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VOL. XXX.

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DECEMBER 27, 1890.



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THE present being the last issue of the year, we would once more request all those who intend to renew their subscription to do so as promptly as possible, for their own convenience as well as ours, in preventing delays and errors in re-entering, etc. In the case of those, especially, who are changing from one edition to another, promptness now will save them much trouble and delay hereafter, which otherwise will be unavoidable.

THE *Engineering and Building Record* brings up a question of very great importance to architects, in reply to a correspondent, who asks whether there is any danger that cinders, used for filling-in between iron floor beams, will corrode the metal. It has been observed that iron gas-pipes, laid through a mass of cinders or of ashes, corrode rapidly; and the editor of the *Engineering and Building Record* thinks that there is "much danger" in placing either cast or wrought iron, but particularly wrought-iron, in contact with cinders, if there is any moisture present. He thinks that the corrosive effect which has been observed depends upon the formation of sulphuric acid from the sulphur compounds almost always present in the cinders of soft coal, such as is commonly used by architects for filling, and that it would be safer, either to find some other material for the purpose, or to plaster the beams with cement before placing the cinders between them. If any architects have been able to make observations in regard to whether corrosion seems to take place from the cinder filling, it would be interesting to have an account of them. Meanwhile, the advice of the *Engineering and Building Record*, to plaster the beams with cement, is good; or, perhaps, whitewashing them with lime wash would answer the purpose. In any case the contact of plaster-of-Paris with iron should be avoided. Although iron rods or wires, hooked over the timbers, are often used to hold the "plâtras," or mixed rubbish of lime and plaster, which is put between wood beams in French buildings, they will corrode deeply where they come in contact with plaster, and plaster-of-Paris should not be allowed to touch more important pieces of structural iron. Keene's cement, Adamant plaster, Parian cement, and many other materials into the composition of which plaster-of-Paris enters, are more or less acid, and some of them are very corrosive.

WE have before mentioned the case of certain London school-buildings, which, although nominally supervised by a clerk-of-works, appointed by the School Board, and periodically visited by the architect's own inspector, were found,

after the final certificate was given, to have been erected in violation of the contract in several respects. It will be remembered that the clerk-of-works advertised his own usefulness and fidelity by testifying that he discovered what he supposed to be a mistake in the plan of a staircase, but, conceiving that "it was not his business to furnish brains for other people," said nothing about it to the architect, but allowed the stairway to be built with only head-room enough to crawl through, so that it had to be torn down and built over again. It turned out, we believe, that the plans were correctly drawn, and that the mistake, as might have been surmised, was due to the inability of the lordly clerk-of-works to bring his towering intellect down to the task of comprehending them. Something was said at the time about holding the architect, on account of his issue of a final certificate, responsible for the loss to the School Board through the contractors' fault; but nothing came of the suggestion, which probably originated with the contractors themselves, as usual in such cases. On the contrary, the Board brought suit for indemnity against the persons who had deliberately violated their written promises, and had pocketed the money which they had gained by the cheat, — namely, the contractors. The latter promptly went into bankruptcy, but the suit was continued against the assignee, and was decided a few days ago. It is not surprising to learn that the contractors alleged, in their defence, that they received "orders" from the architect's inspector, Mr. Coombes, to use mortar instead of cement; to make the mortar and concrete of wretched quality; to put two or three inches of ashes under the tar paving, instead of six inches of "hard, dry, well-rammed *débris*," as specified, and, in general, to do the work which would be concealed in the poorest and cheapest way, and to pocket the difference in value between this and the sort of work that they had agreed to furnish. We might mention that we never knew a contractor to be found out in any gross violation of his contract, who did not solemnly protest that either the architect, or the owner, or the architect's assistant "ordered" him to do the work in that way, instead of according to the specifications. In the present case, however, the judge somewhat abruptly extinguished the contractors' hopes by refusing to admit any evidence as to what Mr. Coombes' might or might not have ordered, unless it should be previously shown that he was authorized to act as architect, or to order or sanction deviations from the contract. This, of course, could not be proved, and any attempt to cast the blame on the real architect was effectually forestalled by the circumstance that the latter never visited the buildings at all until they were finished; so that the discouraged contractors had, in the end, to submit meekly to a verdict against them for something over ten thousand dollars and costs.

A GENERAL invitation, signed by Professor Bauschinger, was sent out not long ago, calling upon persons interested in the subject of tests of building materials to meet this year in conference in Berlin. The conference, which is the third of the kind which has been held, met in September last, and accomplished some useful work. The main object of the meeting was to promote the unification of methods of testing materials. As every one knows, tests in different hands give widely varying results, owing to the diversity of the methods employed. All American architects will remember the discrepancy between the results obtained by Mr. Smithmeyer in his tests of the cement furnished for the Congressional Library, and those obtained by the dealers who wished to sell the cement; and the ingenious device by which the debated question, whether the cement complied with the specification, was solved, by getting rid altogether of the author of the specification, and his tests, and putting in his place some one who could test cement in a way satisfactory to the dealers; and many have probably reflected that until such materials were tested by some uniform and well-understood process, the reputation and fortune of conscientious architects was in constant peril. Abroad, the necessity of securing such uniformity of tests appears to have been felt even more strongly than here; and, at the last conference, which was held in Dresden in 1886, sub-committees were appointed to prepare reports on testing processes of various kinds. For us, the testing processes for cement present the greatest interest, but the conference was able to accomplish very little, on account of the violent opposition offered by the

cement manufacturers, of whom many were represented at the meeting, to the conclusions of Professor Tetmajer, who prepared the report of the sub-committee on this subject; and the report was referred back, with instructions to the sub-committee to study the matter again, in concert with the manufacturers. The fact that the latter opposed so strenuously the admission of Professor Tetmajer's report shows clearly enough the necessity of imposing, as soon as possible, a uniform test on cements; but it is hardly likely that the manufacturers will help much in bringing the problem to a solution. On the contrary, as architects know well enough, nearly every manufacturer claims a special virtue for his own product. One publishes statistics of the extraordinary tensile strength shown by his cement at the end of seven days, and, of course, will insist that the seven-day test shall be made the standard. Another makes a cement which gains tensile strength slowly, but shows, at the end of a year, results surpassing those obtained with any competing products; and this man, naturally, considers the test at the end of the year the only valuable one; and so with all the rest. It is for their interest to know nothing, and care nothing, about whether the year cement, or the seven-day cement, gives the best results under the conditions of actual practice; and, to our mind, no one but architects and engineers can be trusted to consider the forms of injury, through frost, salt-water, swelling or shrinking, *laitance*, efflorescence and other causes, to which cement-work is subject, and to prepare a test which shall, as far as possible, cover them all. It is satisfactory to know that the Conference has determined to issue a journal, or bulletin, containing not only the reports of the sub-commissions, but other interesting matter concerning the manufacture and testing of structural materials; and, before the assembling of the next Conference, which is appointed to meet in Vienna in 1892, it is to be hoped that some progress toward an intelligent cement-test may have been made. To mention a single matter, it is not so generally known to architects as it should be that Professor Lanza, of the Massachusetts Institute of Technology, whose determinations of the strength of wooden posts and beams of the actual sizes used in building are now included in all the best reference-books, has made some tests of the tensile strength of cement, which are far more satisfactory than those previously published, on account of the uniformity of their results; the breaking-strain being very nearly the same throughout a long series of trials upon briquettes of a given cement. It is obvious that a cement which always shows a certain tenacity is a more satisfactory material to use than one which gives the same tenacity, as an average of results much higher and much lower; or, what amounts to the same thing, that a method of testing which obtains uniform results with uniform material is much to be preferred to the old processes, under which the briquettes broke or resisted, apparently at random, giving only average results for comparison; and Professor Lanza's method of mixing and manipulation deserves better to be adopted as the standard than any other yet employed, so far as can be judged from the results that have come under our notice.

A GREAT deal of interest is felt by all those who pay any attention to hygienic and sanitary matters in the publication of Dr. Koch's successful attempts to destroy, in the living body, the germs which cause tubercular disease; and thousands of persons, afflicted with the worst of tubercular diseases, consumption of the lungs, have had their hopes revived by the possibility of cure. The history of the discovery is a curious one. While Pasteur was engaged in his immortal investigations, which led, first to the discovery that malignant carbuncle, or anthrax, was caused by the lodgment in its victim, and subsequent growth, of a microscopic germ, and, later, to the certainty that many other diseases are caused in a similar way, Dr. Koch was studying pulmonary consumption, with the object of ascertaining whether it was really infectious, as has been alternately affirmed and denied by physicians, and, if it was infectious, whether the infection was carried, as in the diseases studied by Pasteur, by a living microscopic germ. Some eight years ago, he published his conclusion, that consumption was caused by the propagation in the system of a minute germ, or bacillus, which he had found invariably present in the diseased tissues, and in the matter ejected from the lungs, of patients affected with it; and drawings of the specific germ were published also. The world of scientific medical

men received these discoveries rather coldly. The bacillus of consumption is anything but a dangerous-looking object, consisting, apparently of a short piece of hair; but its deadly properties appear to consist in its capacity for rapid multiplication, by which it penetrates the tissues in thick masses, and in a peculiar, poisonous action, which seems to depend upon the presence and activity of the germ, but is not yet understood.

FROM the discovery of the germs of tubercular disease, Dr. Koch was naturally led to the inquiry whether some means could not be found for counteracting its deadly influence, and destroying it in the system of the patient. For this purpose, like Pasteur, he experimented upon guinea-pigs, which have long been known to be very susceptible to consumption of the lungs. In order to be sure of not confounding the tubercle bacillus with harmless species, which exist in great numbers in the body, specimens of the suspected germ were carefully separated, and propagated by themselves in "culture liquids," previously sterilized, to make sure that no other living object existed in them. After the suspected bacillus had sufficiently reproduced itself in the culture liquid, guinea-pigs were inoculated with the liquid, and all sickened and died of consumption. This established the identity of the tubercle bacillus, and the next step was to find a suitable agent for destroying it. A great number of inorganic reagents were applied to bacilli, living in tubes of culture liquid, and many were found to arrest their development, the chloro-cyanide of gold being particularly effective. In the living body, however, the gold solution seemed to have little effect, and consumptive guinea-pigs into whose circulation the gold solution was injected received no apparent benefit. A second series of experiments, with organic reagents, was more successful, and a substance, or mixture of substances, was found, which, when introduced into the circulation of a consumptive guinea-pig, would apparently annihilate the disease. To use Koch's own words, "from the moment that a guinea-pig, affected with tubercular disease, had absorbed this substance, the disease was arrested, and its progress stopped, whatever may have been the stage previously reached, and that also without the constitution being in any way impaired"; and his consumptive guinea-pigs, thus treated, are to-day in perfect health. To extend the application of a remedy so powerful from guinea-pigs to human beings was a step for which Dr. Koch would have liked to make more preparation; but no physician could withstand the prayers of dying men and women, and the treatment has been applied with as much skill as was possible under the circumstances. Naturally, Dr. Koch and his assistants, who have only had a few weeks to prepare themselves for practising on human patients instead of guinea-pigs, hesitate to place their powerful weapon in the hands of persons less careful and experienced than themselves, and, if the analysis which is said to have been made in France of the Koch lymph is correct, they are justified in their caution. According to this analysis, the lymph consists of the ptomaine of the tubercle bacillus, mixed with glycerine, apparently to preserve it, and with chloro-cyanide of gold. It is hardly likely that the ptomaine of the bacillus tuberculosis could be distinguished by analysis from the ptomaine of any other tissue, but if any ptomaine forms a part of the remedy, as seems quite probable, the lymph will be an excessively dangerous instrument in ordinary hands. The ptomaine poisons have only recently been scientifically investigated, but an idea of their virulence may be obtained from the fact that the poison that Lucretia Borgia is said to have used for sprinkling on roses, which caused the death of those who smelt of them, was a ptomaine, manufactured, according to the tradition, by sifting arsenic over a piece of pork, and hanging it up in the sun. The oxidizing effect of the arsenic on the animal fibre produced an organic poison infinitely more virulent than the arsenic itself. There are many other ptomaines, one of which may, under certain circumstances, be produced in small quantities in milk, and occasionally causes very severe poisoning; and it is quite credible that a substance of the sort, if applied in the right amount, and in the proper way, might have a most powerful effect on the minute organisms which invade the system.

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AUSTRIAN ARCHITECTURE.¹—XII.

THE SEVENTEENTH AND EIGHTEENTH CENTURIES.—II.



Fig. 10. Interior of the Conventual Church of Herzogenburg.

THE power, pride and wealth of the Austrian clergy of the of the seventeenth century found characteristic expression in the huge convents of the period, not less than in the numerous churches. In the comfort and luxury of their appointments they resemble palaces rather than monasteries.

carvings, and sculptures in stone and plaster. These retreats for humility and penitence often look out by gorgeous façades on vast gardens, laid out with the consummate art displayed in the horticulture of the period, adorned with fountains and statues, and stretching away to delightful country scenes.

Austria abounds in these monastic palaces; we will cite the most remarkable of them.

In Lower Austria, they comprise the convents of Admont, Melk, Klosterneuburg, Herzogenburg (Figure 10), and Göttweih; in Upper Austria, those of St. Florian, Weltenburg,



Fig. 11. Inner Court of the Town-hall, Vienna.

Wilhering, and Krems, situated along the Danube. In the province of Salzburg the convents of Krsmomünster and Lambach are noteworthy; in Styria, the convent of Mariazell; in Tyrol the convents of Stams and Wilten; and in Bohemia those of Waldsafen, Braunau, Ossegg.

Let us examine a few of these constructions somewhat more closely. The convent of Klosterneuburg, in the form of a square enclosing an extensive court and surmounted by two

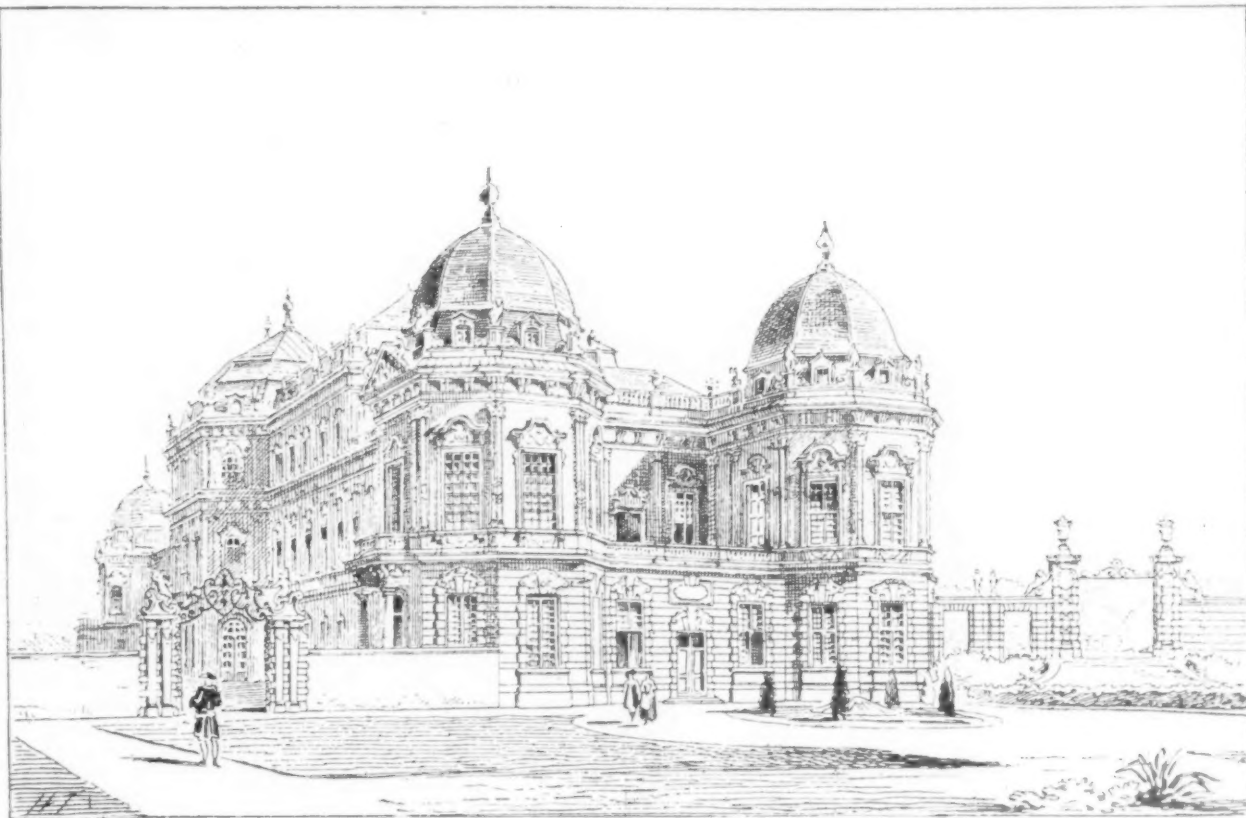


Fig. 12. View of the Belvedere, Vienna.

They have immense arcaded courts, magnificent stairways, great audience and conference halls, gay and spacious refectories, and splendid libraries; the whole glows with color and gilt and is ornamented even to lavishness with marbles, paintings, wood-

cupolas, is especially noted for its magnificent stairway; this leads to a large oval audience hall revetted with colored marble plaques and covered with a painted cupola. The imperial hall and the library hall above the principal entrance are not less richly decorated. The most remarkable Austrian convent in the Baroque style is that of Melk, built by Prandauer in the

¹ From the French of H. Semper, in Planat's "Encyclopédie de l'Architecture et de la Construction." Continued from page 177, No. 782.

early part of the eighteenth century. It is on an oblong quadrangular plan: through a highly ornate vestibule we pass into a spacious arcaded court and thence into the *prelatura* and into the church, which is flanked by the library and the refectory. The exterior is well organized with ressaults and pilasters. The greatest wealth is, however, displayed in the various halls and in the church; these are embellished with painted ceilings and with marble and plaster ornamentations.

During this period, outside the pale of religious architecture, the palaces of the Austrian princes and nobility were, for causes already pointed out, constructed in a grandiose and monumental style, presenting a sharp contrast with the wretched dwellings of the burghers.

The Italian style was perpetuated in the seventeenth-century palaces. The most important of them were executed by Italian architects who, though they retained the traditional disposition of the Italian palaces, nevertheless, followed the modifications introduced by the Baroque style of the period; that is, they adopted grander proportions and gave additional importance to the gateways, vestibules, courts and lodges, stairways and grand halls, while preserving in general a severe but imposing simplicity for the exteriors.

The Vienna palaces in the Baroque style were largely built by the architects Ottavio Burnacini and several members of the Lombard family Carnevali. The most important of these constructions are the two-storied episcopal palace, which encloses a spacious arcaded court; one wing of the imperial palace (Figure 11), facing the Outer Burgplatz, and erected between 1665 and 1668 by Burnacini; and the castle of Ebersdorf, designed by the same architect for the emperor Leopold I. The Carnevali family appear to have designed the palace Lobkowitz (1683) and the Starhemberg (now the office of the Minister of Public Worship). At the beginning of the eighteenth century, Martinelli (of Innsbruck) likewise maintained the same severe style in the Liechtenstein palace, in the Rossau near Vienna.

At Prague, the nobility also erected imposing palaces in the Italian Baroque style, beginning with the palace Waldstein, which marks the period of transition from the Renaissance to the Baroque, and which has already been noticed. Count Czernin's palace is a commanding structure of a pronounced Baroque type, and the magnificent palace of Count Clam-Gallas, by Fischer von Erlach, is in the same style.

In the provincial château, the Italian Baroque was retained until the eighteenth century; as for example in the castles of Feldsberg (belonging to the Liechtenstein family), Schlosshof

imposing central structure and four dome-covered pavilions at the angles; the plan and the general outlines are relieved by a variety of projections and recesses arranged at different elevations. It is richly adorned on all of the four sides with architectural members and sculptures, equally well executed and disposed, and the character of which reveals the influence of Bérain's decorative style. Through a portal on the entrance

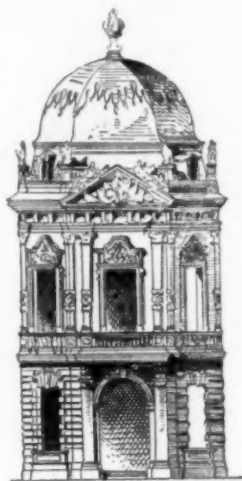


Fig. 14. Angle Pavillon of the Belvedere, Vienna.

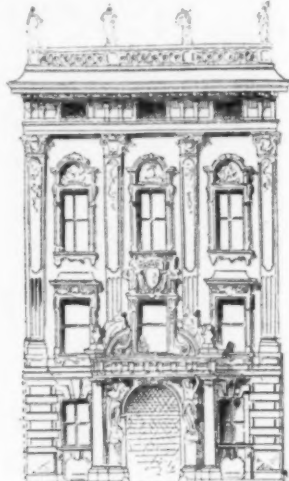


Fig. 15. Entrance of the Kinsky Palace, Vienna.

façade a large court is reached, whence one can pass along two ranges of pillars directly into a vast garden, laid out in terraces, embellished with statues, fountains, cascades, flower-beds and trees, and offering beautiful vistas through shady avenues.

Hildebrand was also the architect of the Leichtenstein palace in the Wieden district and of the Kinsky palace (Figure 15); these two important Viennese constructions belong in plan wholly to the Italian type, while their graceful details are copies of French forms.

[To be continued.]

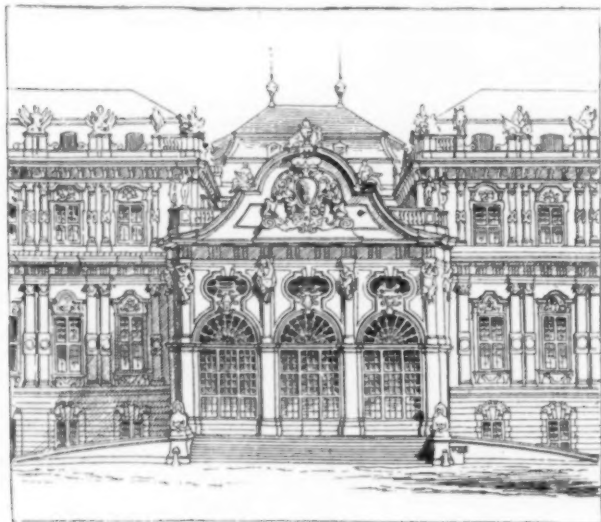
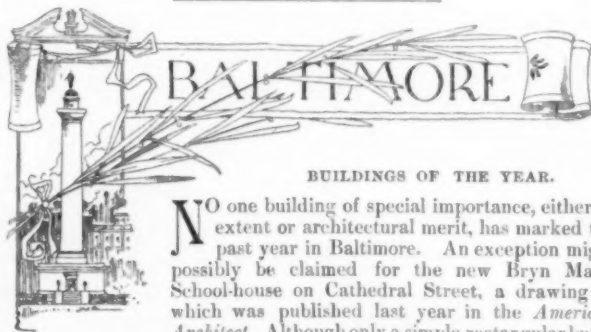


Fig. 13. Principal Entrance of the Belvedere, Vienna.

(Prince Eugene's), Eckartsau, Ladendorf, and Riegersburg, all in Lower Austria. In the eighteenth century, Lucas of Hildebrand, Domenico Martinelli and Fischer von Erlach were the chief architects in the service of the court and nobility at Vienna, which at this period rivalled Versailles as the centre of a brilliant, elegant and luxurious life.

Hildebrand's great work is the Belvedere (Figures 12, 13, 14), Prince Eugene's splendid summer palace, constructed wholly in accordance with the French taste and requirements of the time of the regency. It is of impressive size, with an



ing of modest dimensions, it has had during the past two years so much thought and money expended upon the careful consideration of its interior arrangement, the solidity of its construction in every detail and the color scheme of the exterior—merely a "study in browns" on broad, flat, wall-surfaces—that it has attracted more or less public attention. As a completed design, standing somewhat isolated and surrounded by the high wall encircling its playground, it gives the impression of being a very genuine and successful work, well adapted to its purpose, regardless of much worthless comment from the many who either do or do not "like" it. The exterior is a very pleasant piece of sober, but rich, brown and buff color, resulting from a combination of brownstone and several shades of "Pompeian" brick, with the roof and dormers as conspicuous features in dark red tiles. The interior arrangement, on floors of unequal levels in different parts of the building, is somewhat too complicated for a verbal description without accompanying plans. The finish aims at the avoidance of all superfluous woodwork and the acquisition of as much light and air, cleanliness and fireproof construction as possible. As a design it cannot rest entirely exempt from criticism on account of the apparently unnecessary bigness and uniformity of its window openings, that fail to give interest by any expression of the character of the interior. Among the other more important buildings either completed during the last year, or so far finished at least as to tell the story of their exteriors, one may note the following: the large Roman Catholic Church known as the Jenkins Memorial, occupying a prominent and somewhat commanding position at the highest point of Mt. Royal Avenue, is to be first opened for use on New Year's Day, after being five years in course of erection, and the public are invited to its inspection. The general plan comprises the stereotyped features

of nave, aisles, baptistery, chapels, etc., common to a cathedral arrangement, and generally successful only on a larger scale. The exterior walls are entirely of granite, and the style, we presume, is called Gothic, but the details we are unable to comment upon under any of the generally accepted architectural classifications. A change in the design was made when the spire, originally intended to complete the square towers on the northeast corner, was omitted, and the present finish of unequal pinnacles at the four corners of the tower gives a somewhat picturesque sky-line, with a suggestion that the spire may have been unintentionally removed by a sudden catastrophe. The interior treatment is entirely of elaborate stucco-Gothic, and the colored glass, of English manufacture, is quite consistent and perfectly in keeping with the spirit of the whole design. The total cost is said to be over two hundred thousand dollars, entirely borne by a single wealthy family, as a memorial and mortuary chapel for some of its deceased members. Mr. Keely, of Brooklyn, was the architect.

The admirers of this building—and there are doubtless many—probably deem the alterations and additions to the old cathedral, now nearly completed, as an unfortunate necessity in regard to the architecture, unavoidable, perhaps, if it was found indispensable to carry out the old design, but they would have been better pleased to see an "Early English," or a "French Gothic" or an "Italian Renaissance" annex to the old, Roman-looking granite pile, on the same principle that, in days gone by, added the very handsome Greek portico and the Oriental domes to the west front. The architect, fortunately, knew better, and in lengthening the building at the east end, and adding a semicircular apse, he has wisely carried out quite unchanged the scheme already there—stuccoed imitation cornice and all—and thereby has rather improved the proportions than otherwise, adding to the dignity as well as the size of the really fine old building. It is proposed to remove the wall and iron railing that now surrounds the square, enclosing the cathedral and the Cardinal's residence, but we doubt the entire advisability of this, and whether such buildings so placed do not rather gain in effect than otherwise by some such simple enclosure, unquestionably preferable to the ornamental stone parapet, or fantastic grille-work, which is so frequently substituted in modern work.

One other church is to be noted among the new buildings of the year, on the corner of Preston Street and Maryland Avenue, generally attracting attention from its somewhat unusual form for a church, a semicircular auditorium, partly surrounded by a portico of polished granite columns, with a great deal of ornate carving about the capitals and lintels. It would seem that for architectural comment it was intended that the building should only be regarded from a point of view opposite the entrance front, and this aspect of the design recalls in some degree, on a smaller scale and with different details, that of Osborn Hall at New Haven.

Two of the most satisfactory exteriors recently completed, each in its own way, are the large warehouse on the corner of Lombard and Paca Streets, and the building for the Central Savings Bank on Charles and Lexington Streets, with sufficient identity of treatment in both to show that they are from the same hand; good designs in the general style which, with varying details, has lately been the most successful in various places, for more or less the same sort of buildings, showing an agreeable combination of brick and stone, solids and openings, and a truthful expression of the purpose. The Savings Bank, both from its location and character, was capable of acquiring somewhat more interest of the two, and is on the whole a pleasant building to look at, barring some inconsistency of detail, a weak effect about the cornice, particularly when viewed from a distance, and the faults inherent to arched openings in a round bay—in this case on the principal corner—of only short radius. Although differing widely as to dimensions and many details, the passing impression strongly suggests the R. H. White building in Boston.

A new theatre has just been opened, "The Lyceum," on the site of the old building that was originally erected for the "Wednesday Club." The new edifice is now generally regarded as the handsomest theatre in the city, but beyond a certain airiness and prettiness of interior, with fairly good coloring, it has no claims to any great beauty, and gives the impression of hasty thinness and cheapness of construction and decoration that detracts from its merit, while the façade on Charles Street is only a very commonplace combination of brownstone and brick. One feels less inclined to criticise, however, from the fact that it is such a vast improvement upon the old building which it has superseded, which, just in that location, was certainly a misfortune.

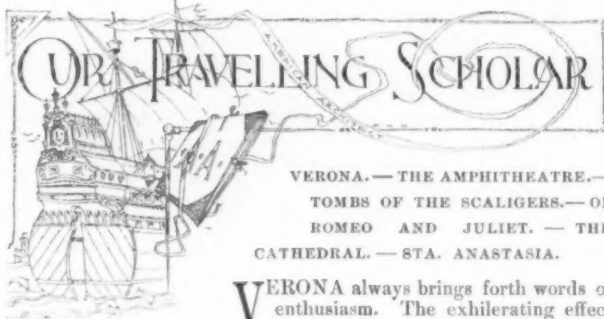
A few blocks farther down, at Eager Street, the new Maryland Club is about under roof: a large, three-story building of rough-faced white marble, with tooled sills, lintels and string-courses and carving at certain points. It is about seventy by a hundred and thirty feet, with a long northern exposure, placed on the corner directly up to the building-line of both streets where the sidewalks are rather narrow. The style of the design suggests a public building, or institution of some kind, or a club-house in one of the newer and smaller western towns, rather than the best of those in the eastern cities. The character of the architecture that would seem naturally to have suggested itself for the new home of the old Maryland Club is a rich and ornamental, freely treated Classic, a semi-palatinal residence, with elegant and refined details. Some of the characteristics are to be found in the design of this exterior.

We note with satisfaction the introduction and growing use of buff

and "Pompeian" bricks for street architecture, in agreeable combinations with various stones and painted woodwork, and the tendency in such designs to the simplicity and repose of Classic or colonial proportions and details. This is, so far, chiefly to be remarked in dwelling-houses of moderate size, ranging from the row of small "eighteen-foot fronts," for sale or rent, up to the fifty-thousand-dollar residence of imposing dimensions and costly detail. This is conspicuously illustrated on a portion of North Calvert Street, above Chase, where nearly an entire block has lately been occupied by work from offices of three of the leading architects in the city, in several designs of unequal merit.

While we have been speaking of churches the following extract strikes us, and the architects referred to may be edified thereby. It is taken from a weekly local journal that is asking for the patronage of Washington and Baltimore architects with, we are not surprised to say, only indifferent success. With rather wider investigation they would probably find the "consensus of opinion," here referred to, not as general as they assume.

"Probably the most curious and unique church yet erected here is the First Methodist Church from the plans of McKim, Mead & White, of New York. While there is nothing startlingly new in its Romanesque architecture, the tower has called forth an unlimited amount of favorable and adverse criticism. Visitors who drop into town through the Union Depot see this obelisk-like shaft, and immediately begin asking questions about it. Even a closer inspection fails to call forth any praise from the visitors, and they usually leave as much in quandary as to why the thing was ever built, as when they first saw it. Nor do the local architects seem to be impressed with it. There is a consensus of opinion that the good people of the First Methodist Church got very little beauty for their half-million of money when they spent that sum for their solid but eccentric pile."



VERONA always brings forth words of enthusiasm. The exhilarating effect of Italy's sunshine, of its boundless blue sky, is here for the first time felt, and consequently leaves a deep impression. The picturesqueness of departed greatness, the changes which time can bring about, are nowhere better illustrated than here. Verona's individual history is such as to warrant more than a passing thought. Coming in on the train, the loveliest of views meets our gaze. The dark forts with their threatening cannon are seen in sharp contours against the sky, while charming villas, half-hidden behind dark and graceful cypresses dot the surrounding hills. It is a picture of contrasts, yet one of tranquillity and peace. Truly, no better portal to Italy's treasures of art and beauties of nature can be chosen than Verona. Hosts of memories of by-gone days still cling to its walls. Here stands one of the most magnificent amphitheatres of the Romans; here Dante lived in exile, under the patronage of the illustrious Can Grande, the patron of all the arts and sciences, the greatest of his family; the birthplace of Paolo Veronese and Sanmicheli; here Romeo died of poison, Juliet by her own hand, and both of too much love.

But we forget the past amid the din of the present, the cries of the *fachini* and the idle throng which always gathers around the depots. We have alighted at the Stazione Porta Nuova and now pursue the wide Corso, bearing the name of a man who has almost become a saint and whose memory has been glorified to a degree,—Vittorio Emanuele. Corso Vittorio Emanuele, how many times have we seen this name during our passage through Italy! There is not a village, however humble, that does not possess a Via or a Corso named in honor of this king. Pilgrims flock to the Pantheon at Rome and whisper a prayer at the tomb of this man, the first ruler of United Italy. His tomb, just opposite that of Raphael, is guarded night and day by faithful veterans, in whose minds Victor Emanuel II still continues to live as a friend and generous ruler.

This Corso leads to the market, where in Roman times the forum stood, but which is now alive with bustling crowds, quarrelling and bargaining. The mediæval structures, which enclose the space, bear the stamp of Italian architecture and abound in picturesque bits. Behind many a faded front, a shady court or a handsome arcade is hidden. There are but few cities which embody in their architecture such a complete historical table; each epoch of its history being marked by some important structure. Starting with the Arena, from the Classic period, a structure which almost equals the Colosseum (not in size, to be sure, but in costliness of material), we pass in review the list of Gothic monuments, the tombs of the Scaligers, recalling the strife between the Guelphs and the Ghibellines, the

massive castellos and the castellated houses. These gave way in turn to the spirit of the Renaissance, and now it was that Verona produced its two greatest architects, not to speak of the artists, whose genius has left traces of which Verona may well be proud—Fra Giocondo and Michele Sanmicheli. Then the eighteenth century, bringing with it the wars between the Austrians and Italians, left its stamp in shape of the grim forts and cannon.

Who it was that built the arena is not known, but it is safe to place it at the time of Trajan. Its seats were covered with red marble and, besides, all sorts of rare marbles and granites were used with lavish hand in its construction.

In this particular it rivals the Colosseum, but in point of size it remains far behind it, holding only 20,000 spectators to the other's capacity of 87,000. During the march of centuries it has suffered much and been put to many uses. Out of its masses were reconstructed the city-walls, when the barbarians threatened them. Many a palace would not be as rich, or would not have been handed down to posterity, had not the arena served as a cheap stone-quarry. Fortunately, in the sixteenth century a stop was put to these depredations. It was forbidden to carry away any material, and the poor people who had made their homes in the recesses of the walls and the dens, where formerly the panthers and slaves were kept before the combat, were closely watched, and finally, money was taken from the public funds and used in its restoration. Thus to-day the monument is in a comparatively good state of preservation; nevertheless, but few of the seats remain and the arcades are much injured.

Continuing, in the history of Verona we read the deeply touching page of Romeo and Juliet. Juliet's tomb, in a prosaic and unromantic spot, is still to be seen, and a house bearing a marble inscription and called that of the Capuletti is pointed out as that of her parents. "Of the truth of Juliet's story, they (the Veronese) seem tenacious to a degree, insisting on the facts—giving a date (1303), and showing a tomb. It is a plain, open, and partly-decayed sarcophagus, with withered leaves in it, in a wild and desolate conventional garden, once a cemetery, now ruined to the very graves. The situation struck me as being very appropriate to the legend, being blighted as their love." Byron thus described the tomb of Juliet to his friend Moore, as he saw it at the close of autumn, when withered leaves had dropped into the decayed sarcophagus, and the vines that are trailed above it, had been stripped of their fruit. His letter to Moore, in which this passage occurs, is dated the 7th of November. The lid, which formerly bore the name of Juliet, has long ago disappeared and, for years, the other part was used as a watering-trough, and, worse than all, lay at the mercy of the relic-hunter. Now, that the grave has become a source of income, careful watch is held, and, a withered wreath, left by some romantic girl, betokens that Juliet is not yet forgotten.

But a family more important in history, but perhaps not better known, is that of the Scaligers. The founder of the family was but a simple tradesman, or manufacturer of ladders; the ladder is used as a *motif* in the design of the iron-fence which surrounds the last resting-place, and also occurs in their crest. For 130 years, the brightest decades Verona has seen, this family was intimately connected with its history, and, now six centuries after the first Podestà, from this house, died at his brother's hand, and, five centuries after the last one passed away, their tombs do honor to the city—the proudest monuments of a most glorious period. The monument of Can Grande, the most illustrious of the family, and to whom even Dante did honor in eulogy, stands above the portal of Maria Antica: a sarcophagus and an equestrian statue. Over the coffins of the other members of the family rise magnificent Gothic canopies, rich with carvings and statuary, crowned with equestrian statues, which seem to look down upon the impoverished Verona—monuments from brighter days. In beholding them one almost overlooks the stone sarcophagi beneath, marvels in themselves without their gorgeous surroundings. No other Italian family can boast of such a resting-place!

The Cathedral, a Gothic structure of the fourteenth century, with choir and Romanesque façade of the twelfth century, is, by no means, as important architecturally as the churches of Sta. Anastasia and S. Zeno Maggiore. It is said to have been built upon the site of an old temple dedicated to Minerva, the unfinished campanile by the side wall was erected by Sanmicheli. S. Anastasia (1261), a Dominican church, ranks high among the semi-Gothic churches of Italy. The exterior was intended to be clothed with a marble veneer, but it, unfortunately although not exceptionally, remains unfinished. The interior consists of a nave, in six bays, aisles and transepts, each ending with two eastern chapels, all vaulted with simple quadripartite brick groining—the whole remarkable for boldness of conception, and symmetry of proportion. The vaulted roof, gracefully ornamented, may be with justice described as being an example of color-decoration remarkable for its beauty. In the elegant frescos, including Pisanello's (Vittore Pisano) painting of St. George,¹ the church possesses a mine of wealth—not to speak of the early examples of sculpture.

On entering, a very peculiar holy-water basin is seen, a hump-backed dwarf, supporting an ancient capital hollowed out for the purpose of

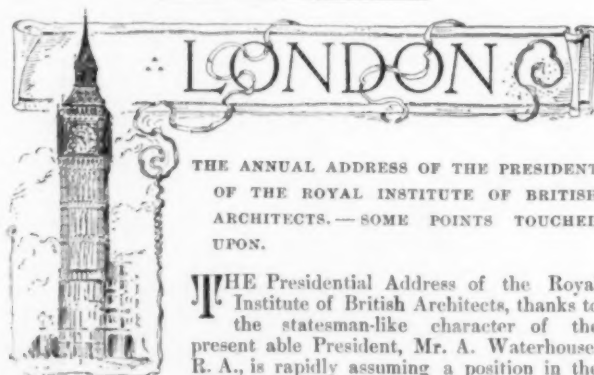
holding the water. It, however, is not unusual to see capitals put to this use and it seems that the ingenuity of these builders knew no bounds. I remember of having seen, somewhere in Italy (I regret to be compelled to use such an indefinite phrase), a statue of a Roman statesman, in all probability, metamorphosed into a St. John the Baptist—a very peculiar bit of sculpture.

Imagine, if you will, a Roman statesman, fully clothed in the toga, the right hand outstretched, in which he held a roll of parchment, perhaps in the act of enlarging upon the evils of progressing Christianity. I use "perhaps" advisedly, because his excavators and subsequent metamorphosers might have entered into a study of his pedigree and life, although the early Christians were not known to be great archaeologists, and it was a matter of as little import to them whether they worshipped in a former heathen temple or in a newly-erected church as it is to the modern American hymn-book editor that he teaches the Sunday-school youth to sing religious hymns to the tunes of German drinking-songs.

Now, a Roman senator, the next day, St. John the Baptist; the toga transformed into a shaggy sheep-skin; his classic limbs, so conscientiously concealed, exposed; his feet bereft of sandals. A few blows of the hammer and the Roman was no more. Now antique, but yet A. D., a few moments later six months B. C.! Transformed completely; the eloquent words, which he as a Roman would have uttered, freeze on his lips and he becomes St. John. The roll of parchment—his notes, he needs no more, he speaks extemporaneously; he is inspired—and in its stead he receives a cross. The toga is abbreviated to a painful degree. The vertical folds which were quite natural in the original garb have, in part, been retained and now give the sheep-skin the appearance of having been run through a fluting-machine. Behold him now—all changed but his expression and the mass he is made of!

We had a peculiar experience at Verona, quite a common one in Italy, and illustrating one side of the Italian character. It was our first *dejeuner* on Italian soil; we demanded the bill, which was duly presented, but to our surprise proved a large multiple of the sum we expected it to be. The bill was itemized but the charge made for each course was about twice as large as it ought to have been, according to the *menu* from which we had ordered. We demanded to again see the bill of fare. One was brought forth, quite new and clean, and evidently prepared for our special benefit; according to this one the charges were quite correct. We naturally protested, but to no avail, we being informed that the first card was an old one. Very carelessly we had ordered the national dish, which was not on the bill of fare, and as might have been expected, the charge made for this was quite large enough to supply all the poor of Verona with macaroni soup for some days. We held a council of war, such councils are invariably held, I find, when a party of English-speaking people enter a restaurant in Italy or Paris. Not having the least desire to pay the exorbitant demands, we figured up the amount according to the original *menu*, placed the sum, together with the *pour-boire*, on the table and started for the door, with more haste than grace. The waiter, who was standing but a short distance off, seemed to watch these proceedings with unusual interest. Much to our surprise, he bowed gracefully as we passed him and uttered his *gracie* with much politeness, while the proprietor himself bowed us out, and very pleasantly as the Germans say, *empfahl sich*, or, in other words, told us to call again.

THEO. F. LAIST.



THE ANNUAL ADDRESS OF THE PRESIDENT OF THE ROYAL INSTITUTE OF BRITISH ARCHITECTS.—SOME POINTS TOUCHED UPON.

THE Presidential Address of the Royal Institute of British Architects, thanks to the statesman-like character of the present able President, Mr. A. Waterhouse, R. A., is rapidly assuming a position in the architectural world, analogous to that occupied by the Queen's speech in the political world, and, in consequence, is looked forward to with the greatest interest by the profession. This year the large meeting-room of the Institute was crammed to its utmost capacity, standing-room being unobtainable.

Mr. Waterhouse opened by referring to the honor conferred upon him by the Institute in electing him as President for a third year, and congratulated the body-corporate on its extended premises. He then recorded with satisfaction the direct representation of architecture upon the General Council of the Imperial Institute, and announced a bequest of £2,000 to the Institute by a sister of the late Owen Jones.

Turning to the question of the new triple examinations, Mr. Waterhouse related the success which had attended their institution, and stated with much justice, that if a man is to take a creditable position as an architect in the future, he must begin by passing these

¹ Pisano's painting of Saint George is one of great beauty, and in almost a perfect state of preservation, while most of his other frescos at Verona have perished. The scene represents St. George and the Princess after the conquest of the dragon with accessory figures, the sea, a mountainous landscape and an elaborately painted city in the background.

examinations, and in this connection he drew attention to the Edinburgh memorial wherein the architects of Edinburgh are petitioning the University of Edinburgh to establish a curriculum in architecture and to institute a degree, or other University distinction, for those who have successfully pursued it.

The President, then, after mentioning the satisfactory outcome of a communication to the Office of Works on Quantities, and referring to a deputation which had waited on the Institute on Sub-contracting, turned to the question of building legislation for London. I have in previous letters pointed out how defective the building laws of London are, and how necessary amendment and consolidation have become, and Mr. Waterhouse devoted much attention to the difficulties in administration caused by the existing acts. He said:

"Among the subjects which have engaged our earnest attention during the past session, none is of more importance, in my opinion, than the revision of the Acts which affect building operations in the metropolis. The general public may view the subject with apathy, as not understanding how vitally it affects its comfort, health and well-being; in fact, the very magistrate on whom devolves the administration of the said Acts in cases of dispute is said to hate the sight of the District Surveyor when he brings his unfathomable technicalities into court. When, therefore, apathy, or disinclination to unravel the threads of a complicated and perplexing subject, is so general—though the subject itself is so essential to the well-being of the community—it is the duty of men, whose education and experience fit them above all others for the task, to help those engaged in the framing of such Acts, with their advice and assistance."

The President then went on to cite instances of the failure of the existing Acts. The act of 1855, he urged, "having been framed chiefly for preventing the spread of fire from one combustible wooden-floored building to another is out of touch with improved fireproof construction, which ought, when properly applied, to allow of an increase in the cubic contents of buildings beyond the area now prescribed, at least, where the building does not contain goods of an inflammable condition. The Act does not allow for the increased amount of glass called for by the ever-increasing pollution of our atmosphere; and, on the other hand, does not make due provision against the danger from fire incident to the use of lifts. It does not realise our greatly extended requirements in the present day; nor our extended building knowledge—our knowledge, for instance, of the treacherous nature of stone and iron in case of fire. The Act does not deal with important questions affecting the rights and obligations of adjoining owners; it does not concern itself, except by implication, with the underpinning of party-walls and of adjoining structures in cases where the new structure, going below the old one, affects the safety of the latter, and involves such a procedure. It ignores sanitation; and does not trouble itself about the formation of new building estates, where, of course, the evils we have most to deplore in our streets and thoroughfares can be most readily prevented."

These and other difficulties induced them, almost unanimously, to agree that the time had at length arrived for the codification and thorough amendment and simplification of the some fifteen or twenty Acts and Amendments of the same which now regulate building operations in the metropolis.

But Mr. Waterhouse would not be satisfied with a complete and efficient Building Act, "even if the most perfect Building Act," he exclaimed "could be obtained for the regulation of our practice, it should be the function of some one—or rather of some collective body—to take a broad artistic view of that immense chaos called London, and, as opportunities arise, to point out in what way it can be improved as a work of art. The members composing such a body must be, I admit, men of business as well as artists, or their recommendations would soon cease to have any practical value. In laying down the line of a new street, it would be their duty to see that its extremities either ended in some existing building worthy of closing the vista—as, for instance, the Strand, in the Church of St. Mary; or, that a site was reserved for some future erection with that object in view. It would be their duty to see that the best sites along its course were reserved for buildings of a character becoming their position, and that a flagrant want of harmony was not suffered in contiguous elevations; and, while always dealing indulgently with such as were modest and refined, the tribunal would be resolute in refusing the acceptance of designs of vulgar ostentation—creations of the nightmare school, of which, unhappily, we have examples already thrust upon us. Indeed, we may have more if there be no authority to check this worst form of inflated advertisement—the worst because it involves the prostitution of a noble art, and, when once erected, is not easily got rid of. I am not forgetful of Professor Kerr's pathetic inquiry, "If Heaven has made us Philistines, how can we help it?" But this, as it seems to me, is hardly a question of a man's right to do what he will with his own, provided he does not injure his neighbor. A street is public property, made not only for the use, but for the enjoyment of the public, and it cannot be an enjoyment so long as it is vulgar or monotonous and ugly. I plead for the creation of some responsible body of men, by position, education, and cultivated taste specially fitted for the task, whose main duty should consist in advising upon and controlling, from an artistic point of view, those works on which the future of London so much depends. I repeat the words I used in my address of last year, that an Architectural Council, to be appointed by the Government, and to be partly composed of professional men, is wanted in London. It is

most difficult for those who have had no technical training to judge correctly of the probable effect of a contemplated building from an inspection of the drawings prepared for its erection. I plead, moreover, for the public exhibition of the plans of all metropolitan improvements prior to any final decision being taken upon them. Such a course would tend to create an intelligent interest in improvements which at present does not exist in London, and it would enable those who have to pay for them to consider in time if the proposals be good, practically and aesthetically, or otherwise.

This is rather a pet notion of Mr. Waterhouse's who recently contributed an article on the same subject to the "New Review," and in theory it seems excellent enough and all that can be desired. Whether it is a possible tribunal, I doubt. There are many and great practical difficulties, and I fear the proposed Architectural Council would find its work of a far more trying character than is generally anticipated.

"Students' work" formed his next subject of review, and he gave some excellent advice to the student of the present day who is too apt to measure his work by quantity rather than by quality. "The student nowadays," said Mr. Waterhouse, "seems sometimes possessed of the restlessness begotten of the locomotive engine; he stays, it may be, but a day in a place; in that day, to be sure, he does a marvellous amount of sketching, and he contrives to visit in the time which he has to devote to his studentship an astonishing number of interesting buildings, the most salient features of which he transfers to paper. I do not see, however, as often as I should like, that the student has sat down before a building to lay siege to it with the determination, before he has done with it, to make it his own—to enter into the spirit of its builders, and to seek to discover their way of arriving at the ends they had in view. There should, in my opinion, be among our students a little more of the thoroughness which characterizes the work of the French students, whose magnificent studies displayed in the Galerie Rapp, in last year's Exposition, so much impressed those of us who had the opportunity of examining them. If the architect-student knew that it was not by the mere number and beauty of his sketches, and by the accuracy of the measured drawings of old edifices, that he would satisfy those who had sent him forth on his travels, but by the proofs he was able to afford that he had absorbed and digested what he had seen, I believe our student-work would sometimes be more thorough, and the men themselves in some cases would be the more ready designers after having had such preparation.

These remarks led to a plea for the formation of a trustworthy catalogue of the principal buildings to aid students in their travels.

The president then dealt with the manner in which the architectural student of the present day receives his education and expressed himself as fairly well satisfied with the means at his disposal. He felt, however, bound to refer to the direction into which our education seems tending, and ventured the following surmise: "Possibly, in a not distant future, we may find it better to use a course of instruction somewhat analogous, let us say, to that pursued by Professor Ware in New York, as a preparation for entering an architect's office, than that theoretical instruction of the sort just indicated should go on *pari passu* with pupillage. For a pupil to reap the full benefit of his time in an office, he should as soon as possible, find himself set to practical work, and work of this sort in a busy age can hardly wait for one who spends a considerable portion of his time in abstract study. After his class-work is once completed his powers will be so strengthened thereby as to allow of his entering upon office-work with an intelligence unknown to the ordinary pupil of the present day, and his term of pupillage might be greatly shortened were it to follow rather than be contemporaneous with theoretic training.

"For many years the professional education of our pupils has been assisted by the well-directed efforts of the Architectural Association, which received a flattering encomium from Viollet-le-Duc in 1872, at a time when, numerically, it was not much more than half as strong a body as it is to-day. Its method consists in the members helping themselves and each other; and no better can be devised. The particulars of its *modus operandi* are all well-known to you; but I must not omit to mention that the General Committee of the Association recently formulated a systematic course of instruction to meet the requirements of the Institute examinations, the programme of which course was to include the study of the principles of design and construction on the drawing-board in class,—a practice pursued in the Royal Academy schools with success."

A discussion of the relative positions of the Institute and the Association naturally followed, but here the president was unfortunately led astray by some "statistics," showing the work of the Association in an unfair light, upon which he based some remarks which, though well intended, have received very severe criticism at the hands of the Association and, have I fear, served to materially strengthen the feeling of reserve between the two bodies, that every one was glad to see melting away. I feel sure none will regret this result more than Mr. Waterhouse himself, for the following short extracts show how distinctly he was in favor of a Unionist as opposed to a Separatist policy. "The actual connection between the junior and senior bodies is much closer, much more intimate than the majority of those who talk about the subject are aware; and the Institute has never seen cause to regret the closeness of that connection. It sees with interest and approval that the Association is asking itself the pertinent question whether the facilities it affords

to students desirous of working in its classes are sufficient for the requirements of the time, and whether several things which involve considerable outlay of Association funds might not with advantage be abandoned with a view to augmenting the sum available for teaching purposes.

"If I may be allowed to make a personal suggestion, and one in which I have had as yet no opportunity of consulting the Council of the Institute, — I should say, let us join, not divide, our forces, and in such a manner that, while maintaining the anatomy of each body, the Association might devote its funds more exclusively to teaching purposes."

The recent developments of draughtsmanship next claimed Mr. Waterhouse's attention, and referring to a paper read by Mr. Reginald I. Blomfield, he made the following instructive remarks to which all students of the old world do well to take to heart: "The power of draughtsmanship exhibited of late by many a young architect is of such excellence that it ill becomes an old fogey to criticise it, and yet I would venture to emphasize what Mr. Blomfield advocated; that it would be well to consider before beginning a drawing what the qualities and impressions are we wish to perpetuate and convey to paper, never to draw a stroke which has not a definite purpose in view, and to avoid all conscious tricks and mannerisms. I would not discourage the delineation of cast shadows and reflected lights, for in them much of what is most delightful in the aspect of an architectural work depends; but the shadows should be as flat as possible, and the reflected lights as tender. The scratchy, unrestful style adopted by some who are otherwise masters of pen and pencil delineation, is in my opinion much to be deprecated, and a return to the brush would be desirable if such blemishes cannot otherwise be avoided. It would be well, also, if our students spent some of their energies in studying cloud forms and vegetable growths, as many an

some of the best and most characteristic specimens of it, and that, therefore, mention of them may be unintentionally omitted. Speaking generally, I cannot help noticing a curious tendency in the work of some of the most esteemed of my contemporaries — the introduction in the same building of parts avowedly made to look as if designed by different people in different ages. We rightly appreciate the charm which is given to old buildings by the work of successive generations. The craze for the destruction of everything not of the original period of a building's history in its restoration has now happily passed away, and we are zealous to preserve the history written in the stones of our buildings as we find it, if there is no imperative reason for its removal. But surely that is a different thing from constructing fictitious history. If we cannot help being eclectic in some sort, ought we not, at least, to try to produce a harmony in our work, and leave it for others who shall come after us to introduce other styles and modes of detail? I feel it the more incumbent on me to say so, as, having myself spontaneously sinned in this respect in my youth, and once or twice latterly at the instance of clients, who frequently, without due consideration to harmony and fitness, insist on the repetition of forms and details which have pleased them elsewhere.

"The tendency of our work in this country at present is unquestionably towards smallness of parts: we strive for the picturesque rather than for grandeur, and lose much thereby. As an instance of a reaction against this tendency, I would venture to speak of Mr. Sedding's Sloane Street Church, with its two fine campanili, its magnificent windows and its nave, wider than that of St. Paul's Cathedral; in fact, to the unusual aspect of breadth and space which he has imparted to the structural parts of this fine work."

The citation of Mr. Sedding's new church was a little unfortunate, for I suppose no recently erected building is so obviously open to the



excellent architectural drawing is ruined by the introduction of clouds and trees which often mar otherwise attractive work."

The excellent movement in favor of a revival of the handicrafts under the auspices of the Arts and Crafts, afforded the president an opportunity of referring to the neglect of the Royal Academy to do its duty in this matter. "The Arts and Crafts," said Mr. Waterhouse, are still holding their annual exhibitions in the New Gallery, and doing the work which I cannot help but think ought to have been done, and still would be done, by the Royal Academy of Arts, if it took a wider view of its mission, and gave itself to the hearty encouragement of all branches of art, instead of mainly to painting in oils, with scanty patronage of water-color art, sculpture, and architecture, so far as the last can be illustrated by the pencil and brush.

"The exhibitions in question are undoubtedly of great interest, but not as yet of such surpassing excellence in all their departments as to discourage earnest attempts to make them better. I feel persuaded that no body of men can apply themselves to such a task with better chance of success than architects, no work could be more useful in raising the art tone of the community, and in this way elevating the public appreciation of architecture itself."

Some recent developments of the Institute's splendid architectural library were referred to by Mr. Waterhouse, and an interesting extract from a criticism of a French architect upon English work led to a remark or two upon our contemporary works.

"One of the dangers to be dreaded in alluding to contemporary work is that it may not have been my good fortune to have seen

charge of "introducing in the same building of parts avowedly made to look as if designed by different people in different ages." Mr. Sedding admits it himself, and yet glories in it.

He then dealt with the proposed "Campo Santo" at Westminster Abbey and the Royal Commission which has been appointed to inquire into the necessity for the same. "The objection to the removal or rearrangement of any of the monuments," he thinks, "however destructive to the general appearance of the interior of the Abbey, or revolting to the taste of the day, seems insuperable in the present state of public opinion, and, under these circumstances, various schemes for erecting a memorial chapel within the precincts of the Abbey have been laid before the Royal Commission and duly considered. They will shortly be reported upon. Unanimity, however, on such a subject is not to be expected; all that can be hoped for is to lay before Parliament and the public some scheme which will secure a fitting place of sepulture and memorial for the most illustrious of our fellow-countrymen, of sufficient space and dignity for the proper display of sculptured monuments, and at the same time so intimately connected with the Abbey itself as to partake of its prestige and worthily continue its traditions as the last resting-place of those amongst us held most in honor."

The new British Art-Gallery, the decorations to St. Paul's Cathedral (referred to fully last month), the growing use of faience, led up to the following eloquent oration:

"I confess I long to see the time when the Institute shall have so broadened its lines, if they want broadening, that all men who have any pretension to the name of architect, and who are willing to con-

form to the rules and obligations that are deemed essential to uphold the honor and dignity of our noble profession, will feel it incumbent upon them to join us, and help us to become better artists, more scientific constructors, more thorough men of business. The advancement of our art is not best attained, as it seems to me, by every man working in isolated retirement, and there can be no doubt about it that the occasional sight of each other in meetings such as these is productive of the kindly generous feeling with which we should all regard one another.

"The dignity, the greatness of our profession arises from its responsibilities, and in this it differs from all other artistic vocations. The painter has only to please himself in the subject, the inception and the execution of his work. If, when finished, it is thoroughly successful work, in all likelihood it will find a purchaser. The architect, on the other hand, can find nothing to do, can give no satisfactory proof of his capacity until somebody comes to him who is willing to trust him. Consider what that trust is. Not only is he entrusted with the expenditure of large sums of money, but of money expended in such a way as to affect the comfort, the happiness, often the whole tone of the existence of those who employ him. The client who employs a worthless and incompetent architect not merely throws his money away; he has to endure a far heavier misfortune. He has to live the rest of his days in a house, or worship in a church, or conduct his business in an office or a bank which he would willingly erase from the face of the earth if he saw his way to such a termination to his disappointment. But, practically, his annoyance cannot so be put an end to. If the building he has commissioned be ugly, ill-contrived and badly executed, so it must remain—a constant source of trouble to himself, of derision to his friends and the public. We have, therefore, to show ourselves worthy in every way to be trusted. We have to be sympathetic, putting ourselves, so far as we can, into the circumstances of our clients—not leading them into unexpected expenditure, not, on the other hand, following their whims if our greater knowledge and experience tell us plainly that such a course will lead to disappointment: for what would be thought of the doctor who suffered his patient to dictate the nature and strength of the remedies to be prescribed? The architect, therefore, has to be not only an artist and a skilled constructor, but he must learn to appreciate the value of other people's money; he must be considerate, honest, patient, firm; and, above all, he must learn in imagination to put himself in the place of his clients, so as to understand their desires. If he were all this, I believe we should hear little of complaint against the profession. I believe we should be respected as we respect ourselves, each other and our art, which ought to be to us the first consideration, entirely irrespective of material reward.

"It is because this Institute is doing all that such a corporate body can do to elevate our profession, and to give a higher tone to its practice, that I believe in its continued success. Its advance of late years has been very marked. It has not only grown in numbers, but it has fostered a higher standard of professional probity; and that alone is well worth all the trouble which many have taken in its affairs. Its efforts in the cause of architectural education have been already crowned with success, and we are only now on the threshold of that success; its continued prosperity will depend upon the exertions and the conduct of each of its members. May we all remember this, and do all that in us lies to further the increasing usefulness, as well as the corporate interests, of the Royal Institute of British Architects."

Mr. Waterhouse's careful and thorough address has attracted the most favorable attention in the profession, and the gentlemanly tone and feeling running through it ensures it a hearty welcome from all who read it.

FEMALE COMPETITION.¹

A NOBLE future is said by competent persons to await the arts of this country, and although no man ought to prophesy unless he knows, let me add, in concluding this paper, a surmise as to the future. Since 1851, the State has expended money for the purpose of assisting the technic artist; the City and Guilds of London have also come to his assistance. Moreover, the architects, unaided by the State have, by their own energy and with their own money progressed according to their lights quite as fast as those who practise the lower arts. Much more is known at the present day of architectural history, and of the monuments of the world, than at any previous period of the national existence, and the power of artistic delineation recently acquired is amazing. What must come to pass before any real benefit can accrue from all this knowledge and skill is a closer relation between the technic, aesthetic, and phonetic artists, and between them and the architect. To secure this, the technic artists must rise in the social scale: indeed, measures are ripening, which must take effect slowly, and be but slightly perceived at the time, to advance the skilled craftsman. Somewhere in the next century—and the present one has only nine more years to run—the male monopolist will have to contend with female competition, at least in all those callings or occupations that are considered "genteel"; or, in better language, in all the gentle arts. In Europe less than a thousand years ago, men practised those arts which for the

last three hundred years have been almost exclusively practised by women; and at the present time among the Eastern nations all such arts are still the exclusive patrimony of men. But about a year ago, I read in the *Times* a telegram from Calcutta, stating that "at the last primary scholarship examinations in Bengal eight out of twenty scholarships were awarded to girls." What a revolution of thought is concealed in those words! This was not in Bombay, among the commercial Parsees, nor in Madras, where the progress of native education is favored by absence of caste prejudices, but in Bengal, among the Hindus, whose women are kept under lock and key with even greater strictness than was used by the ancient Greeks! As for England, the schools of art and the art academies show almost as many female students as male students; and in all the annual distribution of prizes at the Royal Academy and other similar institutions, and even at the technical schools, the young women come up to receive their prizes with the young men quite as a matter of course or without attracting undue observation. In point of fact, out of a total of 2,119 exhibits in the Royal Academy exhibition of last May some 400 were by women; and one-fourth of the exhibits contributed by outsiders were by women. It may be confidently predicted that such gentle arts as painting and what is still called sculpture—but which is really only modelling—and design of every kind will eventually be practised by women, to the ultimate exclusion of men; that, in fact, the designer pure and simple,—who now often fancies himself an architect,—will be sorely pressed by the "softer man" in their mutual struggle for existence; and that, consequently, the masculine arts of construction will regain the consideration attached to their practice in Roman and mediæval times. Masonry, carpentry, plumbing, wrought-iron work, and other such handicrafts, or arts as they used to be called, will be practised by educated men; and men of imperfect education, who are not skilled in such arts—who have no better knowledge of them than the ordinary unionists of to-day—will be relegated to their proper position of laborers. The sciences will not be much affected by female competition, and if what was once the master-art can maintain its original place among the sciences—if the fatal notion that draughtsmanship suffices to make an architect can be entirely dispelled—architecture may yet successfully resist the blandishments of the better half of human kind.

A GHOSTLY ADVENTURE.



THERE are three reasons that induce me to relate this story: First, that all the parties most concerned in it have long since joined the majority; second, that, judging from the "Story of a Village Church," in the last number of *The Building World*, fiction, or what approaches to it, is occasionally accorded a place in that periodical; and, thirdly, that in its main incidents it is perfectly true.

The adventure did not occur to myself but to my old principal, whom for present purposes we will name Mr. Freeman Thomas. Thirty or forty years ago, when I was his chief-assistant, he had a very large practice, chiefly in building and restoring churches and rectory houses. He

was thought to be very successful, but I notice that his work does not nowadays receive the same commendation that it did in the sixties. Turning over some of the back volumes of the *Builder*, I see illustrated a church which was built by him in a large sea-port town in 1862, and referred to in the leading article in very high terms. Nowadays it is spoken of with disdain by visitors as the least interesting building in the place. So the world rolls on, and the opinions of our boyhood must give place to the superior wisdom of our children.

My principal had one or two peculiarities or idiosyncrasies, whichever you may please to call them, and if I mention these it will be to recall the man himself to the recollection of most who knew him. He had a strange cast in the eye, and, what is more, seemed rather proud of it. He used to say jokingly in the office or to the bricklayers that they had better be careful, because they never could know when he was looking at them. Again, he had curious superstitions. One of these was that when engaged on some restoration which

¹ Extract from a paper on "Arts and Artists in former Times and To-day" read before the Architectural Association, November 12, 1890, and published in the *R. I. B. A. Journal*.

required conscientious treatment, and he was in doubt about any ancient feature to be replaced, he would put the drawings under his pillow with the sure and certain conviction that on waking in the morning all his doubts would be resolved. In these days when theosophy and every kind of sentimental mysticism is in fashion, such things may not be uncommon; but it was a different case altogether to hold such notions in the sixties.

But to my story. I must tell it as nearly as possible as it was related to me in a confidence which up to this moment has remained unbroken. It loses to some extent in telling, because I have never mastered the old west country dialect at which Mr. Thomas was an adept.

About the year 1859, Mr. Thomas was on business in the west of England. As usual, on such occasions, he made a kind of holiday of it, taking three or four days on the road and turning aside whenever there was anything curious to see in the way of antiquities. He was to visit and inspect a church in an odd corner of the west country, where there are no railways, and since the abolition of the coaches from London to Exeter, a little-visited locality. Accordingly, being in no hurry, he determined to walk the last fifteen miles of his journey.

After going three or four miles on his way he was tempted to leave the high road by what appeared to be the remains of a real old Roman causeway cut through the limestone. On following it for some distance he was rewarded by discovering on the brow of the hill an undoubted Roman fort which detained him some time. When at length he managed to tear himself away from it, evening was coming on. Instead of returning to the high road, he pushed straight on along the just perceptible track, trusting that, sometime or other, he would arrive at some human habitation.

Villages are scarce in these regions, and it was quite dark before houses were visible. He came to an inn and called for supper.

Then came the question, where was he to sleep that night?

There was not a bed to spare at the little inn. What sorry accommodation it could provide was all engaged by some relations of the landlord who were stopping with him.

The nearest village was ten miles off. He was just making up his mind to roost in a barn, when a rustic came to the rescue with a suggestion.

"Why not t'old rectory?"

"The very thing," cried the landlord.

It appeared that the rector had died just a few weeks previous and a new parson had not yet been appointed. The house stood empty, but was well-furnished, and could at any rate afford a resting-place for the weary traveller. Bed-clothes, etc., were speedily aired and taken over to the house, which was only about a hundred yards distant.

After supper, while enjoying a smoke in the bar, some of the villagers told Mr. Thomas something of the history of the rectory-house. It was haunted, so they alleged. A former rector had been in league with the smugglers, who abounded in these outlying districts, and had been shot by his housekeeper, by mistake, during a drunken brawl. The old woman was still said to walk in the house at night. However, my principal was not one to take much notice of stories of this kind; he knew the propensity which country folk have for roasting a stranger; moreover, he was tired with his long walk.

He was shown into an old oak-panelled room on the first floor of the house, and without taking much note of the surroundings, got to bed, and was speedily in the land of dreams.

But in the middle of the night he was aroused by the sound of footsteps coming upstairs, but not, apparently, the usual staircase of the house. He listened eagerly. The movement was just behind the wainscot.

Suddenly one of the panels flew open. A tall elderly female with an unearthly white face and bearing a horn lantern, strode into the room, then suddenly started on seeing our hero and cried in a high strident key.

"Get out of this."

And Mr. Thomas did "get out." Gathering the blankets around him, he rushed out of the room, ran up the stairs to the top of the house, where he remained in a state of terror till morning. With daylight, however, his courage returned, as it generally does in such cases, and he returned to the apartment.

The concealed door by which his nocturnal visitor had entered remained ajar. Hastily he dressed himself and entered on a voyage of exploration. The door opened on a narrow staircase down which he ventured till he came to a vaulted apartment from which there was apparently no other exit. On the floor was an earthen pan containing some liquid. He examined it closely, sniffed at it, and finally tasted it. It was very old French brandy.

My principal had seen enough for the present. So he went back to bed upstairs and had a nap before proceeding to the inn for his breakfast.

The breakfast was served by the landlady. Judge of his surprise when he recognized in her pale face and strongly-marked features the female who had disturbed him on the previous night! But he did not show any sign of having recognized her, and answered shortly the inquiries of the landlord as to whether "the ghost" had disturbed him.

After breakfast he resumed his investigations. The inn stood on

the side of the hill, the rectory being half-way down the slope to the valley. On the side running along the garden wall there was a kind of embankment, having the look almost of a mound, like the "giants' graves" so common in the west of England. But what struck him particularly was that this mound ended up abruptly against the wall of the old house. As to the rectory itself, it was of undoubtedly very great age. The walls above the ground-floor were of lath and plaster, and the windows had diamond panes, and the roof was thatched.

He entered the house, sought for the secret door, and again descended the stairway to the apartment where he had discovered the pannikin of brandy. This time, by careful searching, he found a trap-door, by which he descended a sloping pathway. Lighting a candle, he found himself in what was no doubt the smugglers' "hide." There were barrels and barrels of spirit ranged around the walls, and there they had lain for perhaps fifty years.

The solution of the whole mystery was before him. He again returned to the inn, and immediately drawing the landlord aside, accosted him—

"My good fellow, what induces you to keep your spirit store under the rectory?"

Then the innkeeper thought it time to make a clean breast of everything. The tradition of the smugglers' hide had been retained in his family, and from thence he obtained most of the liquor consumed at the inn, between which and the rectory there was an underground passage. His wife was a lineal descendant of the housekeeper who had killed her master, and resembled her so closely that it had been easy for her to figure occasionally as the ghost of this unfortunate female, and thus prevent any close inquiry into her proceedings when she was in the secret room. She was absent on the evening of Mr. Thomas's arrival, and in consequence had been unaware of his presence. She was still more terrified than he was himself when she entered his room and found him there, and had departed with so great precipitation as to leave open the concealed door that had betrayed their whole secret.

In conclusion, the landlord entreated Mr. Thomas so earnestly not to make his discoveries public, that he consented to remain silent. The only stipulation made was that before the new rector entered on his duties, all the casks of spirits were to be removed and the passage filled up.

A few weeks afterwards he read in the newspapers that the old rectory house where he had lodged had been destroyed by a fire, the cause of which could not be traced. In clearing away the ruins, the account said, some remains of an underground passage were discovered, but what its purpose was, or where it led to, could not be exactly ascertained.—*A Middle-aged Architect in the Building World.*

BOOKS AND PAPERS

I HAVE already had occasion to speak of the "*Dictionnaire de l'Ameublement et de la Decoration*," by Henri Havard, the first volume of which appeared in 1887. I desire to recur to it to day as the complete work¹ is published, and forms four magnificent volumes, precious from the double point of view of documental and artistic worth. M. Henri Havard, an inspector of the Beaux-Arts, an art critic long appreciated in his work, attaches his name to a veritable monument which completes and even sometimes corrects the study of Viollet-le-Duc on furniture. Artists must know what researches the different investigations into the regions and history of each of these common subjects actually require while tracing their transformation through the ages, and marking the tendencies and customs of society. For the least question relating to the decoration of furniture one is often obliged to consult numberless general and special works, and oftentimes the hours spent in such researches result in nothing satisfactory, while one is often tempted to abandon an arduous task rendered more difficult by the ignorance which one finds revealed in that source from which he would draw inspiration. M. Henri Havard for fifteen years has carried on this work of compilation for France. During fifteen years he has rummaged libraries, unearthed manuscripts of all kinds, memoirs, correspondence, records of travel, catalogues, building-accounts, statutes, etc., nothing has escaped his investigation, not even the romance and the theatre, which more than once have come to throw light on or direct the course of his investigations. This Dictionary of Furniture, Furnishing and Decoration, from the thirteenth century to our own days, is, therefore, an indispensable work, not only for artists, properly so called, but for every person who is interested in matters of art and art history. The subjects are treated in a really attractive literary form, and the learning of the author is rendered more charming by the quantity of anecdotes which add to the interest. That which is especially precious in the work is the detailed indication of the source from which the different information has been acquired, an indication which prompts one to prosecute individual investigations, and also gives a point of departure both useful and exact as to what-

¹ *Dictionnaire de l'Ameublement et de la Decoration.* By M. Henri Havard, Librairie-Imprimerie réunies. (Ancienne Maison Quintin.) Paris 1890. Price complete, 200 francs.

ever subject of study one may select. This dictionary fills a void which has been noted for a long time amongst the works which relate to the decorative arts and instruction in their characteristics, and it will also render equally acceptable service in all which relates to industrial art.

Addressing myself here to architects, who are naturally interested in everything which has application to decoration and furnishing, but who may, nevertheless, fear that M. Havard's work may treat too especially the subjects in their detail, I will add that there will be found in this dictionary articles which particularly concern them. The decoration, in some sort "mobile" (to make use of the author's own happy phrase), which consists of objects of art, seats, cabinets, bed-hangings, etc., is not the only thing studied, but also those things which constitute the *ensemble* of the ornamentation of a building, which also enters the real domain of decoration.

From this point of view, the article "decoration" is a very interesting *résumé* of the history of styles and their origin. How many curious things one finds in turning over these four volumes which one reads with as an absorbing interest as a novel? How many surprises, for one discovers how many of our pretended inventions are only new because they have been forgotten! Let us take a few words which more particularly relate to architecture: under the heading "escalier," for instance, we shall discover, after a conscientious study of the different staircases in stone, marble and wood, that staircases of iron, which are generally believed to be a very modern invention, really date back beyond our time, and M. Henri Havard gives us the proof of this statement. In fact, he has discovered in some building-accounts of the year 1676 a payment of 300 livres to one Marchand, a locksmith, for three iron staircases for the château of Clagny. Iron floors, also, are much less modern than they are commonly believed, and Mr. Havard teaches us that in the last century iron floors were built with a filling of pottery-ware arranged vertically to prevent the transmission of noise from one story to another. An article in "L'Almanache Sous Verre," in the year 1788, thus mentions this invention: "There is employed in different constructions square terra-cotta pots laid in plaster to fill-in between the iron floors which are now being used." A sketch copied from a manuscript of the fifteenth century, ("Decameron de la Bibliothèque de l'Arsenal"), proves, on the other hand, that spiral staircases, called "escaliers en limaçon," are also older than is generally supposed. Are not these facts curious? They prove at any rate, the great thought that M. Havard has taken with his researches and the comparison of his documents. In a study devoted to the different orders of architecture, we find mentioned the curious attempt made by Louis XIV to create a French order. On December 14, 1671, the "Gazette de France" published the following notice: "The king, desiring that there may be invented a new order of architecture to surmount the Corinthian and Composite orders which are on the inside of the Court of the Louvre, His Majesty, in these last days has caused to be distributed a circular declaring that he will present his portrait enriched with precious stones to that architect, painter, sculptor, or other person who shall best succeed in devising that new order of architecture which shall be called the 'French order.'" We are ignorant of what was the result of this curious competition; but Blondel, in his "Cour d'Architecture" (1683), pretends that out of a million different designs which were submitted under this programme from every part, as well from abroad as within the kingdom, the greater part were only full of extravagances, Gothic chimeras and worn-out allusions."

Elsewhere, under the word "loge," we read an interesting discussion where Viollet-le-Duc himself takes part, the word "loge" being taken as designating a portion of the gallery in a public or private building raised above the ground and opening broadly on the exterior, without grilles or glazed sashes. M. Henri Havard remarks that Daviler, in his "Cours d'Architecture," mentions no example of "loge" existing in France in his time, and he ascribes to the Italians property-right in this word. People, therefore, were surprised then, says M. Havard, that Viollet-le-Duc should, in his "Dictionary of Architecture," devote a long article to the "description of a member of architecture which did not exist, and whose name was not even recognized in France during the epoch which he was studying with so much care. We do not believe that in any French text before the sixteenth century can be found the word "loge," taken in the sense of a portion of a gallery. . . . for the pretended loges, of which M. Viollet-le-Duc presents very curious illustrations and interesting restorations, are simple *créteques*—covered galleries, or *chemins de ronde*, which by this outside passage brought into communication two towers or two sentry-boxes; or, again, it may be a platform or staircase-landing, or a vestibule not enclosed, like that which formerly existed on the court of the Sainte Chapelle; like that which can actually be seen to-day at the Manoir d'Ecoville at Caen; but not really 'loges,' for with us at that time, we have no hesitation in reiterating, the name as well as the thing were unknown; and this first loggia which was built is that with which M. Duban has decorated the inner court-yard of the Ecole des Beaux-Arts. We can also mention that of the Theatre de Châtelet and that with which M. Garnier has adorned the façade of the Opéra."

We see by these few extracts in what spirit this curious work has been carried on—work exclusively M. Havard's, written entirely by his own hand, and illustrated by our best draughtsmen. For these illustrations M. Havard, as he himself states in his preface, has

chosen carefully the documents which could offer to the reader the clearest information, giving preference to objects having an historic character, or those which recommend themselves for their beauty of form and execution:

Among the articles most interesting to architects, I will mention: in the second volume the words "decoration," "écurie," "encadrement," "escalier," "façade," "fontaine," "fresque," "galerie," "grille," "hôtel;" in the third volume, "jardin," "lambris," "lanterne," "lucarne," "marbre," "mascaron," "menuiserie," "mosaïque," "niche," "orangerie," "ordre;" and in the fourth volume, "panneau," "papier peint," "peinture," "perspective," "plafond," "salle," "salon," "sculpture," "serruerie," "trumeau," "vestibule," "vis," and "voûture." I will add that these four volumes contain 2,597 pages, two columns each, quarto in form, and more than four thousand illustrations—cuts in the text and full-page plates—some of them in color: and, finally, that this work, one of the fairest of this age, has been crowned by the Académie des Beaux-Arts, and honored by the subscriptions of the Ministry of Public Instruction, the Administration of Beaux-Arts, Ministry of Commerce and the City of Paris.



[Contributors are requested to send with their drawings full and adequate descriptions of the buildings, including a statement of cost.]

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[The editors cannot pay attention to demands of correspondents who forget to give their names and addresses as guaranty of good faith; nor do they hold themselves responsible for opinions expressed by their correspondents.]

GALVANIZED-IRON AND DRINKING-WATER.

SPRINGFIELD, MASS., December 8, 1890.

TO THE EDITORS OF THE AMERICAN ARCHITECT:—

Dear Sirs,—In the American Architect of November 15th there appears an article by Reuben Haines on the use of galvanized-iron

in connection with drinking-water. The article shows how a man may have a combination of the qualities of a good chemist and of a wretched logician.

When will scientific writers cease to use that absurd meaningless gallon and grain system, when everybody will understand much better the number of grains per million. A million is preferable to one hundred thousand because the latter, in the case of drinking-water, gives too many decimals and no advantage. No advocate of the grain-gallon method of reckoning has a clear conception of, for instance, *e. g.*, 0.77 grains per imperial gallon. Ninety-nine out of one hundred do not know how many grains there are in a gallon and the one who knows it never uses it in his own work.

Admitting his analysis of the water from the artesian well, he throws out the only plausible theory for the oddly composed water which accounts for the large amount of carbonate of zinc and carbonate of ammonia—but he immediately abandons it again and gives one most illogical and incongruous.

With the finding, there seems to be hardly any doubt that the ammonia came into the water from the decomposition of nitrates by zinc in galvanic contact with the iron.

Even in analyses of water, the chemical methods use this reduction of nitrates by zinc and measures them as carbonate of ammonia. To explain this amount of carbonate of ammonia by sewage, as he says, would require a corresponding amount of salt, for there is no animal sewage which does not require, in the minimum, for one grain of ammonia thirty grains of salt. The ratio of carbonate of ammonia to salt, which is about 12 to 8 in this water, would have to be 12 to 300 if the ammonia was derived from animal sewage; I think, also, he used altogether too small a quantity of water for the zinc test to make that test at all reliable.

He quotes a number of authorities which prove that water containing the amount of zinc it would naturally and usually take up from galvanized-iron pipes is entirely harmless, and opposes to them a statement of a Doctor Bartholomew, as aggravatingly vague and unscientific as the famous Josh Billings' saying, namely, "some things can be done, and others too." What is a statement worth which reads, "all of the salts of zinc, when long continued, may produce a train of symptoms not unlike those caused by lead," etc.—"the oxide in large doses and used for a long period," etc.

The writer himself sees that these statements refer to "large quantities," but nevertheless, he considers those Josh Billings' statements as weighty evidence worthy of consideration, while they are not even worth the ink to print them.

What is "long" and what is "large"?

Exactly a similar statement may be made in regard to water, as, for instance, "when taken internally in large doses for a longer or shorter period of time, it produces death—by drowning," but that does not prove that in ordinary doses there is the least harmfulness.

When a chemist has to go to ridiculously vague expressions like "properly galvanized," his case is lost, unless he gives a clear definition of how many grains more the "properly" consists, to distinguish it from the *improperly*. Of course, there are degrees of exactness in clear logic, and while we may not reach the ideal, almost anybody can get nearer to it than the authorities quoted in support of a dark insinuation of the terrific effects of water that flows through zinc pipes.

CHARLES MAYO.

NOTES BY CHIPPINGS

AN ARCHEOLOGICAL DISCOVERY IN INDIA.—The *Pioneer of Allahabad* reports an archaeological discovery of some importance at Maheswar, in the Rungpore district. Some children, while playing among ruins there, unearthed two beautiful groups of statuary, cut from the hard black basaltic stone found near Gya. Both represent mythological deities with features of a Græco-Buddhistic type. The first is two feet in length by twenty inches in breadth, with a depth of six inches. It represents Vishnu or Basudeb, the emblem of the preserving power in nature. The central figure stands on a lotus, and its four hands grasp a club, wheel, lotus, and conch. On the head is a tiara three inches in height, which, with the earrings, necklace, bracelets, waist-chain, and sacred thread, are rendered with a wonderful degree of delicacy and finish. To the right and left stand figures of Laksmi, the Goddess of Wealth, and Saraswati, who patronizes learning, each ten inches in height. Round the central group are seven minor deities armed with bows and arrows and riding on horses and elephants. The entablature is surmounted by a head of the Avalar, known as Nrisingha. On the base is an inscription said to be in the Landsa character, a mixed form of Devanagiri and Tibetan. The second piece of carving is smaller and the workmanship, though good, is not equal to that of the other group. It is sixteen inches high, twenty inches broad, and six inches deep, and represents a Pauranic goddess. The figure is seated on a lotus, and is four-armed. The lower left hand supports a male infant, the corresponding right hand a sweetmeat, and the two upper grasp branches of trees. This group also has an inscription in Landsa, which, however, has defied elucidation. Both pieces of sculpture are in excellent preservation, the tracery being as clear-cut as if it had just left the artist's hand. History and tradition are alike silent as to the origin of these curious relics; and it will probably remain a puzzle how an inscription in bastard Tibetan should be discovered at so unlikely a spot. The keenest excitement was caused by the discovery among the Hindoo population. Apart from the intrinsic value

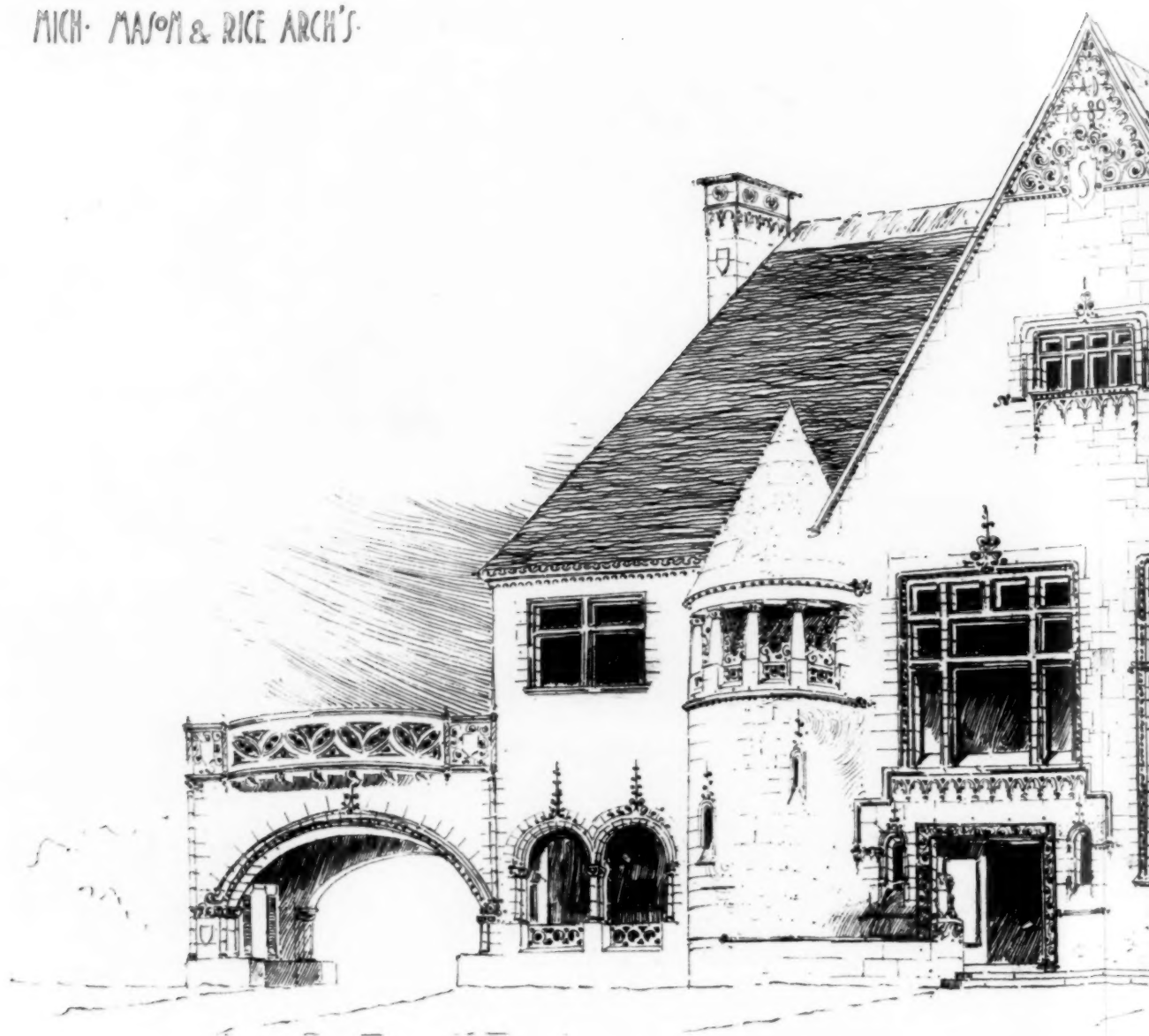
of the carvings, which is considerable, they are objects of worship. During their temporary sojourn at the local police-station, they were visited by crowds and smothered with sweet oils and flowers. Various claimants came forward, and in order to avoid litigation, the district magistrate made them over to the local Hindu religious association. They have been built into the wall at one end of its hall, where they were inspected with interest by Sir Stuart Bayley during his recent visit to Kungpore.—*London Times*.

THE DECAY OF SANDALWOOD CARVING.—The following is from the *Calcutta Englishman*: Among the exquisite arts for which the Indian people have long been famous, sandalwood carving is one that neither Government nor native patronage can rescue from inevitable decay. Parsees have taken up the art in Bombay, and by employing their own methods and enterprise on it, have found a market and established a trade, although their work bears no comparison with that of Mysore, the home of the art. The sandalwood carvers of Mysore turn out work which is indeed exquisite, and their skill is acquired by slow years of patient practice from boyhood. But the decay of this and other laborious Indian arts is inevitable. The native courts, which used to be the chief patrons of indigenous art, have now the products of all Europe competing for their favor, while, on the other hand, the European markets, which might be open to Indian wares, are impatient of India's tedious methods and stinted supplies. Meanwhile, even conservative India cannot resist the rush of the railway and the whirl of education. Her boys will not sit down for years in one shop without a thought except to perpetuate for generations to come the few and curious ideas of generations foregone. Sandalwood looks pretty and smells sweet, but the School of Art, with its morning school and its Saturday holiday, is killing the ancient order of Mysore carvers.

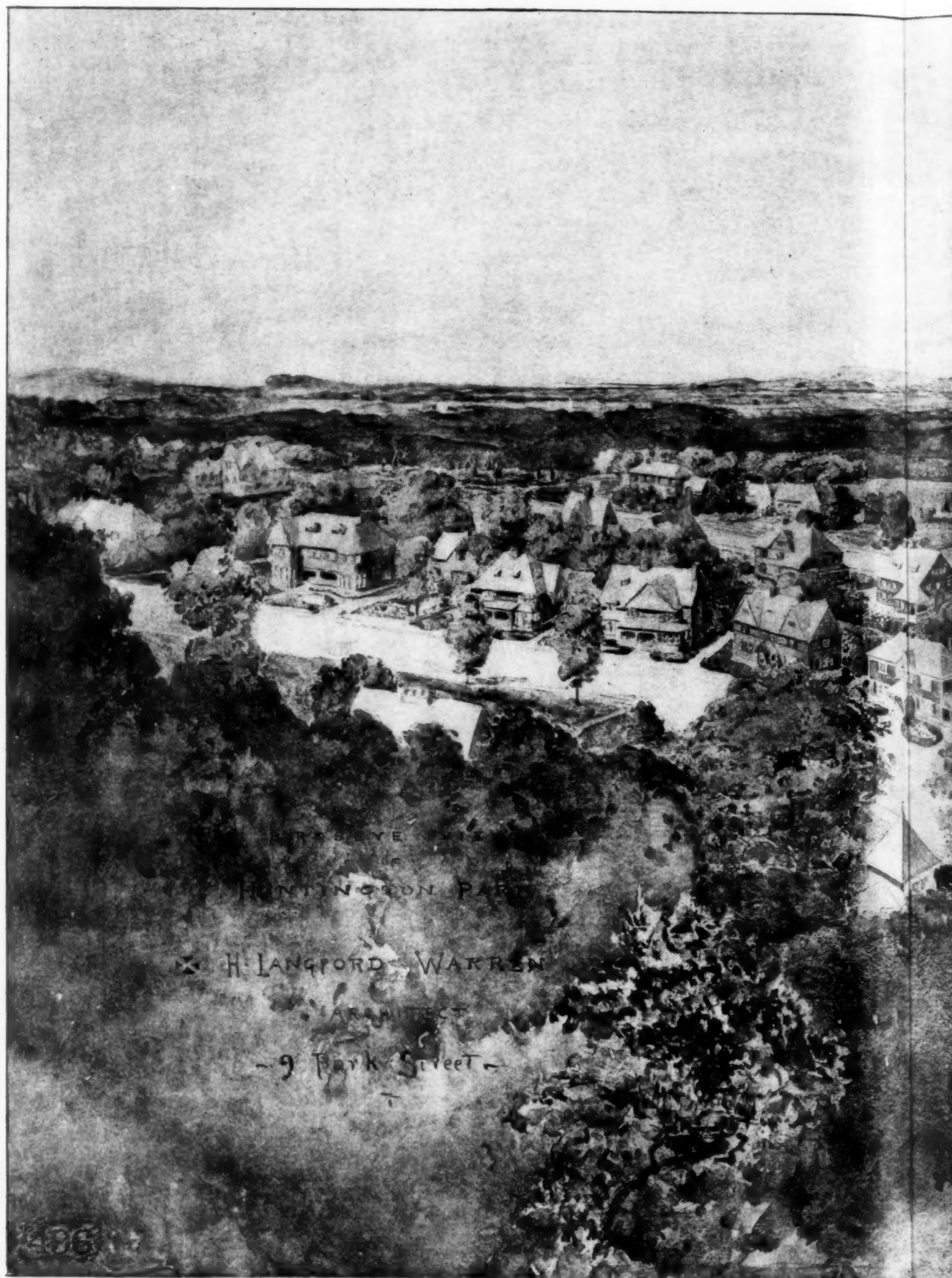
TRADE SURVEYS

THE business interests of the country are watching with the utmost anxiety the foot-ball policy being pursued at Washington with reference to monetary legislation. Political, rather than statesmen-like consideration is actuating the leading spirits. In anticipation of an increase in currency, confidence has already been partially restored. Among the outside favorable interests which have developed themselves are the receipts of gold from abroad, the harmony in the Western Railway situation, the expected postponement of the payment of duties, the increase of money over the legal reserve at New York, and the improving confidence in manufacturing and commercial circles generally. While there is a great scarcity of money, bankers are showing an ability to deal with the stringency to the extent of preventing disaster. Financial matters are growing more encouraging every day; the rate of interest is declining; for this season of the year the volume of business being transacted is very large; the net earnings on 117 railroads for the year show an increase over last year of over six million dollars; the gross earnings of same number of roads for ten months this year were thirty-six million dollars over same time last year; operating expenses, however, were greater; our foreign trade is also increasing, the figures for the first ten months for this year in millions of dollars being 1,386, as against 1,288 for same time last year; the most earnest organized efforts are being made to expand the export trade at all points from Boston to Galveston. The Southern export trade is receiving special attention, and according to latest accounts six steamship lines will be established next year between various Southern points and foreign countries. It is quite probable that foreign capital will be interested in establishing additional lines between North Atlantic ports and foreign countries. Just what encouragement the investors in these commercial schemes are receiving does not at present appear, but the presumption is that the millions that are to be invested in new lines are being invested upon actual, rather than prospective conditions and results. One of the most encouraging features in the commercial situation is the promptitude with which collections have been made within the past two weeks. Commercial authorities think there will be very few failures as a result of the recent stringency. It is estimated that over one hundred million dollars will be added to the circulation during the holidays from small savings that have been hidden away for months. Jobbers, brokers and middle-men generally say that the conditions are all sound for satisfactory settlements at the close of the year, and that the prospects are favorable for a very large trade during the first quarter of the year. In the heavier industries, all these indications are shown; there are scarcely any heavy stocks of iron, lumber, cotton, wool or coal. The demand for crude and finished products is certainly no less now than for twelve months past. Apart from the weak financial situation, there is no occasion for complaint or apprehension. At the leading equipment manufacturing establishments throughout the United States there is a great rush of work, and the fact deserves special notice that during the past six weeks even more work has been received than during any previous like period this year. Persons who take a pessimistic view of the situation say that these favorable indications are the result of a momentum which will soon be exhausted; railway managers predict in exactly the opposite vein; there will be in all probability a slight general advance in freight rates; in fact there is a probability that there will be a slight general improvement in price of manufacturing products generally; a month ago, reputable business men felt otherwise, but things go frequently by contraries, and contrary results are now developing themselves. Builders, constructing engineers, architects and large investors in building operations, so far as these classes have expressed their opinions with reference to 1891, say that nothing yet has occurred to justify any general restriction of activity. The accumulations in building and loan associations are being invested in houses as fast as made; at the same time it will not do to place too much reliance on surface indications; there is an immense amount of unliquidated indebtedness, and no permanent safety can be relied upon until this liquidation has gone to a much greater extent than it has at present. The threatened financial stringency has been temporarily averted; vast business and financial interests came to the rescue of friends and associates in business, because they could not afford to let a general break occur. The present quietude is due to selfish reasons. The possibility of a general decline in values was threatened, and even now is, yet it is true there is an upward tendency in prices, but this tendency is based upon the anticipation and belief that the evils which have been allowed to gradually accumulate in our financial management, will be corrected.

PROPOSED RESIDENCE FOR
MR. A. L. STEPHENS DETROIT
MICH. MASON & RICE ARCH'TS.







EROSIVE
HUNTINGTON PARK
X H. LANGFORD WARREN
ARCHITECT
- 9 Park Street -

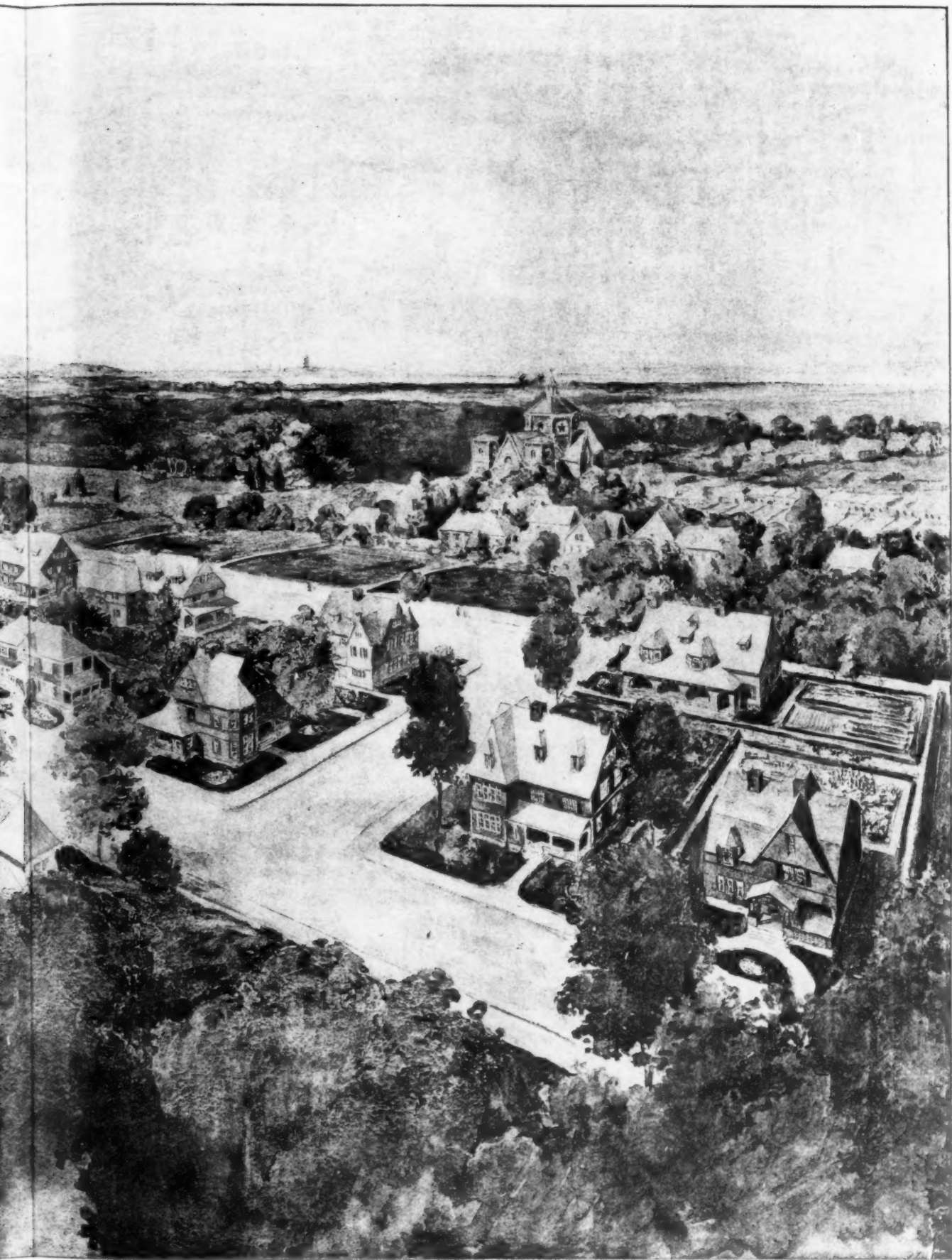
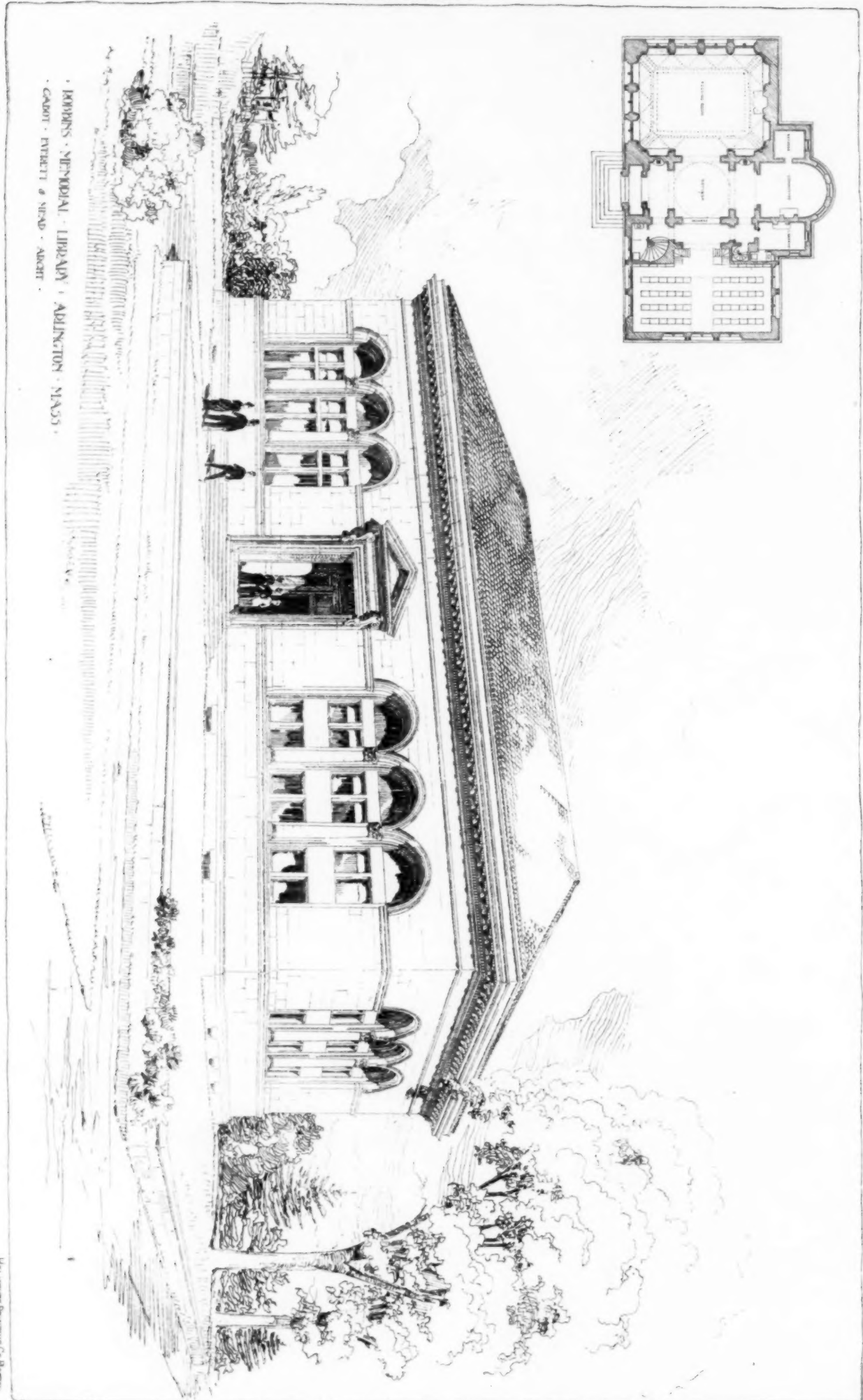


Illustration by J. B. B. B.

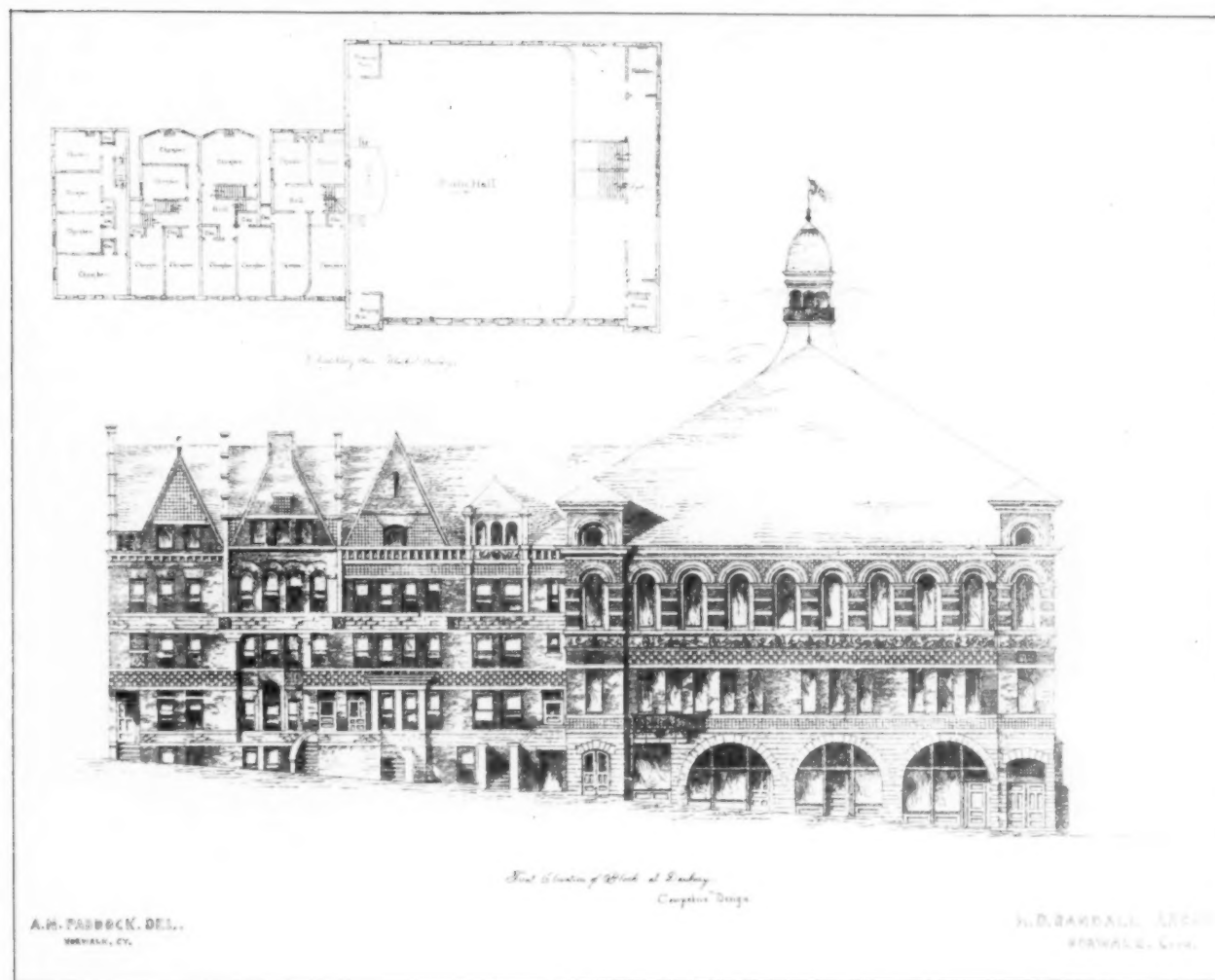
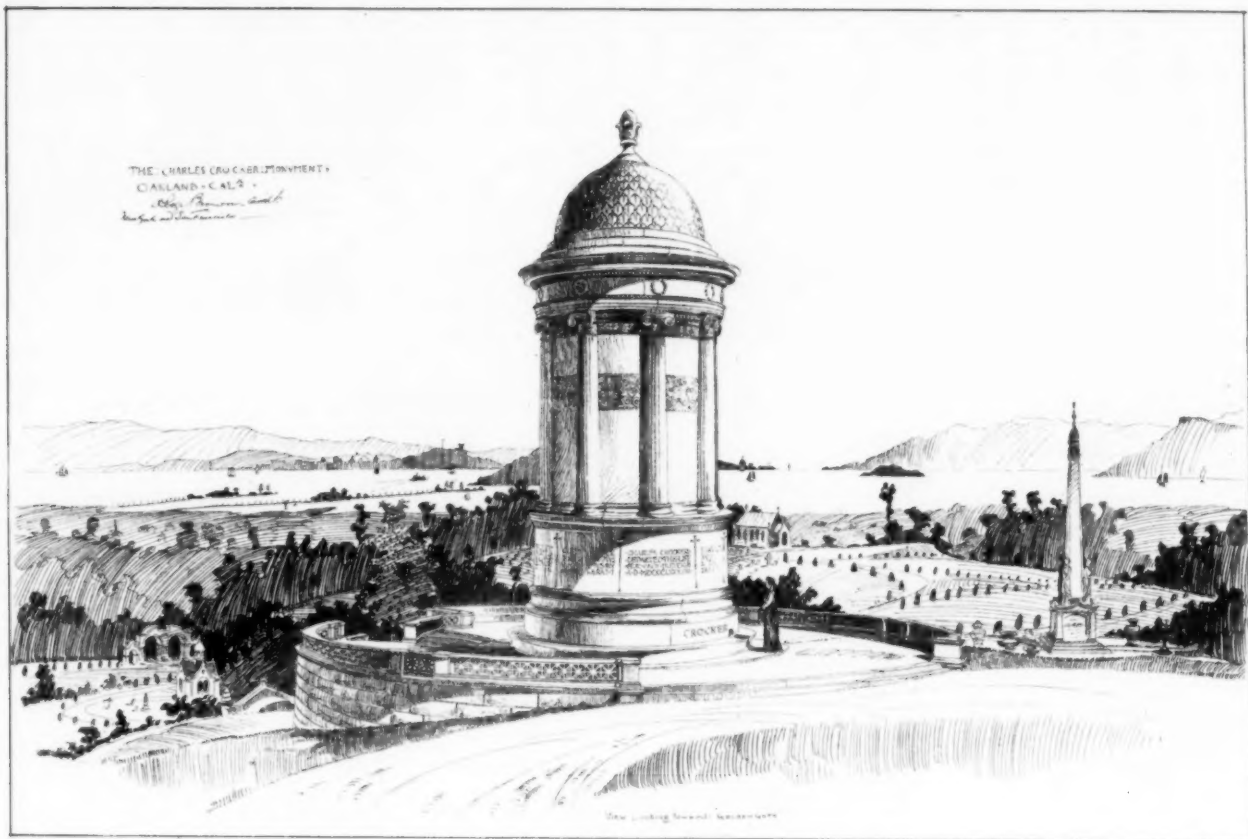
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THE AMERICAN ARCHITECT AND BUILDING NEWS

ADVERTISERS' TRADE SUPPLEMENT.

No. 100.

SATURDAY, OCTOBER 4, 1890.

VOLUME XXX.
No. 71.

THE GORTON SOFT-COAL BOILER.

It will be seen by an examination of the cut that the Gorton Soft-Coal Boiler is unlike any other boiler for heating purposes.

It is designed especially to burn the soft coal which is so abundant in many portions of the South and West, but which, from its tendency to deposit unconsumed carbon or soot, which is an excellent non-conductor of heat, upon the heating-surfaces of the boilers in which it is used has given much trouble to those who have used it, and, indeed, has rendered its use far from being economical in spite of the cheapness of such fuel.

The thick black smoke which causes the deposit of soot is given off when the coal begins to burn or coke, and ceases when that part of the combustion is completed. The arrangement of our soft-coal boiler is such that none of the smoke resulting from the coking process is permitted to reach any of the heating-surface until it has passed through the middle and hottest part of the fire, where, by the intense heat and the admixture of sufficient additional air that is drawn through the fire, the smoke is entirely consumed and converted into a clear bright flame, thus utilizing and making effective that part of the fuel which is generally wasted.

The boiler, as clearly shown in the illustration, is surrounded by a non-conducting jacket of galvanized-iron lined with asbestos sheeting. The main or tubular part of the boiler is

separated from the fire-pot by a casting, in the form of an inverted cone, that forms the upper part of the annular coal-reservoir or coking-chamber. The upper or larger end of

hottest part of the fire and is protected by a water-ring which is connected by circulation-tubes to the boiler above, and being thus kept full of water is prevented from burning, and

makes a valuable addition to the heating-surface.

The area of the opening in the water-ring being less than that of the furnace chamber, the gases pass through it with more rapidity, the atomic contact is greater, and therefore a greater mingling and diffusion of the gases takes place while passing through said opening than would were the opening larger; and when released among the tubes, above the cone ring, they expand, giving off an extremely clear and intense heat.

The lower part of the coking-chamber is formed by an annular water-leg, that is also connected with the boiler above by suitable circulation pipes.

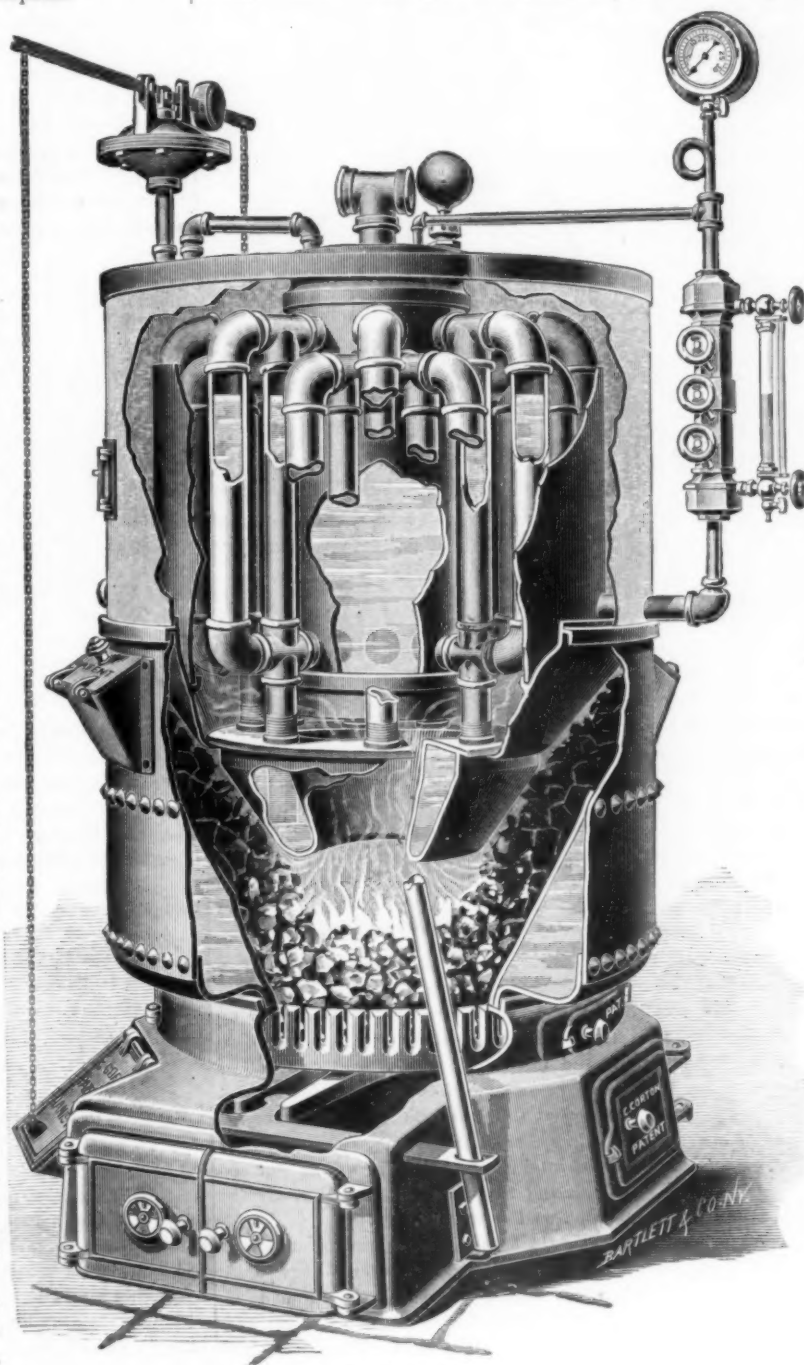
The position of the coal pockets is such that the reservoir can be as easily filled as an ordinary kitchen range.

The reservoir will hold enough coal to last from twelve to twenty-four hours.

The fingered ring which surrounds the grate allows the air to pass through the fire, thus keeping up a sharp fire long after the grate is covered with ashes.

GORTON & LIDGER-
WOOD CO.,
96 LIBERTY ST., N. Y.

THE Whittier Machine Company have recently put in for the Cranford Paving Company of Washington, D. C., two horizontal steel boilers, each five and a half feet in diameter.



The Gorton Boiler.

the cone ring rests on the water-leg, the lower or small end extends well down into the

METAL CEILINGS.

THE plan of plastering the interior of our buildings has been so long in use and has obtained so firm a hold on the public, that it will probably be a work of time to bring into general use any substitute for it. Nevertheless, it will readily be acknowledged that no matter how carefully it may be done, either as a ceiling or a side-wall finish, plaster is open to many serious objections: It stains readily; it is very porous and may fill with germs of disease, and a very little vibration causes it to crack and fall off in patches, rendering it unsightly, while in case of fire, the water necessary to put out the fire will wet and soak the plaster, destroying it completely; or a slight leakage in the roof or the water pipes will stain it and finally cause it to crack and fall off.

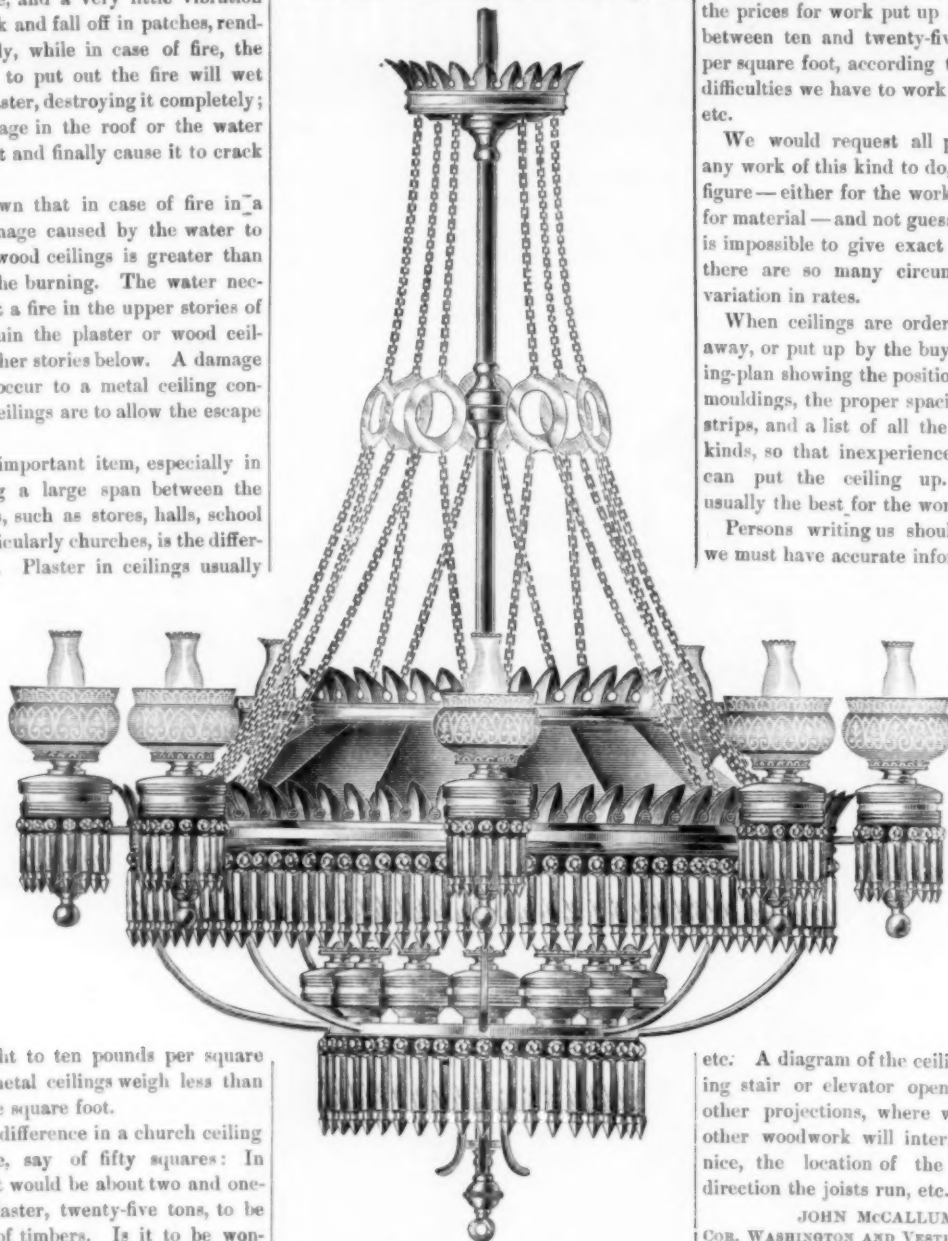
It is well-known that in case of fire in a building the damage caused by the water to the plaster and wood ceilings is greater than that caused by the burning. The water necessary to put out a fire in the upper stories of a building will ruin the plaster or wood ceilings of all the other stories below. A damage that could not occur to a metal ceiling constructed as our ceilings are to allow the escape of water.

Another very important item, especially in buildings having a large span between the supporting walls, such as stores, halls, school houses, and particularly churches, is the difference in weight. Plaster in ceilings usually

ally without any interference with the business.

Our sheet-steel ceiling [Kinnear's Patent] differs from others in various points of construction and appearance, and while it possesses the same permanent and durable qualities of the other metal ceiling, it has the advantage of a superior construction, making invisible joints and entirely concealing the heads of nails used in fastening up the panels, etc.

The smooth central portions of the panels



The Frink Reflector, 1141.

weighs from eight to ten pounds per square foot, while our metal ceilings weigh less than one pound to the square foot.

Estimate this difference in a church ceiling of ordinary size, say of fifty squares: In metal the weight would be about two and one-half tons; in plaster, twenty-five tons, to be supported by roof timbers. Is it to be wondered that the roof timbers sag, the walls spread, and the plaster cracks and falls off, as the jar of handling merchandise on floors over a store, the running of machinery, the tread of school children in our school-rooms, the stamping and applause in a music-hall or theatre, should loosen and cause to fall this weight of weak plaster?

Wood ceilings, while not open to the same objection as plaster, are still objectionable on account of their inflammability, and their liability to shrink, permitting dust and dirt to sift through and gather at the joints, making long black lines in the ceiling which no amount of painting can cover.

There is no use to which these ceilings have given such perfect satisfaction as in their applications over old plastered ceilings. This we do without removing the old plaster, causing no muss, making little or no dirt and in much less time than it takes to replaster, and gener-

ally are capable of receiving the highest degree of decoration.

This ceiling, it will be observed, is made up of panels of various sizes, with mouldings, etc., pressed into each. All panels are made of the highest grade of sheet steel, pickled and cold-rolled, stamped with dies in a powerful drawing-press, thus insuring uniformity of finish, leaving the mouldings and surface smooth and free from buckle and ready for painting and decorating.

Where a high degree of ornamentation is desired, we use for centrepieces a large panel, four feet square. These panels are made of galvanized-iron, pressed in various forms, and carefully soldered together. These panels are gotten up in four or five different designs, and make the finest and richest finish for centres that could be devised.

In conclusion, we wish to say, in regard to

our panelled sheet-steel ceiling, that it is the latest metal ceiling put upon the market and combines all the good qualities of its predecessors together with many new and novel improvements, and we are prepared at any time to submit designs showing how this ceiling or any other of our many patterns will look when in position.

In conclusion, we would say that the prices of our different ceiling materials vary from four to ten or twelve cents per square foot, according to the material, design, etc., and the prices for work put up complete will run between ten and twenty-five or thirty cents per square foot, according to size of job, the difficulties we have to work under, the design, etc.

We would request all persons who have any work of this kind to do, to get our exact figure—either for the work complete, or else for material—and not guess at prices, etc. It is impossible to give exact general prices, as there are so many circumstances to make variation in rates.

When ceilings are ordered to be shipped away, or put up by the buyer, we send working-plan showing the position of all panels and mouldings, the proper spacing of the furring-strips, and a list of all the pieces of various kinds, so that inexperienced men, if careful, can put the ceiling up. Carpenters are usually the best for the work.

Persons writing us should remember that we must have accurate information, measures,

etc: A diagram of the ceiling is useful, showing stair or elevator openings, chimneys or other projections, where window frames or other woodwork will interfere with the cornice, the location of the chandeliers, the direction the joists run, etc.

JOHN MCCALLUM & CO.,
COR. WASHINGTON AND VESTRY STS., NEW YORK.

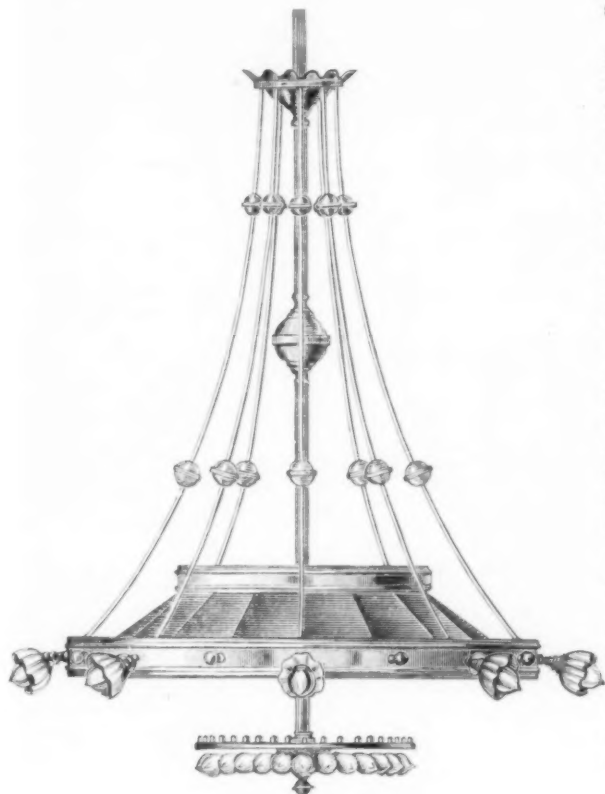
IMPROVED REFLECTORS.

MR. I. P. FRINK has been made famous in the United States through the introduction of his "Great Church Light," Frink's Patent Reflectors, as there is hardly a church or a hall of any pretensions where they have not been introduced with gas, and it is safe to say there is no place where they have not fully met with the expectations of the purchaser. Now that the electric light has been so generally introduced it has been found necessary to use his system of reflectors with the incandescent electric light, he therefore has issued a catalogue containing a variety of reflectors to be used with incandescent lamps, one of which, No. 1152 E., we will illustrate. This represents a fixture containing one of his double-cone reflectors, lined with silver-plated corrugated-glass, with a cluster of gas-lights and one of incandescent lamps underneath, to thoroughly

illuminate and evenly diffuse the light in a large audience-room. It also has attached electric lamps on the outer rim, giving it the appearance of an electrolier.

Mr. Frink is now executing orders for the finer class of reflectors to be used with electric light for churches in Wilmington, N. C.; Goldsboro, N. C.; Spokane Falls, Wash.; Montesano, Wash.; Columbus, Ga.; Newburgh, N. Y.; Middletown, N. Y. and Hackensack, N. J.

His reflectors for use with gas are so well-known to all that an illustration is unnecessary. He has now on hand orders for these to light prominent churches and theatres from all parts of the United States and many from



The Frink Reflector 1152 E.

foreign countries, covering all quarters of the globe.

In his catalogue, just issued, he has shown several new designs for use with oil, one of which, prismatic double-cone reflecting chandelier No. 1141, we illustrate. These are used in lighting the better class of churches, theatres and public buildings, where no gas can be obtained. It has a series of lamps underneath the silver-plated corrugated-glass reflector, reflecting and diffusing a strong and pleasant light to every corner of the room, the strongest light being thrown down where most needed. It is handsomely finished, closely trimmed with cut-glass prisms and the lamps outside of the reflector give it the graceful appearance of a chandelier. When the burners underneath and on the outside of the reflector are all lighted the effect is brilliant indeed.

He is now furnishing this class of reflectors to the Presbyterian Church, Knowlton, N. J.; M. E. Church, Oriole, Md.; M. E. Church, Cambridge, N. Y.; M. E. Church, McConnellsville, Pa.; Reformed Church, Wurtzboro, N. Y.; Baptist Church, Marion, Va.; Reformed Church, Little Falls, N. J.; M. E. Church, Stony Point, N. Y., and Presbyterian Church, Flanders, N. J.

L. P. FRINK,

NEW YORK.

PERFECTION DINING-ROOM RADIATOR.

We are confident a consideration of our claims will convince all those in need of steam or hot-water dining-room radiators that the "Perfection" is superior to all others on the market. The Perfection radiator has three doors. The upper portion of the closet with double doors when open discloses two shelves twenty-one inches long, thirteen inches wide, with nine inches space between each. The lower portion of the closet with drop door, has one shelf the same length as those in the upper portion, and when the door is dropped forms a very convenient rest or shelf in addition to the shelf in the oven.

It is so constructed as to form a continuous steam or hot-water chamber around the entire closet, making it air-tight and overcoming completely the difficulty experienced by using radiators of this type where the hot-closet sets upon short loops, which not only prevent the possibility of heating the oven to nearly so high a temperature as can be obtained in the "Perfection," but also causes the dust and dirt to settle in the oven—a most objectionable and disagreeable feature which our superior construction entirely overcomes.

The ornamentation on the hot-closet has been made to harmonize with the design of the radiators, producing a most artistic and ornamental effect, and makes the radiator an indispensable convenience to any well appointed dining-room, and

an ornament as well to the finest and best finished apartment.

MICHIGAN RADIATOR & IRON CO.,
DETROIT, MICH.

THE BOSTWICK METAL LATH.

A NEW metal lath is just ready for the market. This lath and its applications are very thoroughly illustrated in the accompanying engraving.

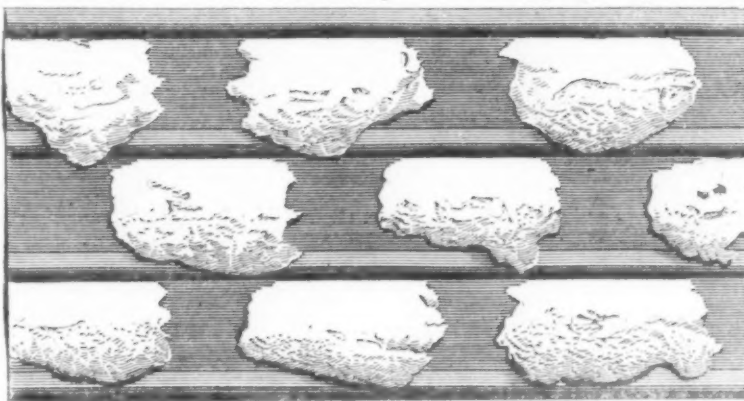


Fig. 2. View of the Bostwick Metal Lath on the reverse side when plastered with ordinary mortar.

ings. It may be described as a sheet of metal corrugated longitudinally, and having between the corrugations certain slits cut in the metal, the metal between the slits being stretched or expanded, forming loops projecting on one

side of the sheet. The plaster, when applied, passes under the loop and through the opening, thus forming a double key to the mortar.

The general utility of metal laths is recognized at the present time. The superiority of this material over wooden laths needs scarcely to be recounted. To certain points, however, we will direct attention. First and foremost is the fact that the lath itself is fireproof, and that its employment, even with wooden studding and ceiling-beams, renders the house or building in which it is employed

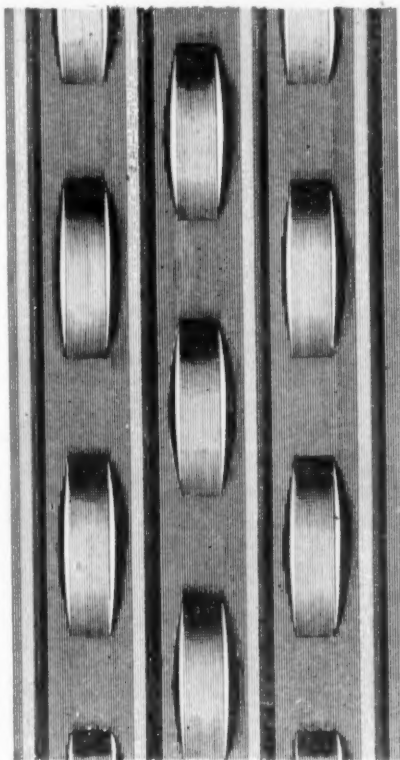


Fig. 1. General view of the Bostwick Metal Lath with the loop projecting to the front.

measurably fireproof, thereby realizing a large saving in insurance. The ease with which this material may be put in place is likewise referred to among the advantages set forth by this company. They also assert that it has already been demonstrated that a workman can put on about three times more of this metal lath in one day than he can of the ordinary wooden lath. Again, the mason can plaster a much larger number of square feet of this metal lath than he can of wooden lath in the same period of time. Metal lath will make a stronger wall than wooden lath and one which is less liable to crack in the usual process of settling. The keying secured by

the metal loops is superior to the keying obtained by the use of wooden lath, which causes the plaster to be less liable to fall off when jarred by any cause. Again, a smaller amount of plaster will cover the same space,

resulting in a still further saving for the metal lath. This saving of plaster follows, because in the first instance the surface to be covered is even and unyielding, and second, the openings being uniform and sufficient to guarantee a strong key, will not admit of waste mortar falling off from the back of the lath. As

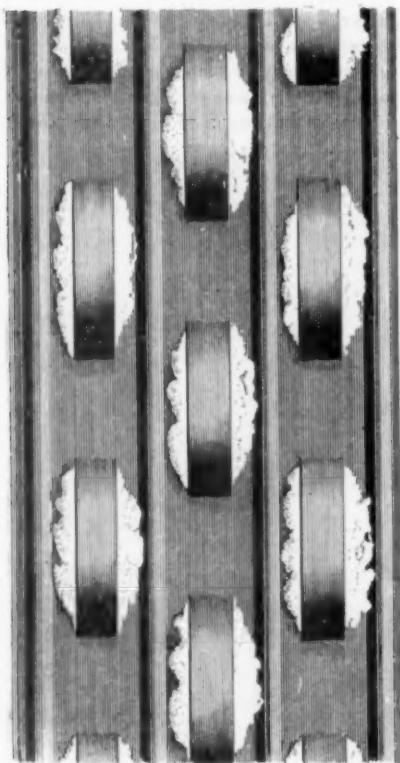


Fig. 3. The Bostwick Metal Lath used with Adamant or Granite Plaster, which is applied on the reverse side, affecting a saving of material.

summing up these advantages and others, the company set forth that a wall finished with this metal lath will cost but little more than if wood lath is used.

Referring to the engravings, Figure 1 shows

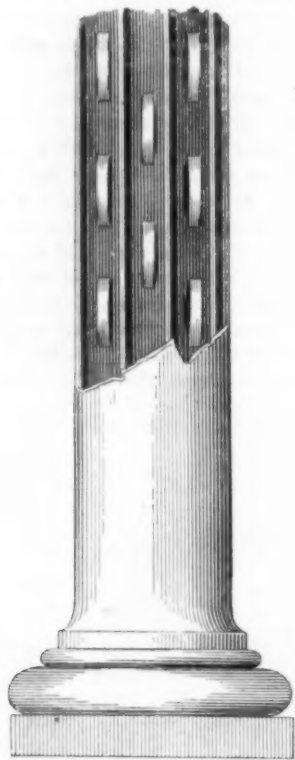


Fig. 4. An illustration of the use of the Bostwick Metal Lath in architectural embellishments.

a general view of the lath, with the expanded loops and corrugations; Figure 2 shows the Bostwick lath on the reverse side when plastered, and indicates the double key of mortar; Figure 3 shows the lath when Adamant or Granite plaster is used. These materials are applied on the reverse side, making a

strong key and resulting in a saving of plaster. Figure 4 indicates how the lath may be used as a foundation for architectural embellishment, as, for example, in a fluted column. The new catalogue, which the company have just ready for distribution, contains a number of illustrations, additional to those presented herewith, indicating the great utility of the article.

BOSTWICK METAL LATH CO.,
38 PARK ROW, NEW YORK.

GRIMSHAW WHITE CORE WIRES.

The Grimshaw Patent White Core wires and cables resist acids, heat, cold, moisture and sewer gases. They are of the highest insulation, do not crack, soften or deteriorate, and retain their pliability and insulating qualities under all conditions of exposure. Years of trial have demonstrated this fact.

Our indestructible White Core is superior to anything now made, where it is necessary to protect conducting wires from exposure to heated surfaces of boilers, steam-pipes, etc., moisture in mines or tunnels or underground conduits, and is now being used very extensively by the principal Telegraph and Electric-Light Companies, Sugar-Refineries, Paper-Mills, Dye-Works, Breweries, Steamships, Yachts, etc.

Special care is taken in the preparation of the compound, and it is applied by the most approved machinery, all of which is patented.

We use on this wire, after the compound has been applied, one or more wrappings of our well-known Grimshaw Insulating Tape, which protects the conductor from mechanical injury, as well as improving its insulating qualities.

Owing to the high reputation we have attained for our wires, there are several imitations in the market, and we respectfully call attention to our published letter of warning.

Prices on cables, any number of conductors for Telegraph, Telephone or Electric Light, for aerial, underground or submarine use, sent on application.

All wires manufactured by us are immersed in water at temperature of 75 degrees Fahr. from two days to two weeks before testing, and a certificate of test will be furnished if desired.

N. Y. INSULATED WIRE CO.,
649-651 BROADWAY, NEW YORK CITY.

DISSOLUTION OF PARTNERSHIP.

OFFICE, No. 1705 CHESTNUT STREET,
PHILADELPHIA, September 1, 1890.

To all whom it may concern:

The partnership heretofore existing under the firm name of Austin, Obodyke & Co., is dissolved by mutual consent, William Austin, senior member, retiring, taking effect September 1, 1890.

The accounts due and payable in connection with the corrugated-pipe department will be settled at office, No. 1705 Chestnut Street by B. P. Obodyke, he having purchased of William Austin his entire right and interest in the pipe department.

The accounts due and payable in connection with the roofing and cornice department will be settled at office, No. 35 S. Twenty-third Street, by Gara, McGinley & Co., they having purchased of William Austin all his right and interest in that department.

WILLIAM AUSTIN.
B. P. OBDYKE.
H. C. GARA.

CARD.

The corrugated-pipe business will be continued as heretofore at office, No. 1705 Chestnut Street, by the undersigned, under the firm name of W. Austin Obodyke & Co., due notice of which will be given to the trade by circular.

W. AUSTIN OBDYKE,
B. P. OBDYKE.

CARD.

The roofing and cornice business will be continued at No. 35 S. Twenty-third Street, by Gara, McGinley & Co., under the title of The Austin Metal Roofing and Cornice Works, due notice of which will be given by circular.

H. C. GARA.
E. C. MCGINLEY,
JOHN T. GARRATY.

NOTES.

NEW YORK, Sept. 8, 1890.

TO THE EDITORS OF THE AMERICAN ARCHITECT:—

Dear Sirs,—We inclose herewith a copy of letter received by us from Messrs. Crossmon & Son, and as theirs is a very well and favorably known hotel, we feel justly proud in receiving their continued orders for repainting same, and shall feel obliged to you if you will reproduce the letter in your paper, and call the attention of your readers to it.

Yours very truly,

H. W. JOHNS M'F'G CO.

THE CROSSMON, THOUSAND ISLANDS,
ALEXANDRIA BAY, N. Y. Aug. 25, 1890.

H. W. JOHNS M'F'G CO., NEW YORK CITY.

Gentlemen,—We intend painting our house this fall, and do not intend asking for any bids from any other paint house than yours.

Ship us at once by New York, Ontario and Western Railroad, care Rome, Watertown and Ogdensburg R. R., 150 gallons paint as follows: . . . Trusting that there will not be any delay in shipping, we are,

Yours truly,

C. CROSSMON & SON.

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SPECIFICATIONS are out and bids are advertised for the erection and completion of two sets of Officers' Quarters, separate buildings, at West Point, N. Y. The specifications for heating apparatus call for two No. 2 Gorton Boilers, Messrs. Gorton & Lidgerwood Company, New York, Chicago and Boston, sole manufacturers. The United States Government is now using quite a number of Gorton Boilers, in different sections of the country.

THE New Jersey Wire Cloth Co., having obtained possession of the patents of the Stanley Corrugated Wire Lathing Co., are now the sole manufacturers of corrugated wire lathing.

NEW YORK City is soon to have one of the finest musical-entertainment halls in the United States. The Carnegie Music-Hall, located at 57th Street and 7th Avenue, New York, the gift of Andrew Carnegie, is now very nearly completed. It is a very attractive and imposing building, constructed principally of Milwaukee pressed brick. It is built from the plans of architect Wm. B. Tuthill, 52 Broadway, New York. Charles H. Davis, also of that city, is the engineer in charge. A feature of the Carnegie Music-Hall will be the lighting arrangements. It will be lighted throughout with electricity, the Thomson-Houston system of electric lighting being employed. There will be 4,000 incandescent lamps. The wiring of the building for these lamps is to be done exclusively with the Grimshaw White Core Wire, manufactured by the New York Insulated Wire Company, 649-651 Broadway, at a cost of about \$15,000. In this connection it will be noticed that large quantities of this celebrated wire have been put in many new and notable buildings within the past three or four months, all of which goes to show the just appreciation of its merits and the high favor in which it is held by architects and builders, and the public in general. The new World Building is wired almost entirely with the New York Insulated Wire Company's popular specialty.—Exchange.



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This pre-eminent qualification in your cement I find to be due almost entirely to the care exercised in its manufacture; first in the selecting, sorting and grading of the natural rock, and, second, in the burning, grinding and mixing of the products."

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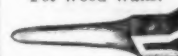
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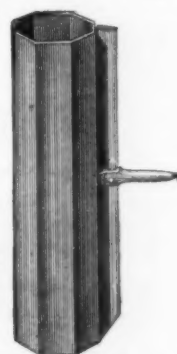
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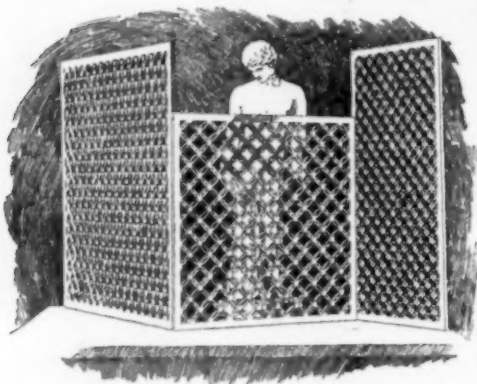
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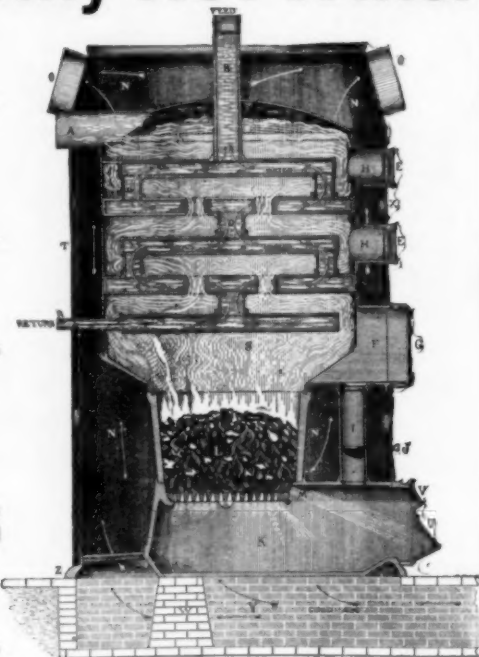
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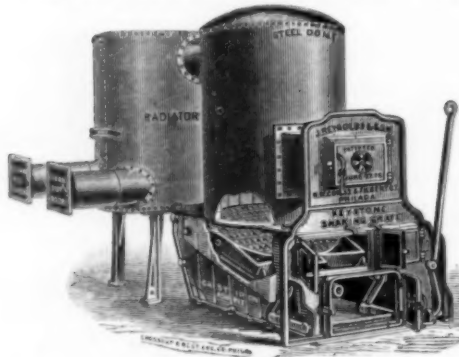


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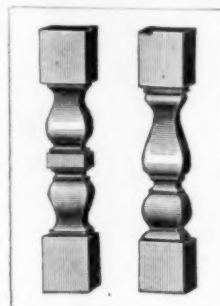
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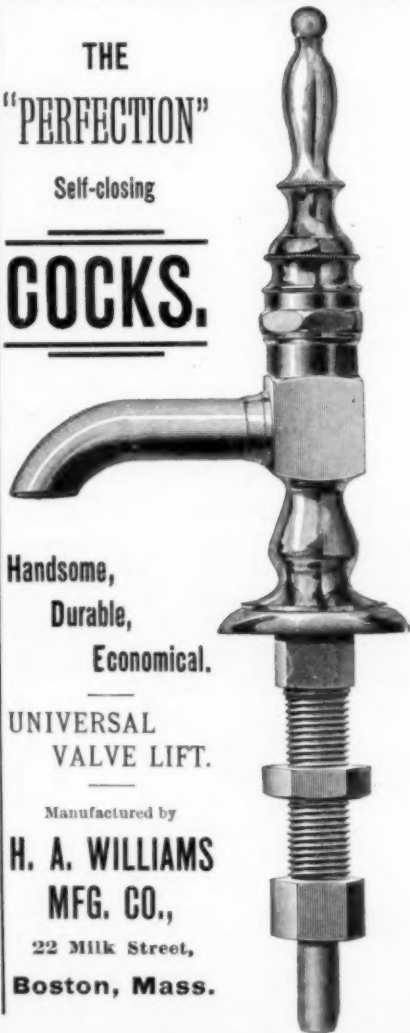
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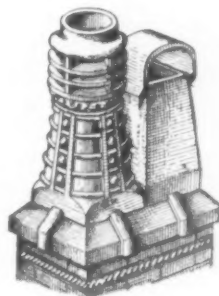
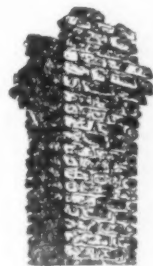
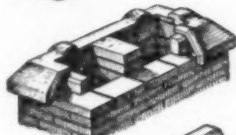
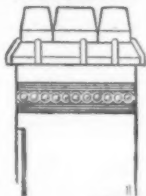
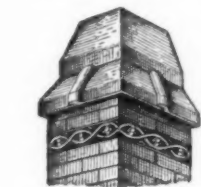
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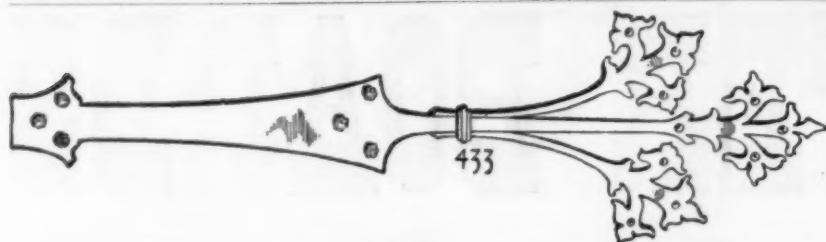
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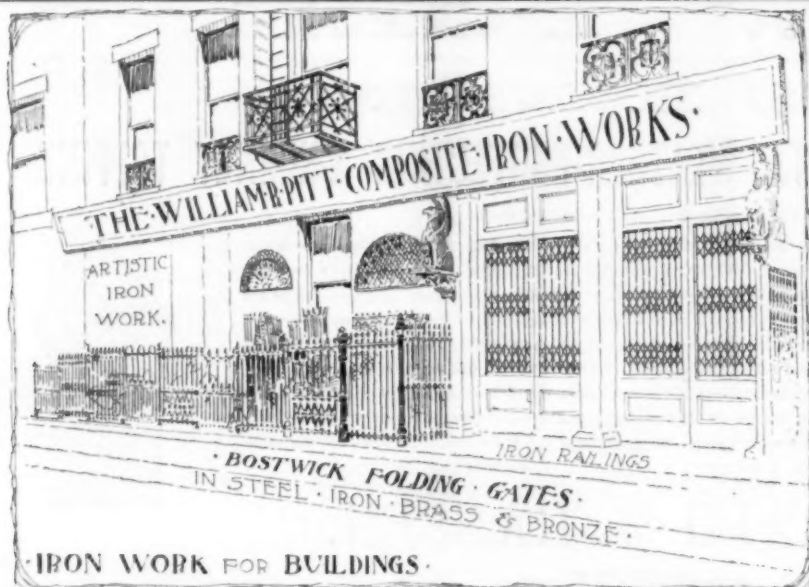
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The public are cautioned against all similar brackets, not marked with my stamp, as such brackets are infringements of patents held by me.

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THE AMERICAN ARCHITECT AND BUILDING NEWS

ADVERTISERS' TRADE SUPPLEMENT.

No. 101.

SATURDAY, NOVEMBER 1, 1890.

VOLUME XXX.
No. 773.

THE SMITH HOT BLAST APPARATUS.

THIS well-known apparatus is now extensively used for heating and ventilating public buildings, factories of all kinds, schools, churches, prisons, flats, colleges, theatres, and in fact, large buildings of every description in all parts of the country. Among them is the new Municipal Court Building in Detroit (a

necessity require it. The apparatus is supplied with straight-way gate valves, for both live and exhaust steam, dip-valves, steam-trap, and best vacuum brass oilers on fan bearings. These apparatus (except the very large ones) are set up complete, with all connections made ready for running into position and operation, as soon as belt or steam is put on.

The fan attached to our heater is what is

adapted for use in connection with hot blast apparatus, where only a moderate velocity with great volume of air blast is required, which are invariably the requirements in heating, ventilating, or drying. We manufacture every style of fan or blower made, and after repeated competitive trials of the various styles and kinds of fans and blowers, we have found that our Smith Disc Fan Blower will



The New Municipal Court Building, Detroit.

cut of which is here given), in which the apparatus is now in successful operation.

The apparatus consists of a Fan and Heater placed on one base or platform, the heater being enclosed in a sheet steel jacket with wrought angle iron frames, the fan being connected to the heater jacket by a sheet steel cone, the entire heater case and cone connection being put together with bolts so that they can be easily taken apart or removed, should

known as the Smith Disc Fan Blower, the shell and fan blades being constructed of the best homogeneous sheet steel, steel shaft of large diameter, and long, perfectly adjustable bearings lined with the best anti-friction metal. The wheel of this fan is of the lightest as well as the strongest possible construction, which insures the most efficiency for the least amount of power required to operate it, and it is also the only style of fan which is especially

deliver fully fifty per cent more air for the same amount of power required to operate than any other style of fan or blower made, and the use of this fan in connection with our heaters is one of the patented features of our apparatus.

Our heaters are of the heaviest steel or wrought-iron pipe, and all the headers, return-bends, nipples, fittings throughout, are of our own manufacture, extra heavy, and of the best

possible material and design for the requirements. We make these heaters in one, two, three, or four sections, as may be desired for using either live or exhaust steam, separately or combined, and every heater is tested in our factory after completion, to 200 lbs. hydraulic pressure, which is equivalent to 230 lbs. steam pressure. Our sectional heaters are cross connected between sections, so that any section can be used for either live or exhaust steam, or changed from one to the other at will. The heater coils are so arranged that any one coil or row of pipe can be removed or repaired without disturbing the balance of the heater; in fact, no other heater can be so readily or easily repaired, should repairs become necessary. Our heater coils are arranged horizontally in such a manner that the breaking or straining of pipe headers or fittings by expansion or contraction is entirely overcome and still the heater is self-draining, and is less liable to freeze up in extreme cold weather than any other form of construction, and it is the only hot blast heater made at the present time in which all the steam that enters the heater must pass through the heater pipes before reaching the drip or waste pipe; thus, no steam or heat is wasted, as all of the condensation even, runs ahead of the steam, and the latent heat contained therein is utilized; moreover, any well-posted steam-fitter or caloric engineer will bear us out in the statement that, all conditions being equal, horizontal steam pipes will deliver more heat units than vertical ones. Summing up all points for or against our apparatus, as compared with others in the market, it will be found that the Smith takes the lead over all others.

The engines are made direct connected to the heater fan, mounted on the same base with the fan and heater, or are furnished detached, driving with belt to fan pulley. These engines are strong, durable, and economical in the consumption of steam, and are constructed with the view of their receiving only indifferent care when in operation, and that they must run continuously 144 hours every week, and meet the requirements demanded of a hard worked engine. They are shipped complete with governor, governor belt, oilers, wrenches, etc. They occupy as little floor space for their horse-power as any engine made.

THE NEW MUNICIPAL COURT BUILDING, DETROIT.

This building contains 279,000 cubic feet of space, and is heated by the Smith Patent Hot Blast Apparatus. Fan attached to apparatus is 42 inches in diameter and will deliver 20,000 cubic feet of air per minute at a temperature ranging from 200 degrees to 300 degrees Fahrenheit.

HUYETT & SMITH MFG CO.
DETROIT, MICH.

THE ECONOMY FAN.

The United States Heating & Plumbing Co. are manufacturer's agents of a ventilating fan called the Economy Fan.

The fan is one designed and used by Mr. F. Tudor in his ventilation work. These fans are in successful use at the new Court-house in Pittsburgh, Pa.; Cancer Hospital, American Bank Note Co., Railroad Men's Club-house, New York; Chamber of Commerce, Cincinnati; Union Depot, Indianapolis; Homœopathic Hospital, Algonquin Club, Boston; Albany Opera-House, School Building, Albany, N. Y.; and Western Reserve Medical College, Cleveland, Ohio.

It is an entirely new and original design,

and as to excellence of mechanical construction, as well as efficiency, it is not equalled by any other in use.

The wide range of speed of these fans allows for a correspondingly wide range of resistance. The wide range of volume is the combined effect of varying both the radius of the helix or width of the vanes, and the speed of revolution. The suitable size of fan cannot be given without knowing what resistance and volume are required, and the space which the fan is to occupy.

The design of a machine for removing air ought to be mainly controlled by the resistance to be overcome. If the air is to be moved at a high velocity, it is important not to change its velocity or its direction, for to do either requires power.

If the design is examined, it will be seen that the vanes of the fan are helical, but instead of having the form of development on a cylinder, the form is that arising from projection of the helix onto a truncated cone. The movement of the air is along the axis of the fan, over the cone and between the vanes into the discharge chamber, being in the direction of a wave line, which it has been mathematically demonstrated is the least resisting line of changing direction. The changes of direction and velocity are both made comparatively slight.

Where the resistance to be overcome is low, there is hardly any rotary motion given to the air, not more than with the common screw fan; with a high resistance there is much less rotary motion than with the centrifugal blower, because a large part of the movement is derived from the helices as such, and not as mere paddles to hold on to the air and whirl it round. Hence the remarkably high efficiency of this fan under various conditions, and its wide ranges of application for general use, being adapted to move the largest volumes of air against resistance ranging from those developing only nominal pressures up to the highest required in ventilation. In other words, it is a superior machine for the purpose intended than any other type, both because it will do more work, and because it takes less power to run it. Moreover, its construction is such as to be absolutely noiseless in action; at the highest speeds nothing can be heard except the rushing of the wind, there is no buzzing or humming sound which blowers and propellers give out when doing any real work, and which is only partially avoided by making them disproportionally large, and running them at absurdly low speeds.

UNITED STATES HEATING & PLUMBING CO.,
115 PURCHASE STREET, BOSTON, MASS.

ROOFING PLATE.

The following is copied from a letter received from General M. C. Meigs, United States Supervising Architect and Engineer of the new Pension Building, Washington, D. C.

"The 'Scott's Extra Coated' Terne Plate purchased from you has been laid upon the lower or record room roof of the Pension Building, 42,500 square feet. The work was done by contract, and, had there been the least occasion to find fault with the quality of the material, I should have been promptly advised.

"I have heard of no complaint by contractor or journeyman. The plates furnished by your house, under their contract awarded upon public competition, appear to me to be perfectly satisfactory."

While for no article more than tin plate does experience prove "the best is the cheapest," yet, to meet the want for lower-priced plate which shall at the same time be of most

excellent quality, proportionate to the cost, the following is specially imported:

"TRIUMPH, HAND-MADE."

This is a fine "Old Style" plate, very heavily coated, soft and pliable, finished in palm oil, handsomely mottled and most carefully inspected.

While the "Triumph Hand-made" cannot be so highly recommended as the "Scott's Extra Coated," of all "Old Style" plates upon the market it most nearly approaches the "Scott's Extra Coated" in quality.

The "Triumph Hand-made" is recommended as a high grade "Old Style" roofing plate.

The "Scott's Extra Coated" and "Triumph Hand-made" brands represent respectively absolutely the best and the more moderate priced qualities, made by the process of Hand Dipping, variously designated as "Old Style," "Old Method," "Old Process," etc.

THE "BRADDOCK" BRAND ROOFING PLATE.

This is made by the usual method, or by what is known as the "Patent Rolled" process, thus giving a coating not so heavy as carried by the "Scott's Extra Coated" or the "Triumph Hand-made."

The "Braddock" is made with exceeding care from selected material, coating well and evenly distributed, with thorough inspection given to exclude imperfect sheets.

In many instances the "Braddock" has been selected for large contracts as the best "Patent Rolled" plate obtainable.

The "Scott's Extra Coated" will last a life time, or as long as the building to which it is applied.

The "Triumph Hand-made" is slightly lower quality than the "Scott's Extra Coated," and will give proportionate service.

The "Braddock" is much superior to the ordinary roofing plate.

Each sheet of Scott's Extra Coated, Triumph Hand-made, Braddock is stamped with brand, name and thickness, squared and guaranteed.

Sole Importers and Proprietors.

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PITTSBURGH, PA.

EMPLOYERS' LIABILITY AND ACCIDENT BUSINESS.

EMPLOYERS' liability insurance is making smooth and steady progress, the business showing a gradual expansion. The South is offering an enlarging field for this business. The great and rapid increase in the number of industrial establishments and the increase of capital in that section has been followed by a demand for insurance against liability from accidents to workmen. It is curious how this increase in wealth affects the demand for this insurance. The concern which has no surplus of working capital will rarely insure, though an accident to its employees might entail expenses it could ill sustain, while those with ample funds, able to run their chances, are the ones who desire insurance.

The late decision of the United States Circuit Court that vessel owners are liable for injuries to sailors arising from defective condition of the rigging, thus reversing previous rulings, is expected to open a great field for employers' liability insurance among vessel owners. Another branch of this form of insurance which has assumed considerable proportions, is elevator insurance. The inception of this dates back only two or three years, but already property owners are beginning to look upon it in the same manner as they do fire insurance, regarding its cost as

one of the necessary expenses of conducting business. Elevator accidents are alarmingly frequent, there having been several fatalities within the last month. The management of the business has been thoroughly systematized.

The public may not be generally aware that owners and lessees of buildings may be liable for claims on account of accidents which may happen to any person (passenger or employé) in an elevator or elevator well, or while entering upon or alighting from an elevator car.

The premium is moderate and the insurance company assumes liability to the amount of \$5,000 for any single person and to an aggregate of \$10,000 in case two or more are injured. In case the question of damages should go to the courts the company conducts the case and pays all legal expenses.

All the surroundings of an elevator are taken into account in determining the question of its insurability as well as the condition or pattern of the elevator itself. The method employed by a prominent company largely engaged in this business is, immediately after having insured the elevator, to have it thoroughly inspected by an elevator maker; the custom being where practicable to have each maker inspect his own elevators. After this each elevator is inspected at intervals of two or three months. Records are kept at the office of the company by which the present condition of the elevator can be seen at a glance. The recommendations of the inspectors are registered and if they have not been complied with, the reason why must be forthcoming. While this insurance promises indemnity to the owners of the property from loss by elevator accidents, the general public receives additional protection from the thorough and frequent inspections to which the elevators are subjected.

ENDICOTT & MACOMBER,
71 KILBY ST., BOSTON.

THE YALE & TOWNE MFG. CO.

GENERAL OFFICE AND WORKS.

STAMFORD, CONN., October 1, 1890.

THE rapidly increasing business of the Company has made necessary, for its more efficient and satisfactory conduct, the following changes and appointments in its executive staff:

Mr. Schuyler Merritt, since 1878 Secretary, and since 1884 the General Manager, resigns the latter position, in order to give attention to other interests, but retains that of Secretary. He will have charge of the Company's legal and patent affairs and of the business of Department B, Bank Locks.

Mr. W. F. Donovan, since 1880 the Manager of the Company's Chicago house, and Manager of its western business, is appointed to the position of General Manager, made vacant by the resignation of Mr. Merritt, with headquarters in Stamford and New York.

Mr. Geo. S. Redfield, recently Manager of the Tubular Axle Department of the National Tube Works Company of Boston, and McKeesport, Pa., has been appointed to the position of Manager of Department A, Locks and Hardware, in the Stamford Office. The business and correspondence of this department will pass through his hands and be under his general supervision.

Mr. B. H. Warren, recently Superintendent of the Works of the Hancock Inspirator Company, Boston, has been appointed to the position of Manager of Departments C, Cranes, etc., and D, Pulley-Blocks, Hoists, etc., in the Stamford Office. The business and correspondence of these departments will pass

through his hands and be under his general supervision.

Mr. Henry H. Suplee, recently editor of the technical journal *Mechanics*, and also consulting engineer in Philadelphia, has been appointed to the position of Editing Manager, in the Stamford Office. He will have entire charge of the presentation of the products of the Company before the public, including all editorial work and advertising.

Mr. W. H. Bryan, recently secretary of the Heisler Electric Light Company, St. Louis, Mo., is appointed to the position of Manager of the Chicago house, made vacant by the promotion of Mr. Donovan.

Mr. Frank H. Taylor, formerly President of the Belmont Iron Company, Philadelphia, was appointed in February last to the position of Manager of the Philadelphia house, vice Mr. John T. Boyd, resigned.

HENRY R. TOWNE,
President.

The present executive organization is as follows:

General Office and Works, Stamford, Conn.—Henry R. Towne, President; Schuyler Merritt, Secretary; George E. White, Treasurer; Henry H. Suplee, Editing Manager; W. F. Donovan, General Manager; Geo. S. Redfield, Manager Department A; B. H. Warren, Manager Departments C and D; John W. Meserve, Engineer Department C.

Offices and Warerooms: New York, 84–86 Chambers Street, Thos. F. Keating, Assistant Treasurer, Manager. Chicago, 152–154 Wabash Avenue, W. H. Bryan, Manager. Philadelphia, 15 North Sixth Street, F. H. Taylor, Manager. Boston, 224 Franklin Street, A. T. Young, Manager.

At each of the Offices of the Company are the Warerooms, containing a fully assorted stock of the Company's staple products, an Exhibit Room for the display of an extensive collection of samples of Art Metal Work and a Repair Shop where special key work and lock repairs can be promptly executed.

THE YALE & TOWNE MFG CO.,
STAMFORD, CONN.

NOTES.

HAINES, JONES & CADBURY Co., of Philadelphia, have just published a handsomely illustrated catalogue, which is very complete, and gives prices and cuts of every article used by plumbers, and steam and gas fitters.

THE New York Insulated Wire Company, 649–651 Broadway, New York, are doing a big business in their famous Grimshaw White Core Insulated Wire. The New Jersey Central Railroad Building, now being erected at West and Liberty Streets, will be lighted throughout with electric lights, 2,600 lamps being employed. The building will be double circuited with 85,000 feet of Grimshaw White Core Wire. There will not be a gas-pipe in the entire structure.

The New York Insulated Wire Company have also just received an order for their wire to be used in the Executive Mansion, Washington, D. C. In a recent communication they say, "As we have furnished the wire for the Statue of Liberty, Washington Monument and the State, War and Navy Departments, we are beginning to feel as if we are entitled to the name of the National Wire Manufacturers."

THE Globe Ventilator Co., report an increasing use of their Ventilators for paper and woolen mills. Their late sales include fourteen thirty inch Ventilators to the Utility Paper Co. of Hartford City, Ind., and they have just placed a forty-eight inch Ventilator on the New York State Capitol.

BUILDING INTELLIGENCE.

Reported for the American Architect & Building News.

ALTERATIONS.

Brooklyn, N. Y.—Kent Ave., No. 895, two-st'y frame dwell., tin roof, one-st'y brick extension, tin roof, added; cost, \$8,500; owner, Andrew Jackson Seventh Ward Club, 895 Kent Ave.; architect, J. G. Glover, 186 Remsen St.

Vernon Ave., s. s. 200' e Summer Ave., one-st'y brick and stone building, slate roof, raised two stories, three-st'y brick extension, tin roof, added and other alterations made; cost, \$13,800; owner, Roman Catholic Orphan Asylum, Court and Jorammon Sts.; architect, Thomas F. Houghton, 340 Fulton St.

Dence St., n. e. cor. Olive St., three-st'y frame tenement, tin roof, one-st'y frame extension, tin roof, added and other alterations made; cost, \$3,000; owner, Charles Dickelman, cor. Devoe and Olive Sts.; architect, Th. Engelhardt, 905 Broadway.

Ten Eyck St., s. s. 200' w Waterbury St., three-st'y brick factory, gravel roof, repairs to be made on account of fire; cost, \$3,800, owner, J. M. Waterbury, on premises.

Chicago, Ill.—H. C. Reddick, two-st'y addition, 903 Clybourn Ave.; cost, \$1,100.

John Hoebalva, two-st'y addition, 20 West Thirtieth St.; cost, \$2,000.

E. Rasenthra, one-st'y addition, 941 Wrightwood St.

John E. Carlston, one-st'y addition, 1032-34 Fourth Ave.; cost, \$1,000.

Margaret Sheehy, one-st'y addition, 2569 Emerald Ave.; cost, \$2,000.

John Klem, two-st'y addition, 58 Finnel St.; cost, \$2,200.

Chicago Athenaeum, two-st'y addition, 18-26 Van Buren St.; cost, \$15,000.

John E. Zak, one-st'y addition, 16 Zion Pl.; cost, \$1,500.

Frank Fleck, one-st'y addition, 202 West Nineteenth St.

W. Cernay, one-st'y addition, 60 West Nineteenth St.; cost, \$3,000.

Wilton Sell, addition, Leland and Wright Sts.

John Wicks, two-st'y addition, Superior and Eighty-fifth Sts.

"Ashland Block," one-st'y addition, Randolph and Clark Sts.; cost, \$11,000.

New York, N. Y.—Fifth Ave., No. 81, four-st'y brick dwell., extension and interior alterations; cost, \$15,000; owners, Behr Bros., 15 East Fourteenth St.; architects, D'Oench & Simon, 17 William St.

West Fifty-first St., No. 10, four-st'y brick dwell., extension and interior alterations; cost, \$18,000; owner, Mrs. S. H. Benedict, 10 West Fifty-first St.; architects, Carrere & Hastings, 11-16 Broadway.

East Sixteenth St., No. 131, three-st'y brick dwell., raised 59 feet, with extension and interior alterations; cost, \$10,000; owner, Mrs. C. C. Buell, New Rochelle, Westchester Co., N. Y.; architect, George Martin Huss, 1285 Broadway.

West Thirtieth St., No. 7, four-st'y brick dwell., extension and interior alterations; cost, \$12,000; owner, Isaac Walker, 14 East Fortieth St.; architect, Charles Perry, 102 West One Hundred and Second St.

East Fifty-ninth St., No. 105, three-st'y brick dwell., extension; cost, \$3,000; owner, Mary M. Doyle, 105 East Fifty-ninth St.; architects, Hubert, Pirson & Haddock, 19 East Twenty-eighth St.

West Fifty-fourth St., No. 43, three-st'y brick dwell., raised to 64.6 feet, extension and interior alterations; cost, \$15,000; owner, Hon. Chauncey M. Depew, 43 West Fifty-fourth St.; architect, James E. Ware, 45 Broadway.

Frankfort St., cor. Nassau St., five-st'y brick workshop, extension and interior alterations; cost, \$6,000; owners, Sun Printing and Publishing Co., cor. Franklin and Nassau Sts.; architect, J. C. L. Blanc, 210 East Seventy-seventh St.

Broadway, n. e. cor. Fifth St., two and three st'y brick stable, alterations; cost, \$15,000; owner, American Horse Exchange, Broadway and Fifth St.; architects, D. & J. Jarline, 1262 Broadway.

East Houston St., Nos. 105-109, five-st'y brick school, interior alterations; cost, \$8,000; owner, Corporation Trinity Church, 187 Fulton St.; architect, W. A. Potter, 121 East Twenty-third St.

Fifty-third St., n. s. 125' w Lexington Ave., four-st'y brick school, extension; cost, \$18,000; owner, City of New York; architect, George W. Debevoise, 146 Grand St.

West Twenty-third St., No. 126, four-st'y brick office-building, one-st'y addition and extension; cost, \$6,000; owner, Dr. A. P. Mendes, 152 West Forty-ninth St.; architects, Brunner & Tryon, 33 Union Square.

Philadelphia, Pa.—Fifth St., No. 720, front alteration; contractor, S. C. Townsend, 1396 South Sixth St.

Arch St., No. 229, front alteration; contractor, R. R. Spence, 121 Elwyn St.

Memphis St., s. e. cor. Otis St., front alteration; owner, Jacob E. Ridgway, 1812 Spring Garden St.

Third St., No. 2000, front and interior alterations; contractor, Benjamin Herzog, 2413 Hancock St.

South St., No. 1023, three-st'y alteration and back building; contractor, Charles M. Lane, 619 Commerce St.

Chestnut St., No. 1320, interior alterations; contractors, G. Goodfellow & Sons, 316 Grison St.

Chestnut St., No. 1121, addition on back building; contractor, C. M. Raber, 1019 Sargeant St.

Green and Norton Sts., one-st'y addition to stable; contractors, Ralph & Gregg, 1735 Francis St.

Ninth St., w. s. s. Girard Ave., two-st'y addition to mill; owner, George Harvey, Fifth and Columbus Aves.

Fifty-sixth St., s. Vine St., alteration for repairs to dwell.; owner, Henry Dilling, 5600 Vine St.

North Fifth St., No. 2325, one-sty addition on dwell.; contractor, John Whelan, 2405 North Third St.

Spruce St., No. 2000, interior alterations and one-sty bay-window; owners, Samuel McClellan & Son, 223 Vaughn St.

North Front St., No. 2220, two-sty interior and exterior alterations and back building; contractor, Charles D. Hill, 1511 North Twenty-seventh St.

South Seventeenth St., No. 1236, front alteration; owners, Duros & Welch, 758 South Broad St.

Federal St., No. 1533, interior alteration; contractor, John Atkinson, 147 Dickinson St.

South St., No. 1315, one-sty addition to store; contractor, Samuel Elliot, 1029 South Eighteenth St.

Tenth St., n w cor. Chestnut St., three-sty addition to building and interior improvements; cost, \$130,000; owners, New York Mutual Life Insurance Co.; architect, F. W. Ross, 34 Nassau St., New York.

Thirty-first St. and Ridge Ave., one-sty front alteration; contractor, Charles Auchter, 1523 North Twenty-seventh St.

Third St., n w cor. Norris St., interior alteration; contractor, Charles W. Stewart, 2836 North Sixth St.

Woodland Ave., No. 3345, front and interior alteration; owner, C. Heidlin, 2609 North Sixth St.

Chestnut Ave., s s w Reading Pike, one-sty addition to church; contractor, William W. Mackie, Chestnut Hill.

Broad and Tioga Sts., three-sty addition to Masonic Home; contractor, Joseph Bird, 1021 Hunter St.

Dickinson St., n s w Third St., two-sty addition to stable; contractor, D. S. McClure, 821 Reed St.

South Twentieth St., No. 106, one-sty addition to kitchen; owners, S. D. Fennimore & Bro., 1342 Girard Ave.

Susquehanna Ave., No. 1502, front alteration; contractor, F. H. Henry, 1713 Columbia Ave.

Perry St., No. 257, three-sty front and back addition; contractors, Jos. Miller & Bros., 567 Chatham St.

Fifteenth St., n w cor. Oxford St., internal alterations and bay-window; contractor, Thomas Garber, 2441 Poplar St.

Federal St., No. 1505, two-sty front alteration and back building; contractor, Jas. H. Fitzgerald, 33 South Tenth St.

South Twentieth St., No. 218, one-sty addition and three-sty back building; contractors, George F. Payne & Co., 401 South Juniper St.

Walnut St., No. 1735, internal alterations; contractors, George F. Payne & Co., 401 South Juniper St.

Marriott St., s s w Seventh St., addition to five-sty factory; contractor, J. S. Connell, 191 Woodstock St.

APARTMENT-HOUSES.

Brooklyn, N. Y.—First St., n s, 80' w Seventh Ave., four-sty brick flat, tin roof; cost, \$6,500; owner and architect, Albert E. White, 79 Third St.

New York, N. Y.—Seventy-fourth St., n s, 225' w First Ave., five-sty brick flat, tin roof; cost, \$17,000; owner, Philip Braender, 129 East Eighty-sixth St.; architect, William Graul, 235 Bowers.

Mott St., No. 57, five-sty brick flats, tin roof; cost, \$15,000; owner, Isaac Marks, 538 East Fifth St.; architect, Fred Wandell, 79 East Broadway.

Eighty-second St., No. 126, five-sty brick and stone flat; cost, \$2,000; owner, William Pickens; architect, Edward Wenz.

One Hundred and Thirty-fifth St., n s, 81' 6" w Willis Ave., 2 five-sty brick flats, tin roofs; cost, \$40,000; owner, George D. Ross, 719 East One Hundred and Forty-sixth St.; architect, John C. Burne, 1531 Third Ave.

East One Hundred and Twenty-third St., No. 232, five-sty brick flat, tin roof; cost, \$20,000; owner, Timothy Lyon, 223 East Sixty-second St.; architects, Cleverdon & Putzell, 529 Broadway.

One Hundred and Twenty-eighth St., n s, 140' w Fourth Ave., five-sty brick flat, tin roof; cost, \$28,000; owner, Hugh Kelly, 79 East One Hundred and Nineteenth St.; architect, Edward Wenz, 1491 Third Ave.

Henry St., No. 160, five-sty brick flat, tin roof; cost, \$20,000; owner, Bd. Harris, 244 East Broadway; architect, Charles Rantz, 153 Fourth Ave.

Seventieth St., n s, 225' e Avenue A, 4 five-sty brick flats, tin roofs; cost, \$60,000; owner, Frederick Kohrs, 302 East One Hundred and Twenty-sixth St.; architect, Walter H. Hornam, 159 East Twenty-fifth St.

One Hundred and Fifteenth St., s s, 275' e Eighth Ave., 1 five-sty brick flats, tin roofs; cost, \$20,000; owner, Conrad Muller, 2110 Eighth Ave.; architect, Andrew Spence, 163 East One Hundred and Twenty-fifth St.

One Hundred and First St., n s, 350' w Columbus Ave., 2 five-sty brick flats, tin roofs; cost, \$20,000; owner, Henry S. Cates, 32 Warren St.; architect, Henry Davidson, 222 Ninth Ave.

One Hundred and Thirty-fourth St., 350' e Eighth Ave., five-sty brick flat, tin roof, cost, \$16,000; owner, George Mauson, 344 Lenox Ave.; architect, J. Averill Webster, 110 East One Hundred and Twenty-fifth St.

Ninety-third St., s s, 275' e Columbus Ave., 2 five-sty brick flats, tin roofs; cost, \$45,000; owner, John Sliffridge, 236 West Fifty-fifth St.; architect, G. A. Scheilinger, 123 Broadway.

East Fifty-first St., Nos. 235-237, five-sty brick flat, tin roof; cost, \$40,000; owner, James Graham, 423 East Ninety-first St.; architect, John C. Burne, 1531 Third Ave.

West Twenty-fifth St., Nos. 226-228, 2 five-sty brick flats, tin roofs; cost, \$50,000; owner, Abraham Quackenbush, 218 West Thirty-seventh St.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

West Twenty-fourth St., No. 239, five-sty brick flat, tin roof; cost, \$20,000; owners, Cunningham & Ferguson, 719 Eighth Ave. and 638 Tenth Ave.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

West Forty-third St., No. 321, five-sty brick flat, tin roof; cost, \$20,000; owners, Geil & Held, 44 West Fifty-fifth St. and 348 West Thirty-eighth St.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

One Hundred and Fifteenth St., n w cor. Madison Ave., 2 four-sty brick flats, tin roofs; cost, \$93,000; owner, Alice C. McQuade, One Hundred and Seventy-seventh St. and Morris Ave.; architects, A. B. Ogden & Son, 1031 Madison Ave.

Sixty-third St., n s, 300' w Eighth Ave., 2 five-sty brick flats, tin roofs; cost, \$14,000; owners, Everett & Carey, 245 West Forty-sixth St. and 346 West Fifty-third St.; architect, George F. Felham, 1481 Broadway.

HOTELS.

Philadelphia, Pa.—The Hotel Metropole will be started, it is stated, shortly; architect, Angus S. Wade; builder, J. M. Sharp.

HOUSES.

Boston, Mass.—Richview St., near Hillsdale St., Ward 24, frame dwell., 28.4' x 41.9'; owner, F. W. Archer; builder, H. M. Wallis.

Atherton St., near Amory St., Ward 23, frame dwell., 25' 6" x 33'; owner, Mrs. J. G. Parker; builder, G. W. Jackson.

Brooklyn, N. Y.—Stanhope St., s s, 350' e Evergreen Ave., two-sty frame dwell., tin roof; cost, \$4,000; owner, Mrs. Barnett, 50 Stanhope St.; architect, Th. Engelhardt, 905 Broadway.

Atlantic Ave., n s, 80' e Ocean Pl., 2 two-sty frame dwells., tin roofs; cost, \$2,200 each; owner, Catharine Hill, 11 Gunther Pl.; architect, John E. Dwyer, 1540 Broadway.

Dean St., n s, 440' e Franklin Ave., 2 two-sty brick dwells., slate and tin roofs; total cost, \$10,000; owner, George H. Cook, 50 Broadway, New York City.

Gates Ave., n s, 140' e Broadway, 2 two-and-one-half-sty brick dwells., tin roofs; cost, \$4,000 each; owners, Milson & Priestley, 1365 Broadway; architect, John E. Dwyer, 1540 Broadway.

McDougal St., n s, 200' e Hopkinson Ave., three-sty brick dwell., tin roof; cost, \$4,000; owner, Jacob Steinbrecher, 222 McDougal St.; architect, Charles Infanger, 88 Van Sicken Ave.

South Fourth St., n s, 75' e Keap St., four-sty brick dwell., tin roof; cost, \$8,000; owner, Emil Lehman, 321 South Fifth St.; architect, Th. Engelhardt, 905 Broadway.

Eleventh St., n s, 97' w Ninth Ave., 6 three-sty brick dwells., tin roofs; cost, \$5,000 each; owner, F. Peterson, Seventh St., near Ninth Ave.

Twenty-eighth St., s s, 225' w Fifth Ave., three-sty frame dwell., tin roof; cost, \$5,000; owner, Frederick J. Boedecker, 1021 Third Ave.; architect, W. H. Wirth, 358 Seventeenth St.

Lafayette Ave., n s, 300' e Sumner Ave., 4 three-sty brick dwells., tin roofs; cost, \$23,000; owner, Alexander McKnight, 849 Lafayette Ave.; architect, S. Harrison, 2 Arlington Pl.

Hancock St., n s, 213' w Tompkins Ave., 6 three-sty brick dwells., tin roofs; cost, \$8,000 each; owner, Wm. Reynolds, 403 Jefferson Ave.; architects, J. W. Reynolds & Son, 363 Fulton St.

McDonough St., n s, 20' e Ralph Ave., 4 two-and-one-half-sty brick dwells., tin roofs; cost, \$18,000; owner and architect, John R. Pitt, 624 Macon St.

Huron St., s s, 125' w Oakland St., 2 four-sty brick dwells., gravel roofs; cost, \$6,000 each; owner, Edward Keehl, 100 Clay St.; architect, Phil Tillion, 202 Manhattan Ave.

Madison St., s s, 125' e Bushwick Ave., two-sty frame parsonage, tin roof; cost, \$4,500; owner, Bushwick Ave. M. E. Church, premises; architect, Walter I. Brown, 289 Evergreen Ave.

Linden St., s s, 80' w Wyckoff Ave., 3 three-sty frame dwells., tin roofs; cost, \$4,500; owner, Peter Kiebling, Linden St. and Wyckoff Ave.; architects, D. Acker & Son, 752 Broadway.

Eight Ave., s w cor. Carroll St., four-sty brick dwell., tile roof; cost, \$60,000; owner, E. L. Maxwell, 113 Liberty St.; architect, M. W. Morris, 45 Exchange Pl.

Jefferson Ave., n s, 480' e Bushwick Ave., 4 two-sty frame dwells., tin roofs; cost, \$3,000 each; owner and architect, Robert B. Muller, 37 Cornelia St.

Driggs St., e s, 25' n North Sixth St., four-sty brick dwell., tin roof; cost, \$8,000; owner, Peter Blake, on premises; architect, Henry Vollweiler, 486 Hart St.

Howard Ave., e s, 38' s Herkimer St., 2 two-sty frame dwells., gravel roofs; cost, \$2,800; owner, E. D. Varber, 2120 Fulton St.; architect, C. A. Povie, 305A Monroe St.

Prospect Ave., s s, 254' w Eighth Ave., 6 two-sty frame dwells., tin roofs; cost, \$2,300 each; owner, Fannio Fielding, 404 Prospect Ave.; architect, R. W. Fielding, 404 Prospect Ave.

Thirty-second St., s s, 200' w Fifth Ave., three-sty frame dwell., tin roof; cost, \$3,000; owner, Ellen Smith, 278 Twenty-first St.; architects, Young Bros., 129 Fort-third St.

Patchen Ave., s s, 20' w Putnam Ave., 5 two-sty brick dwells., tin roofs; cost, \$3,000 each; owner, E. Varber, on premises; architect, F. W. Ames, 1002 Halsey St.

Madison St., n s, 127' e Evergreen Ave., 4 two-sty frame dwells., tin roofs; cost, \$2,500 each; owners, J. N. Lamb & Son, 1063 Putnam Ave.; architect, A. J. Lamb, 1068 Putnam Ave.

Nineteenth St., n s, 80' w Sixth Ave., three-sty frame dwell., tin roof; cost, \$1,500; owner, Edward Irwin, 272 Nineteenth St.; architect, M. D. Kinkade, 345 Union St.

Second St., s s, 457' 11" e Fifth Ave., 2 four-sty brick dwells., gravel roofs; cost, \$28,000; owner, A. N. McBean, 82 Broadway; architect, John L. Young, 287 Halsey St.

Second St., s s, 437' 11" e Fifth Ave., four-sty brick dwell., gravel roof; cost, \$10,000; owner, A. N. McBean, 82 Broadway; architect, J. L. Young, 287 Halsey St.

Woodbine St., n s, 150' e Central Ave., three-sty frame dwell., tin roof; cost, \$5,000; owner, George Schwab, Knickerbocker Ave. and Harmon St.; architects, Wischerth & Copeland, 57 Troutman St.

Sampter St., n s, 200' e Hopkinson Ave., 3 two-sty frame dwells., tin roofs; cost, \$2,300 each; owner, H. F. Hopkins, 183 Moffatt St.; architect, W. Hopkins, 183 Moffatt St.

Herkimer St., n s, 120' w Troy Ave., two-and-one-half-sty brick dwell., tin roof; cost, \$6,000; owner, Mrs. Wilhelmina Tamka, Fulton Ave., cor. Troy Ave.; architect, Charles Werner, Garfield Building.

Fourth Ave., w s, 20' n Seventh St., three-sty brick dwell., gravel roof; cost, \$12,000; owner, Charles Collins, 401 Ninth St.; architect, J. G. Glover, 186 Komsen St.

Cornelia St., s s, 80' e Evergreen Ave., 3 three-sty frame dwells., tin roofs; cost, \$5,000 each; owner, John Menahan, 25 Bleecker St.; architect, Th. Engelhardt, 905 Broadway.

Bleecker St., s s, 190' e Irving Ave., three-sty frame dwell., tin roof; cost, \$4,000; owner, Mr. Rissler, on premises; architects, David Acker & Son, 752 Broadway.

Chicago, Ill.—W. H. Keough, three-sty dwell., 4348 Drexel Boulevard; cost, \$25,000.

A. Bransman, two-sty dwell., Tyson and Roscoe Sts.

Adolph G. Drege, cottage, 31 Sheldon St.

Andrew Stewart, cottage, 3619 Laurel St.; cost, \$1,500.

A. Gersenberg, three-sty dwell., Humboldt and Fifty-fifth Sts.; cost, \$3,000.

A. N. Pastor, two-sty dwell., 6346 Farwell St.; cost, \$2,200.

F. B. Ogden, two-sty dwell., 712 Walnut St.; cost, \$3,500.

J. D. Sutter, 2 two-sty dwells., Evanston Ave., near Graceland Ave.; cost, \$6,100.

C. F. Foster, three-sty dwell., 1188 Washington Boulevard; cost, \$4,500.

F. H. Barry, 3 three-sty dwells., 3334-36 Vernon Ave.; cost, \$16,000.

S. Keegan, cottage, Superior and One Hundred and Thirty-fourth Sts.; cost, \$1,000.

August Johnson, cottage, Ninety-fifth and Champlain Sts.; cost, \$1,000.

J. Pancochar, cottage, 1044 Troy St.; cost, \$1,500.

Louis Horek, cottage, 1313 West Twenty-first St.; cost, \$1,000.

W. C. Goudy, three-sty dwell., 46-48 Astor St.; cost, \$30,000.

Cincinnati, O.—D. G. Sammet, three-sty dwell., Stetson St.; cost, \$2,500; architects, Kiege & Marty.

H. E. Schurburg, three-sty dwell. and store, Lebanon Pike; cost, \$6,000; architect, Wm. Lawrence.

A. E. Gerlow, three-and-one-half-sty dwell., Hamilton Pike; cost, \$4,000; architects, Kuckert & Pfeiffer.

Jas. Clone, two-and-one-half-sty dwell., Considine Ave.; cost, \$3,000; architects, G. & A. Brink.

Joseph Kleine, two-sty dwell., Kleine St.; cost, \$5,500; architect, J. J. Kuckert.

H. Schroeder, two-and-one-half-sty frame dwell., Alexander St.; cost, \$4,000; architect, Chas. Duss.

Phil McDonough, two-sty dwell., Hawthorne Ave.; cost, \$2,875; architect, A. J. Bast.

Minneapolis, Minn.—J. P. Larson, two-sty dwell., 2425 South Emerson Ave.; cost, \$8,000.

New York, N. Y.—Ninety-third St., s s, 225' e Tenth Ave., 6 three-sty brick dwells., tin roofs; cost, \$72,000; owner and architect, W. P. Anderson, 54 West Ninety-fifth St.

Philadelphia, Pa.—Twentieth St., s w cor. Moore St., two-sty dwell. and store; owner, Hugh Todd, 1635 South Twentieth St.

Seventeenth St., w s, n York St., 2 three-sty dwells. and stores; owner, John Loughran, 2544 North Eighth St.

Thirteenth St., e s, n Tucker St., 1 three-sty and 2 two-sty dwells.; contractor, Jas. Barker, s e cor. Second and Somerset Sts.

Seventeenth St., w s, n York St., 30 two-sty dwells.; owner, John Loughran, 2544 North Eighth St.

Nineteenth St., w s, n Dauphin St., 14 three-sty dwells.; owner, William Blair, 2650 Reed St.

Fair Hill St., w s, n Indiana Ave., 3 two-sty dwells.; owner, Silas Walton, 429 Susquehanna Ave.

Mecklin St., s s, e Main St., three-sty dwell.; contractor, H. H. Buzby, 5168 Main St.

Spencer St., e s, n Dobson St., two-sty dwell.; owner, William Beesley, 117 Spencer St.

Sixth St., e s, n Lehigh Ave., three-sty dwell.; owners, Heinke & James, 541 Lehigh Ave.

Harrison St., e s, w Association St., two-sty dwell.; owners, Osborne Bros., Cherry St., ab. Harrison St.

Willow St., e s, n Wakeling St., two-sty dwell.; owners, Osborne Bros., Cherry St., ab. Harrison St.

Orion St., e s, n Fairmount Ave., 7 two-sty dwells.; owner, Owen Mountney, 2002 North Seventeenth St.

Forty-eighth St., w s, n Parrish St., three-sty dwell.; owner, George Deindorper, 906 North Forty-seventh St.

Oliver St., e s, n Parrish St., 4 two-sty dwells.; owner, George Deindorper, 906 North Forty-seventh St.

Powellton Ave., s s, e Forty-second St., 7 three-sty dwells.; owner, John G. Ruff, 619 Cherry St.

Haverford Ave., s s, w Fifty-fourth St., two-sty dwell.; contractor, N. J. Leger, Sixty-seventh St. and Haverford Ave.

F Ave., e s, e Seventy-seventh St., 2 two-sty dwells.; contractor, Henry Russell, Seventy-seventh and F Ave.

Thirty-eighth St., s e cor. Irving St., 3 three-sty dwells.; Clifton St., n s, e and w Thirty-second St., 24 three-sty dwells.; owners, Hunter & Noch, 540 Drexel Building.

Thirty-eighth St., s e cor. Irving St., 3 three-sty dwells.; owners, Font & McLaughlin, 317 Cook St.

Dauphin St., n s, w Garnet St., 6 three-sty dwells.; contractor, Wm. Blaine, 2080 Reed St.

South Ninth St., No. 225, three-sty dwell.; owner, N. Toes, 835 Carpenter St.

Plum St., No. 1221, two-sty dwell.; owners, J. S. Cowwell & Son, 1917 Woodstock St.

Frankford Ave., e s, s Foukrod St., three-sty dwell.; owner, Thomas Rush, 4938 Mulberry St.

Ditman and Pratt Sts., 2 two-sty dwells.; owner, Thomas Rush, 4938 Mulberry St.

Pine St., near Woodland Cemetery, two-sty dwell.; owner, University of Pennsylvania.

Gorgas Lane, s s, w Chew St., three-sty dwell.; contractor, Wm. C. Mackie, Chestnut Hill.

Buattleton Pike, near Hyberry Road, three-sty dwell., French roof, with barn and stable in rear; owner, Samuel W. Evans, Frankford.

Comly St., n s, w Ditman St., two-sty dwell.; contractor, Jacob S. Koob, 1161 South Seventh St.

Kennedy St., s s, e Emerald St., 2 two-sty dwells.; contractor, F. Dieterich.

Allegheny Ave., s s, e Clifton Ave., 2 three-sty dwells.; owner, J. C. Moore, 4201 Walnut St.

Clifton Ave., e s, s Allegheny Ave., 3 two-sty dwells.; owner, J. C. Moore, 4201 Walnut St.

Dupont St., n s, e Ridge Ave., 2 three-sty dwells.; contractor, J. M. Omensetter, East Leverington Ave.

Angus S. Wade, architect, has made plans for seven unique dwells., four stories high, to be built upon the site of the Cyclorama of Missionary Ridge Building, Chestnut St., e Twenty-second St., of pink stone, Indiana limestone and Pompeian brick; cost, \$250,000; owner, Jno. M. Sharp.

East Thompson St., No. 2665, two-sty dwell.; contractor, A. McKay, 3026 Richmond St.

Fifteenth St., e s, s Allegheny Ave., 6 two-sty dwells.; contractors, Stewart Bros., 2327 North Fifth St.

Edison Ave., s s, Somerton, two-sty dwell.; contractor, Amos W. Linn, 4767 Garden St.

County Line, s s, w York Road, three-sty dwell.; owner, Wm. H. Magarge, La Moll, Montgomery Co., Pa.

Tulpehocken Ave., n s, w Germantown Ave., three-sty dwell.; contractor, Thomas J. Carman, 133 Rittenhouse St.

Dotson St., n s, e Wood St., three-sty dwell.; contractor, Frank Gillett, 4707 Smick St.

Church St., n s, e Clay St., 2 two-sty dwells.; contractor, C. J. Wallace, 358 Green Lane.

Brunswick St., w s, s Eighty-third St., 2 two-sty dwells.; owner, Jas. B. Craighead, 735 Walnut St.

Lyme St., e and w s, s Eighty-third St., 4 two-sty dwells.; owner, Jas. B. Craighead, 735 Walnut St.

Hare St., n e s, w Twenty-fourth St., 4 two-sty dwells.; Twenty-fourth St., w s, n Hare St., 3 three-sty dwells.; contractors, Wright & Prentzel, 2325 Fairhill St.

Tucker St., n s, w Fifteenth St., 26 two-sty dwells.; owner, Wm. C. Carman, 1546 North Twelfth St.

Twenty-eighth St., w s, n Diamond St., 23 three-sty dwells.; owner, John S. Serrill, 1413 North Broad St.

Eleventh St., n e cor. Nedro St., Fern Rock, two-sty dwell.; owner, Jas. Graham, 1127 Fairmount Ave.

Freeland Ave., n Roxborough Ave., 2 two-sty dwells.; contractor, John Wolf, Terrace St. and Schurz Lane.

South Forty-first St., w s, s Girard Ave., 5 three-sty dwells.; contractor, A. Overturf, 1812 North Nineteenth St.

Paschall Ave., s s, e Forty-eighth St., 5 two-sty dwells.; owner, W. S. P. Shields, 735 Walnut St.

Frankford Ave., No. 2572, three-sty dwell.; contractor, F. Dietrich, 2677 Frankford Ave.

Providence, R. I.—*Taylor and Comstock Aves., frame dwell.; owner, Mrs. Herbert West; builder, Robert Paterson; architects, Gould & Angell.*

Stimson Ave., frame dwell.; owner, Mary B. Jackson.

Bridgman St., frame dwell.; owner, Lucy F. Vaughn; builders, Cornell & Peavey.

Melrose St., frame and brick dwell.; owner and architect, Fred E. Field.

Lexington Ave., frame dwell.; owner, Louise M. Hopkins; architects, Gould & Angell.

Ocean St., frame dwell.; owner, Eliza J. Ladd; builder, James H. Canning.

Ives St., frame dwell.; owner, John Hurley; builder, T. W. Barry.

St. Louis, Mo.—*Two-sty brick dwell.; cost, \$2,700; owner, G. D. Hudson; contractor, J. V. Majors.*

Two-sty brick dwell.; cost, \$3,800; owner and contractor, C. C. Newberry.

Two-sty brick dwell.; cost, \$6,000; owner and contractor, T. C. Higgins.

Two-sty brick dwell.; cost, \$7,000; owners and contractors, J. W. Barnes & Co.

Three-sty brick dwell.; cost, \$16,000; owners, Pechman Bros.; contractors, Wm. Rieve & Son.

Two-sty brick dwell.; cost, \$3,000; owner, Mrs. J. Murry; contractor, J. H. Keefe.

Two-sty brick dwell.; cost, \$2,900; owner, F. Flotron; contractors, Flotron & Flavin.

Two-sty brick dwell.; cost, \$2,900; owner, James Liston; contractors, Flotron & Flavin.

Two-sty brick dwell.; cost, \$2,800; owner, F. Peterlich; contractor, F. Kimel.

Three-sty brick dwell.; cost, \$9,500; owner, J. Schnaider; contractor, J. H. Remmers.

Three-sty brick dwell.; cost, \$8,400; owners, Jaunonponto & Gotsch; contractor, F. Thoms.

Three-sty brick dwell.; cost, \$10,000; owner, Tra. Mo. Bot. Garden; contractor, J. W. Givens.

Two-sty brick dwell.; cost, \$3,200; owner, M. Kiehl; contractor, J. Costello.

Two-sty brick dwell.; cost, \$5,200; owner, A. Kaufman; contractor, D. Stevens.

Two-sty brick dwell.; cost, \$3,300; owner, E. Gerber; contractor, H. W. Raiser.

Three-sty brick dwell. and store; cost, \$11,000; owner, J. Klingen; contractor, H. R. Becker.

Three-sty brick dwell. and store; cost, \$3,000; owner, G. J. Loeffel; contractors, Hemminghaus & Vollmer.

Two-sty brick dwell. and store; cost, \$3,200; owner, N. Doettger; contractor, A. Winkel.

Two-sty and mansard brick dwell.; cost, \$2,500; owner, F. Meyer; contractor, C. Lingemann.

SCHOOL-HOUSES.

Brooklyn, N. Y.—*Nelson St., s w cor. Hicks St., two-sty brick school-house, tin roof; cost, \$22,800; owner, Board of Education; architect, James W. Naughton.*

STORES.

Brooklyn, N. Y.—*Walton St., s w cor. Throop Ave., four-sty frame store and dwell., tin roof; cost, \$9,000; owner, Franz Seifert, 116 Walton St.; architect, H. Smith, 27 Moore St.*

Chicago, Ill.—*Adam Hunter, three-sty store and flats, 259 Orchard St.; cost, \$5,000.*

James M. Keddy, 3 three-sty stores and flats, Cottage Grove Ave. and Seventy-first St.; cost, \$30,000.

Lawrence Murphy, three-sty store and flats, 215 Center St.; cost, \$5,000.

R. Kischstein, two-sty store and dwell., 901 North Western Ave.; cost, \$1,300.

J. Schwaegerman, store, 382 West Indiana St.

J. E. Slocum, store, 98 North Paulina St.; cost, \$1,500.

Albert Vinke, two-sty store and dwell., Portland Ave., near One Hundred and Eighteenth St.; cost, \$1,400.

Mary E. Maloney, three-sty store and flats, 499 Thirty-first St.; cost, \$4,000.

William Porter, 4 four-sty stores and flats, 275-283 Clybourn Ave.; cost, \$50,000.

William Kasee, three-sty store and flats, 1122 Milwaukee Ave.; cost, \$6,000.

John De Koker, one-sty store, One Hundred and Third St.; cost, \$1,100.

John Cushman, two-sty store and dwell., 3307 Wallace St.; cost, \$3,500.

C. O. Gleason, one-sty store, 200 Division St.

Henry Machter, three-sty store and dwell., 2621 Cottage Grove Ave.; cost, \$9,000.

James Leahy, four-sty store and flats, 3251 State St.; cost, \$10,000.

Thomas O'Grady, three-sty store and flats, 179 Ohio St.; cost, \$9,000.

E. Coles, three-sty and flats, 173 Center St.; cost, \$10,000.

Brooklyn, N. Y.—*Manhattan Ave., e s, 150 n Van Cott Ave., three-sty frame store and dwell., gravel roof; cost, \$6,000; owner, Joseph Dittlich, Manhattan Ave.; architect, F. Weber, 211 Manhattan Ave.*

Nostrand Ave., e s, 87 n Stockton St., three-sty frame store and dwell., tin roof; cost, \$4,500;

owner, J. H. Hough, 107 Nostrand Ave.; architect, S. Harbison, 2 Arlington Pl.

Morgan Ave., s w cor. Harrison Pl., three-sty frame store and dwell., tin roof; cost, \$5,500; owner, K. Steininger, 13 Gratton St.

Park Ave., n e cor. Nostrand Ave., 2 four-sty frame stores and dwells., tin roofs; cost, \$7,000 each; owner, Mr. Simon, on premises; architect, Henry Vollweiler, 486 Hart St.

Myrtle Ave., 75 e Ryerson St., three-sty brick store and dwell., tin roof; cost, \$7,000; owner, Seth L. Kenney, 221 Clermont Ave.; architect, Edward Van Voorhis, 903 Kent Ave.

Greene Ave., n w cor. Hamburg Ave., 3 three-sty frame stores and dwells., tin roofs; total cost, \$11,000; owner, George Covert, Willoughby and Lewis Aves.; architects, Schrempf & Loeffler, 788 Myrtle Ave.

Halsey St., s e cor. Patchen Ave., four-sty brick store and dwell., tin roof; cost, \$12,000; owner, Jane Medicken, 280 Marion St.

Third Ave., w s, 50 n Forty-third St., three-sty frame store and dwell., tin roof; cost, \$4,000; owner, A. Eckel; architects, Spence Bros., Third Ave. and Fifty-second St.

Third Ave., e s, 60 n Fifty-fifth St., 2 three-sty frame stores and dwells., tin roofs; owner, William Hunt, 259 Carroll St.; architects, H. L. Spicer & Son, Third Ave. and Fifty-third St.

Gates Ave., n s, 275 w Hamburg Ave., three-sty frame store and dwell., tin roof; cost, \$4,000; owner, John Tillman, Bergen St. and Vanderbilt Ave.; architects, John Taaffe, 76 Kosciusko St.

Gates Ave., s s, 125 w Hamburg Ave., three-sty frame store and dwell., tin roof; cost, \$4,000; owner, John Tillman, Bergen St. and Vanderbilt Ave.; architect, John Taaffe, 76 Kosciusko St.

Throop Ave., n e cor. Decatur St., two-sty brick store and office-building, tin roof; cost, \$26,000; owners, N. Y. & N. J. Tel. Co.; architect, R. L. Daus, 26 Court St.

Kingsland Ave., e s, 200 s Nassau St., 2 two-sty frame stores and dwells., gravel roofs; cost, \$2,000 each; owner, Alfred Schaeffer, 292 Eckford St.; architect, F. Weber, 211 Manhattan Ave.

Broadway, s e cor. McDougal St., three-sty frame store and dwell., tin roof; cost, \$3,000; owner, Mrs. Leonard Sumter St., near Stone Ave.

Fulton Ave., n s, 25 w Elton St., three-sty frame store and dwell., tin roof; cost, \$5,000; owner, R. Cook, Fulton Ave. and Elton St.; architects, Danmar & Fischer, 221 Atlantic Ave.

Bedford Ave., n e cor. Hayward St., four-sty brick store and dwell., tin roof; cost, \$12,000; owner, Mrs. Margaret Mulvihill, 835 Willoughby Ave.; architect, Herbert W. Billard, 99 Broadway.

Fourth Ave., w s, 40 n Thirty-third St., 3 three-sty frame stores and dwells., tin roofs; cost, \$3,000; owner, James Edwards, 52 Broadway, New York; architects, H. L. Spicer & Sons, Third Ave. and Fifty-third St.

Moore St., s s, 705 w Graham Ave., three-sty frame store and dwell., tin roof; cost, \$5,500; owners, Horowitz & Madden, 185 Elery St.; architects, D. Acker & Son, 752 Broadway.

Linden St., s w cor. Wyckoff Ave., 4 three-sty frame stores and dwells., tin roofs; cost, \$4,500; owner, Peter Kiebling, on premises; architects, D. Acker & Son, 752 Broadway.

Third Ave., n e cor. Douglas St., one-sty brick store, cement and gravel roof; cost, \$3,500; owner and architect, James T. Johnson, 41 Sterling Pl.

MISCELLANEOUS.

Minneapolis, Minn.—*H. F. W. Busch, 9 one-sty greenhouses, cor. Fifth St. and South Lyndale Ave.; cost, \$5,000.*

New York, N. Y.—*One Hundred and Fifteenth St., n s, 288 e Pleasant Ave., one-sty brick generator and condenser house, peak iron and slate roof; cost, \$15,500; owners, Standard Gas-light Co., 2 Cortland St.; architect, Jos. Flanner, foot of East One Hundred and Fifteenth St., E. R.*

Fifty-ninth St., s s, 225 w Sixth Ave., five-sty brick club-house, tin roof; cost, \$75,000; owner, The Catholic Club, 20 West Twenty-seventh St.; architects, Wm. Schickel & Co., 246 Fifth Ave.

Petersburg, Va.—*The Old Fellows contemplate building a hall, to cost abt. \$25,000.*

Philadelphia, Pa.—*Mountain St., No. 912, new front and back building; contractor, Charles Maag, Seventeenth St. and Passyunk Ave.*

Catharine St., No. 1502, new front; contractor, Wm. Medieke, 1231 Vine St.

Twenty-fourth St., n w cor. Hare St., two-sty back building; contractors, Wright & Prentzel, 2925 Fairhill St.

West St., No. 743, one-sty kitchen; contractor, B. Stewart, Nineteenth and Green Sts.

Twelfth St., cor. Olive St., three-sty back building and bay-window; contractor, Thompson Wert, 321 Diamond St.

Thirty-first St., n e cor. Jefferson St., four-sty brewery; Jefferson St., e Thirty-first St., four-sty storehouse and five-sty mill; contractor, Philip Halbach, Twenty-sixth and Thompson Sts; architect, Otto Wolf.

South Eighth St., No. 285, three-sty parish building; contractors, George F. Payne & Co., 401 South Juniper St.

North St., s s, e Island Road, one-sty rifle-gallery; owner, R. Simons, on premises.

Mount Vernon St., two-sty shop; contractor, D. P. Coney, 1939 Brandywine St.

South Fifteenth St., No. 410, two-sty back building; contractor, R. D. Gibbon, 1706 Delancy Pl.

Lancaster Ave., No. 3839, two-sty back building; contractor, Wm. Smith, 2332 North Broad St.

Nineteenth St., s e cor. Laycock St., three-sty back building; owner, George F. Iles, Laycock Ave.

Queen Lane, No. 160, two-sty back building; owner, Charles Green, on premises.

Twenty-second and Westmoreland Sts., one-sty frame ice-house; owners, Knickerbocker Ice Co., Sixth and Arch Sts.

Nicetown Lane and Township Line, carriage-house; contractor, H. H. Buzby, 625 Main St.

Pechin St., w s, n Green Lane, three-sty storehouse; contractor, Jas. Warsnop, 575 Lyceum Ave.

Fifteenth St., e s, n Dauphin St., one-sty shop; contractor, Wm. R. Brown, 1702 North Thirteenth St.

Pennsylvania Ave. and Seventeenth St., tool-shop; contractors, F. M. Harris & Co., 1611 Filbert St.

Dock St., No. 114, four-sty storehouse; contractor, Thomas Bryan, 225 South Second St.

Fifteenth St., e s, n Lehigh Ave., one-sty millwright and smith shops; contractor, W. L. Atkinson, 225 Wallace St.

Forty-ninth St., e s, s Woodland Ave., one-sty shop; contractor, R. H. Parker, 4830 Woodland Ave.

Market St., s s, e Twenty-first St., two-sty bazaar; contractors, B. Ketcham & Son, 4080 Spring Garden St.

Norris St., s w cor. Beach St., two-sty foundry; owner, Robert Beatty.

Wishart St., Nos. 2023-31, 5 one-sty kitchens; contractor, George Einwechter, 2028 East Allegheny Ave.

Leiper St., w s, n Unity St., two-sty back building; contractors, Dickson Bros., 3045 Frankford Ave.

Ridge Ave., No. 2041, two-sty back building; contractor, Charles Falstetich, 613 Toga St.

Conell St., w s, s Cumberland St., two-sty shop; owner, John F. Johnson, 2510 North Fifth St.

Oxford St., n s, e Paul St., two-sty shop; owner, Thomas McFarland, 4507 Main St.

Hamilton St., s s, w Sixty-fourth St., one-sty tool-house; owner, John J. Kearney, 406 North Sixty-fourth St.

Broad St., w s, s Morris St., three-sty Home building; owner, Southern Home for Destitute Children; contractor, Wm. R. Dougherty, 1604 Sansom St.; architect, J. H. Windrim.

The Philadelphia Packing and Provision Company are putting up ten buildings at Thirty-sixth St. and Gray's Ferry Road, along the Schuylkill River, architect, Jacob Herald.

Lehigh Ave., n w cor. Fifteenth St., brick building, Manayunk stone trimmings; heated by steam, electric-lighting; owners, Boltz, Clymer & Co., cigar manufacturers; architect and contractor, S. B. McDowell.

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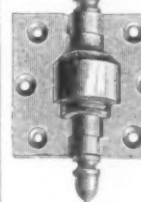
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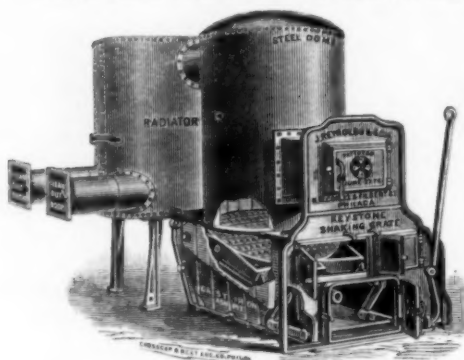
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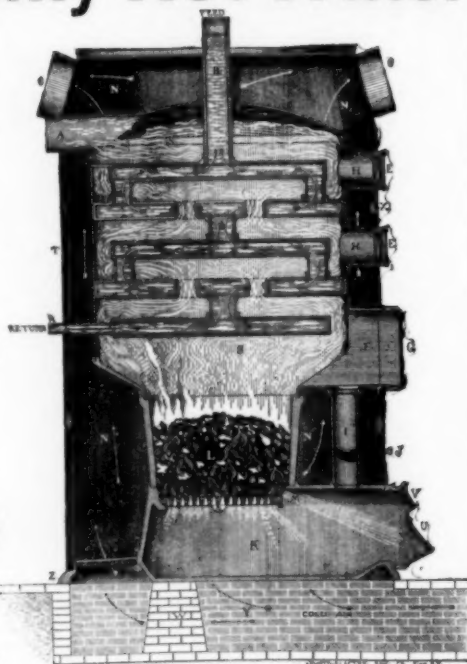
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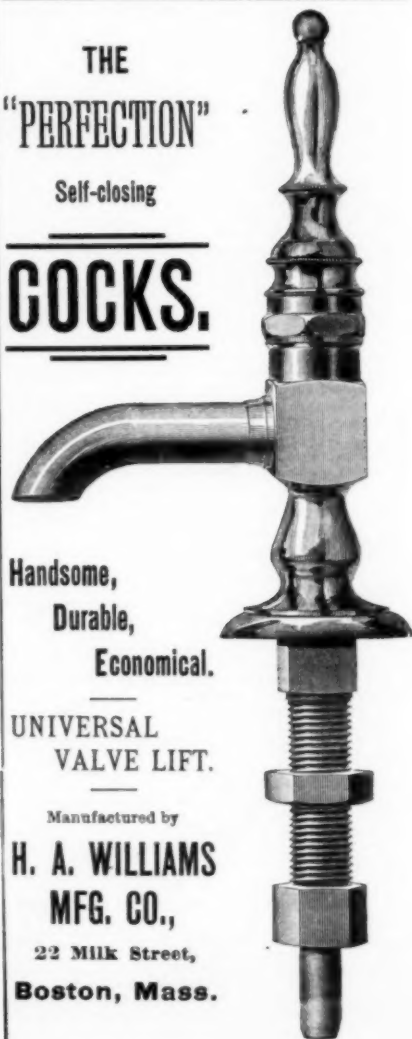


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Jan. 1890

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— PATENTEE, —

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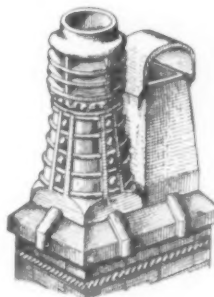
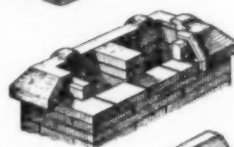
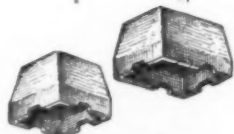
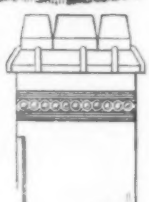
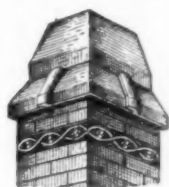
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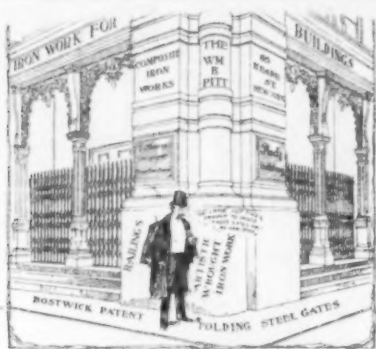
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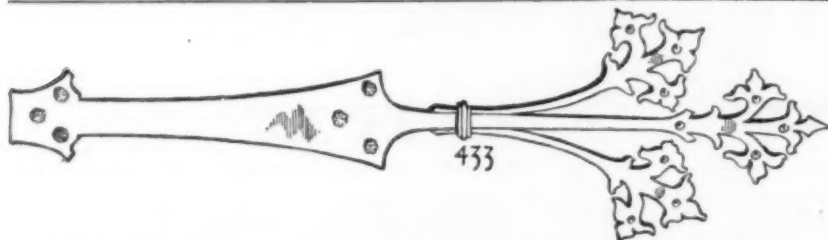
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Special New Designs of Knobs in Cut-Glass. Patterns made to order from Architect's Designs. Estimates made. Contracts filled in all Markets.

20 DOCK SQUARE, BOSTON. BRANCH OFFICE: 1421 G. St., N. W., Washington, D. C.

Our Hardware may be found in important buildings in the leading cities of the Country.

ATLANTIC WHITE-LEAD & LINSEED-OIL CO.,

"ATLANTIC"

PURE
WHITE LEAD,

— AND —

Pure Linseed-Oil,
Raw Refined and Boiled.



The best and most reliable
White-Lead made,
And unequalled for

Uniform
Whiteness,
Fineness,
and Body.

ADDRESS,
Atlantic W. Lead & Lin. Oil Co
287 Pearl St., NEW YORK.

STEAM HEATING.

Barnard's Condensing System will
Accomplish the following
Desirable Features:

SAVES COAL. PERFECTS THE CIRCULATION. PREVENTS ALL NOISE. PREVENTS FREEZING: USES EXHAUST STEAM, IF ANY, WITHOUT BACK PRESSURE: WILL WORK AT ANY PRESSURE OF STEAM, HIGH OR LOW; HAS NO MACHINERY NEEDING CARE.

IS ADAPTED TO

Private Houses, Flats, Office-Buildings, Hotels, Factories, Etc.

SEND FOR CIRCULAR.

GEO. A. BARNARD,
15 Cortlandt St., NEW YORK.

DEANE'S PAT. ADJUSTABLE T SQUARES.



E. L. DEANE, HOLYOKE, MASS.

For sale by all dealers in Draughtsmen's supplies.

Send for circulars.

Something New for the Stable.

Read's Patent Harness Bracket.



An Article long wanted but never before made.

Holds the whole harness, takes no more room than the ordinary hook or peg, can be used for both single and double harness. Gives the harness-case a neat appearance, as it carries the harness up uniformly in width with the saddle, beside keeping the bridle and breastplate in their proper shape. They are neatly japanned, with gilt facings. Price \$18 per dozen. Are now in use in over 100 first-class private stables in and about Boston.

Each bracket lettered "J. J. Read, Boston, Mass." For sale by dealers everywhere.

Indorsed and approved by the following named gentlemen, all of whom have them in use:

Boston: R. H. White, J. Montgomery Sears, J. T. Morse, Jr., Thos. Motley, South Boston: Benjamin Dean, Cambridge: F. A. Kennedy, John Bartlett, Chas. H. Gass, Portsmouth, N. H.: Hon. Frank Jones, Milton: Col. H. S. Russell, J. Malcolm Forbes, Dedham: A. W. Nickerson, Baltimore, Md.: J. D. Mallory, Newton: J. C. Potter, C. E. Billings, A. R. Mitchell, Waltham: J. H. Ellison, Readville: C. G. White, Beverly: Dr. Chas. Haddock, Swampscott: C. P. Curtis, Boston, Mass.: Waldo Adams, with the Adams Express Co., Philadelphia, Pa.: Edward N. Williams, of the Baldwin Locomotive Works.

The public are cautioned against all similar brackets, not marked with my stamp, as such brackets are infringements of patents held by me. Also cedar-top riding-saddle bracket. Price \$3.50 each. And whip-rack for English coach and straight whip combined. Price 50 cents each.

JAMES J. READ, 13 Tremont Row, Room 10.

THE SQUARE TURNED

BALUSTERS

MADE BY

N. E. Artistic Carving Co.

ARE WORTH SEEING.



ARCHITECTS ESPECIALLY INVITED

TO INSPECT THE WORK OF

The N. E. Artistic Carving Co.

SOLE MANUFACTURERS,

621 Albany Street, BOSTON, MASS.

Send for Catalogue.



1800 in Yale College.

C. B. Demarest & Co.

272 and 274 Kent Ave.,

Brooklyn, N. Y.

MANUFACTURERS OF

Seating for Opera Houses,
Churches, Lodge Rooms,
Halls, etc.

Make a Specialty of Seating for Lecture Rooms for Educational Institutes.

THE AMERICAN ARCHITECT AND BUILDING NEWS

ADVERTISERS' TRADE SUPPLEMENT.

No. 102.

SATURDAY, DECEMBER 6, 1890.

VOLUME XXX.
No. 790.

SLIDING AND VENETIAN BLINDS.

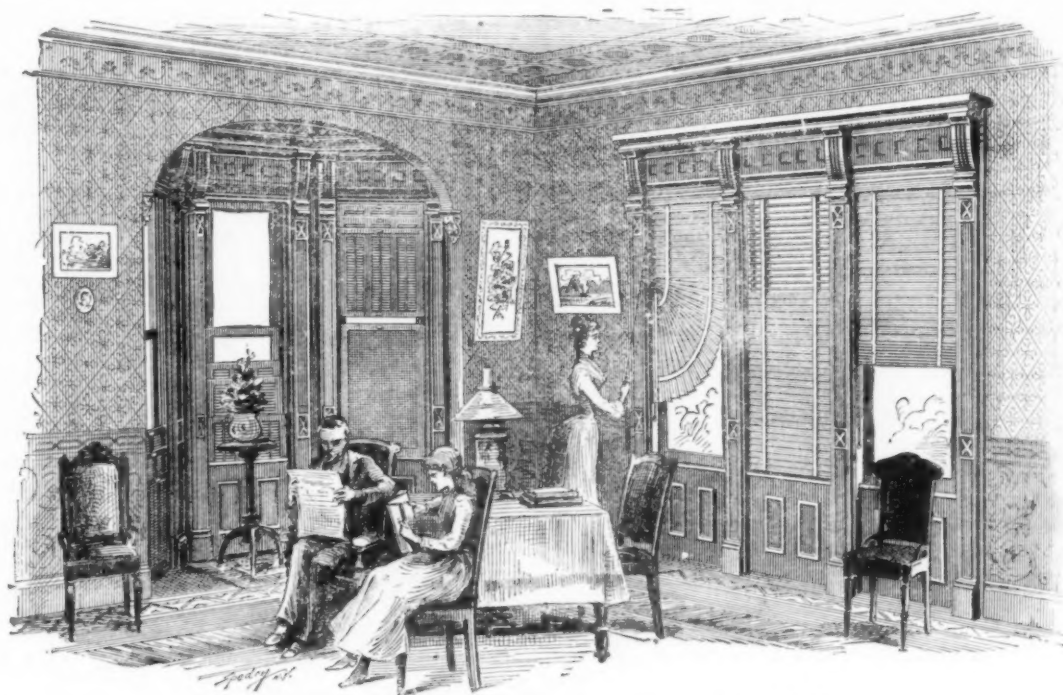
THE interior view here presented is taken from the catalogue of the Venetian Blind Co., of Burlington, Vt., and presents in a very attractive manner the advantages offered by the use of Sliding and Venetian Blinds. The Sliding Blinds are what is known as the Hill Patent. They are formed in compartments or sections, either two or more, and made to run in grooves, each section sliding past the other, with secreted springs to hold them in position at any point of elevation. There is no sagging, banging or folding in and out; they are easily managed; out of the way of plants, flowers or other articles upon the window-sill,

years ago, they have been constantly increasing their plant and now have an entire outfit of improved machinery especially adapted for the purpose of this manufacture, which, taking into consideration their location in the midst of one of the largest lumber districts of the country, the large capital and the specially trained mechanics in their employ enables them to excel in their special branch. We have published a large and finely illustrated catalogue, and believe it will be found an especially valuable reference-book to the architect or builder. It may be obtained by addressing the main office at Burlington, Vt., or our New York office, World Building; Brooklyn office, 16 Court St.; Chicago office,

users to carefully consider the qualifications of this steam trap.

- (1) Its simplicity.
- (2) Its construction, which is of steel.
- (3) It has no rubber joints.
- (4) It has but one valve, which is on the outside.

It does not "trap" off the water into some drain to be wasted, or into a tank to again be pumped into the boiler, but it takes the water directly from the heating coils, whether at a point above or below the boiler is of no consequence, and returns it without loss to the boiler, at a temperature of over two hundred degrees Fahrenheit, effecting thereby alone a great saving in the cost of fuel, besides the



Interior View, Showing Sliding Blinds and Screens and Improved Venetian Blinds.

and do not interfere with curtains or draperies. By pressing the blinds to the right they can be instantly removed from the sliding grooves, without the use of a hammer or screw-driver. This makes them very convenient when it is necessary to clean the blinds or windows.

The Venetian Blinds are particularly adapted to school-rooms and office-buildings and where the control of the light is essential. They are being adopted entirely in the schools of New York city and in many schools in the West.

The manufacturers state that since starting the manufacture of these blinds some five

65 E. Washington St.; or any of the following agencies: Roland T. Oakes & Co., Holyoke, Mass.; G. Sumner Woods, Natick, Mass.; Providence Wall Paper House, Providence, R. I.; A. G. Angus, 31 Lake Avenue, Albany, N. Y.; Cunningham, Young & Co., Troy, N. Y.; W. B. Styles, 347 Church St., Poughkeepsie, N. Y.; S. L. Graves & Co., Buffalo, N. Y.; L. O. & E. S. Davis, Middletown, Conn.

VENETIAN BLIND CO.
BURLINGTON, VT.

AUTOMATIC STEAM TRAPS.

It would be to the interest of all steam

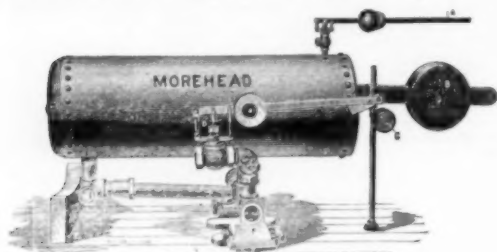
great advantage of keeping the boiler fed with the pure water.

This trap is connected with a great many paper-machines, hot-blast heaters, dry-kilns, brewers' kettles, etc., and in every case proves a grand success.

We guarantee this machine, providing it is connected according to directions, to take the condensation from paper-machines, hot-blast heaters, dry-kilns, steam-pipes, radiators, etc., and return it direct back to the boiler, whether live steam, or exhaust steam is used, regardless of steam pressure on boiler.

Explanation—trap for returning water

direct to the boiler, to accomplish this the trap is located at point above the water level. *D* is steam-pipe leading from dome of boiler connecting with the inlet pipe between check valve *F* and inlet chamber. *F* and *F2* are check valves located in the inlet and outlet pipes. When the trap has filled sufficient to the tilt or dump, in doing so the valve *D* opens admitting steam from boiler to top of the water, closing check valve *F* and forces water through the outlet pipe past the check valve *F2* into the boiler, until the water is out sufficient to allow the trap to resume its normal position, when the valve *D* closes and the boiler pressure closes check valve *F2*, and



Improved Automatic Steam Trap.

return pressure opens check valve *F*, and the trap refills.

The trap for discharging condensation to tank, depends mainly on gravity, and is the only gravity trap made.

This steam trap excels all others because, it works principally on the weight of water it receives, the varying of steam pressures being of no consequence because the trap tilts over one-third before it strikes the valve-lever, therefore overcoming the pressure on the valve.

The trap does not depend on the operation of a float, or a soapstone, which is at any time liable to collapse or sink, or on contraction and expansion.

HUYETT & SMITH MFG. CO.,
DETROIT, MICH.

THE "WILLER" SLIDING BLINDS.

THE Nineteenth Century has been justly styled an Age of Wonders, and there are few phases of the marvellous progress, of which we of the present day are so legitimately proud, and which intellectual research and practical

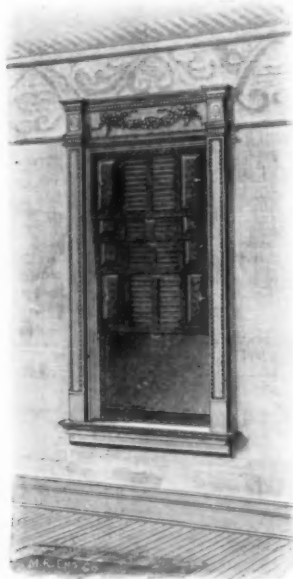


Illustration of Class "D."

ingenuity have been turned to more successful account, than in the continuous and notable improvement of those fittings which conduce so greatly to the comfort and convenience of the home.

A case in point, as pertaining to window-fittings in particular, is furnished by an elaborate and superbly illustrated catalogue (No. 9), recently issued by the Willer Manufacturing Co., Milwaukee, Wis. The major portion of the work is devoted to their specialties in "Sliding Blinds," (that being one of the most important branches of their business), and the

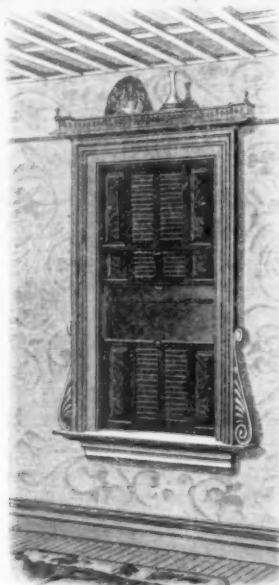
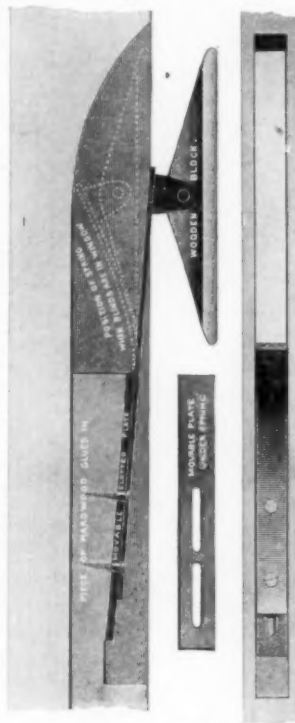


Illustration of Class "E."

varieties of style and method of application of the various forms of the "Sliding Blind" are so clearly explained and fully illustrated, as to make it seem that there is no conceivable requirement, in the way of window-fitting, that these blinds are not qualified to fulfil.

For purposes of convenience and reference, the blinds are grouped into twenty classes,



The "Willer" Adjustable Spring.

each having some feature of make or arrangement wherein it differs from any of the others. The blinds, which are made in any wood, hard or soft, are divided into any required number of sections which slide up and down, like an ordinary sash, in grooved guide-ways. The guide-ways are adaptable to any kind of window, new or old, while the sections are balanced and retained in any desired position by means of a spring (patented by this firm), consisting of a thin steel strip, screwed at one end to an angle-block in the side of the blind,

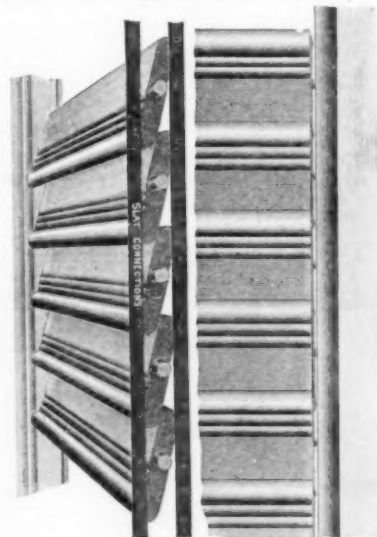
and having, at the free end, a pivoted piece of wood, which serves as a friction block; wood only being used for this purpose on account of it being more adhesive than metal, besides being less likely to mar or chafe the guide-ways.

The power of the spring can be regulated by a small slotted plate beneath it. This can be moved back or forward to increase or diminish the pressure of the spring, so that it can be exactly adjusted to the weight of the section to which it is attached.

The form of blind in most general use is shown in classes "D" and "E," in which the blind slides wholly within the window opening.

"D," comprising four sections, allows of three-fourths of the window space being uncovered. "E," containing three sections, admits of two-thirds of the window being cleared. These are, of course, eminently suited for adaptation to existing windows, but where the house is being newly built or altered it becomes practicable for the architect to arrange for a space above or below the window (sometimes both), into which the sections can be raised or lowered, so as to allow of any part or all of the window being uncovered at will.

The blinds are fitted with various arrangements of solid panels and "stationary" or



The "Willer" System of Rolling Slats.

"rolling" slats. Of the "rolling" slats, the Willer Manufacturing Co. makes a distinct feature. The slats are connected and operated by a special method, of which they hold the patent, which obviates the cumbersome and unsightly rod in front, which so many find objectionable.

A noteworthy feature of these blinds is that any section of the blind can be removed at will, and as easily replaced, without interfering with the sash or the other sections of blind.

They are divided into two grades, a "first" and a "second" quality. In the first grade only the prime material is used, and exceptional and special care is taken at every stage of the manufacture. The panels are centre-raised; stiles, rails and mullions have moulded edges, the material is especially selected for its qualities of grain and color, and every portion of the work is carefully sand-papered and smoothed off before being finished. For the finishing, there is first used a coat of Wheeler's Patent Wood Filler, then a coat of white, or orange pure gum alcohol shellac, and finally, a coat of the best hard gum coach varnish or oil finish. When ordered rubbed or polished finish, they are rubbed with pumice-stone and oil. The guide-ways are of hard wood, and the hardware fittings (of which a full set is

supplied with every blind) are of genuine bronze.

The "second" quality is a cheaper article, for use in buildings of minor importance. The material is less carefully selected, the faces and panels are sand-papered by machine instead of by hand, the guide-ways are of soft wood, and the hardware is of imitation bronze, while the rolling slats cannot be used in more than half the divisions. In all other respects they are alike, having the same substance and the same general appearance.

A price of fifty cents is charged for the catalogue (No. 9), the latter part of which is devoted to a series of designs of fine stair-work; but a smaller edition (No. 10), which contains all that would be required by any one interested, is furnished free.

For further particulars, address,

THE WILLER MFG. CO.
FOURTH AND CEDAR STS., MILWAUKEE, WIS.

THE OTIS ELECTRIC ELEVATOR.

WITH the rapid introduction of electric light and power stations into nearly every city and town in the civilized world, a source of power of unsurpassed cheapness and great reliability has been made available for the performance of work needed for domestic service in buildings of every description; yet, notwithstanding the many advantages of this motive-power, its safety, simplicity, extraordinary efficiency, absence of noise, smell, smoke, ashes and heat, also freedom from liability to damage by frost or by unskilled attendance, its adaptation for elevator-service presented many difficulties.

Elevator-machinery as a rule meets with the roughest manipulation while in use. No other apparatus operated by electric power is exposed to such strain—not even in street railroad service, where, at least, the same operator is constantly in charge and a systematic inspection considered indispensable.

By carefully considering these special conditions, we have succeeded in perfecting an electric elevator which is well suited to many places where it has heretofore been impracticable to use such an apparatus. The winding machinery and safety appliances (including the Safety Governor, the Gravity Safety Wedge, the Automatic Stop-motion and the Slack-cable Stop; also the devices for controlling the movement of the elevator-car) are such as we have been constantly building for the past twenty-five years; consequently, in the elevator proper, there are no experimental features. To give motion to the elevator-machinery, we connect therewith, and make a part of the same, the very ingeniously constructed motor (invented by Mr. Rudolph Eickemeyer, of Yonkers, N. Y.) which possesses many novel and meritorious features, especially adapted to elevator-service, for which it was expressly designed. This motor, when so combined with the elevator, stops and starts with a gradual movement, and consumes power only in proportion to its load, and only while the elevator is in use, thus effecting the greatest economy in the consumption of power. It possesses in the highest degree the best points of motor-construction, and the highest efficiency yet obtained. Simple and accessible in all its parts, of the best material to meet electrical and mechanical requirements, it is also protected by its unique construction, which makes the motor completely iron-clad without adding any unnecessary weight. It has, further, the special advantage of a powerful field and the shortest possible magnetic

circuit, which entirely prevents "sparking" at the commutator, and affords perfect self-regulation. It may also be added that, although it possesses a very strong magnetic field, yet there is no external magnetism in the machine, and consequently there is no danger of damaging a good watch, even if placed in contact with the casing. The motor is so coupled to the elevator-gear that it starts and stops with the winding-machinery, the whole being under perfect control of the operator in the car, thus forming a self-contained apparatus, free from jerky and irregular running of detached gearing, as when operated by belts.

The difficulties heretofore experienced from heating and "burning out" have been effectually guarded against in the construction of this machine; and, in connection with the operating device, we employ an indicator which at all times shows the operator in the car the exact position of the controlling and reversing switch on the motor.

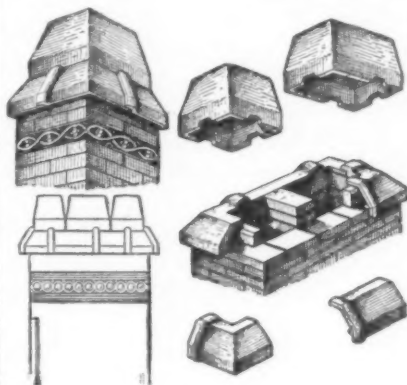
After several years of careful study and practical experiment, and having had several of these machines in actual service for a number of months, we are prepared to offer elevator users the first electrical elevator that we have found to be successful in meeting the important requirements of easy and gradual starting and stopping of the car, concurrent action of motor and winding-machinery, and utmost economy of operation.

The estimated cost of running the Otis Electric Elevator, ranges from \$7 to \$18 per month. The electrical company furnishing the power will meter the current, and as the motor is only in operation when the elevator is running, and the power consumed being in proportion to the load raised, brings the cost of running down to a very low figure; and a fair estimate for your building would be \$10 to \$12 per month.

OTIS BROTHERS & CO.,
NEW YORK.

AN EVERLASTING CHIMNEY TOPPING.

As a protection against the early destruction of chimneys by rain and frost, the Hansen patent salt-glazed chimney-top, a device patented by a Chicago architect, seems to meet with general approval, its use demonstrating just what was claimed when the device was put upon the market. The success in introducing them already achieved, mainly in Chicago, is because of the simplicity in principle



and undoubtedly substantial character of the material of which it is made and the praise bestowed upon it by those who have given the device a trial. These toppings are almost as cheap as common brick toppings, and should be used generally for permanent work,—repairs as well as in new work.

Eastern agents.—Stapples Bros., Lowell, Mass.; Orrin D. Person, 155 W. 23d Street,

New York; E. H. Thomas, Philadelphia, Pa.; Wm. W. Clark & Son, Baltimore, Md.

ADAMANT.

A NATIONAL product that has sprung into world-wide popularity in the last five years. An improvement that revolutionizes wall plaster.

No portion of a building is so poorly constructed as the plastered walls.

For generations lime and sand plaster has been the only covering that has come into general use. Lime with its cracks and its shrinkage, teeming with noxious vapors and gases, a home for vermin and a harbinger for disease germs. Lime—just as our forefathers used it, damp, cold and porous, with the wind whistling through it like a sieve, carrying death to the aged and infirm, contagious diseases to the babes in their cradles and discomfort and disgust to us all.

Happily that day is done, and the inventive genius of the nineteenth century offers, as the result of a life devoted to scientific research, "Adamant, the perfection of Wall Plaster"; a covering for walls that becomes hard and chemically complete in a few hours.

A plaster that never gaps out, chips, cracks, nor falls off; that is more dense even than Portland cement by over 200 per cent. An article that is windproof, fireproof and waterproof.

Lime and sand require the action of carbonic acid gas for many years before the lime wall can return to a natural state or carbonate of lime. No process of carbonizing lime artificially has ever been discovered. Adamant has gypsum for its base and in course of manufacture the sulphuric acid and water of crystallization is driven out.

Its composition is such therefore that upon the addition of water at the building a complete sulphate of lime is formed which in a few hours after being applied becomes very hard and capable of resisting intact all the ordinary casualties that prove so destructive to common plaster. It is a dry material, shipped ready for use by simply mixing with water and is applied like common plaster.

"Adamant" costs but little if any more than good three-coat lime plaster and is as much superior to lime as perfection is superior to failure, inasmuch as it will resist fire and water, and wind cannot blow through it. Frost does not affect it, and it can be treated with any desired finish within two or three days after the application of last coat. It is rapidly revolutionizing the old method of covering walls and ceilings. Adamant is applied easily by any good plasterer and painters, paper-hangers, and frescoers all appreciate its advantages over common plaster. As an evidence of its growth and popularity, we cite you to the fact that it has been five years on the market, and to-day the annual output will approximate one million barrels.

Forty factories scattered from Boston to San Francisco employing nearly two million dollars capital are unable to supply the demand.

Our best architects specify it, and all honest mechanics, who have investigated it are its strongest advocates.

For further detailed information in regard to "Adamant the perfection of Wall Plaster" we refer you to any of the Adamant Companies whose advertisement appears from time to time in this paper.

INTERNATIONAL ASSOCIATION ADAMANT
WALL PLASTER MANUFACTURERS.

THE HABERSTROH PROCESS FOR DECORATING CEILINGS AND WALLS.

Among the many processes which come to the surface from year to year there are few, if any that survive a decade; and the reason of this relegation is owing, not so much to the materials employed, as in the intelligence and process of their application.

The first requirements of any valuable process used in the applied arts are its artistic possibilities and lasting qualities; the old painters of the Renaissance periods made every part of their work complete, color, design, and expression being the basis of their endeavors; as a result, their products never lose their freshness and character. In the same spirit, and with a knowledge of the technical value of the processes, this medium is presented to the decorative world.

To be brief, we will enumerate the advantages of the Haberstroh process, and leave it to the intelligence of those who use decorative materials, whether we have not succeeded in inventing a really important medium for popular use in the applied arts.

The process can be applied to all known surfaces where high or low relief is required; or it can be successfully used over textures, or where a background needs relief to make a complete decoration.

One of the most important functions is the freedom with which it can be manipulated so as to render the most intricate work graceful in movement, brilliant, or subdued in effect. In this phase we note its value in reproducing the effects of tapestry, lace, embroidery; also Roman mosaics in a free, natural, and artistic relief; then, too, the most excellent results are attained by this process in all reproductive work where the Spanish, Venetian and Flemish embossed or hand-tooled effects of leather and textile fabrics are required, textures or designs of any nature never limiting its scope.

There is, in fact, no limit to the uses of the process, every product showing a refined result where color and relief are desired at the same time. In the matter of pure relief ornamentation, such as is required on mouldings, borders, frames, etc., the process has been used with fine results, while in incised and delicate tracery there is no better process known. As previously hinted, all surfaces can be treated by this process, and in this particular it has been found to be of value in covering old, imperfect walls, making them practically as good as new. The importance of this process to the decorative world, summed up, is embodied in the following points: first, its resources in flat, high, and low relief, and modelled effects. Secondly, its richness and elegance of complete finish.

Any further information, of whatever nature, may be obtained of

L. HABERSTROH & SON,
2 PARK STREET, COR. BEACON, BOSTON, MASS.

NOTES.

THE Globe Ventilator Company of Troy, N. Y. have just made a sale of nine thirty-inch Globe Ventilators to the Utility Paper Company of Hartford City, Ind., for exhausting steam from their mill.

THE Detroit Heating and Lighting Company have just secured one of the largest hot-water heating contracts of the season in St. Anthony's Hospital of the Sisters of the Poor at Columbus, O., requiring about 15,000 feet of radiation.

On this job will be used for the first time

the new extra-large Bolton Heaters adapted for large work.

THE Gorton & Lidgerwood Company, New York, Chicago, and Boston, have secured the services of Mr. Farrington L. Wright, who will travel through the New England States in the interest of the Gorton House Heating Boilers.

LIEUT.-COL. W. R. KING, U. S. A., commanding United States Engineers School at Willets Point, New York Harbor, recently sent out invitations for bids to be opened November 10th for furnishing one No. 2 Gorton patent side-feed boiler, complete, and of the latest improved design, for a new government building. This boiler was delivered on the 15th ult. in accordance with the specifications, and makes the fourth Gorton boiler in use at Willets Point.

The Gorton & Lidgerwood Company, New York, Chicago and Boston, sole manufacturers of this form of house-heating boiler, are in receipt of many flattering communications from government officials regarding the numerous boilers of their manufacture in use in various government stations throughout the country.

THE N. & G. Taylor Co. of Philadelphia are sending out a lithographed card which exhibits the mottled appearance of the coating of their "Old Style" roofing tin, and is embossed with the trademark with which each plate of this brand sold by them is marked.

BUILDING INTELLIGENCE.

Reported for the American Architect & Building News.

ALTERATIONS.

Brooklyn, N. Y.—*Lafayette Ave.*, s e cor. Throop Ave., three-sty brick store and dwell., tin roof, three-sty brick extension; cost, \$4,250; owner, Charles J. Hoffmann, on premises; architect, Geo. Pearce, 176 Sumner Ave.

HOUSES.

Baltimore, Md.—*Charles Haas*, three-sty brick building, s w cor. Pratt and Fulton Sts.
Otto Goldbeck, 10 two-sty brick buildings, n s Biddle St., w Patterson Park Ave.
Charles Mileko, 10 two-sty brick buildings, w s Madeira Alley, bet. Fayette and Orleans Sts.
Jas. W. Sindall, 6 two-sty brick buildings, s e cor. Eden and Federal Sts.; and 4 two-sty brick buildings, e s Eden St., s Federal St.
Charles O'Connell, 4 two-sty brick buildings, e s Chesapeake St., s Lancaster St.
Dr. H. Lindley, three-sty brick building, s e cor. Park Ave. and Richmond St.
G. C. Goldman, 6 two-sty brick buildings, w s Benney St., s w cor. O'Donnell St.
Pinning Bros., 8 two-sty brick buildings, n s Lanvale St., bet. Bond and Bethel Sts.
R. W. Finch, 3 two-sty brick buildings, s s Elliott St., bet. Chesapeake and Streper Sts.
Henry Westfall, 10 two-sty brick buildings, w s Spring St., bet. Oliver and Federal Sts.
A. Hampson, 4 three-sty brick buildings, w s Charles St.; and 6 three-sty brick buildings, s s Fifth St., w Charles St.

STABLES.

Boston, Mass.—*Beacon St.*, rear, bet. Hereford St. and West Chester Park, Ward 11, one-sty brick stable, flat roof, 38' x 52'; owner, J. B. Case; builder, B. D. Whitcomb.

Sunnyside Terrace, near Westerly Terrace, Ward 22, one-sty frame stable, 20' x 22'; owner, G. Danielson; builder, G. W. Pope.

West Second St., Ward 13, two-sty frame stable, flat roof, 50' x 123'; owners, Bay State Ice Co.

New York, N. Y.—*Ninth Ave.*, w s, bet. One Hundred and Seventh and One Hundred and Eighth Sts., three-sty brick, iron and stone stable; cost, \$70,000; owners, Lion Brewing Co.; architects, Lederle & Co.

Fifty-sixth St., n s, near Eleventh Ave., two-sty brick and stone stable and three-sty wagon and storage building; cost, \$30,000; owner, Philip Schaefer; architect, Lederle & Co.
One Hundred and Eighteenth St., s s, 75' e First Ave., three-sty brick stable, tin roof; cost, \$12,000; owner, Joseph F. Gallagher, 415 East One Hundred and Twentieth St.; architect, Andrew Spence, 163 East One Hundred and Twentieth St.

One Hundred and Forty-sixth St., s s, 260' e Amsterdam Ave., three-sty brick stable, gravel roof; cost, \$18,000; owner, John Donnellon, 451 West Fourteenth St.; architect, Harry Van Benschoten, One Hundred and Forty-fourth St. and Tenth Ave.

Philadelphia, Pa.—*Huntington St.*, w s, w Twenty-fifth St., two-sty stable; contractor, Louis Walter & Son, 2816 Goldback St.

Bateman St., No. 1343, two-sty stable; contractor, John McCollough, 1339 Bateman St.
South Tenth St., No. 816, two-sty stable; contractor, R. Magee, 8 Walnut St.

Melrose St., n s, w Fifty-fourth St., two-sty stable; contractor, W. A. Patterson, 5330 Westminster Ave.

Salt Lake City, Utah.—*West Third South St.*, near West Temple St., four-sty brick business and livery stable; cost, \$50,000; owner, Mark McKrimmins; architects, Thompson & Weigle.

STORES.

Boston, Mass.—*Atlantic Ave.*, cor. Central St., Ward 5, two-sty iron store, flat roof, 50' x 90'; owners and builders, Central Wharf and Wet Dock Corporation.

Brooklyn, N. Y.—*Moore St.*, No. 31, bet. Leonard and Ewen Sts., four-sty frame store and dwell., tin roof; cost, \$8,000; owner, M. Rich, 136 Lewis Ave.; architect, Ernest Dennis, 115 Himrod St.

Third Ave., n w, cor. Thirteenth St., 2 four-sty brick stores and dwells., tin roofs; cost, \$10,000 each; owner, M. A. McCormick, 138 Sixteenth St.; architect, Thomas McCormick, 138 Sixteenth St.

Fifth Ave., e s, 160' n Thirty-eighth St., 2 three-sty frame stores and dwells., tin roofs; cost, \$3,000 each; owner, C. Duffy, 219 Thirty-fourth St.; architect, John Hutton, 24 Park Pl.

Moore St., s s, bet. Ewen and Leonard Sts., 3 four-sty frame stores and dwells., tin roofs; cost, \$9,000 each; owners, Paskus & Feldman, 26 Moore St.; architect, Hugo Smith, 27 Moore St.

Broadway, n s, 20' 30" e Roebling St., 2 four-sty brick stores and dwells., tin roofs; total cost, \$18,000; owner, Bernard Gallagher; architect, John Mumford, 16 Court St.

Woodbine St., s e, cor. Central Ave., three-sty frame store and dwell., gravel and cement roof; cost, \$3,000; owner and architect, C. B. Sturges, 135 De Kalb Ave.

Tey St., n e cor. Central Ave., three-sty frame store and dwell., gravel and cement roof; cost, \$3,000; owner and architect, C. B. Sturges, 135 De Kalb Ave.

Central Ave., e s, 25' s Woodbine St., 6 three-sty frame stores and dwells., gravel and cement roofs; cost, \$5,000; owner and architect, C. B. Sturges, 135 De Kalb Ave.

Saratoga Ave., n e cor. Bainbridge St., three-sty brick store and flat, tin roof; cost, \$9,000; owner, Samuel R. Good, 214 Ralph Ave.; architect, Harry A. Sibley, 214 Ralph Ave.

Broadway, n e cor. Roebling St., four-sty brick store and dwell., tin roof; cost, \$18,000; owner, J. Moller, 135 South Ninth St.; architect, John Mumford, 16 Court St.

Sixth Ave., e s, 20' s Eleventh St., 2 four-sty brick stores and dwells., tin roofs; cost, \$32,000; owner, George O. Van Orden, 428 Fifth St.; architect, W. O. Tait, 166 Montague St.

Sixth Ave., s e cor. Eleventh St., four-sty brick store and flats, tin roof; cost, \$18,000; owner, George O. Van Orden, 428 Fifth St.; architect, W. O. Tait, 166 Montague St.

Arlington Ave., n e cor. Hale Ave., three-sty frame store and dwell., tin roof; cost, \$7,000; owner, A. Applehaus, 2921 Atlantic Ave.; architects, Damm & Fischer, 2921 Atlantic Ave.

Sixth Ave., e s, 81' s Eleventh St., four-sty brick store and flats, tin roof; cost, \$10,000; owner, Geo. O. Van Orden, 428 Fifth St.; architect, W. O. Tait, 166 Montague St.

Fulton Ave., s w cor. Saratoga Ave., 5 three-sty brick stores and dwells., gravel roofs; cost, \$4,500; owner, Patrick Donlon, Dean St., near Grand Ave.; architect, O. E. Hoppse, 34 Troy Ave.

Third Ave., w s, 60' s Fifty-third St., three-sty frame store and dwell., tin roof; cost, \$3,600; owner, Catharine Weisch, 1248 Third Ave.; architect, Th. Engelhardt, 905 Broadway.

Sutter Ave., n w cor. Rockaway Ave., three-sty frame store and dwell., gravel roof; cost, \$3,000; architect, A. J. Warren, 2583 Atlantic Ave.

Vanderbilt Ave., w s, 28' s Bergen St., 6 four-sty brick stores and dwells., tin roofs; cost, \$7,000 each; owner, Thomas H. Robbins, Keyport, N. J.; architect, Henry Vollweiler, 486 Hart St.

Third Ave., n e cor. Thirty-third St., 2 three-sty frame stores and dwells., tin roofs; cost, \$3,500 each; owners, Everard & Son, 126 Thirtieth St.; architects, H. L. Spicer & Sons, Third Ave. and Fifty-third St.

Atlantic Ave., n e cor. Franklin Ave., 3 four-sty brick stores and dwells., tin or composition roofs; total cost, \$50,000; owner, Eugene G. Blackford, Bedford and Herkimer Aves.; architect, G. H. Schellinger, 128 Broadway, New York City.

Third Ave., s w cor. Forty-fifth St., 2 four-sty brick stores and dwells., tin roofs; cost, \$23,000; owner, A. Waldron, Forty-eighth St., near Fourth Ave.; architects, H. L. Spicer & Son, Third Ave. and Fifty-third St.

Third Ave., w s, 60' n Fifty-fourth St., four-sty frame store and dwell., tin roof; cost, \$4,500; owner, John T. Smith, 1276 Third Ave.; architect, W. Clemett, 250 Forty-ninth St.

Manhattan Ave., s e cor. Ash St., four-sty frame store and dwell., tin roof; cost, \$7,000; owner, Wm. Kasper, 630 Manhattan Ave.; architect, Th. Engelhardt, 905 Broadway.

Frost St., s s, 175' e Graham Ave., 2 four-sty frame stores and dwells., tin roofs; cost, \$6,000 each; owner, architect and builder, John Rueger, 250 Moore St.

Detroit, Mich.—W. Reich, five-sty brick store, 42-46 Champlain St.; cost, \$16,000.

Little Rock, Ark.—Dickinson & Darragh, four-sty store, Markham St., near Commerce St.; cost, \$20,000; architect, Fred J. H. Rickon.

Minneapolis, Minn.—Andrew Hangan, brick stores and flats, 2538 Stevens Ave.; cost, \$22,000.

New York, N. Y.—*Elm St.*, No. 168, six-sty brick store, tin roof; cost, \$20,000; owner, John R. Anderson, 833 Lexington Ave.; architects, Thom & Wilson, 1267 Broadway.

Broome St., No. 58, five-sty brick store, tin roof; cost, \$15,000; owner, William Schneider, 127 Sullivan St.; architect, J. E. Terhune, 47 Liberty St.

Little Twelfth St., No. 34-36, two-sty brick store, tin roof; cost, \$8,000; owner, Michael Lawless, 92 Pine St.; architect, E. D. Homes, 252 West One Hundred and Thirty-third St.

Philadelphia, Pa.—*North Front St.*, No. 2434, 2 three-sty stores and dwells.; contractors, William Steele & Son, 506 Walnut St.

Sansom St., n s, w Sixth St., six-sty store; contractors, William C. McPherson & Son, 325 Cherry St.

Salt Lake City, Utah.—*Main St.*, cor. Third South St., four-sty brick store; cost, \$40,000; owners, Walker Bros.; architects, Carroll & Korn.

First South St., five-st'y brick store; cost, \$50,000; owner, H. Dinwoody; architect, Robert Bowman; contractors, Watson Bros.

TENEMENT-HOUSES.

Boston, Mass.—*Charter St.*, No. 43, Ward 6, four-st'y brick tenement, flat roof, 24' x 37'; owner, Nora Donahue; builder, K. Driscoll.

New York, N. Y.—*One Hundred and Seventy-fifth St.*, n e cor. Webster Ave., three-st'y brick tenement, tin roof; cost, \$8,000; owner, John W. Katzenburger, 324 West Fifty-third St.; architect, Arthur Aretander, 58 Liberty St.

One Hundred and Fifty-fourth St., n s, 145' w Elton Ave., four-st'y brick tenement, tin roof; cost, \$9,000; owner, Edward Gleichman, 681 East One Hundred and Fifty-fourth St.; architect, Frans L. Blom, 426 West One Hundred and Twenty-fifth St.

THEATRES.

Philadelphia, Pa.—*Marshall St.*, w s, n Girard Ave., four-st'y theatre; contractor, M. Schmid, 639 North Sixth St.

Waco, Texas.—It is reported that an opera-house, to cost \$100,000, will be built.

WAREHOUSES.

New York, N. Y.—*Cherry St.*, s w cor. Pelham St., six-st'y brick and stone warehouse, cost, \$28,000; owner, Weil & Mayes; architect, Schneider & Herter.

MISCELLANEOUS.

Baltimore, Md.—It is reported that the L. O. O. F. will expend \$100,000 for a new building.

Boston, Mass.—*Tennyson St.*, No. 5, rear, Ward 11, one-st'y iron mechanical building, flat roof, 21' x 35'; owners, Emanuel & Findlay; builder, C. A. Gardner.

Marginal St., No. 228, Ward 2, four-st'y brick storage, pitch roof, 43.8' x 56'; owners, W. Smith & Co.

Conant St., Ward 22, four-st'y brick brewery, flat roof, 61.4' x 80', and one-st'y boiler-house in rear, 22' x 34'; owners, McCormick Brewery Co.; builders, Sampson, Clark & Co.

Richmond St., Nos. 33 and 37, Ward 6, seven-st'y brick storage, flat roof, 74' x 155'; owners, Quincy Market Cold Storage Co.; builder, W. Carpenter.

Medford St., No. 405, Ward 4, two-st'y brick bakery, 110' x 225'; owner, United States Baking Co.; builders, Johnson Bros.

Richmond St., No. 9, Ward 6, two-st'y brick storage, flat roof, 40' x 92'; owner, Quincy Market Cold Storage Co.; builder, W. Carpenter.

Brooklyn, N. Y.—*Ralph Ave.*, e s, 150' s Prospect Pl., frame dancing pavilion, tin roof; cost, \$6,000; owner, John W. Eckelkamp, 1 McDougal St.; architect, Charles Infanger, 68 Van Siclen Ave.

Green St., Nos. 8-10, one-st'y brick machine-shop, gravel roof; cost, \$5,000; owner, Charles L. Rowland, 61 Morton St.

Chicago, Ill.—Union Stock Yards Company, two-st'y engine-house, Exchange Alley; cost, \$5,000. Union Stock Yards and Transit Co., shelter shed, Forty-second St. and Exchange Alley; cost, \$5,000.

The building world presents no great variety, or anything of much consequence, except that it adds that additional number of improved lots, and diminishes to some extent the unimproved ones of the city. It is so near the end of the building year that nothing of much prominence is looked for before next year's work is being arranged for.

Colorado, Texas.—The Colorado Club will build a two-st'y building; cost, \$75,000.

Germantown, Pa.—*Wingohocking Station*, a stone and brick gymnasium for the Jewish Foster Home is about to be built on the grounds.

Holyoke, Mass.—*Le Duke Block*, cor. Jackson and High Sts.; masons, Kilkelly & Son; carpenter, J. Boger.

Prentiss, Brooks & Co., frame storehouse, Front St.

Milford, Mass.—*East St.*, cor. Central St., frame electric motor station, 138' x 144', for Milford Electric Street Railway Co.; architect, W. W. Lummas, Boston.

New York, N. Y.—*West St.*, Nos. 479-483, and *West Twelfth St.*, Nos. 394-396, five-st'y brick bakery, gravel composition roof; cost, \$40,000; owners, American Biscuit Mfg. Co., n e cor. West and Bethune Sts.; architect, G. Vigeant, Chicago, Ill.

One Hundred and Fiftieth St. and The Boulevard, six-st'y brick, stone and terra-cotta building; owners, The Hebrew Sheltering Guardian Society; architect, John H. Duncan.

Fulton Ave., abt. 324' n One Hundred and Sixty-seventh St., three-st'y brick fire engine-house; cost, \$17,000; owner, City of New York, City-hall; architects, N. Le Brun & Son, 50 Broadway.

Palmer, Mass.—*Mr. Loomis*, three-st'y block, Main and Foundry Sts.; builder, F. F. Marcy.

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Philadelphia, Pa.—*Shiller St.*, s s, e G St., one-st'y shop; owner, G. L. Thompson, 2254 Howard St.

Wright St., No. 2254, one-st'y smith-shop; owner, Joseph Hartman, 2145 Sharwood St.

Bermuda St., e Magnet, 2 one-st'y chemical buildings; owner, H. W. Jayne, Chemical Company.

Sargent St., s s, w Gaul St., one-st'y smith-shop; contractor, Robert Gregar, 2155 Williams St.

Huntington St., w s, w Twenty-fifth St., two-st'y slaughter-house; contractors, Louis Walter & Son, 2816 Goldback St.

Old Second St., n Kelley Lane, one-st'y brick building for brick manufactures; owner, Michael Egan, 2400 North Fifth St.

Kensington Ave. and Erie St., Harrowgate, the Charles C. Phillips Company, Nassau & Kuhn, proprietors, will build a melting-house with four furnaces; architect, E. F. Bertolotto, Esq.

Germantown Ave., w s, n Bristol St., dye-house; owners, John Graves & Bro., on premises.

Fifty-second St., w Media St., three-st'y machine-shop; owners, Camber Bros., Fifty-second and Media Sts.

Howard St., w s, s Oxford St., three-st'y store-

house; contractors, McCartney & Oler, 2355 East Dauphin St.

Haverford St., n s, e Lancaster Ave., brick building; contractors, James C. Fernald & Co., 4303 Fairmount Ave.

Manheim St., n s, s Wissahickon Ave., two-and-half-st'y stone club-house; owner, Germantown Cricket Club; contractor, H. S. Tourison, 5541 Germantown Ave.

Providence, R. I.—*East Ave. and Olney St.*, two-st'y frame building for fire station; builders, Fanning & Swan; cost, \$14,000.

Somerville, Conn.—Keeney Bros., three-st'y frame building for stores, hall and tenement; architect, F. R. Richmond, Springfield, Mass.

Springfield, Mass.—U. S. Government, three-st'y brick fireproof machine-shop, Federal St.; cost, \$106,350, contractors, Darling Bros.

George A. Schastey Co., three-st'y brick mill and one-st'y brick boiler-house, New York & New England R. R.; architect, F. S. Newman.

Kalmbach & Geirel, five-st'y brewery, Boston Road.



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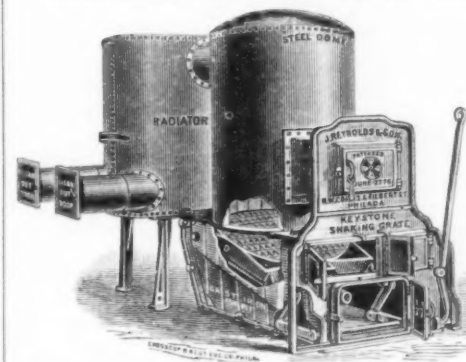
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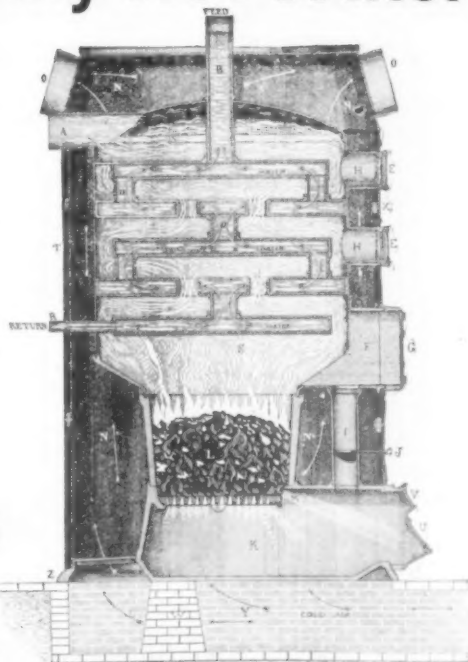
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TO OUR ADVERTISERS.

As all our advertisers have direct interest in the development of our INTERNATIONAL EDITION, inasmuch as all advertisements appear simultaneously in all editions of this journal, we ask their attention to the following statement which we addressed to our subscribers in the issue for November 15, last:

TO OUR SUBSCRIBERS.

A YEAR ago we broached the question of the possible publication of an International Edition of this journal and asked our subscribers to take immediate and final action on the suggestion, as, the size of the edition being once fixed, it would not be possible to change it, since upon it would be based the contracts made for the necessary supplies. This consideration makes it necessary to revert to the matter at this time, as it now becomes of importance to know how far new accessions to our subscription-list will make it necessary to revise and enlarge these contracts for supplies. We accordingly lay the following facts before our readers for their consideration and invite them to give us early notification of their decision.

The first year's [1876] issue of the *American Architect* contained 424 pages of text and the equivalent of 208 single-page illustrations — not including extras.

The current year's issue of the Regular edition of the *American Architect*, will, probably, contain 816 pages of text and the equivalent of 312 single-page illustrations — not including extras.

That is, in fifteen years, the text-matter has been increased 100 per cent, and the illustrations 50 per cent, yet the subscription price has remained the same! We did not at the outset make any promises as to growth and we make none now as to the possible growth of the

INTERNATIONAL EDITION.

We simply ask that these facts of actual increase of matter and relative reduction of cost may be borne in mind by those who may elect to support our endeavor to improve and develop this edition. How far we may be able to do this cannot now be foreseen, we only ask our subscribers to believe that in the employment of the funds which come to us in the form of subscription payments, we are likely to be as faithful trustees in the case of this as in the case of the original edition.

The year is not yet closed, but the contents of this year's issue of the INTERNATIONAL EDITION will probably consist of 816 pages of text and four complete indices, and the equivalent of 941 single-page illustrations — not including extras.

In the production of 728 of these pages of illustration different forms of photo-lithographic process printing have been employed. The remaining 213 plates have been produced by various more expensive and perfect methods of printing, such as heliotype, helio-chrome, and by photogravure, etching, and engraving upon copper plates, and to this list we hope to add collotype printing before long.

The subscription-price of the INTERNATIONAL EDITION being rather more than four times the subscription-price of the original edition, it would be fair to assert that it should contain either four times the gross amount or four times the real value of the original edition.

As to the amount by which the text falls short of being four times the original amount, we believe that the cuts in the text pages — which number from 700 to 1,500 per year — which had no counterpart in the original form, fully balance this shortage in the eyes of most architects. Moreover, the increase in the subscription-price was predicated originally only on the addition of illustrations.

Four times the original number of illustrations would call for the equivalent of 832 single pages, a total which is almost balanced by the 728 photo-lithographic pages already mentioned; but offsetting the 832 with an equal number, and we still have a balance of 109 pages in excess — if of equal value only. In reality this balance is represented by plates produced by the best and most expensive

methods of reproduction known to the modern printing world, the cost of which to the publisher in comparison with the photo-lithographic plates varies between 6 and 10 to 1 [disregarding entirely the far greater cost of the photogravures issued] according to the process used. Reduced to a common measure through the medium of average cost and these 109 plates may be said to represent 872 photo-lithographic plates, which makes, we think, a very fair balance of value rendered!

Compared with the necessarily vague promises stated in our circular a year ago, we find that our performance has been this:

The increase of text under heading (E) in our second circular has been made good by an addition of 83½ per cent to the reading matter, and it does not detract from the fulfilment that the necessity of simplifying editorial and administrative work compelled us at our own cost to add a similar enlargement to the other editions. The promises under heads (B) and (C) have also been fulfilled.

Under head (A) we promised an increase of 200 photo-lithographic pages and 150 gelatine plates [at that time we did not intend to publish etchings and engravings] while we find that actually the year's issue will contain an increase of 302 pages of photo-lithographic work and 108 gelatine plates to which must be added 50 pages of etchings and copper-plate engravings, which are certainly more costly, to say the least.

In one respect only have we not kept, no, more than kept, our promises.

Under heading (D) we offered to publish a certain number of competitive designs, but with a distinct proviso which pointed out that the promise could not be kept unless the subscribers would lend their aid.

Practically, this promise has not been kept for the simple reason that our subscribers would not lend the assistance upon which fulfilment was conditioned.

It appears then, that while we promised a total of upwards of 734 pages of illustrations, with a contingent of 96 for competitive designs, that is 830 in all, the year's illustrations will consist of 941 pages — not including the few competitive designs and other extras we have printed. It seems, then, that in the matter of mere quantity we have done far better than we promised, while by employing printing-processes we did not then think of using, we have added greatly to the value and variety of the result.

That there have been defects in quality we freely admit, and naturally, our attention will be turned first to curing these.

The point we lay stress on is that it is only reasonable to assume that the year now closing is for the INTERNATIONAL EDITION, what the year 1876 was for the journal in its original form, a starting-point, that is, from which to develop. As to what is to be its future development we do not intend to make any definite promises. We do not promise that the same processes of reproduction will be employed, we do not promise that the same distribution of product between the several processes will be preserved, and we do not promise that the same gross amount of material will be published hereafter. We simply do promise that up to the limits of our own comprehension, this edition shall not retrograde in merit any more than has the journal from its first up to and including its seven hundred and seventy-seventh issue.

Take down and examine the first and the twenty-ninth volumes and compare them, side by side, and then apply the same measure of difference to the present INTERNATIONAL EDITION as indicating its possible development, and consider whether it is not worth your while to share in and aid to bring about such a result by making known your intention to subscribe for this edition for the years to come.

Any Advertiser may obtain this edition—the handsomest and most expensive journal in the world—by remitting to us the difference between its price (\$25.00) and the subscription price of the free copy now sent him as evidence of the fulfilment of our contract with him.

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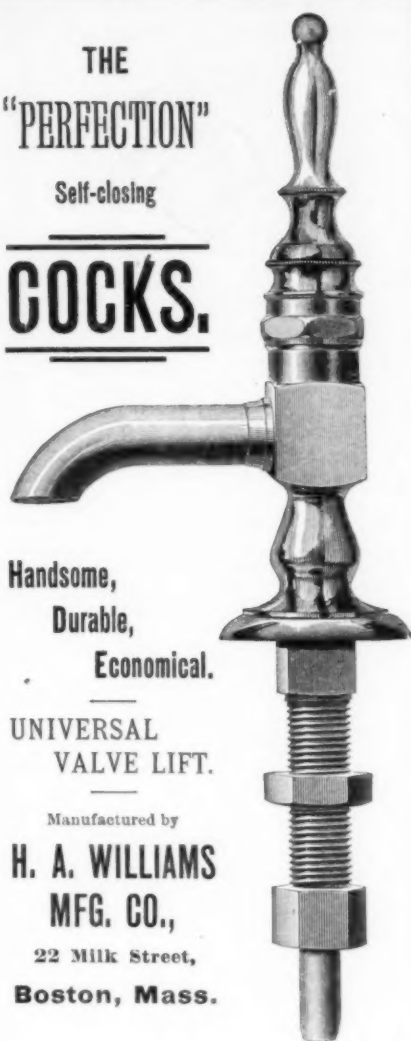
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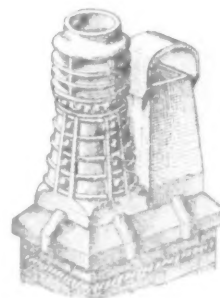
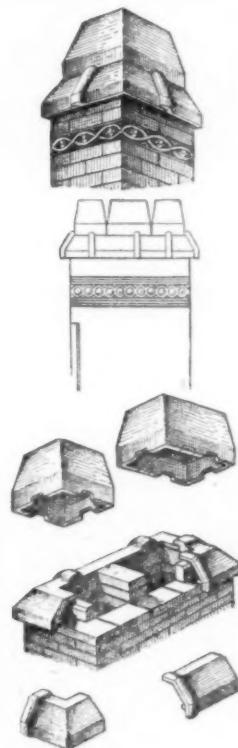
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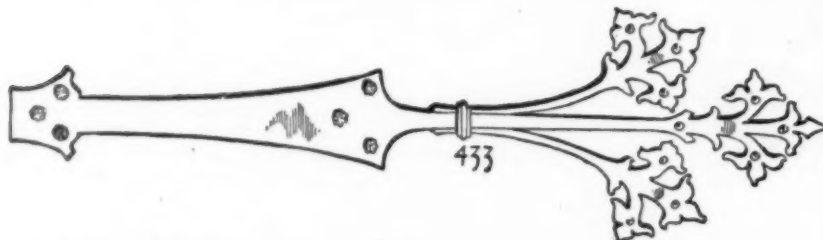
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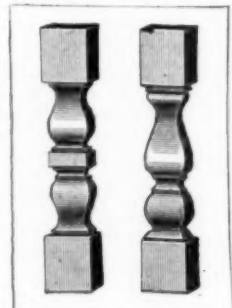
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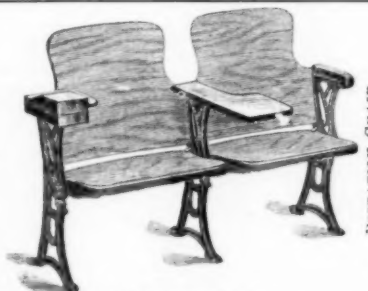
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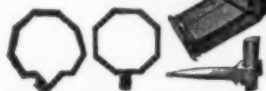
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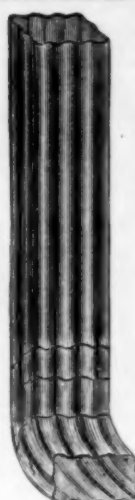
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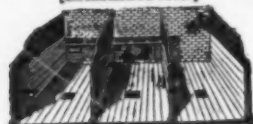
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" dark.....	15 00 @ 16 00		40 00 @ 45 00		Dark " @ 15 00
" red.....	15 00 @ 16 00		Phila. mould.....		" @ 15 00
Chicago pressed (Anderson).....			50 00 @ 60 00	15 00 @ 27 00	Pressed.....
Chicago Moulded.....				65 00 @ 350 00	22 00 @ 26 00
Baltimore.....	7 00 @ 41 00		Anderson.....	45 00 @ 55 00	Best Paving.....
Philadelphia.....	@ 22 00		14 00 @ 32 00	45 00 @ 50 00	Second " @ 16 00
Trenton.....	@ 22 00			25 00 @ 60 00	Third " @ 14 00
Milwaukee.....				30 00 @ 100 00	" @ 13 00
Moulded.....				30 00 @ 65 00	
Glens Falls Red Pressed.....	@ 37 00			35 00 @ 100 00	
" Buff.....	@ 30 00			55 00 @ 65 00	
" Moulded Red & Buff.....	45 00 @ 70 00				
Enamelled: Imp.....				@ 100 00	
Enamelled (edge).....	85 00 @ 100 00			@ 120 00	
Enamelled (edge and end).....	90 00 @ 115 00				
CEMENT, LIME, etc.—(P onk.)					
Rosendale Cement.....	90 @ 1 00				
Louisville.....					
Utica, Akron, Buffalo, Milwaukee.....	Not sold.				
Portland, English (Gibbs).....	2 50 @ 3 00				
" (K. B. & S.).....	2 50 @ 3 00				
" " Black Cross.....	2 25 @ 2 50				
" " (Burham).....	2 50 @ 2 80				
" " (White's).....	3 00 @ 3 75				
" French (LaFarge).....	3 90 @ 3 25				
" German (Alsen).....	2 25 @ 2 40				
" " (Fowor).....	2 50 @ 2 90				
" " (Vorwöhler).....					
" " (Lagerdofer).....	2 90 @ 3 25				
" " (Dyckerhoff).....	2 50 @ 3 00				
" " (Hanover).....	3 35 @ 2 85				
" " Stettin (Anchor).....	3 15 @ 2 45				
" American (Saylor's).....	2 75 @ 3 00				
Roman.....	5 15 @ 6 50				
Keene's coarse.....	9 25 @ 10 25				
" superfine.....					
Lime.....	3 50 @ 4 00				
Lime of Tell.....	@ 1 45				
Hydraulic Lime.....					
Chicago Lime in bulk.....	@ 1 00				
Wisconsin.....	@ 1 30				
Rockland and Rockport, (Com.).....	@ 1 30				
Rockland and Rockport, finish.....	@ 85				
Kelley Island Lime, finish.....	@ 1 10				
State, com. cargo rates (nom.).....	1 30 @ 1 25				
State, finishing.....	1 30 @ 1 35				
Plaster of Paris (salsined).....	1 30 @ 1 35				
" (casting).....	22 @ 15				
Hair (Cattle) & bush.....	22 @ 30				
" (Goat).....	1 00 @ 1 25				
Sand, & load.....					
STONE. (P cubic foot, rough.)					
Granite: (Maine).....	45 @ 1 25				
Limestones.....	@ 1 00				
Bedford.....	@ 1 00				
Joliet.....	@ 1 00				
Lemon.....	@ 1 00				
Serpentine.....					

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	(Wholesale Prices.)		(Prices to Builders and Contractors.)	
Mortar Colors.				
Black, brown, buff, p lb.	2 1/2			
Colorful, p lb.	2 1/2			
Red, p lb.	3			
White, p bbl.	1 75			
Foundation:				
Dimension, p cu. yd.		5 00	20 00	5 00
Block, p cu. yd.		4 60	18 00	4 50
Rubble, p cu. yd.		1 25	8 50	1 45
Bluestone: (p sq. ft.)				
Sidewalk, p sq. ft.	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 25
Planned, p sq. ft.	50 @ 6 00		50 @ 1 00	37 @ 50
Sandstone:				
Longmeadow, p cu. yd.	80	80 @ 90		95 @ 1 16
Kibbe, p cu. yd.	90	90 @ 1 10		
Brown (Connecticut), p cu. yd.	1 00 @ 95	1 25 @ 1 45	1 50 p cu. ft.	1 05 @ 1 35
Amherst, p cu. yd.	90 @ 1 00	90 @ 1 00	45 @ 50	
Berea, p cu. yd.	75 @ 1 00	85 @ 90	45 @ 55	55 @ 1 00
Berlin, p cu. yd.	75 @ 1 00	80 @ 90	55 @ 65	
Bellville, p cu. yd.	80 @ 1 25	1 25 @ 1 35	1 25	1 10 @ 1
New Brunswick (Dorchester), p cu. yd.	80 @ 1 00	75 @ 90		1 00 @ 1
Olsen, p cu. yd.		75 @ 2 00		1 25 @ 1
Carlisle, English, p cu. yd.	1 05	1 05		95 @ 1
Corse Hill (Scotch), p cu. yd.	1 05	1 05		
Marble: (p cu. ft.)				
Lee, Mass., p cu. ft.		1 75 @ 2 50	Not sold.	3 00 @ 3 50
Rutland, white and blue, p cu. ft.		2 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls, p cu. ft.	1 25 @ 1 75		350 @ 6 00	1 70 @ 3 00
Glens Falls, black, p cu. ft.			Not sold.	4 00 @ 4 50
Italian, blue-veined, p cu. ft.			Not sold.	2 50 @ 2 75
" Sienna, p cu. ft.			Not sold.	5 00
Tennessee, red, p cu. ft.			4 40	4 00 @ 6 00
" Knoxville, p cu. ft.			4 40	3 00 @ 4 00
Pennsylvania, blue, p cu. ft.			Not sold.	2 00 @ 3 00
Vermont, white, p cu. ft.			3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (p square).				
" green, p square.	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" unfading, p square.	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple, p square.	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red, p square.	10 00 @ 11 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" black, Lehigh, p square.	4 25 @ 4 75		6 25 @ 6 85	3 25 @ 4 00
" Chapmans, p square.	5 50 @ 8 00	5 50 @ 8 0	7 50 @ 8 00	4 00 @ 4 50
" Unfading Black, Monson, Mo., p square.			6 00 @ 9 00	5 50 @ 8 00
Tiles, Am., p sq. ft.			Not sold.	6 00 @ 25 00
N. Peach Bottom, warranted unfading				6 00 @ 6 75
PAINTS. (In oil, p lb.)				
White lead, Am., p lb.	7 25	7 25	6 1/2 @ 7	7
" Zinc, p lb.	5 25	5 25	7 @ 10 1/2	7
Red lead, Am., p lb.	6 25	6 25	6 1/2 @ 7	7
" Venetian, p lb.	6 25	6 25	12 @ 2 1/2	dry Eng. 8
" Vermilion, p lb.	65 @ 70	72 @ 75 dry	65 @ 68	Eng. 66
Red Indian, Eng., p lb.	12 @ 20	12 @ 20	12 @ 20	dry Am. 12
Yellow Ochre, p lb.	6 @ 15	7 @ 12	8 @ 15	18
" Chrome, p lb.	12 @ 20	18 @ 25	15 @ 25	12
Green (chrome), p lb.	8 @ 13	8 @ 20	8 @ 20	12
Green, Paris, p lb.	25 @ 40	25 @ 40	18 @ 35	20 @ 25
Black, lamp, p lb.	18 @ 25	15 @ 25	8 @ 30	20
Blue, ultramarine, p lb.	12 @ 18	18 @ 30	12 @ 35	20
Oil, linseed, (raw), p gal.	58 @ 62	61 @ 62	57 @ 60	58
" boiled, p gal.	61 @ 65	64 @ 65	60 @ 63	61
Turpentine, p gal.	40 @ 41	40 @ 44	51 @ 51	50
Varnish, coach, p gal.		1 50 @ 6 00	1 25 @ 2 00	3 00
Shellac, p lb.		2 50 @ 3 00	2 25 @ 4 00	2 75
Putty, p lb.	2 @ 4	2 @ 4	02 @ 02 1/2	2
Whiting, p lb.	75 @ 1 00	1 @ 1 1/2	1 @ 1 1/2	1
Paris white, (Eng.), p lb.	1 30 @ 2 00	2 @ 3	1 1/2 @ 2	1 1/2
Litharge, Am., p lb.	14 @ 20	14 @ 20	6 @ 7	7
Sienna (burnt), p lb.	14 @ 20	14 @ 20	4 @ 16	14
Umber, p lb.	14 @ 20	14 @ 20	2 @ 10	12
HARDWARE.				
Nails: (Per Cask.) Spikes, (sawed).	2 85		2 75 @ 3 00	pr kg 2 25
10d. common, p cask.	2 60	2 40	2 25 @ 2 75	2 30
Shingle, p cask.	3 35	3 50	2 25 @ 4 00	2 60
Lath, p cask.	4 85	3 70	3 65	3 60 @ 4 75
Finishing nails according to size.			Add .50 to \$1.15	per lb 4 @ 6
(For casing nails add 75c. per keg.)			".50 to .90	Add pr cask
Butts: 4" x 4", p doz. pairs.				2 90 (all kinds.)
Plain, p lb.	1 00	1 20	90	90
Japanned, p lb.	1 50	1 75	Not sold.	1 35 @ 2 00
Acorn, Japanned, p lb.	1 50	1 90	2 00 @ 3 75	1 35 @ 2 75
Ball Tip, Boston Finish, p pair.	65	80	Not sold.	48 @ 50
Bronze metal, p lb.	1 90	plain 1 65	2 00 @ 3 25	1 25
Brass (10" supboards), p lb.	10	10	12	1 00
Ebony, p lb.				37 @ 1 00
Apple wood, p lb.				
Knobs: (p Set.)				
Mineral, best, p lb.	8	8	8 @ 10	98
Lava, p lb.	Not sold	17 @ 33	65 @ 80	25 @ 50
Hematite, p lb.	30	10	31 @ 40	25
Forcelain, p lb.	Not sold	50	25 @ 30	100 @ 2 50
Glass, solid, p lb.	Not sold	88 @ 1 00	Not sold.	1 75 @ 2 00
Glass, silvered, p lb.	Not sold	50 @ 3 00	50 @ 3 00	50 @ 3 50
Bronze metal, p lb.	75 @ 2 00	50 @ 3 00	1 00 @ 3 00	75 @ 1 25
Brass, p lb.	1 00 @ 2 50		13 @ 16	13 @ 16
Solder:				
Sheet Lead, p lb.		8 1/2	7	6 1/2
Lead Pipe, p lb.		8	6 1/2	6 @ 6
Iron:				
I-Beams, up to and including 30 ft.	3 8-10 @ 3 1/2	3 1-10	3 30 @ 3 70	2 8-10
I-Beams, over 30 ft. 1, 1 1/2 c. advance.	3 8-10 @ 3 1/2	3 1-10		2 8-10
Channel Beams, p lb.				2 8-10

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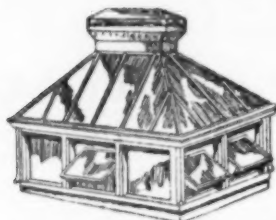
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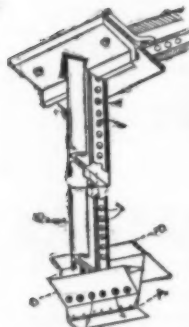
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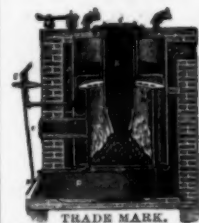
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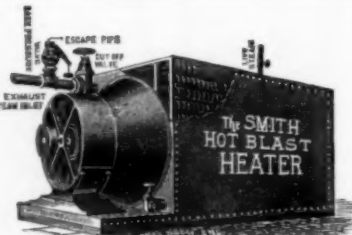
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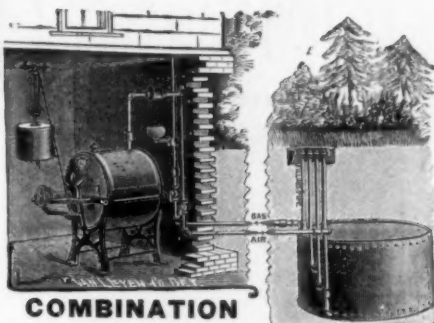
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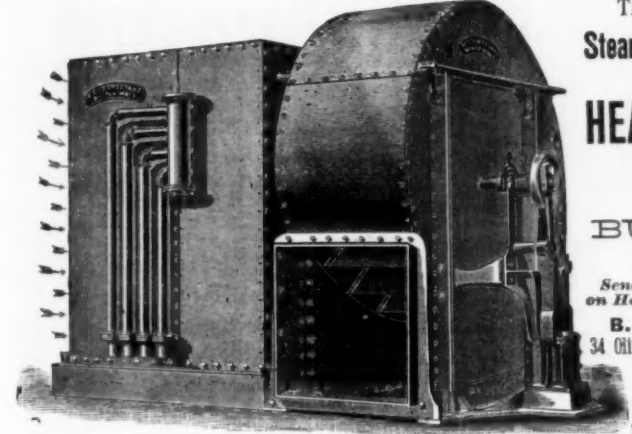
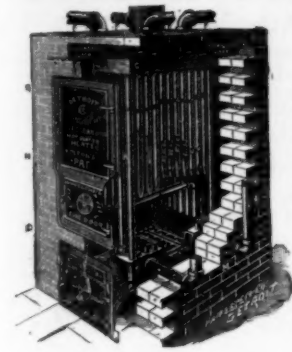
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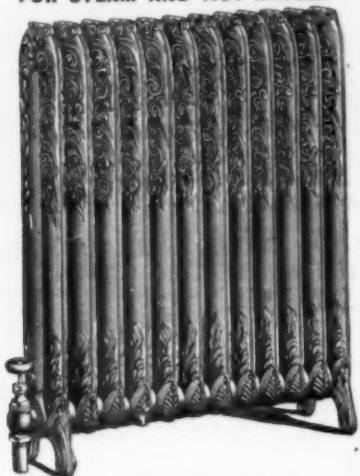
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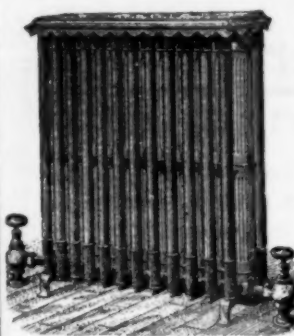
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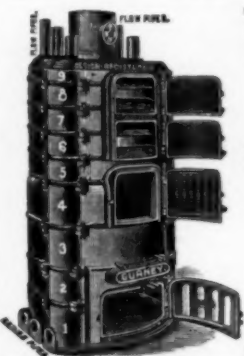
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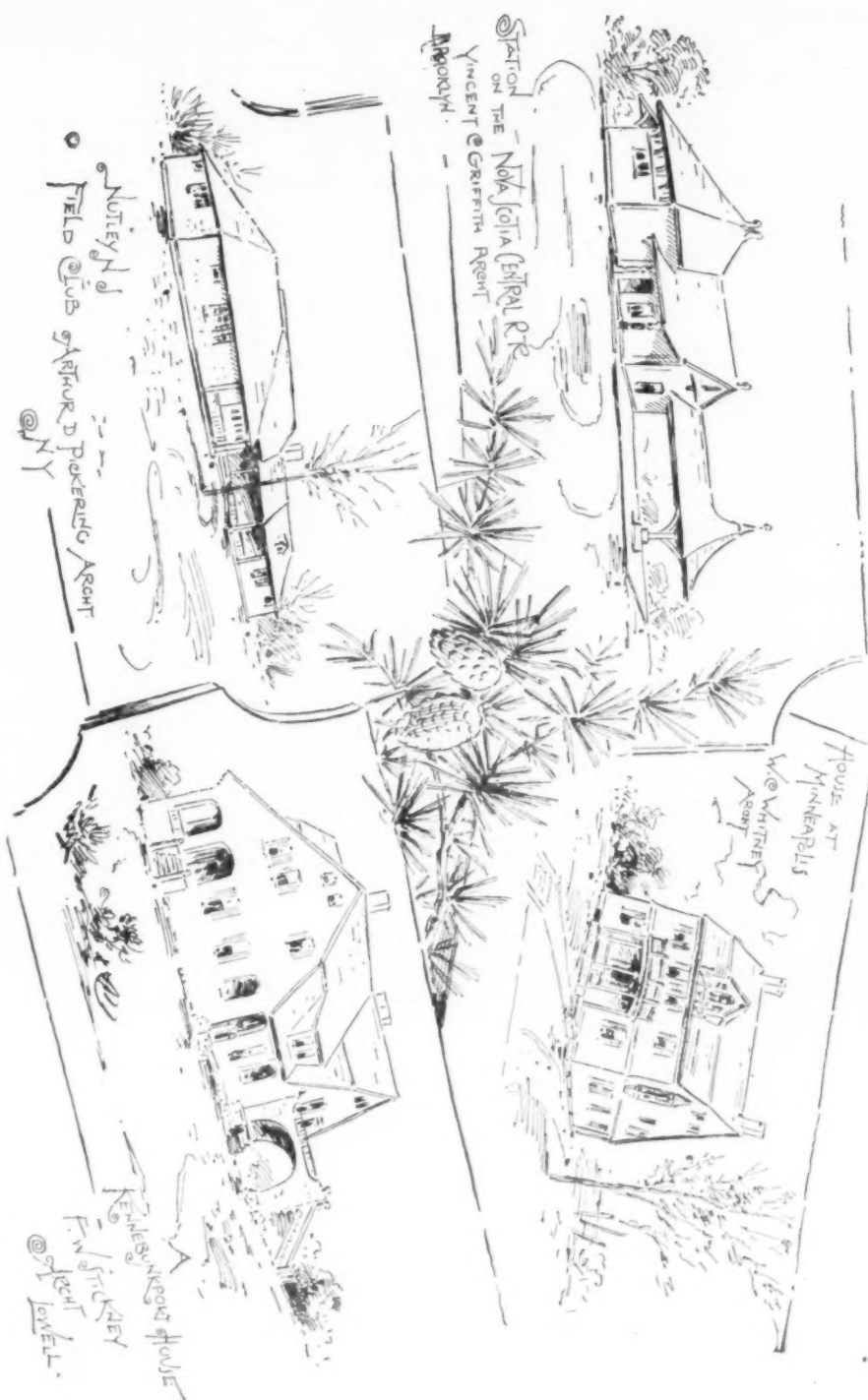
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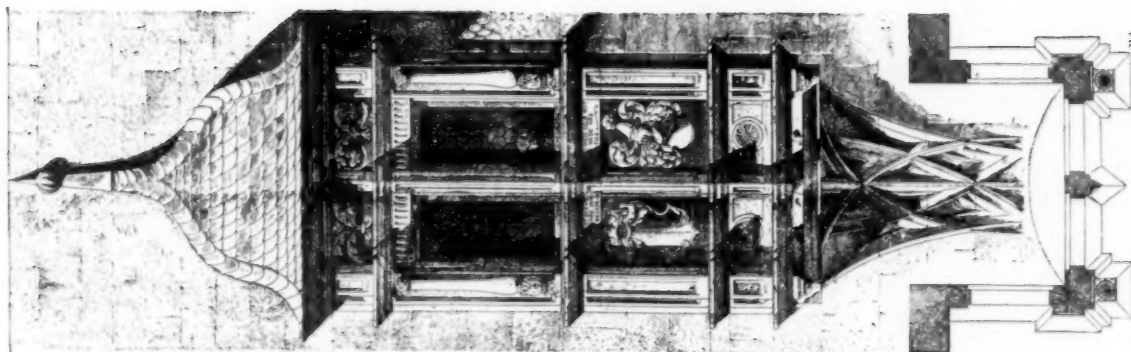
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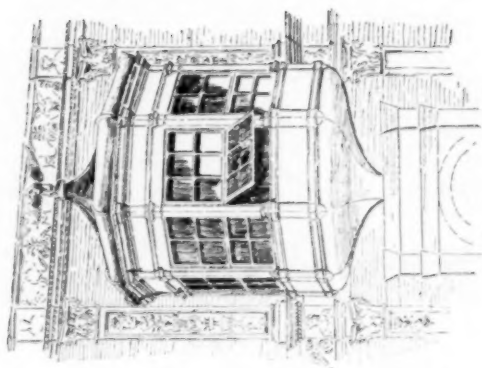
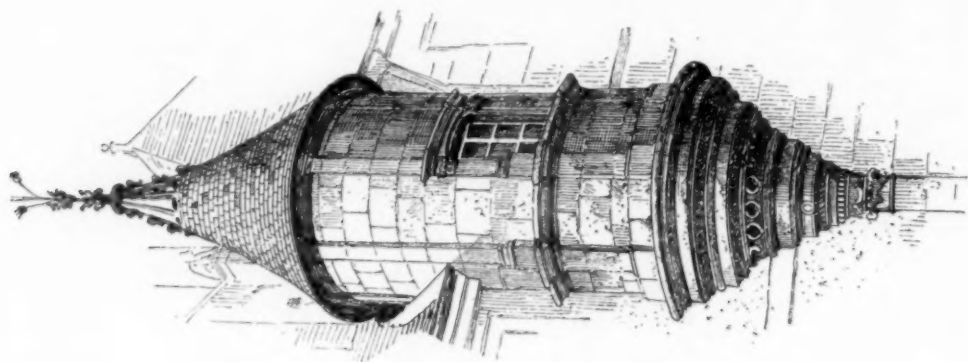
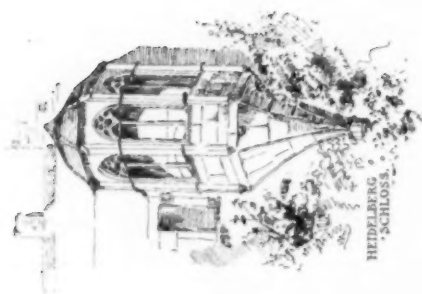
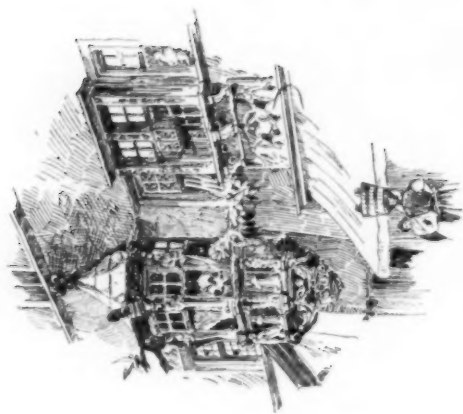
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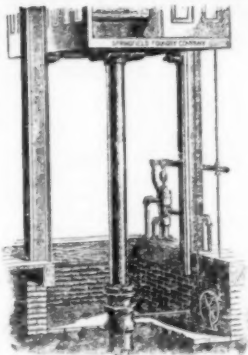
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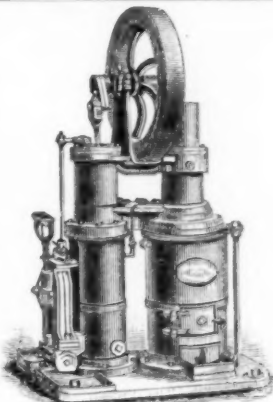
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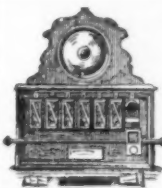
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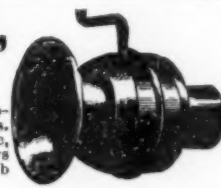


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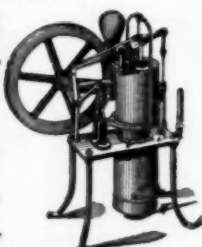
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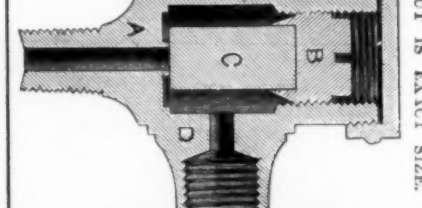
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Painters and old maids are a good deal alike, and both of them have any amount of trouble with the weather. Both use the weather as a sort of scape-goat and they load it up with their follies and faults and turn him out with the burden.

The weather has made her skin look yellow; it has given a rusty look to her gown, and a rough and raspy tone to her voice, and a kind of second-hand look to the whole article. It's the weather that has made the Painter's work go wrong every time.

Surely you would think to hear half the painters talk that the weather was their sworn foe, and their only chance for a good job of varnishing was to get in ahead of the weather. His weather reports in their variety and correctness, in real *reliability* beat the Weather Bureau all to pieces, especially where the lie comes in.

Well, at last, the weather has become disgusted with all this lying about it, and like an old horse with the bit in his teeth is likely to dump his load of faults with both old maids and painters together where they belong.

It's time that both of them stopped abusing the weather, and that they began to tell the truth about themselves.

When the varnish runs and sags and pits, first of all we want to know if the painter's head was clear and his hand steady?

When the varnish cracks and sweats and looks streaky, we'd like to know how long the painter was off on that last day he took to himself, and see if he was not obliged to do two days' work in one?

Fine varnish is more or less apt to be affected by sudden changes of the weather, particularly in mid-summer and in mid-winter; and the more delicate the varnish the more this is apt to be so. Success with good varnish can only be had by its careful use under reasonable conditions.

The weather ought not to carry all the results of the painters' carelessness.

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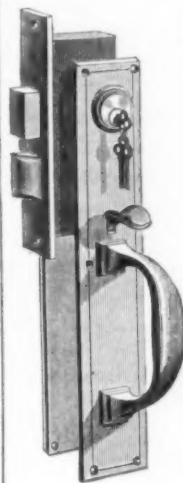
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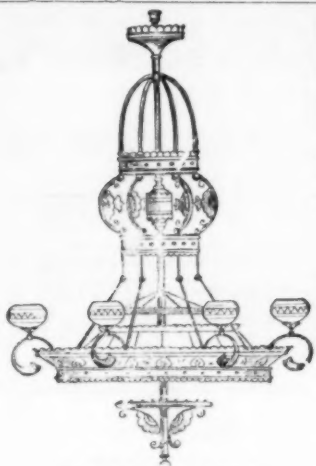
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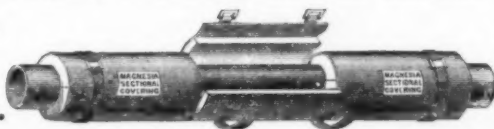
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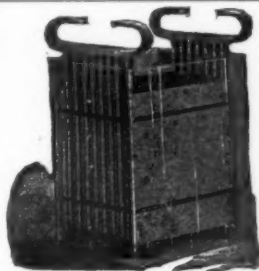
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Gadsden, Ala.—The Methodists contemplate the building of a church, to cost \$25,000.

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Minneapolis, Minn.—Lakewood Cemetery Association, stone chapel and vault, 1 Lakewood Cemetery; cost, \$20,000.

Philadelphia, Pa.—Christian St., s s, e Eleventh St., two-st'y chapel and two-st'y parish-house for Italian Mission of the Episcopal Church; contractor, James Johnston, 1713 Sansom St.

Richmond, Va.—The contract has been let for the Grace Baptist Church, to cost \$55,000.

St. Louis, Mo.—Brick church; cost, \$33,000; owner, African M. E. Church; contractor, Dan Evans. Frame church; cost, \$5,000; owner, St. Paul E. Church; contractor, Dan Evans.

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Race St., No. 624, four-st'y factory; owner, Jos. O. Colladay, on premises.

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Robert Biggs, 8 three-st'y brick buildings, e s Roland's Ave., near Merryman's Lane.

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Boston, Mass.—East Third St., No. 613, Ward 14, two-st'y frame dwell., flat roof, 23' x 52'; owner, Thomas Connor; builder, John Nolan.

Savin St., No. 37, Ward 21, three-st'y frame dwell., pitch roof, 24' x 53'; owner, Hannah L. Cornell; builder, W. E. Davis.

Carlisle St., near Centre St., Ward 24, three-st'y frame dwell., 20' x 28'; owner, Manus J. Fish; builder, M. J. Fish.

Harvard St., opp. School St., Ward 24, frame dwell., 29' x 32'; owner, J. P. B. Carlton; builder, D. G. Squires.

Paul Gore St., No. 43, Ward 23, frame dwell., 29' x 62'; owner, A. T. Weins; builder, M. J. Kennedy.

Ridge St., near Brown Ave., Ward 23, frame 23' x 37'; owner, B. Wagner; builders, Sittig Bros.

Humboldt Ave., cor. Howland St. ext., Ward 21, frame dwell., 32.2' x 48'; owner, W. R. Means; builder, H. C. Allen.

Milton Ave., near Norfolk St., Ward 24, three frame dwells., 27' x 28'; owner, F. L. Chesney; builder, E. O. Goodwin.

Weldon St., near Yale St., Ward 23, frame dwell., 22' x 49'; owner, J. B. Archibald; builder, M. O'Brien.

Laurel St., No. 19, Ward 24, frame dwell., 24' x 35'; owner, Florence E. Benson; builder, E. C. Benson.

Walter St., near Peters St., Ward 24, two frame dwells., 14' x 49'; owner and builder, H. D. Van Norden.

Poplar St., near Canterbury St., Ward 23, frame dwell., 21' x 24'; owner, G. W. Brooker; builders, McLeod & Chappelle.

Summer St., Nos. 450-461, Ward 2, 2 three-st'y frame dwells., flat roofs, 21.6' x 46'; owner and builder, John McCormick.

Brookline, Mass.—Beacon St., frame dwell. and stable combined; house, 38' x 68'; furnace-heat; stable, 26.6' x 45.6'; owner, Mrs. L. F. C. Richardson; builder, George A. Runnels; architect, E. A. P. Newcomb, Boston.

Green St., frame dwell., 45' x 60'; cost, about \$15,000; plans are being prepared by architect G. Wilton Lewis, Boston.

Camden, N. J.—Bailey St., s s, w Sixth St., 4 two-st'y brick dwells.; owner, W. T. Bailey, York St., w Sixth St.

Seventh and Linden Sts., 10 two-st'y brick dwells.; owner, D. Leonard Moore.

Mechanic St. and Mount Ephraim Ave., two-st'y brick dwell.; owner, Isidor Green.

Atlantic Ave., e Haddon Ave., two-st'y brick dwell.; owner, Isidor Green.

Van Hook St., No. 721, frame dwell.; owner, David E. Hunter, 654 Terry Ave.

Chicago, Ill.—John Schell, cottage, Henry and Fimlico Sts.

Abel Gent, cottage, McLean St.; cost, \$1,300.

Carl Ritterland, two-st'y dwell., 2825 Portland St.; cost, \$3,800.

Joseph Novak, two-st'y dwell.; cost, \$2,500.

Vincent Kuech, cottage, 681 Augusta St.; cost, \$1,000.

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Jacob Schrieber, cottage, 496 Rockwell St.
John Kowsky, cottage, 1591 Leavitt St.
Henry Sheldon, cottage, 7716 Storms Ave.; cost, \$1,000.
A. D. Lord, two-st'y dwell., Stewart Ave. and Seventy-first St.; cost, \$2,500.
Theodore Mitchell, cottage, 108 Curtis St.
C. Richards, cottage, Center Ave., near Montana St.
George Inwood, cottage, Humboldt St., near Belmont St.; cost, \$1,000.
Captain Hinds, three-st'y dwell., 98 Kedzie Ave.; cost, \$10,000.
William Garey, two cottages, 3608 and 3629 Vermont St.; cost, \$1,600.
H. Blum, two-st'y dwell., 160 Belmont Ave.; cost, \$1,800.
George Kemman, dwell.; cost, \$2,500.
Albert Kauera, cottage, 340 Roscoe St.; cost, \$1,000.
Cincinnati, O.—John Meyer, two-and-one-half-st'y dwell., Guy St.; cost, \$2,700; architects, Rieg & Marty.
Anna Ringenbach, three-and-one-half-st'y dwell., and store, Colerain Ave.; cost, \$3,300; architects, Kuckertz & Pfeiffer.
Mt. Auburn Electric R. R. Co., dwell., Sycamore St.; cost, \$3,500; architect, George Vogel.
Charles E. Iliff, double two-and-one-half-st'y dwell., Court St.; cost, \$3,500; architect, John H. Boll.
Mrs. A. Korn, two-and-one-half-st'y double brick dwell., Third Ave.; cost, \$3,000; architect, Emil F. Baude.
Henry Humburg, two-and-one-half-st'y dwell., Flora St.; cost, \$2,500; architect, Louis Fey.
M. A. Marks, two-and-one-half-st'y dwell., Kemper Lane; cost, \$2,600; architect, F. Wilson.
William Voss, two-and-one-half-st'y dwell., Davison St.; cost, \$3,100; architects, Kuckertz & Pfeiffer.
Joseph Block, two-and-one-half-st'y dwell., Lane St.; cost, \$10,500; architect, H. E. Siter.
Joseph Block, two-and-one-half-st'y dwell., Lane St.; cost, \$12,500; architect, H. E. Siter.
H. Stokamp, two-and-one-half-st'y dwell., Eighth St.; cost, \$3,000; architect, H. Headley.
F. Rullkoetter, two-and-one-half-st'y dwell., Sixth St.; cost, \$5,500; architects, G. & A. Brink.
H. Muthert, two-and-one-half-st'y dwell., Considine Ave.; cost, \$2,600; architect, E. Hotchkiss.
A. G. Barrington, two-st'y dwell.; cost, \$3,000; architect, Mr. Plympton.
D. C. Townsend, two-and-one-half-st'y dwell., Washington Ave.; cost, \$2,630; architects, Cornicheal & Lawrence.
Cohasset, Mass.—Frame dwell., 48' x 48'; owner, W. H. Crane; contractor to be let; architect, E. A. P. Newcomb, Boston.
Cornwells, Bucks Co., Pa.—Three-st'y frame dwell. for William H. Smith, Esq.; cost, \$12,000.
Grand Rapids, Mich.—Five-st'y brick and frame dwell. for Mrs. W. S. Hull; cost, \$25,000; architects, Mason & Rice, Detroit; builders, Campbell & McNabb.
Frame dwell. for C. C. Philbrick, College Ave.; cost, abt. \$7,500; architect, W. G. Robinson; contracts not let.

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Frame parsonage for the First M. E. Church Society, Barclay St.; cost, abt. \$4,000; architect, W. G. Robinson; contracts not let.
Minneapolis, Minn.—O. H. Brown, two-st'y frame dwell., 2404-10 James Ave.; cost, \$8,000.
C. C. Whitney, two-st'y frame dwell., 2642 Portland Ave.; cost, \$8,000.
Daniel F. Peck, two-st'y frame dwell., 3601 North Third St.; cost, \$5,000.
E. W. Vaughn, two frame dwells., 813-819 Third Ave., n; cost, \$9,000.
J. S. O'Donnell, stone and brick dwell., 2401 South Irving Ave.; cost, \$16,000.
Newton, Mass.—Prince St., cor. Berkeley St., frame dwell.; owner, Bertha L. Hutchins; contract to be let; architects, Loring & Phipps, Boston.
Philadelphia, Pa.—Mountain St., s s w Twenty-first St., 18 two-st'y dwells.; owner, Wm. Henderson, 1930 Ellsworth St.
Twenty-first St., s w cor. Mountain St., 2 two-st'y dwells.; contractor, Wm. Henderson, 1930 Ellsworth St.
West College Ave., No. 1236, three-st'y dwell.; contractor, R. B. Clark, Twenty-seventh St. and Park Terrace.
Tenth St., e s, n Susquehanna Ave., 14 two-st'y dwells.; owner, Jno. M. Sharp, 1936 South College Ave.
Susquehanna Ave., n s e Tenth St., 7 two-st'y dwells.; owner, Jno. M. Sharp, 1936 South College Ave.
Delhi St., w s, n Susquehanna Ave., 10 two-st'y dwells.; owner, Jno. M. Sharp, 1936 South College Ave.
Thirty-sixth St., e s, n Filbert St., 7 three-st'y dwells.; owners, Wm. J. Shedwick & Bro., 3410 Mount Vernon St.
Wayne Ave., e s, s e Manheim St., 20 two-st'y dwells.; contractor, Wm. S. McNabb, 208 Mill St.

BUILDING INTELLIGENCE.

Revere, Mass.—Beach St., cor. Harris St., frame dwell.; owner, Scott F. Bickford; builder, Mr. Shaw; architects, Loring & Phipps, Boston.
Roxbury, Mass.—Herald St., two eight-room frame dwells.; one for Fred T. Knight; builder, James T. Chisholm; the other for William Shaw; contract to be let; both cost about \$4,000 each; architect, G. Wilton Lewis, Boston.
Somerville, Mass.—Wesley St., four frame dwells., each 20' x 26', with L, 11' x 12'; owner, A. F. Dickson; builder, Augustus F. Dickson.
Chandler St., frame dwell., 24' x 32'; owner, Celestia N. Selleck; builder, Geo. E. Ricker.
Dickinson St., frame dwell., 22' x 35', with L, 14' x 18'; owner and builder, John Elston.
Smith Ave. and Line St., frame dwell., 23' x 30'; owner, Malcolm Smith; builder, Andrew I. Simonson.
Ames St., frame dwell., 25' x 28', with L, 11' x 14'; owners and builders, S. & C. H. Williams.
Wesley St., frame dwell., 22' x 29'; owners and builders, Hudson & Lewis.
Olin St., frame dwell., 22' x 36'; owner, Austin Ransom; builder, Ernest W. Pitman.
Pearl St., cor. Delaware St., frame dwell.; owner and builder, Stephen H. Lewis.
Henderson St., thirteen frame dwells., 20' x 26'; owner and builder, Jacob W. Wilbur.
Lawrence St., four frame dwells., 20' x 26'; owner and builder, Jacob W. Wilbur.
Nashua St., four frame dwells., 20' x 26'; owner and builder, Jacob W. Wilbur.
Holland St., three frame dwells., 20' x 26'; owner and builder, Jacob W. Wilbur.
Chauncy Ave., frame dwell., 22' x 32', with L, 14' x 16'; owner and builder, James M. Andrews.
Aron St., frame dwell., 23' x 28', with L, 10' x 14'; owner, George E. Wyman; builders, S. & C. H. Williams.
Springfield, Mass.—Henry J. Beebe, frame dwell.,



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STABLES.

Boston, Mass.—Nonquit St., rear, near Dudley St., Ward 20, one-st'y frame stable, 21' x 28'; owner, J. E. Wells; builder, C. Boltenhouse.

Camden, N. J.—Locust St., No. 1224, one-st'y frame stable; owner, C. Adams, 1223 Locust St.

Holyoke, Mass.—Lemuel Sears & Co., three st'y-brick barn.

New York, N. Y.—Eighty-fifth St., n s, 160' w Fourth Ave., three-st'y brick and stone stable; cost, \$15,000; owners, Gugenheimer & Untermeyer; architects, Walgrove & Israels.

West Eighteenth St., Nos. 133-145, one-st'y brick stable, gravel roof; cost, \$5,000; owner, Lorenz Wecher, Sr., 14 East Seventy-sixth St.
One Hundred and Forty-fourth St., n s, 175' e

Continued on page xviii.)

BUILDING INTELLIGENCE.

Maple St.; cost, \$30,000; architects, Clough & Reid; builder, G. M. Burnham.

St. Louis, Mo.—Two-st'y brick dwell.; cost, \$3,500; owner and contractor, C. C. Newberry.

Two-st'y brick dwell.; cost, \$4,800; owner, Mrs. E. Martin; contractors, People's I. & B. Co.

Two-st'y brick dwell.; cost, \$3,800; owner, L. Hagen; contractors, People's I. & B. Co.

Two-st'y brick dwell.; cost, \$2,500; owner, H. Hartman; contractor, G. Schake.

Two-st'y brick dwell.; cost, \$8,500; owner, Mrs. E. Jones; contractor, J. H. Keefe.

Two-st'y brick dwell.; cost, \$4,000; owner, Miss M. Boneau; contractor, William Paul.

Two-st'y brick dwell.; cost, \$8,000; owner and contractor, T. C. Higgins.

Two-st'y brick dwell.; cost, \$2,500; owner, A. Keburg; contractors, Raebiger & Lindner.

Three-st'y brick dwell.; cost, \$12,000; owner, Mrs. R. Jacoby; contractors, Goosse & Remmers.

Two-st'y brick dwell.; cost, \$10,000; owner, E. Pengett; contractor, N. Pelligreen.

Two-st'y brick dwell.; cost, \$8,000; owner, Dr. Hall; contractor, N. Pelligreen.

Two-st'y brick dwell.; cost, \$4,500; owner, L. Thuener; contractor, W. L. Denham.

Three-st'y brick dwell.; cost, \$3,700; owner, Thomas Rex; contractor, H. Sudhoefer.

Two-st'y brick dwell.; cost, \$2,700; owners and contractors, Cavanaugh Bros.

Two-st'y brick dwell.; cost, \$3,300; owner, C. Culiff; contractors, Flotron & Flavin.

Two-st'y brick dwell.; cost, \$35,000; owner, G. M. Maverick; contractors, Flotron & Flavin.

Two-st'y brick dwell.; cost, \$7,000; owner, W. D. Grant; contractor, E. B. Scutt.

Two-st'y brick dwell.; cost, \$4,200; owner, F. Flachmeier; contractors, Hetz & Hohenstein.

Two-st'y brick dwell.; cost, \$2,700; owner, George Wessel; contractors, Sloss & Schneider.

Two-st'y brick dwell.; cost, \$2,800; owner, Mary Leonard; contractor, W. L. Balson.

Two-st'y brick dwell.; cost, \$3,000; owner, Mrs. D. Scanlan; contractors, F. H. Gray & Bro.

Three two-st'y brick dwells.; cost, \$3,800 each; owner, L. J. Silva; contractor, J. A. Smith.

Three-st'y brick dwell. and store; cost, \$4,000; owner, A. Schmid; contractor, J. H. Herkenhoff.

Four-st'y brick dwell. and store; cost, \$90,000; owners, Ills. Dairy Co.; contractor, G. W. Pipe.

Three-st'y brick dwell. and store; cost, \$4,000; owner, H. Holdenried; contractors, Vosse & Buxton.

Three-st'y brick dwell. and store; cost, \$7,700; owner, E. R. Martin; contractor, J. Ferguson.

Two-st'y frame dwell.; cost, \$4,000; owner, A. P. De Camp; contractors, Chapman & Thursby.

Waltham, Mass.—Plans are being prepared for a frame dwell., 36' x 40', ten rooms, to cost about \$4,500; owner, T. B. Griggs; contract to be let; architect, T. Wilton Lewis, Boston.

OFFICE-BUILDINGS.

Camden, N. J.—Kaighn's Ave., No. 315, one-st'y brick office; owner, William Mitchell, 313 Kaighn's Ave.

Philadelphia, Pa.—North Tenth St., No. 155, one-st'y office; contractors, Stephen Morris & Son, 123 North Sixth St.

St. Louis, Mo.—Seven-st'y brick office-building;

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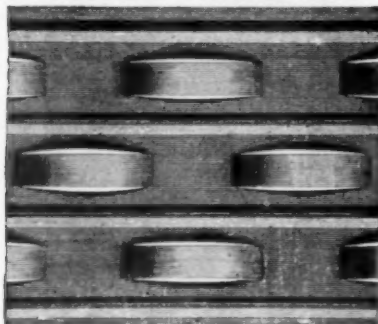


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Willis Ave., one-st'y brick stable, tin roof; cost,
\$5,500; owner, Emily A. N. Drummond, 667 East
One Hundred and Forty-fourth St.; architect, M.
J. Garvin, 3311 Third Ave.

East Thirtieth St., two-st'y brick stable, tin
roof; cost, \$6,000; owners, L. & M. Pokulski, 377
Grand St.; architects, Buchman & Deisler, 8 West
Twenty-ninth St.

Somerville, Mass.—Final Ave., cor. Grand View
Ave., frame stable for two horses; owner, C. Taylor;
contract to be let; architects, Loring & Phipps,
Boston.

STORES.

Camden, N. J.—Market St., No. 311, brick store;
owner, Charles Jalmon, 571 Clinton St.

Minneapolis, Minn.—Jacob Stoft, three-st'y brick
store and flats, 1007 Washington Ave., s; cost,
\$5,000.

New York, N. Y.—Greenwich St., No. 336, five-st'y
brick store, metal roof; cost, \$17,000; owner, Eliza
A. Edgar, 20 West Thirty-fourth St.; architect,
Herman Edgar, 60 Broadway.

Mercer St., Nos. 117-119, 2 five-st'y brick stores, tin
roofs; cost, \$30,000; owner, Annie R. Lecour, 382
West Nineteenth St.; architect, George Provot, 45
Broadway.

Philadelphia, Pa.—Twenty-first St., s w cor. Moun-

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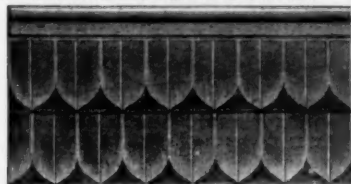
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Tenth St., n Susquehanna Ave., two-st'y store
and dwell.; owner, Jno. M. Sharp, 1936 South Col-
lege Ave.

Thirty-fifth St., n e cor. Spring Garden St., three-
st'y store and dwell.; contractor, Frank H. Vogdes,
3907 Aspen St.

Tucker St., s s, w Fifteenth St., 2 two-st'y stores
and dwells.; owner, Wm. C. Carman, 1546 North
Twelfth St.

Race St., No. 5699, three-st'y store and dwell.;
contractor, Lane Schofield, 2906 Madison Square.

North Front St., No. 1727, one-st'y store; owner,
John Kirchman, 1909 Mascher St.

St. Louis, Mo.—Five-st'y brick store; cost, \$5,000;
owner, S. Clubbs; contractor, J. D. Fitzgibbon.

TENEMENT-HOUSES.

New York, N. Y.—St. Ann's Ave., e s, 25' n One
Hundred and Sixty-first St., 4 four-st'y brick tenement-
houses, tin roofs; cost, \$48,000; owner, John W.
Decker, 941 Forrest Ave.; architect, Michael Gar-
vin, 3311 Third Ave.

Somerville, Mass.—Franklin St., near Pearl St.,

BUILDING INTELLIGENCE.

two frame tenements, each 22' x 69'; owner, Richard
E. Nickerson; builder, George M. Starbird.

MISCELLANEOUS.

Boston, Mass.—Harrison Ave., No. 157, Ward 12,
two-st'y brick ladder-house, flat roof, 24' x 80';
owner, City of Boston; builders, D. H. Jacobs &
Son.

Farnsworth St., near Congress St., Ward 13, two-
st'y frame storage and factory, flat roof, 30' x 100';
owners, Boston Wharf Co.; builder, M. D. Safford.

Camden, N. J.—Latona St., new front; contractor,
M. Kennedy, 626 South Nineteenth St.

Eighth St., w s, ab. Spruce St., guild-house;
owners, St. Andrew's P. E. Church; architects,
Messrs. Hewitt.

Richmond St., 2 two-st'y back buildings; con-
tractor, John Brady, 1423 North Eighteenth St.

St. John St., n Buttonwood St.: the Branson
Knitting Machine Co.'s present establishment hav-
ing become too small for their operations, they are
building a building four stories high, with a high
basement. The plans were prepared by Wm. E.
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PROPOSALS.

September 25, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 15th day of October, 1890, for all the labor and material and fixing in place complete the low-pressure, steam-heating and ventilating apparatus for the United States Court-house and Post-office building at Charlotte, N. C., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Charlotte, N. C. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time herein stated for the opening of the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in an envelope sealed and marked "Proposal for the Low-pressure, Steam-heating and Ventilating Apparatus for the United States Court-house and Post-office building at Charlotte, N. C.," and addressed to JAS. H. WINDRIM, Supervising Architect. 772

September 20, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 16th day of October, 1890, for furnishing all labor and materials required for the erection and completion of the United States Post-office building at Kalamazoo, Mich., except heating apparatus, in accordance with the drawings and specifications, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$500. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Erection and Completion of the United States Post-office at Kalamazoo, Mich.," to be delivered at or before 2 o'clock P. M. on the 16th day of October, 1890, and addressed to JAS. H. WINDRIM, Supervising Architect. 771

September 17, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 10th day of October, 1890, for all the labor and material and fixing in place complete the low-pressure, steam-heating and ventilating apparatus for the United States Court-house, Post-office, etc., building at Williamsport, Pa., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Williamsport, Pa. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time herein stated for the opening of the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in an envelope sealed and marked "Proposal for the Low-pressure, Steam-heating and Ventilating Apparatus, etc., for the United States Court-house, Post-office, etc., building at Williamsport, Pa.," and addressed to JAS. H. WINDRIM, Supervising Architect. 771

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for "basements" should be explained. While frame buildings may not be built within fire-limits, those already there may be repaired to a certain extent. This is frequently done by raising up a frame cottage and putting a brick "basement" under it; sometimes "two-story basements," such resulting in two or three story houses after improvement in that way.

Cincinnati, O.—Julius Freiburg, four-st'y tannery, Dunlap St.; cost, \$3,000; architect, S. S. Godley.

Grand Rapids, Mich.—Three-st'y red brick business building, with galvanized-iron bays, plate-glass, etc., Plainfield Ave.; cost, \$8,000; owner, M. Shanahan; architect, W. G. Robinson.

Little Rock, Ark.—The plan competition for the Little Rock, Ark., Permanent Exposition Building has been decided by the acceptance of the plans of Messrs. Fred J. H. Rickon and Charles L. Thompson, associated architects. The building will cost \$100,000, and will have machinery-hall, exposition-hall, art-gallery, auditorium, etc. Building will be constructed of brick and stone. Contracts will be let about October 15.

The Grand Lodge F. & A. M. of Arkansas will build a Masonic Temple at Fourth and Main Sts.; cost, \$75,000; contract not let; architects, Orlopp & Kusener.

New York, N. Y.—Willis Ave., w s, 50' n One Hundred and Forty-sixth St., three-st'y brick wheelwright shop, gravel roof; cost, \$6,000; owner, Sophia Stark, 477 Willis Ave.; architect, Henry Piering, 693 East One Hundred and Forty-fifth St.

One Hundred and Eighth St., 195' e First Ave., three-and-one-half-st'y iron gas-holder tank; cost, \$50,280; owners, Standard Gaslight Co., 2 East Sixty-seventh St.; architect, Joseph Flannery, foot One Hundred and Fifteenth St.

Philadelphia, Pa.—Cooper St., e s, s Kitterlinus

BUILDING INTELLIGENCE.

St., one-st'y dye-house; owners, James Martin & Co., Richmond and Tioga Sts.

Sixth St., n Cambria St., two-st'y smoke-house; contractor, Benjamin Walker, 3953 Germantown Ave.

Allen's Lane Station, Chestnut Hill, five-st'y Deaf and Dumb Institute building; contractor, Charles McCaul, 20 North Eleventh St.

Seventeenth St., n e cor. Wood St., one-st'y boiler-house; contractor, J. H. Jordan, Twenty-third and Jefferson Sts.

Radford, Va.—Radford Trust Co., three-st'y brick building; cost, \$40,000.

St. Louis, Mo.—One-st'y brick boiler-house; cost, \$1,000; owners and contractors, St. Louis Wire Mill Co.

PROPOSALS.

September 27, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 21st day of October, 1890, for all the labor and materials required for the plumbing of the United States Post-office building at Bridgeport, Conn., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time herein stated for the opening of the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in an envelope sealed and marked "Proposal for the Plumbing for the United States Post-office at Bridgeport, Conn.," and addressed to JAS. H. WINDRIM, Supervising Architect. 772

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The house was duly erected and finished, but upon examination of the roof there was a great deal of Tin on which I could find no mark whatever to indicate that I had gotten the Tin I had requested, and as I wanted to pay the bills, I naturally wanted to assure myself that I had received what I had asked for and intended to pay for. Upon further investigation I found that some of the N. & G. Taylor **OLD STYLE** Tin had been used, but the larger part **was a tin without any brand or thickness stamped on the sheets,** and that another plate had been used, possibly a good plate, but of that I had no means of determining. Upon inquiry, however, I was informed that it was a good Tin and guaranteed for five years. **As I knew your Tin had been in use many years, and as I had contracted, and intended paying for it, I refused the job as satisfactory, and insisted upon receiving what I bought.** I had no trouble in convincing the architect, contractor and roofers that I was perfectly justified in my claim, consequently **the Tanners took all the cheap Tin off and replaced it with N. & G. Taylor Co.'s OLD STYLE Brand,** and I am now thoroughly satisfied.

I thought I would write you the above facts, thinking that they would perhaps prove of some benefit, as well as satisfaction to you, and a knowledge of it might be **a warning to roofers and contractors** who might hear of it in the future, and convince such people that they are not at liberty to play fast and loose with plans and specifications after they are once drawn out by the architect and owner.

You are at liberty to use this as you deem advisable, and if there is any further information you want upon the subject, I will be very much pleased to hear from you,

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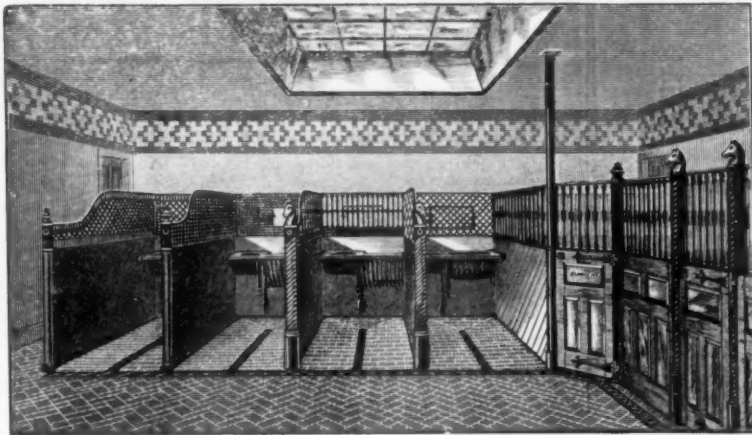
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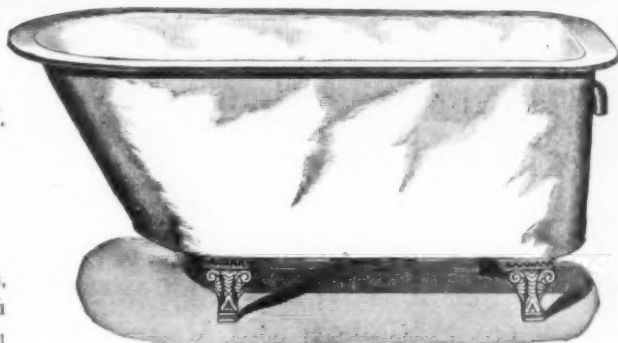
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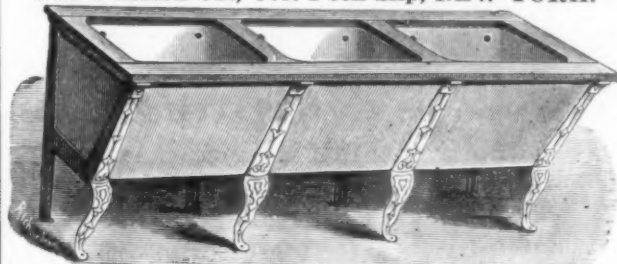
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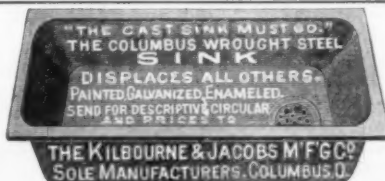
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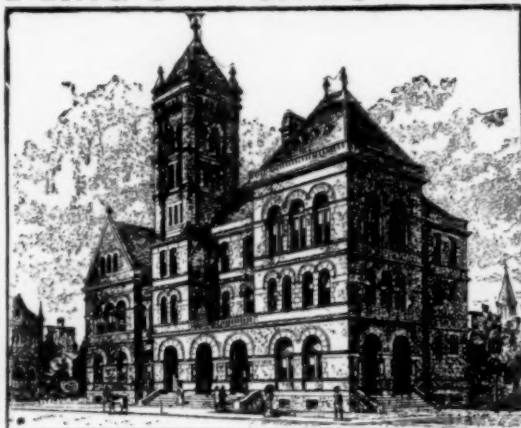
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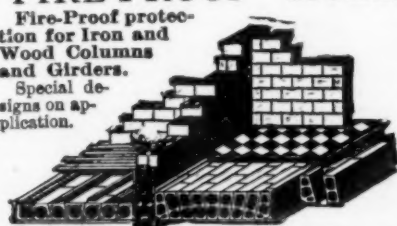
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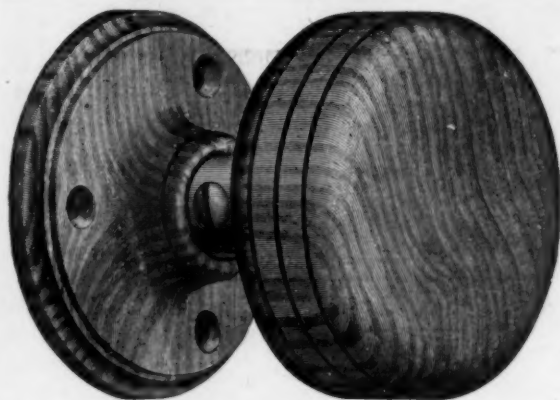
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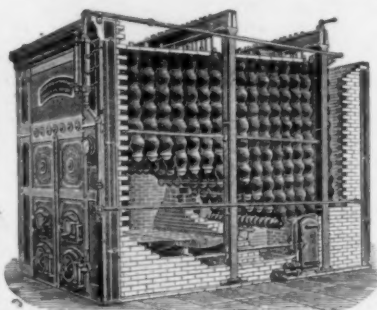
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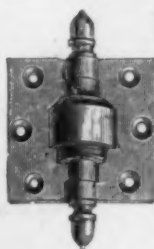
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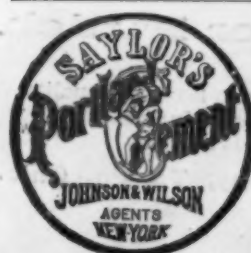
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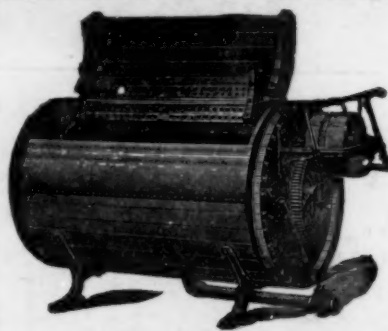
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Flanges - - -	Inch	3 1/2	4 1/2	5 1/2	6 1/2	7 1/2	8 1/2	9 1/2	10 1/2	11 1/2	12 1/2	13 1/2	14 1/2	15 1/2	16 1/2	17 1/2	18 1/2
Style A - - -	Per	1 1/2	2 1/2	3 1/2	4 1/2	5 1/2	6 1/2	7 1/2	8 1/2	9 1/2	10 1/2	11 1/2	12 1/2	13 1/2	14 1/2	15 1/2	16 1/2
Dble - - -	Pair	40 1/2	45 1/2	50 1/2	55 1/2	60 1/2	65 1/2	70 1/2	75 1/2	80 1/2	85 1/2	90 1/2	95 1/2	100 1/2	105 1/2	110 1/2	115 1/2

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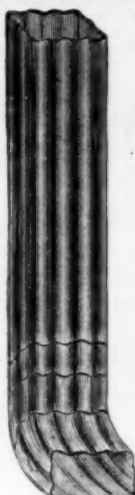
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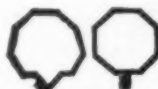
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Spruce.....	18 00 @ 25 00	13 00 @ 25 00	Not sold.	16 00 @ 20 00
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Yellow pine.....	20 @ 40	25 00 @ 35 00	25 00 @ 37 00	14 00 @ 29 00
Cypress.....		32 00 @ 40 00		35 00
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Spruce.....	2 15 @ 2 25	2 25 @ 2 50	Not sold.	2 30 @ 3 00
Shingles:				
Pine, shaved..... P. M.....	5 00 @ 6 00		Not sold.	
Pine, sawed.....	4 00 @ 5 00	4 50	2 20 @ 3 00	
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Redwood..... P. M.....	1 40 @ 1 60	3 75 @ 4 00	6 00 @ 7 50	30" 3 35 @ 4 00
Cedar, split..... P. M.....			Not sold.	24" 8 @ 21
Cedar, sawed.....		2 00 @ 4 00	2 00 @ 2 25	20" 35 @ 14
Cypress, split..... 7 x 24.....	18 00 @ 20 00	5 00 @ 6 00	3 50 @ 4 00	11 00 @ 14 00
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Maple.....	45 00 @ 50 00	45 00 @ 50 00	18 00 @ 35 00	25 00 @ 55 00
Oak, red.....	@ 70 00	@ 50 00	32 00 @ 40 00	45 00 @ 55 00
" white.....	@ 70 00	50 00 @ 55 00	22 00 @ 40 00	45 00 @ 55 00
" quartered.....	@ 80 00	65 00 @ 80 00	45 00 @ 50 00	60 00 @ 75 00
Sycamore quartered.....		50 00 @ 65 00	25 00 @ 50 00	67 00 @ 65 00
Pine, clear.....	65 00 @ 70 00	60 00 @ 75 00	35 00 @ 60 00	65 00 @ 65 00
Redwood.....	60 00 @ 70 00	60 00 @ 70 00	55 00 @ 65 00	60 00 @ 75 00
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" unfading \$ square.	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 4 00
" purple \$ square.	5 00 @ 6 00	5 50 @ 6 50	12 00 @ 14 00	4 00 @ 4 65
" red \$ square.	4 25 @ 4 75	10 00 @ 11 00	6 25 @ 6 85	5 50 @ 8 00
" black, Lehigh \$ square.			7 30 @ 8 00	6 00 @ 9 00
" Chapman \$ square.			6 00 @ 9 00	Not sold.
" Unfading Black, Monson, Me. \$ square.	5 50 @ 8 00	5 50 @ 8 0	Not sold.	6 00 @ 6 75
Tiles, Am. \$ sq. ft.				
N. Peach Bottom, warranted unfading \$ sq. ft.				
PAINTS. (In oil, \$ lb.)				
White lead, Am. \$ lb.	7 @ 7 1/2	7 @ 7 1/2	6 1/2 @ 7	7 1/2
" Zinc \$ lb.	5 @ 5 1/2	5 @ 5 1/2	7 @ 7 1/2	5 1/2
Red lead, Am. \$ lb.	6 1/2 @ 7	6 1/2 @ 7	6 1/2 @ 7	6 1/2
" Vermilion \$ lb.	65 @ 70	72 @ 75	65 @ 68	dry Eng. 70
Red Indian, Eng. \$ lb.	12 @ 20	12 @ 20	12 @ 20	Eng. 6 1/2 @ 7
Yellow Ochre \$ lb.	6 @ 12	7 @ 12	3 @ 15	dry Am. 1 1/2 @ 1 1/2
" Chrome \$ lb.	12 @ 20	18 @ 25	15 @ 25	18
Green (chrome) \$ lb.	8 @ 13	8 @ 20	8 @ 20	21
Green, Paris \$ lb.	25 @ 40	25 @ 40	18 @ 35	15 @ 20
Black, lamp \$ lb.	15 @ 25	15 @ 25	8 @ 30	8 @ 12
Blue, ultramarine \$ lb.	12 @ 18	18 @ 30	12 @ 35	10 @ 24
Oil, linseed, (raw) \$ lb.	58 @ 62	61 @ 62	57 @ 60	60 @ 60
" boiled \$ lb.	61 @ 65	64 @ 65	60 @ 63	63 @ 63
Turpentine \$ lb.	40 @ 41		51 @ 51	44 @ 44
Varnish, coach \$ lb.		1 50 @ 6 00	1 25 @ 2 00	1 25 @ 3 00
Shellac \$ lb.		2 50 @ 3 00	2 25 @ 4 00	1 50 @ 3 00
Putty \$ lb.	2 @ 2 1/2	2 @ 2 1/2	1 @ 2 1/2	2 @ 2 1/2
Whiting \$ lb.	75 @ 1 00	1 @ 1 1/2	1 @ 1 1/2	2 @ 2 1/2
Paris white, (Eng.) \$ lb.	1 30 @ 2 00	2 @ 2 1/2	1 @ 2 1/2	1 1/2 @ 2 1/2
Litharge, Am. \$ lb.	54 @ 60	7 1/2 @ 7 1/2	6 1/2 @ 7	1 1/2 @ 7 1/2
Siena (burnt) \$ lb.	14 @ 20	14 @ 20	4 @ 16	4 @ 14
Umber \$ lb.	14 @ 20	14 @ 20	2 @ 10	2 @ 13
HARDWARE.				
Nails: (Per Cask.) Spikes, (wrought.) \$ cask.	2 85		2 75 @ 3 00	pr kg @ 2 25
10d. common \$ cask.	2 60	2 40	2 35	2 30
Shingle \$ cask.	3 35	2 50	2 75	2 60
Lath \$ cask.	4 85	3 70	3 65	3 60 @ 4 75
Finishing nails according to size. (For casing nails add 75c. per keg.) \$ cask.			Add. 85 to \$1.15	per lb 4 @ 6
Butts: 4" x 4" (\$ doz. pairs.) \$ doz.			50 to .90	Add pr cask 2 90 (all kinds.)
Plain \$ doz.	1 00	1 20	90	1 35 @ 30
Japaned \$ doz.	1 50	1 75	Not sold.	1 35 @ 2 75
Acorn, Japaned \$ doz.	1 50	1 90	2 00 @ 3 75	48 @ 50
Ball Tip, Boston Finish (\$ pair.) \$ pair.	65	50	Not sold.	1 00 @ 2 50
Brass metal \$ pair.	1 90	1 65	2 00 @ 3 25	50 @ 2 50
Brass (or subboards) \$ pair.	10	10	12	35 @ 35
Ebony \$ pair.				37 @ 1 00
Apple wood \$ pair.				
Knobs: (\$ Set.) \$ Set.				
Mineral, best \$ Set.	8	8	8 @ 10	Not sold.
Lava \$ Set.	50	75	65 @ 80	25 @ 50
Hemacite \$ Set.	Not sold	17 @ 33	31 @ 40	100 @ 25
Porcelain \$ Set.	30	10	25 @ 30	1 75 @ 2 50
Glass, solid \$ Set.	Not sold	88 @ 1 00	Not sold.	50 @ 2 50
Glass, silvered \$ Set.	Not sold	50 @ 3 00	50 @ 3 00	75 @ 1 25
Brass metal \$ Set.	75 @ 2 00	50 @ 3 00	13 @ 16	18 @ 16
Brass \$ Set.	1 00 @ 2 50			6 @ 6
Solder:				
Sheet Lead \$ lb.		8 1/2	7	
Lead Pipe \$ lb.		8	6 1/2	
Iron:				
I-Beams, up to and including 30 ft. \$ lb.	3 3-10 @ 3 1/2	3 1-10	3 20 @ 3 70	2 8-10
I-Beams, over 30 ft. \$ lb.	3 3-10 @ 3 1/2	3 1-10		2 8-10
Channel-Beams \$ lb.	3 3-10 @ 3 1/2	3 1-10		2 8-10

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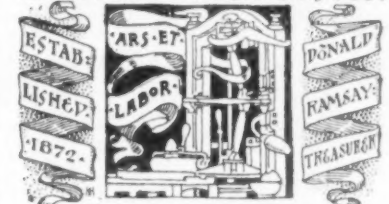
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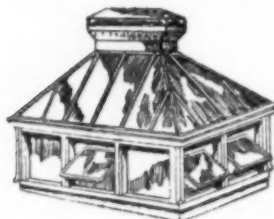
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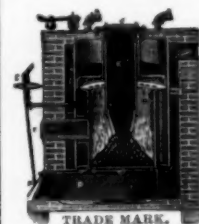
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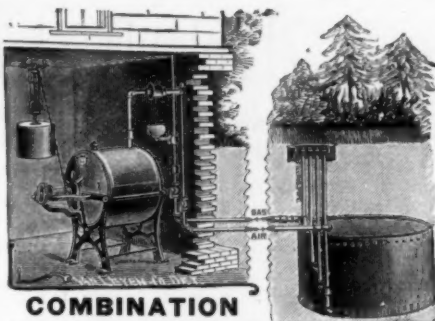
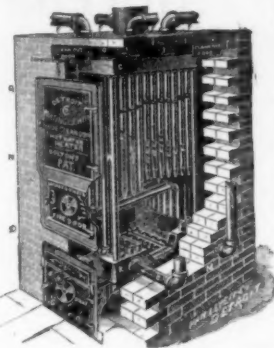
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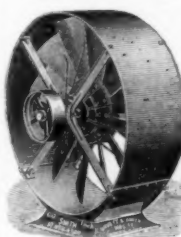
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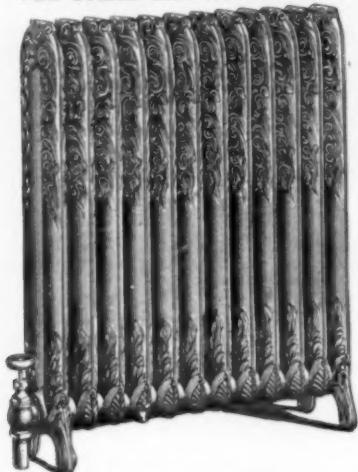
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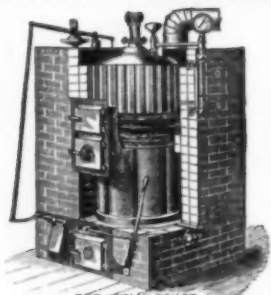
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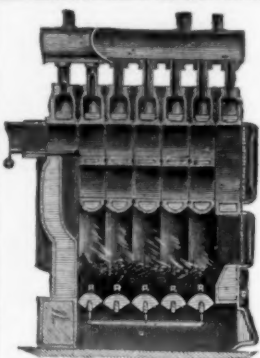
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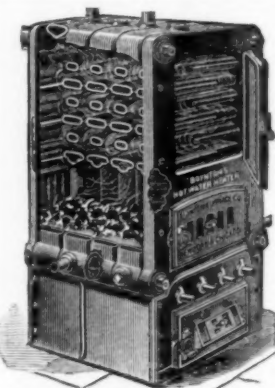
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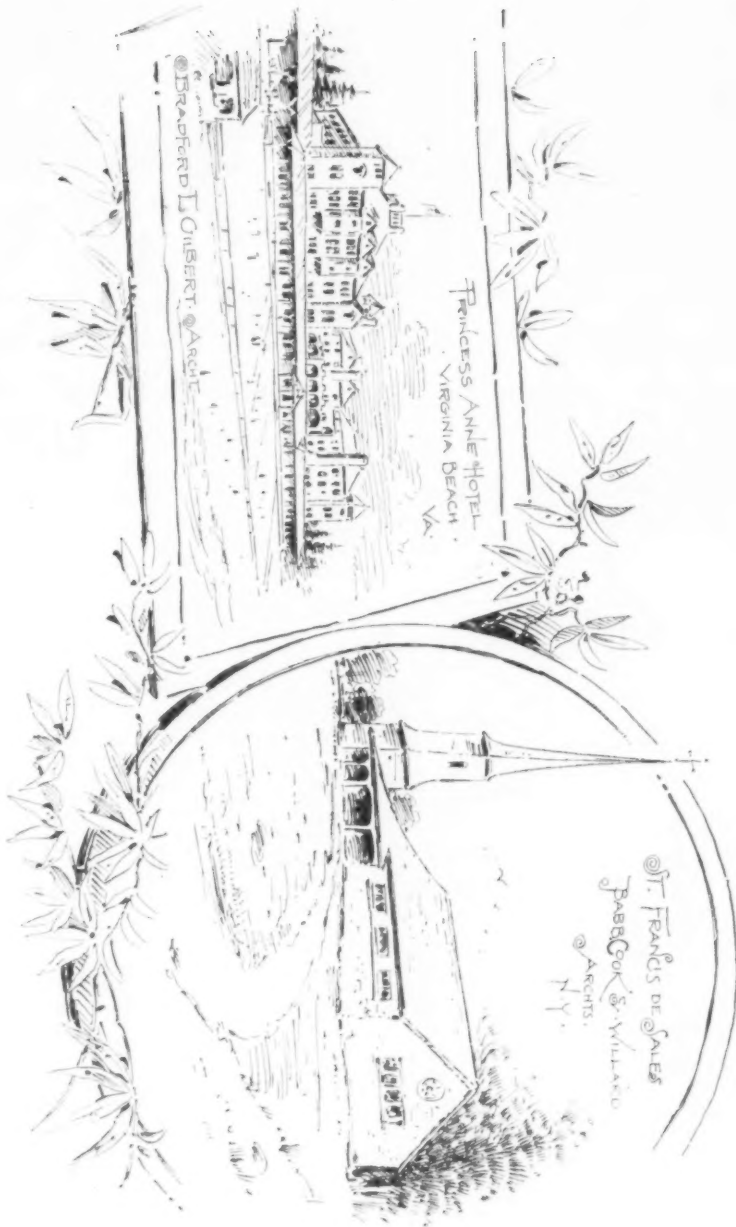
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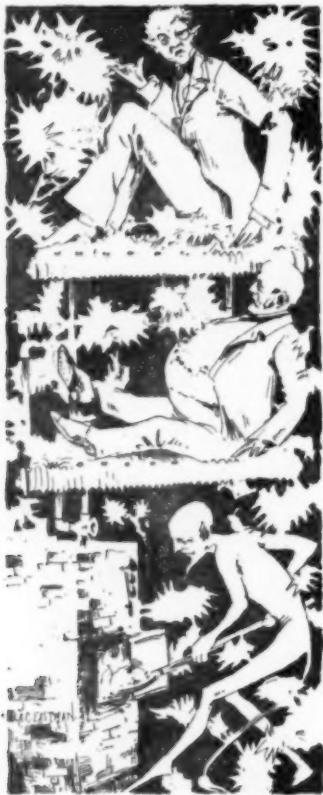
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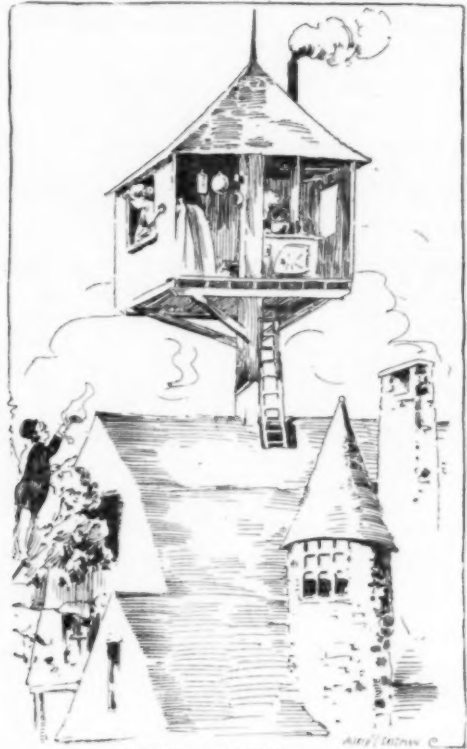
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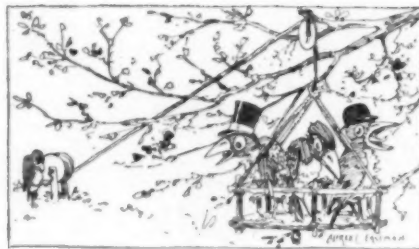
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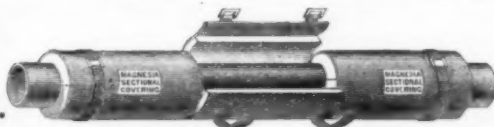
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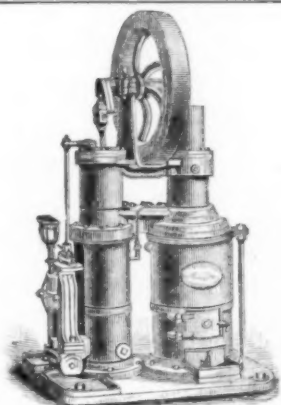
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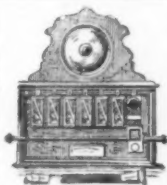
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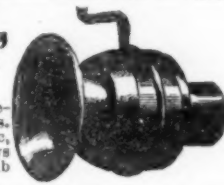


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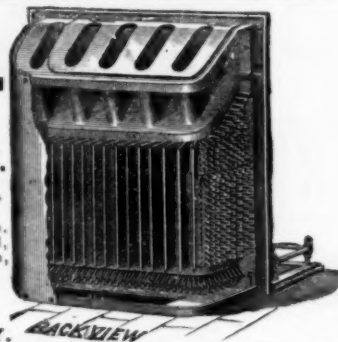
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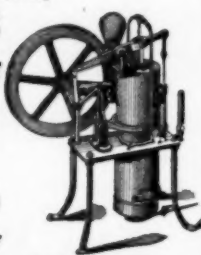
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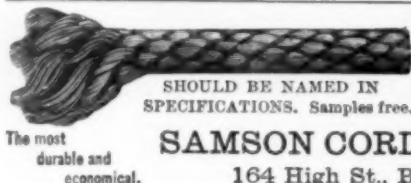
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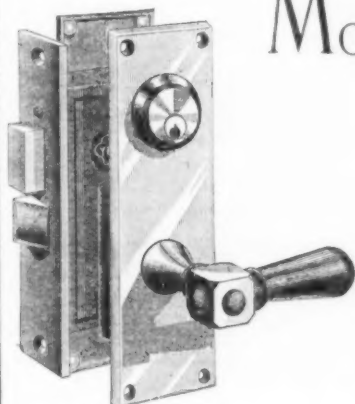
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The American Architect and Building News

IS PUBLISHED EVERY SATURDAY BY

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211 TREMONT ST., BOSTON, MASS.

For the American Architect and Building News Co.

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PERSPECTIVE DRAWING.

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[Printed specifications of any patents here mentioned together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

436,939. WINDOW-BEAD FASTENER.—Melissa Lane, Binghamton, N. Y.
436,940. DOOR-SECURER.—Abram T. Norton, Delta, Idaho.
437,969. REFUSE-BURNER, WATER-HEATER AND STEAM-GENERATOR.—Henry Auchu, Emporium, Pa.
437,018. PIPE-HANGER.—Ernest V. Clemens, New York, N. Y.
437,019. PIPE-JOINT.—Ernest V. Clemens, New York, N. Y.
437,033. FABRIC ROOFING-MATERIAL.—Rufus S. Merrill, Wakefield, Mass.
437,047. COMBINED VISE, PUNCH AND DRILL.—John H. Sargent, Aurora, Ind.
437,054. BOLT.—Giles S. Smith, Ballwin, Mo.
437,095. ORNAMENTATION OF WALLS.—Melvin B. Church, Grand Rapids, Mich.
437,103. FASTENER FOR SASHES.—Francis E. Drake, Columbus, Ohio.

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Gorton & Lidgerwood.
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F. E. Cudell.
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Adamant Mfg. Co.
E. Thiele.
Armour, Marlin & Co.

See the first issue of the month for the following advertisements.

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J. F. Pease Furnace Co.
Schilling Fireproof Cement & Asphalt Co.
S. A. Fletcher.
George A. Barnard.
Bureau Bros.

BUILDING PATENTS.

437,115. TRANSOM-LIFTER.—Emil Herz, New York, N. Y.
437,140. PROCESS OF CALCINING GYPSUM.—James Sickler, Salina, Kansas.
437,190. SASH-FASTENER.—Joseph H. Garrett, King's Mountain, N. C.
437,219. SMOKE-BURNING FURNACE.—Orion B. Martin, Akron, Ohio.
437,229. APPARATUS FOR PREVENTING FIRE IN ELEVATOR-SHAFTS, ETC.—Abraham McLaughlin, Pittsburgh, Pa.
437,250. FENCIL-HOLDER FOR CALIPERS.—August L. Schallhorn, New Haven, Conn.
437,271. ROOFING-SHEET.—James White, Brooklyn, N. Y.
437,274. STEAM-BOILER.—Robert R. Zell, Baltimore, Md.
437,297. RATCHET SCREW-DRIVER.—George E. Gay and John H. Parsons, Augusta, Me.
437,313. TOOL FOR LAYING OUT STAIRWAYS.—John McDiarmid, Des Moines, Iowa.
437,333. LADDER-BALCONY.—Arthur St. George Cuff, Kilburn, England.
437,347. TILE FOR PAVEMENTS AND VAULT-LIGHTS.—James S. Pierce, Portsmouth, N. H.
437,351. LUBRICATOR FOR ELEVATORS.—James M. Arnold, Chicago, Ill.
437,363. LIGHTNING-ARRESTER.—Harry M. Kalbach, Ashland, Pa.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

ALTERATIONS.

Philadelphia, Pa.—Chelton Ave., w Green St., one-sty addition to stable; contractors, T. Wright & Son.
Hutaw St., No. 55, one-sty addition to dwell.; contractor, George Wood, 4346 Rubicam St.
Thompson St., No. 2425, new front to dwell.; owner, William D. Laverell, 1727 North Twenty-seventh St.
Mervine St., new front; contractor, Wm. Reuch, 1239 North Fourth St.
North Eighth St., No. 152, front alteration; contractor, J. K. Pyle, 1741 North Twentieth St.
Spring Garden St., No. 1105, one-sty addition to store; contractors, C. F. Wells & Son, 4080 Spring Garden St.
Third and Pearl Sts., alteration of building for store; owner, James J. Davis, 302 Cooper St.

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BUILDING INTELLIGENCE.

Armat St., w Cumberland St., one-sty addition to dye-house and one-sty addition to boiler-house; owners, T. W. Wright & Son, 7 Harvey St.

South Forty-first St., No. 500, one-sty addition to coach-house; contractor, J. W. Leamy, 523 South Forty-second St.

Kaighn's Ave., No. 131, two-sty alteration of brick building for store; owners, Storn Bros., 127 Kaighn's Ave.

APARTMENT-HOUSES.

Brooklyn, N. Y.—Thirty-second St., s s, 120' w Fifth Ave., three-sty brick flat, tin roof; cost, \$4,000; owner, Ellen Smith, 278 Twenty-first St.; architect, George M. Miller, 406 Fifth Ave.

Dean St., s s, 250' w Vanderbilt Ave., four-sty brick double flat, felt and gravel roof; cost, \$6,500; owner, James H. Stevenson, 591 Bergen St.

Tenth St., n s, 197' w Eighth Ave., 5 three-sty brick flats, tin roofs; cost, \$6,500 each; owner, J. F. Ransom, 244 Thirteenth St.; architects, J. D. Reynolds & Son, 363 Fulton St.

Washington Ave., w s, 20' n Gates Ave., five-sty brick apartment-house, slate, tile and tin roof; cost, abt. \$18,000; owners, D. H. Fowler & Co., Bedford Ave. and Fulton St.; architects, Henry Olmstead & Sons, 1156 Fulton St.

Atlantic Ave., s s, 212' 30' w Classon Ave., 4 four-sty brick apartment-houses, tin roofs; total cost, \$24,000; owner, C. B. Sheldon, 111 Seventh Ave.; architect, W. M. Coots, 26 Court St.

Minneapolis, Minn.—A. D. Aldrich, frame apartment-house, 2230 Aldrich Ave., n; cost, \$8,000.

New York, N. Y.—Ninety-eighth St., n s, 175' w Ninth Ave., 7 five-sty flats; cost, \$140,000; owner, John O'Connor; architect, Andrew Spence.

One Hundred and Thirty-fifth St., n w cor. Willis Ave., 6 five-sty flats; cost, \$120,000; owner, George D. Ross; architect, John C. Burne.

Bank St., No. 31, five-sty brick, stone and terra-cotta flat; owners, Brose & Rents; architect, Charles Rents.

One Hundred and Eighteenth St., n s, 100' e Eighth Ave., 6 five-sty brick flats, tin roofs; cost, \$120,000; owner, John S. Scott, 4 West One Hundred and Thirtieth St.; architect, John C. Burne, 1531 Third Ave.

Washington St., n w cor. Perry St., five-sty brick flat, tin roof; cost, \$50,000; owner, William Broadbelt, 2 West One Hundred and Thirtieth St.; architect, John C. Burne, 1531 Third Ave.

One Hundred and Sixth St., n s, 175' w Eighth Ave., 2 five-sty brick flats, tin roofs; cost, \$36,000; owner, Antonio Gallo, 66 West Twelfth St.; architect, James Barrett, 244 East Twelfth St.

Third Ave., No. 3022, five-sty brick flat, tin roof; cost, \$22,500; owners, John D. Theis & Son, 74 West One Hundred and Twenty-fifth St.; architect, John C. Babcock, 64 College Pl.

One Hundred and Twenty-fourth St., s s, 87' e Ninth Ave., 4 five-sty brick flats, tin roofs; cost, \$100,000; owner, John Smith, 2428 Eighth Ave.; architect, E. E. Gandolfo, 31 Union Sq.

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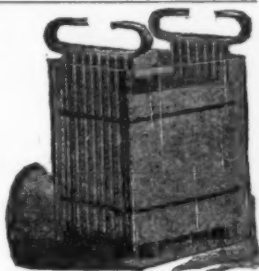
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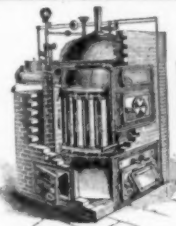
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Reserve for Unadjusted Losses and other Liabilities.....\$73,492.82
Surplus over all Liabilities.....\$350,778.61

BUILDING INTELLIGENCE.

Broome St., n w cor. Tompkins St., 5 five-st'y brick flats, tin roofs; cost, \$97,000; owner, August F. Schwarzler, 1073 Fifth Ave.; architect, Edward Wenz, 1491 Third Ave.

West Thirty-ninth St., No. 408, five-st'y brick flat, tin roof; cost, \$19,000; owners, Well & Meyer, 227 East Sixtieth St.; architect, George F. Pelham, 1481 Broadway.

Cornelia St., No. 5, five-st'y brick flats, tin roof; cost, \$15,000; owners, heirs of John Fitzpatrick, 517 West Twenty-fifth St.; architect, George Keister, 35 West Thirty-fifth St.

One Hundred and Second St., n s, 209 e Tenth Ave., 3 five-st'y brick flats, tin roofs; cost, \$60,000; owner, Frederick Hack, 7 West One Hundred and Twenty-second St.; architects, Cleverdon & Putzell, 529 Broadway.

Ninety-sixth St., n s, 90 e Amsterdam Ave., 3 five-st'y brick flats, tin roofs; cost, \$60,000; owner, John Casey, 172 East Seventy-third St.; architects, A. B. Ogden & Son, 1031 Madison Ave.

CHURCHES.

Brooklyn, N. Y.—Bushwick Ave., n w cor. De Kalb Ave., two-st'y brick Epworth M. E. Church and Sunday School, shingle roof; cost, \$32,000; owner, Epworth M. E. Church, Rev. W. C. Wilson, 26 Cedar St.; architect, B. L. Gilbert, 50 Broadway, New York City.

Thadford Ave., e s, 100 s Belmont Ave., one-st'y frame Jewish synagogue, tin roof; cost, \$6,000; owner, Congregation Ohew Scholam; architects, Danmar & Fischer, 2921 Atlantic Ave.

Wierfield St., n e cor. Bushwick Ave., one-st'y frame church, shingle roof; cost, \$12,000; owner, Baptist Extension Society of Brooklyn; architect, Paul F. Higge, 835 Broadway, New York.

Cincinnati, O.—Phillips Evan. Protestant Church, two-st'y brick and stone church, McEicken and Ohio Aves.; cost, \$3,500; architect, Emil F. Baude.

FABRICATES.

Brooklyn, N. Y.—Van Pelt Ave., n e cor. Russell St., three-st'y brick factory and carpenter-shop, tin roof; cost, \$6,000; owners, Kroenke Bros., 32 Russell St.; architects, Kurtzer & Kohl, Third Ave. and Seventh St., New York City.

Cincinnati, O.—E. L. Murdock, brick and stone factory, Evans St.; cost, \$4,000; architects, Kuhlman & De Camp.

Joseph Joseph & Bro., one, two and three st'y brick and stone factories, Harrison Ave.; cost, \$30,000; architects, S. Hannaford & Sons.

HOUSES.

Boston, Mass.—K St., Nos. 145-147, Ward 11, 2 three-

BUILDING INTELLIGENCE.

st'y frame dwells, flat roofs, 25' x 55'; owner, L. W. Ross; builder, L. H. L. Pierce.

Victoria St., No. 22, Ward 24, frame dwell., 30' x 46'; owner, E. McKeehan; builder, E. N. Boyden.

Kennedy St., near Day St., Ward 22, frame dwell., 24.6' x 52'; owner, Neil McIntosh; builders, Lemler & Wangler.

Main St., Nos. 455-457, Ward 4, 2 four-st'y frame dwells, and stores, flat roofs, 18' x 60'; owner, Patrick Monahan; builder, J. F. Nyhan.

Ballow Ave., near Jones Ave., Ward 24, frame dwell., 21' x 28'; owner, Margaret McLaughlin; builder, W. McLaughlin.

West Park St., near Washington St., Ward 24, frame dwell., 30' x 43'; owner, Samuel Neal; builder, John McDowell.

Dorchester Ave., No. 1790, Ward 24, frame dwell., 22' x 47'; owner and builder, Albion F. Rich.

Brooklyn, N. Y.—Halsey St., s e cor. Patchen Ave., 4 two-st'y brick dwells, tin roofs; total cost, \$21,000; owner, Jane McDicken, 280 Marion St.; architect, Ernest Dennis, 115 Himrod St.

New York Ave., n e cor. Park Pl., two-st'y brick dwell., slate roof; cost, \$16,000; owner, Richard Major, Tompkins and De Kalb Aves.; architect, George B. Chappell, 24 State St., New York.

Thirty-second St., s s, 100' w Fifth Ave., 3 two-st'y frame dwells, tin roofs; cost, \$4,800; owner, Henry Klee, 365 Fourteenth St.

Louis Pl., e s, 20' n Atlantic Ave., 6 two-st'y frame dwells, tin roofs; cost, \$1,500 each; owner and architect, W. D. Bogart, 1592 Bushwick Ave.

Halsey St., s s, 23' e Patchen Ave., 4 two-st'y brick dwells, tin roofs; cost, \$21,000; owner, Jane McDicken, 280 Marion St.; architect, Ernest Dennis, 115 Himrod St.

Windsor Pl., n s, 90' e Ninth Ave., 11 two-st'y brick dwells, tin roofs; cost, \$3,000 each; owners, Assip & Buckley, 314 Fifth Ave.; architect, W. M. Coots, 26 Court St.

Greene Ave., n s, 220' w Central Ave., 4 two-st'y frame dwells, tin roofs; cost, \$2,300 each; owner, Otto Saenger, 1193 Greene Ave.; architects, D. Acker & Son, 752 Broadway.

Humboldt St., n s, 83' 6" n Van Pelt Ave., 4 two-st'y frame dwells, tin roofs; cost, \$1,400 each; owner, Charles Engert, 182 Montrose Ave.; architects, D. Acker & Son, 752 Broadway.

McDonough St., n s, 300' e Stuyvesant Ave., 4 two-st'y brick dwells, tin roofs; cost, \$15,000; owner, James Cumisky, 12 Harmon St.; architect, Ernest Dennis, 115 Himrod St.

Nelson St., s s, 144' 8" e Hicks St., four-st'y brick dwell., tin roof; cost, \$9,000; owner, Catharine Leaves, 61 Nelson St.; architect, J. W. Bailey, 66 Court St.

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Eckford St., e s, 175' n Nassau Ave., three-st'y frame dwell., gravel roof; cost, \$5,800; owner, Charles P. Gorman, 90 Norman Ave.; architect, P. Tilton, 202 Manhattan Ave.

Van Voorhis St., s s, 100' w Bushwick Ave., 3 three-st'y brick dwells, tin roofs; cost, \$4,000 each; owner, Fred Ammann, 1092 Madison St.; architect, Henry Vollweiler, 486 Hart St.

Forty-eighth St., s s, 230' e Fourth Ave., two-st'y frame dwell., tin roof; cost, \$8,000; owner, Hugo Wiese, 105 Fifty-first St.; architects, H. L. Spicer & Son, Third Ave. and Fifty-third St.

India St., s s, 200' e Manhattan Ave., three-st'y frame dwell., gravel roof; cost, \$5,400; owner, Daniel McCullum; architect, F. Weber, 211 Manhattan Ave.

Ashford St., e s, 325' n Arlington Ave., three-st'y frame dwell., shingle roof; cost, \$4,200; owner, Wm. F. Bowen, 23 Harmon St.; architects, Danmar & Fischer, 2921 Atlantic Ave.

Saratoga Ave., w s, 40' n Atlantic Ave., 5 two-st'y frame dwells, tin roofs; cost, \$10,000; owner and architect, W. D. Bogart, 1594 Bushwick Ave.

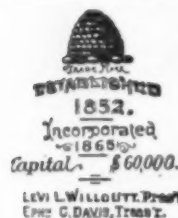
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Patchen Ave., e. s. 82' s Decatur St., two-sty brick dwell., tin roof; cost, \$3,000; owner, I. B. Booth, 132 Hart St.; architect, F. W. Ames, 1002 Halsey St.

Decatur St., s. s. 22' e Patchen Ave., 4 two-sty brick dwell., tin roofs; cost, \$3,000 each; owner, I. B. Booth, 132 Hart St.; architect, F. W. Ames, 1002 Halsey St.

Sumpter St., n. s. 125' b Saratoga Ave., 6 two-sty frame dwell., tin roofs; cost, \$2,500 each; owner, Wm. H. Barton, 10 Cooper St.; architect, John E. Dwyer, 1540 Broadway.

Coevert St., n. s. 253' e Evergreen Ave., 6 two-sty frame dwell., tin roofs; cost, \$2,500 each; owner, Wm. H. Barton, 10 Cooper St.; architect, John E. Dwyer, 1540 Broadway.

Van Voorhis St., n. s. 270' w Evergreen Ave., 5 two-sty frame dwell., tin roofs; cost, \$3,000 each; owner, Mary N. McLaren, 102 Hart St.; architect, George Nickels, Gates Ave.

Dean St., s. s. 165' w Brooklyn Ave., 4 three-sty brick dwell., tin roofs; cost, \$6,000 each; owner, J. A. Bliss, 104 McDonough St.; architect, A. E. White, 79 Third St.

Van Dyke St., s. s. 80' w Conover St., three-sty frame dwell., tin roof; cost, \$4,000; owner, Wm. H. Oukens, 165 Van Dyke St.; architect, C. M. Dettelsen, 164 Conover St.

Underhill Ave., n. e. cor. Park Pl., two-sty brick dwell., slate roof; cost, \$9,900; owner, City of Brooklyn; architect, Frank Freeman, 132 Nassau St., New York City.

Jordan St., n. s. 111' 39' e Henry St., three-sty brick dwell., slate or tile roof; cost, \$45,000; owner, Daniel Chauncey, 8 Sydney Pl.; architect, Chas. P. H. Gilbert, 18 Broadway, New York City.

Sterling Pl., n. s. 100' e Flatbush Ave., 4 three-sty brick dwell., tin roofs; cost, \$5,500 each; owner, John Kouvalinka; architect, Robert Dixon.

Shepard Ave., e. s. 175' n Liberty Ave., 7 two-sty frame dwell., tin roofs; cost, \$2,500 each; owner, E. D. Yarder, 2130 Fulton St.; architect, C. A. Povis, 305A Monroe St.

Cambridge, Mass.—Lancaster Ave., cor. Agassiz St., stone and wood dwell., 36' x 46'; hot-water heating; cost, abt. \$10,000; owner, H. P. Blackman; builder, Emery J. Packard; architect, Eugene L. Clark, Boston.

Camden, N. J.—Hallece Ave., bet. Webster and Jackson Sts., 8 two-sty brick dwell.; owners, Kaighn & Holl.

South Sixth St., No. 1904, two-sty brick dwell.; owner, John Schow.

Sylvan and Fairview Aves., one-sty frame dwell.; owner, William Newton, 315 Division St.

Sylvan Ave., n. Van Buren St., two-sty frame dwell.; owner, John Rottermuith, Ferry Road and Railroad Ave.

Federal St., No. 1025, three-sty brick dwell. and store; owner, M. E. Harden.

Chicago, Ill.—M. Gasdon, two-sty dwell., 346 Bowen Ave.; cost, \$1,000.

M. Czerny, two-sty dwell., 307 Fifty-fourth St.; cost, \$6,500.

E. H. Curtis, cottage, Ninety-fifth St. and Cottage Grove Ave.; cost, \$1,000.

Frank Derjinski, cottage, 47 Lincoln St.

Irving & Powell, cottage, 87 Bingham St.

J. A. Powell, cottage, 1314 Maplewood St.

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Paul Treter, cottage, 938 Melrose St.; cost, \$1,400.

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W. Horace, cottage, 10746 Avenue M.

John Buchanan, cottage, 2928 Buffalo St.; cost, \$1,300.

James Macken, cottage, One Hundred and Seventh St. and Avenue N.

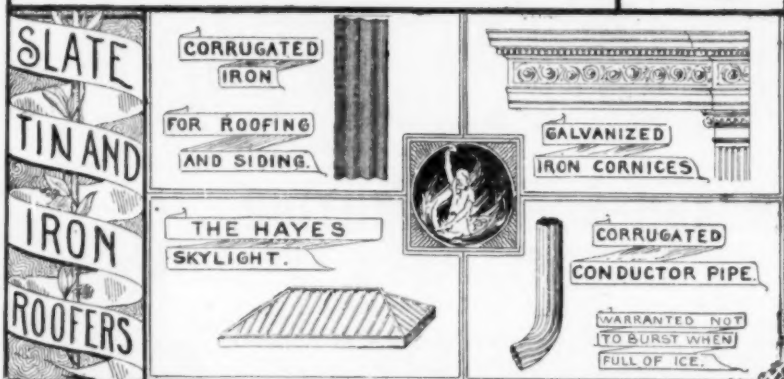
J. Mass, cottage, Avenue M., near One Hundred and Eighth St.

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C. M. Avery, two-sty dwell., Evanston Ave., near Early St.; cost, \$7,000.

A. Burns, cottage, 592 Spaulding Ave.

John Jarchow, cottage, 398 Dudley St.; cost, \$1,200.

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Cincinnati, O.—James Heron, two-and-one-half-sty brick and stone dwell., Eighth St.; cost, \$5,750; architect, S. S. Godley.

John B. Morris & Co., three-and-one-half-sty brick and stone dwell. and iron factory, Court St.; cost, \$30,000; architects, S. Hannaford & Sons.

Henry Miller, three-and-one-half-sty brick and stone dwell., Baltimore Pike; cost, \$4,500; architects, G. & A. Brink.

David F. Rendery, two-and-one-half-sty brick and stone dwell., Laurel St.; cost, \$4,500; architect, Adam Bast.

George Miller, row of two-sty brick and stone dwell., Irwin St.; cost, \$2,500; architect, Jacob Simon.

Thomas Deneal, two-and-one-half-sty brick and stone dwell., Woodward Ave.; cost, \$4,500; architect, W. W. Franklin.

E. J. Homan, two-and-one-half-sty brick and stone dwell., Chateau Ave.; cost, \$3,500; architect, S. S. Godley.

Francis H. Cloud, three-and-one-half-sty brick and stone building, Grand Ave.; cost, \$7,000; architect, M. Lawrence.

Mrs. Hannah Mark, 2 two-and-one-half-sty brick dwell., Howfield and Lincoln Aves.; cost, \$15,000; architect, S. S. Godley.

Frank Gevwin, two-and-one-half-sty frame dwell., Seaton Ave.; cost, \$5,000; architect, Emil Baude.

C. C. Wilson, two-and-one-half-sty frame dwell., Graydon Ave.; cost, \$3,000; architect, J. Cunningham.

Charles W. Smith, owner and architect, two-and-one-half-sty frame dwell. and store, Powers St.; cost, \$3,800.

Otto Winkelman, two-and-one-half-sty frame dwell., Annie St.; cost, \$3,000; architects, Rieg & Marty.

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Minneapolis, Minn.—J. F. Tharreau, frame dwell., 2027 Kenwood Boulevard; cost, \$7,500.

M. Hanson, frame dwell., 2924 Ninth Ave., s; cost, \$4,500.

Philadelphia, Pa.—Dickinson St., s. s. w Twenty-second St., 24 two-sty dwell.; owner, John Devlin, 2311 Lombard St.

Twenty-second St., w. s. s Dickinson St., 4 two-sty dwell.; owner, John Devlin, 2311 Lombard St.

South Thirteenth St., No. 247, four-sty dwell.; contractor, Charles P. Nesbitt, 425 Locust St.

Susquehanna Ave., w. s. n Indiana Ave., 15 two-sty dwell.; owner, George A. Bilyeau, 1725 Franklin St.

Cayuga St., w. s. s Wayne St., 5 two-sty dwell.; owners, Hirst & Apeden, 2 Umstead Row.

George St., s. s. w Church St., 2 two-sty dwell.; contractor, C. Kolever, 2734 Ash St.

Mascher St., w. s. n Tioga St., 7 two-sty dwell.; contractor, D. C. Schuler, 2327 North Sixth St.

Washington St., w. s. s Bridge St., two-sty dwell.; owner, A. R. Crosta, 4536 Salmon St.

Edgemont St., e. s. s Buckins St., two-sty dwell.; owner, A. R. Crosta, 4536 Salmon St.

Hancock St., w. s. s McKean St., 6 two-sty dwell.; owner, R. Moffitt, 1912 East Second St.

Broad St., e. s. s Moore St., 6 three-sty dwell.; contractor, Hugh McNeill, Ninth St. and Moyamensing Ave.

Christian St., n. s. w Twenty-sixth St., two-sty dwell.; owner, J. V. Quigley, 2549 Christian St.

Thirty-third St., n. s. s Wharton St., 2 two-sty dwell.; contractor, Lane Schofield, 2208 Madison Sq.

Mountain St., n. s. w Fifth St., and Fernon St., 10 two-sty dwell.; owners, R. & A. Wilson, 1711 South Twentieth St.

Third St., e. s. n Tioga St., 2 two-sty dwell.; owner, M. H. Tuft, 2004 Westmoreland Ave.

Eastwick St., s. s. w Eighty-sixth St., two-sty dwell.; contractor, Charles A. Kates, Seventy-ninth St. and Brewster Ave.

Mantra Ave., s. s. e Forty-third St., 4 two-sty dwell.; owner, Charles Bateson, 4631 Lancaster Ave.

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owner, Charles A. Chamberlin, Branchtown.
Twelfth St., n w cor. Jackson St., 4 two-st'y
dwells.; owner, James Lilly, 2215 South Sixth St.
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(Continued on page xviii.)

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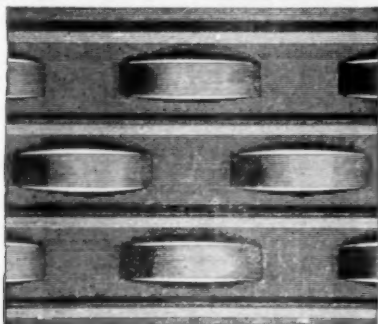
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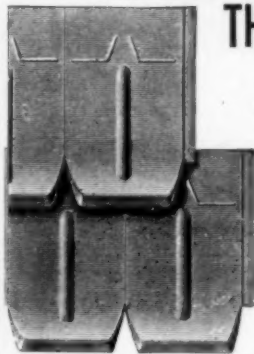
Wharton St., w Thirty-sixth St., 23 two-st'y
dwells.; owner, George Ross, 1154 Ward St.
Forty-third St., e s, n Ogden St., 11 two-st'y
dwells.; owner, Jacob R. Jordan, 1626 South Broad
St.
Ogden St., n s, e Forty-third St., 14 two-st'y
dwells.; owner, Jacob R. Jordan, 1626 South Broad
St.
Mascher and Ontario Sts., 40 two-st'y brick
dwells.; owner, Samuel H. Brown, Cooperville.
Jefferson St., e s, s Johnson St., 2 three-st'y
dwells.; contractor, H. H. Buzby, 5258 Main St.
Mechlin St., n s, e Germantown Ave., 2 three-st'y
dwells.; contractor, M. D. Whartman, 48 Mechlin
St.
D St., No. 3051, two-st'y dwell.; owner, Jno. S.
Smith, Jr., 2845 Kensington Ave.
Warnock St., e and w s, n Indiana Ave., 9 two-st'y
dwells.; owner, Joseph Parker, 2639 Germantown
Ave.
Hicks St., n and s s, e Second St., 6 two-st'y
dwells.; contractor, Jas. H. Young, 1902 South Col-
lege Ave.
Hartville St., w s, n Indiana Ave., two-st'y dwell.;
owner, W. J. McLinden, 2045 Rover St.
Frankford Ave., e s, s Ontario St., three-st'y
dwell.; owner, John Voegtlin, 3403 Frankford Ave.
Lehman St., e s, s Morris St., 4 three-st'y dwells.;
owner, D. P. Bruner, 4820 Morris St.
North Third St., No. 1603, three-st'y dwell.;
owner, John Taggart, 1601 North Third St.
Caruthan Ave., w Eckley St., two-st'y dwell.;
contractor, E. D. Oliver, Bustleton.
Downton St., s s, e Germantown Ave., 10 two-st'y
dwells.; contractor, Jas. Mole, 1722 Cayuga St.
Bristol St., e s, s Wayne St., two-st'y dwell.; con-
tractor, Jas. Mole, 1722 Cayuga St.
Frankford Ave., n Westmoreland Ave., two-st'y
dwell. and store; contractor, Wm. G. Barnes, 3384
Frankford Ave.
Race St., No. 5609, three-st'y dwell. and store;
contractor, Lane Schofield, 2208 Madison Sq.
Irving St., s s, e Thirty-eighth St., 4 two-st'y
dwells.; owner, Wm. S. McAdoo, 258 South Seven-
teenth St.
Didman St., n s, w Comly St., Wissinoming, two-
st'y dwell.; contractor, Jacob Wuzelberger, 260
Bridge St.
Sixth St., e s, n Somerset St., 2 two-st'y dwells.;
owner, Wm. D. Huston, 2517 North Sixth St.
Worth St., e s, n Washington St., 15 two-st'y
dwells.; contractor, C. W. Cox, 826 Federal St.
Washington St., w Worth St., two-st'y dwell.;
contractor, C. W. Cox, 826 Federal St.
Pratt St., s s, w Worth St., two-st'y dwell.; con-
tractor, C. W. Cox, 826 Federal St.
Thirty-sixth St., s w cor. Fisk Ave., 7 two-st'y
dwells.; owner, Cornelius C. Linahan, 215 Spencer
St.

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Milestown.
Nineteenth St., w s, s Moore St., two-st'y dwell.;
owner, Archibald Baxter, 2011 McClellan St.
Bowier St., e and w s, n York St., 2 three-st'y and
66 two-st'y dwells.; owner, William Rhodes, 230
Chestnut St.
Tucker St., w Fifteenth St., 26 two-st'y dwells.;
owner, Wm. C. Carman, 1546 North Twelfth St.

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South Eighth St.
De Kalb Ave., n s, 150' w Tompkins Ave., four-st'y
brick office-building and dwell., tin roof; cost, \$6-
500; owner, A. Tanguerey, on premises; architect,
Robert Dixon, 219 Montague St.

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D. Arthur, 4809 Trinity Pl.

STABLES.

Brooklyn, N. Y.—North Eleventh St., e s, 72' s Bed-
ford Ave., three-st'y brick stable, tin roof; cost,
\$6,000; owner, C. Friedmann, 174 South Ninth St.;
architect, Chas. Rentz, 153 Fourth Ave., New York
City.

BUILDING INTELLIGENCE.

Cumberland St., w s, 221' 10" s Fulton St., two-st'y
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Ave.; architect, M. J. Morrill, 357 Fulton St.
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& Sons, 2228 Mount Vernon St.
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tractor, William Clark, 108 Dickinson St.
D St., s e cor. Benner St., one-st'y stable; owner,
Jacob Steiger, on premises.
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contractor, T. S. McVaugh, Oxford Church.
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stable; contractor, M. D. Whartman, 48 Mechlin St.
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contractor, H. C. Hays, Ridge Ave., opp. Crans
Lane.
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st'y stable; owner, Anna Fogarty, on premises.
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St.

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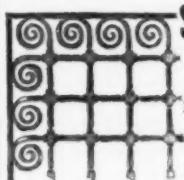
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John Murphy, two-st'y brick and stone store and
dwell., Gilbert Ave.; cost, \$3,500; architect, G.
Drach.**THEATRES.**Brooklyn, N. Y.—Adams St., w s, 75' s Myrtle Ave.,
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J. De La Harpe, 53 Rochester Ave.**MISCELLANEOUS.**Brooklyn, N. Y.—North First St., s w cor. Berry St.,
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st'y brick bakery and storage warehouse, tin roof;
cost, \$15,000; owner, Christian Friedmann, 174
South Ninth St., architect, Chas. Rentz, 153 Fourth
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Harrison St., one-st'y frame freight-shed, tin roof;
cost, \$22,000; owner, Wm. Coverly, 247 Washington
Ave.; architect, R. P. Staats, 35 Broadway, New
York City.Twenty-sixth St., s s, 125' w Third Ave., three-st'y
brick moulding-mill and box-factory, tin roof; cost,
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st'y frame storehouse, tin roof; cost, \$20,000; own-
ers, Atlantic Dock Co., Atlantic Dock; architect,
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brick boiler-house, refrigerating and engine room,
tin roof; cost, \$6,000; owners, Fred Hower Brewing
Co. (Limited), 186 Hewes St.; architect, Fred Wun-
der, 126 Broadway.Camden, N. J.—Third St., two-st'y brick produce
building; owner, A. W. Finley, Pavia, N. J.Cincinnati, O.—Central Union R. R. Co., brick and
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mont Ave. and Eastern Parkway.McDougal St., n s, 25' w Ralph Ave., three-st'y
frame store and dwell., tin roof; cost, \$6,500; own-
ers, John and Henry Albers, 11 McDougal St.;
architect, Chas. Infanger, 68 Van Siclen Ave.Pacific St., n s, 275' w Stone Ave., three-st'y
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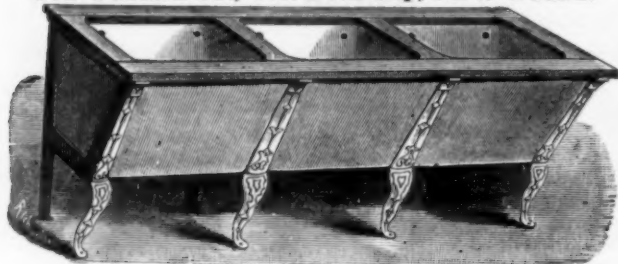
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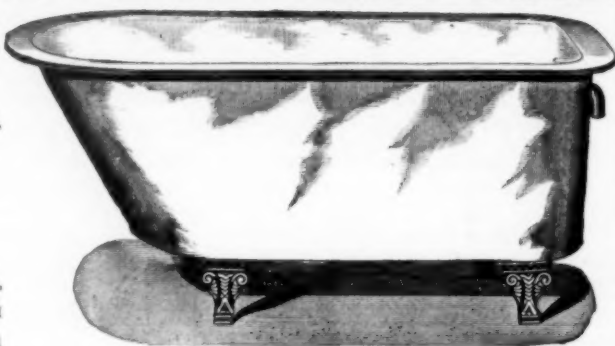
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October 4, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 26th day of October, 1890, for the erection and completion (except heating apparatus) of the United States Post-office building at Sedalia, Mo., in accordance with drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Sedalia, Mo. Each bid must be accompanied by a certified check for \$500. The Department will reject all bids received after the time fixed for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Bids must be enclosed in an envelope sealed and marked "Proposal for the Erection and Completion (except Heating Apparatus) of the United States Post-office building at Sedalia, Mo.," and addressed to JAS. H. WINDRIM, Supervising Architect. 773

October 4, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 21st day of October, 1890, for all the labor and materials required for the erection and completion of the main building and boiler-house building for the United States Immigration Depot at Ellis Island, New York Harbor, in accordance with drawings and specification, copies of which may be had on application at this office or the office of the Superintendent of Repairs, Public Buildings, New York, N. Y. Each bid must be accompanied by a certified check for \$1,000. The Department will reject all bids received after the time fixed for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for Main Building and Boiler-house building for the United States Immigration Depot at Ellis Island, New York Harbor," and addressed to JAS. H. WINDRIM, Supervising Architect. 773

October 3, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 17th day of October, 1890, for all the labor and material required for the excavation, concrete foundations, stone and brick work of the basement and area walls of the United States Post-office, etc., building at Scranton, Pa., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Scranton, Pa. Each bid must be accompanied by a certified check for \$500. The Department will reject all bids received after the time herein stated for the opening of the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in an envelope sealed and marked "Proposal for the Excavation, Concrete Foundation, Stone and Brick Work for the Basement and Area Walls of the United States Post-office, etc., at Scranton, Pa.," and addressed to JAS. H. WINDRIM, Supervising Architect. 773



PROPOSALS.

September 25, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 15th day of October, 1890, for all the labor and material and fixing in place complete the low-pressure, steam-heating and ventilating apparatus for the United States Court-house and Post-office building at Charlotte, N. C., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Charlotte, N. C. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time herein stated for the opening of the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in an envelope sealed and marked "Proposal for the Low-pressure, Steam-heating and Ventilating Apparatus for the United States Court-house and Post-office building at Charlotte, N. C.," and addressed to JAS. H. WINDRIM, Supervising Architect. 772

September 27, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 21st day of October, 1890, for all the labor and materials required for the plumbing of the United States Post-office building at Bridgeport, Conn., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time herein stated for the opening of the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in an envelope sealed and marked "Proposal for the Plumbing for the United States Post-office at Bridgeport, Conn.," and addressed to JAS. H. WINDRIM, Supervising Architect. 772

September 27, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 21st day of October, 1890, for all the labor and materials required for the plumbing of the United States Post-office building at Bridgeport, Conn., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time herein stated for the opening of the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in an envelope sealed and marked "Proposal for the Plumbing for the United States Post-office at Bridgeport, Conn.," and addressed to JAS. H. WINDRIM, Supervising Architect. 772

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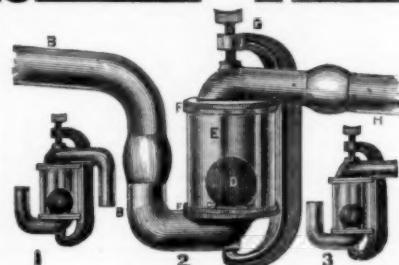
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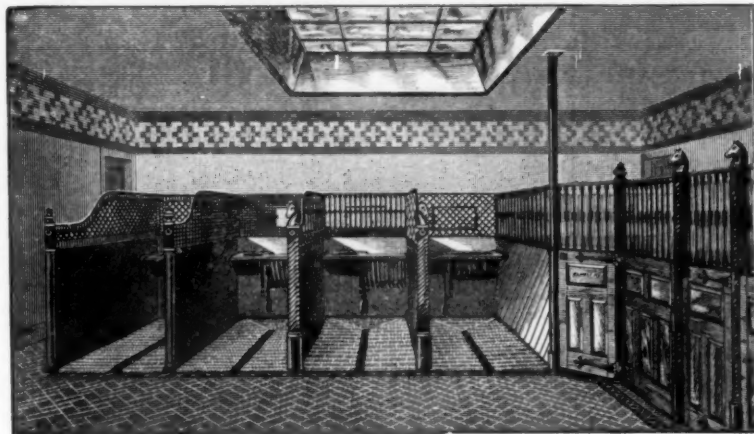
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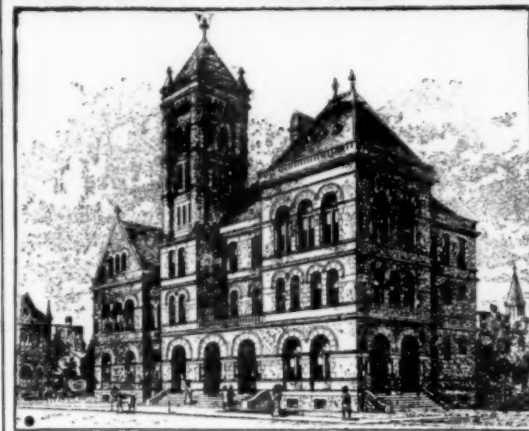
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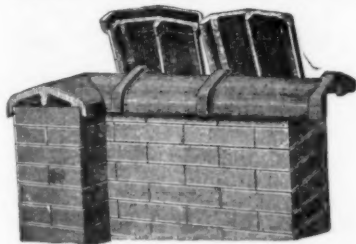
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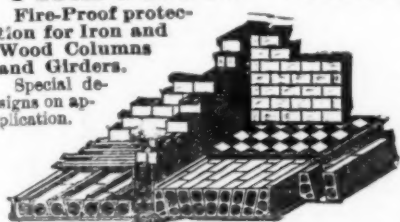
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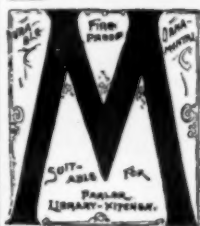
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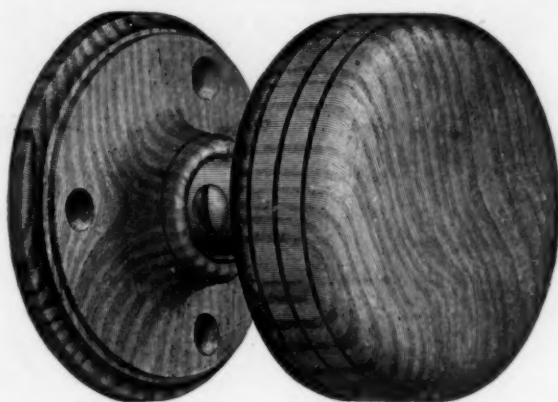
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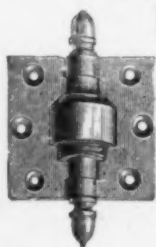
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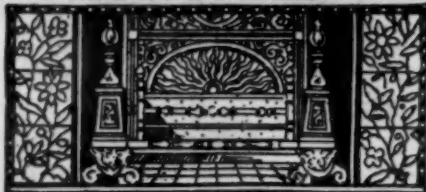
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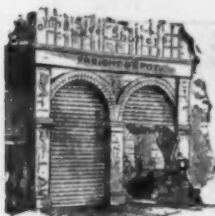
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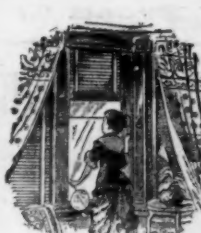
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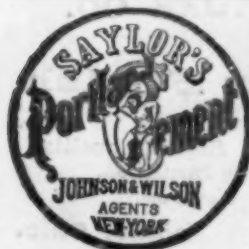
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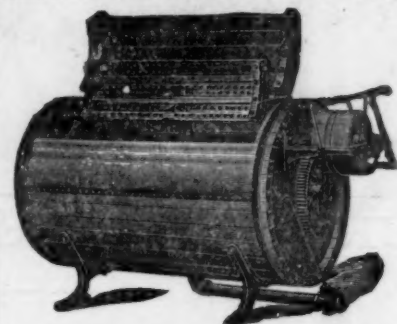
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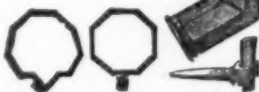
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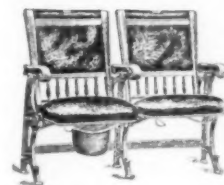
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" 2d quality.....

" 3d quality.....

Spruce.....

Hemlock.....

Yellow pine.....

Cypress.....

Clapboards:

Pine.....

Spruce.....

Framing Timber:

Pine.....

Spruce.....

Hemlock.....

Yellow pine.....

Laths:

Pine.....

Spruce.....

Shingles:

1 in, shaved..... P. M.....

Pine, sawed.....

Spruce, sawed.....

Redwood..... P. M.....

Cedar, split..... P. M.....

Cedar, sawed.....

Cypress, split..... 7 x 24. "

Miscellaneous:

Pine..... P. ft.....

Fence pickets, Commo.....

Cedar posts, 9 ft. (sq. post).....

Cheer nut.....

Finishing Woods: P. M. (First Qual.)

Ash..... (Kiln dried).....

Cherry.....

Butternut.....

Hard-pine floors (rift).....

Mahogany, Baywood (Mexican).....

" St. Domingo.....

Maple.....

Oak, red.....

" white.....

" quartered.....

Sycamore quartered.....

Pine, clear.....

Redwood.....

Spruce floors (clear, kiln-dried).....

Walnut, black.....

Whitewood.....

Yellow pine..... P. M.....

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55 00 @ 60 00

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on 13 1/2 @ 14

20 @ 40

32 00 @ 40 00

40 00 @ 60 00

25 00 @ 40 00

14 00 @ 18 00

12 00 @ 16 00

18 00 @ 21 00

2 15 @ 2 25

2 25 @ 2 50

5 00 @ 6 00

4 00 @ 5 00

1 50 @ 2 00

1 40 @ 1 60

2 00 @ 4 00

5 00 @ 6 00

4 1/2 @ 5 1/2

8 00 @ 10 00

25 @ 50

25 @ 50

45 00 @ 50 00

80 00 @ 120 00

40 00 @ 60 00

180 00 @ 200 00

350 00 @ 400 00

45 00 @ 50 00

70 00 @ 80 00

70 00 @ 80 00

50 00 @ 60 00

65 00 @ 70 00

60 00 @ 70 00

125 00 @ 150 00

45 00 @ 50 00

40 00 @ 45 00

40 00 @ 45 00

40 00 @ 45 00

40 00 @ 45 00

40 00 @ 45 00

40 00 @ 45 00

40 00 @ 45 00

40 00 @ 45 00

40 00 @ 45 00

Boston.

(Price to Builders and Contractors.)

50 00 @ 60 00

42 00 @ 50 00

35 00 @ 40 00

13 00 @ 25 00

13 00 @ 15 00

25 00 @ 35 00

32 00 @ 40 00

40 00 @ 60 00

25 00 @ 40 00

15 50 @ 20 00

14 00 @ 16 00

24 00 @ 35 00

2 25 @ 2 35

2 25 @ 2 50

4 50 @ 5 00

1 50 @ 2 00

3 75 @ 4 00

2 00 @ 4 00

5 00 @ 6 00

Pine 6c. P. ft.

10 00 @ 18 00

25 @ 50

25 @ 50

45 00 @ 60 00

85 00 @ 120 00

60 00 @ 70 00

50 00 @ 60 00

150 00 @ 200 00

200 00 @ 250 00

18 00 @ 35 00

32 00 @ 40 00

22 00 @ 40 00

45 00 @ 60 00

35 00 @ 50 00

35 00 @ 50 00

50 00 @ 75 00

60 00 @ 70 00

32 00 @ 35 00

80 00 @ 120 00

40 00 @ 45 00

40 00 @ 45 00

40 00 @ 45 00

40 00 @ 45 00

40 00 @ 45 00

40 00 @ 45 00

40 00 @ 45 00

Chicago.

(Price to Builders and Contractors.)

30 00 @ 40 00

25 00 @ 30 00

14 00 @ 20 00

Not sold.

16 00 @ 20 00

11 25 @ 13 50

14 00 @ 20 00

14 00 @ 25 00

Not sold.

Not sold.

12 00 @ 15 00

Not sold.

10 00 @ 13 00

2 10 @ 2 25

Not sold.

Not sold.

2 20 @ 3 00

Not sold.

6 00 @ 7 50

Not sold.

2 00 @ 2 35

3 00 @ 4 00

Cut to order.

P. 10 00 @ 18 00

9 @ 21

Not sold.

20 00 @ 40 00

80 00 @ 100 00

50 00 @ 60 00

150 00 @ 200 00

200 00 @ 250 00

18 00 @ 35 00

32 00 @ 40 00

22 00 @ 40 00

45 00 @ 60 00

35 00 @ 50 00

35 00 @ 50 00

50 00 @ 75 00

60 00 @ 70 00

32 00 @ 35 00

80 00 @ 120 00

40 00 @ 45 00

40 00 @ 45 00

40 00 @ 45 00

40 00 @ 45 00

40 00 @ 45 00

Philadelphia.

(Price to Builders and Contractors.)

48 00 @ 55 00

40 00 @ 45 00

30 00 @ 35 00

16 00 @ 20 00

11 25 @ 13 50

14 00 @ 20 00

14 00 @ 25 00

Not sold.

Not sold.

25 00 @ 30 00

16 00 @ 18 00

13 00 @ 1 00

22 00 @ 28 00

2 75 @ 3 00

2 30 @ 3 00

Not sold.

2 20 @ 3 00

Not sold.

6 00 @ 7 50

Not sold.

2 00 @ 2 35

3 00 @ 4 00

Cut to order.

P. 10 00 @ 18 00

9 @ 21

Not sold.

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80 00 @ 100 00

50 00 @ 60 00

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Black, brown, buff	2 1/2			
Colorful	2 1/2			
Red	3			
White	1 75			
Foundation:				
Block	5 00	5 00	20 00	5 00
Rubble	1 25	1 25	8 50	1 45
Bluestone: (per sq. ft.)				
Sidewalk	30 00	40 00	75 00	1 in. th. 10 00
Planed	50 00	75 00	50 00	37 00
Sandstone:				
Longmeadow	80 00	80 00		95 00
Kibbo	90 00	90 00		1 05
Brown (Connecticut)	1 00	1 25	1 50	1 35
Amherst	90 00	90 00	45 00	55 00
Berea	75 00	85 00	55 00	55 00
Berlin	75 00	80 00	55 00	1 10
Hellville	80 00	1 25	1 35	1 00
New Brunswick (Dorchester)	80 00	75 00	90 00	1 25
Olsen	1 05	2 00		95 00
Carlisle, English	1 05	1 05		
Corn Hill (Scotch)	1 05	1 05		
Marble (per cu. ft.)				
Leo, Mass.		1 75	2 50	2 00
Ontario, white and blue		3 00	3 50	2 00
Sutherland Falls	1 25	2 00	3 50	1 70
Glens Falls, black			3 50	4 00
Italian, blue-veined			4 40	2 50
"Sienna			4 40	4 00
Tennessee, red			4 40	3 00
"Knoxville			4 40	2 00
Pennsylvania, blue			3 50	2 25
Vermont, white			3 50	2 25
Slate: Roofing (per square)				
"Green	5 00	4 75	5 50	2 30
"Unfading	5 00	5 50	6 10	3 25
"Purple	5 00	5 50	7 10	3 50
"Red	5 00	5 50	7 10	3 50
"Black, Lehigh	4 25	10 00	12 00	7 50
"Chapmans			6 25	3 25
"Unfading Black, Monson, Mo.	5 50	5 50	7 30	4 00
Tiles, Am.			6 00	5 50
N. Peach Bottom, warranted unfading			9 00	6 00
PAINTS. (In oil, per lb.)			Not sold.	6 00
White lead, Am.	7 00	7 00	6 00	7 00
"Zinc	5 00	5 00	7 00	5 00
Red lead, Am.	6 00	6 00	6 00	6 00
"Venetian	6 00	6 00	6 00	6 00
"Vermilion	6 00	6 00	6 00	6 00
Red Indian, Eng.	12 00	12 00	12 00	12 00
Yellow Ochre	6 00	6 00	6 00	6 00
"Chrome	12 00	12 00	12 00	12 00
Green, Paris	25 00	25 00	25 00	25 00
Black, lamp	15 00	15 00	15 00	15 00
Blue, ultramarine	12 00	12 00	12 00	12 00
Oil, linseed, (raw)	58 00	58 00	58 00	58 00
"boiled	61 00	61 00	61 00	61 00
Turpentine	40 00	40 00	40 00	40 00
Varnish, coach				
Shellac				
Putty				
Whiting				
Paris white, (Eng.)				
Litharge, Am.				
Sienna (burnt)				
Umber				
HARDWARE.				
Nails: (Per Cask.) Spikes, (screwed)	2 85		2 75	2 25
10d. common	2 50	2 30	2 35	2 30
Shingle	3 35	2 40	2 75	2 60
Lath	4 85	3 60	3 65	3 60
Finishing nails according to size.				
(For casing nails add 75c. per keg.)				
Butts: 4" x 4" (per doz. pairs)				
Plain	1 00	1 20	90	90
Japaned	1 50	1 75	2 00	2 00
Acorn, Japaned	1 50	1 90	2 00	2 00
Ball Tip, Boston Finish (per pair)	65	80	2 00	2 00
Bronze metal	1 90	1 65	2 00	2 00
Brass (for cupboards)	10	10	12	12
Ebony				
Apple wood				
Knobs: (per set)				
Mineral, best	8	8	8	10
Lav.	50	75	65	80
Hemlock	Not sold	17	31	40
Porcelain	30	10	25	30
Glass, solid	50	50	Not sold	50
Glass, silvered	Not sold	88	1 00	1 50
Bronze metal	75	50	50	3 00
Brass	100	50	1 00	3 00
Solder:				
Sheet Lead		8 1/2	7	6 1/2
Lead Pipe		8	6 1/2	6
Iron:				
I-Beams, up to and including 30 ft.	3 3-10	3 1-10	3 20	2 8-10
I-Beams, over 30 ft. 1, 1, 1 c. advance.	3 3-10	3 1-10	3 20	2 8-10
Channel Beams	3 3-10	3 1-10	3 20	2 8-10

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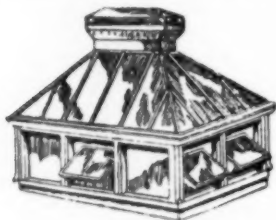
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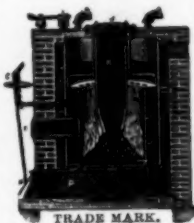
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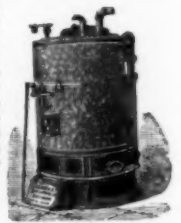
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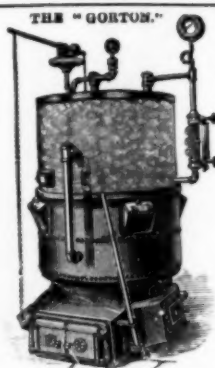
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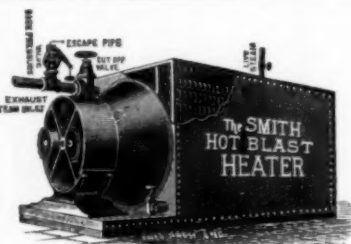


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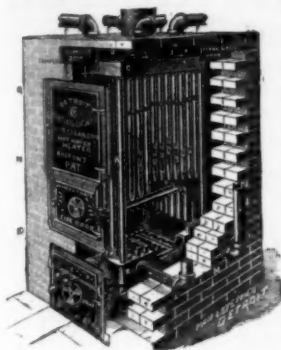


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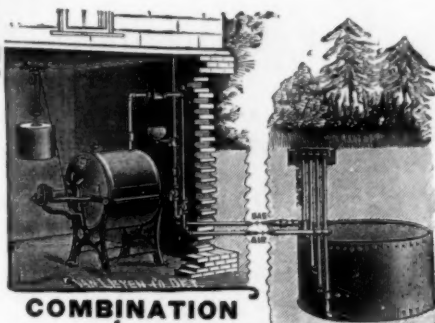


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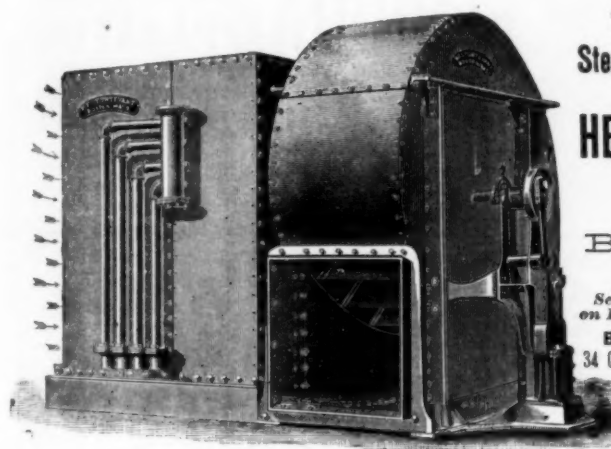
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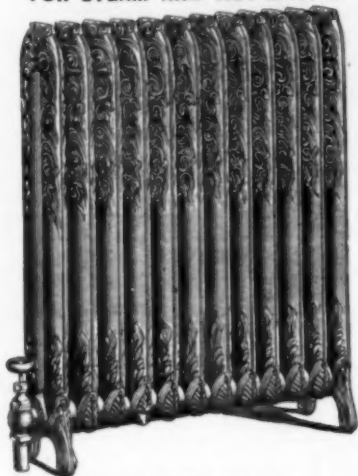
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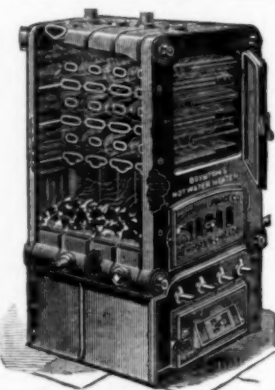
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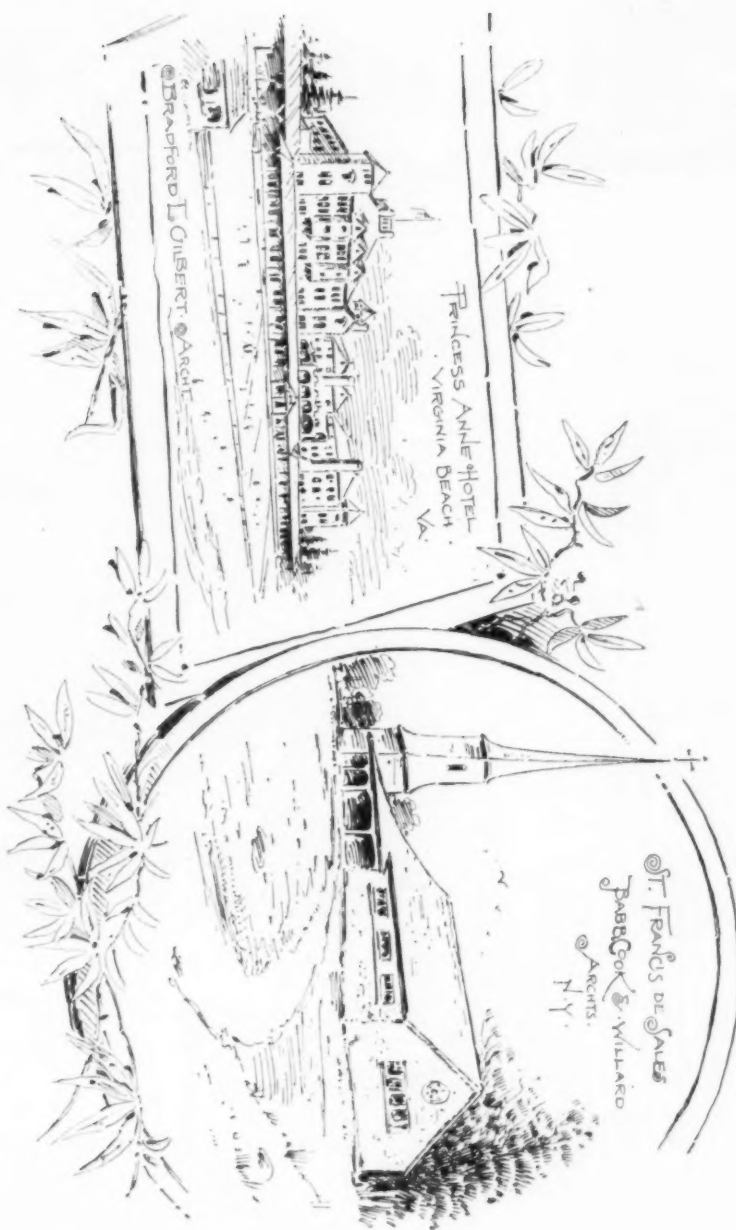
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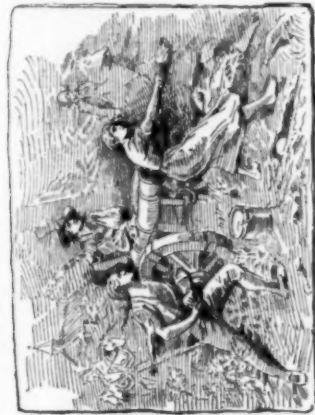
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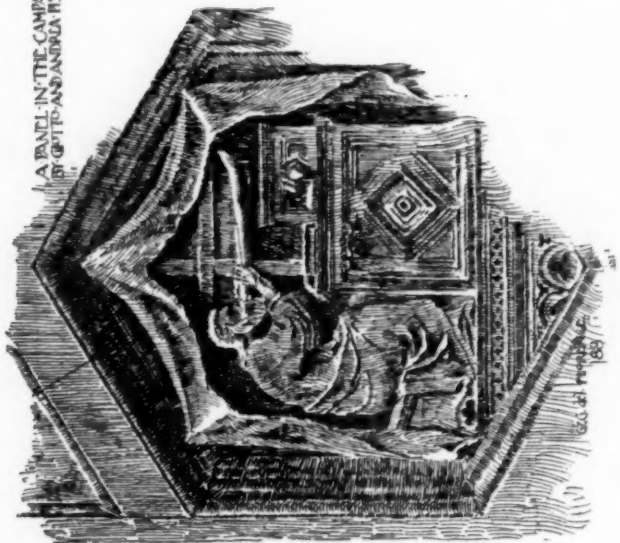
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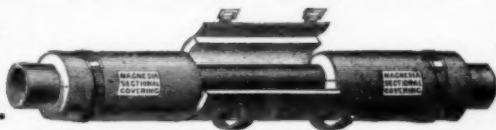
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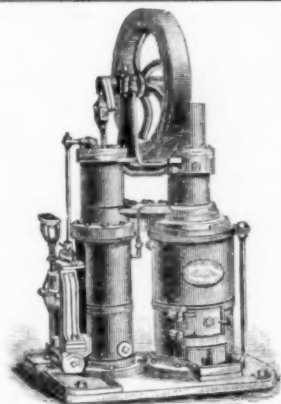
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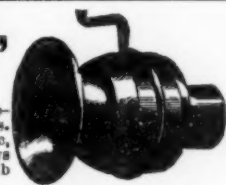
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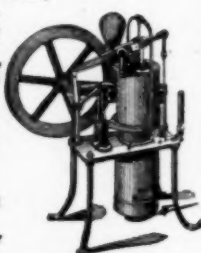
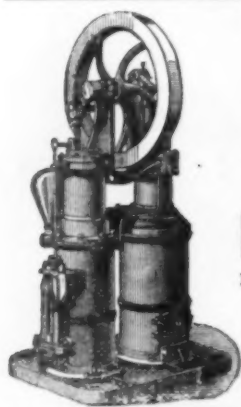
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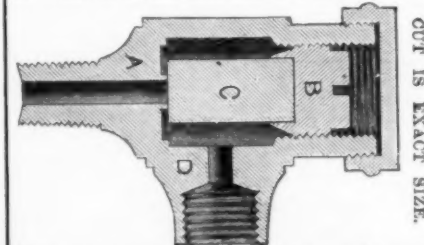
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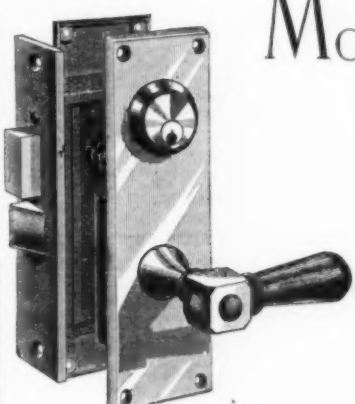
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New Advertisements.

YALE & TOWNE MFG. CO. (Stamford, Conn.), Artistic Hardware. Page xlii.
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W. H. MULLINS (Salem, O.), Sheet-Metal Ornaments. Page xlii.
GUASTAVINO FIREPROOF CONSTRUCTION CO. (New York, N. Y.), Fireproof Construction. Page xvii.
W. & J. SLOANE (New York, N. Y.), Linoleum. Page 4, Cover.

PERSPECTIVE DRAWING.

The American Architect Drawing-Office will undertake the preparation of perspective drawings in line or color from scale drawings, or will render drawings already in outline. Address the editors.

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DRAUGHTSMAN.—Wanted, a first-class architectural draughtsman, a good designer, able constructor and skilful perspective artist in color and ink; to a really satisfactory man we assure a permanent position and a good salary. Address, with particulars, ORR Bros. Lumber Exchange, Minneapolis, Minn. 776

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437,391. TRANSON-LIFTER.—Rudolph R. Buehler, Philadelphia, Pa.
437,411. DRAUGHTSMAN'S COMPASSES.—David S. Williams, Philadelphia, Pa.
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437,479. BATH-TUB AND WASH-STAND.—Walter S. Carpenter, Wilkesbarre, Pa.
437,484. SAFETY DEVICE FOR ELEVATORS.—William Deering, Louisville, Ky.
437,495. WATER-HEATING APPARATUS.—Warren Maltby and Joseph D. Wallace, Champaign, Ill.

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437,559. DOOR-CHECK.—Frederick F. Blandin, Racine, Wis.
437,572. ADJUSTABLE BENCH-VISE.—George H. Cole, Atlanta, Ga.
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437,739. SEWER-CONSTRUCTION.—George E. Waring, Jr., Newport, R. I.

BUILDING INTELLIGENCE.

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[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

ALTERATIONS.

Boston, Mass.—Washington St., cor. Devonshire St., add two stories to mercantile building; owners, heirs of Sally Henry; builders, J. S. Jacobs & Son.

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BUILDING INTELLIGENCE.

McLean Ct., cor. McLean St., Ward 8, additions and repairs to Boston Lying-In Hospital; builder, L. D. Willcutt.
Brooklyn, N. Y.—Fifth Ave., n w cor. Tenth St., three-sty brick store and dwell, tin roof, one-sty brick extension, tin roof, added and other alterations made; cost, \$3,000; owner, J. Quade, 310 Eleventh St.; architect, Wm. Ferris, 488 Fifth Ave.
Willoughby Ave., No. 323, two-sty brick coach-house, tin roof, raised one story and internal and other alterations made for the purpose of changing it into a dwelling; cost, \$4,000; owner, Elizabeth Hughes, 190 Franklin Ave.; architect, Edward Van Voorhis, 993 Kent Ave.
Chicago, Ill.—James Harley, two-sty addition, 198 Napoleon Pl.; cost, \$2,000.
James Lafrice, one-sty addition, 1016 West Eleventh St.
F. Conway, one-sty addition, 992 Thirty-second St.
J. Woodrich, one-sty addition, Seventy-sixth and Bloom Sts.
F. K. Spike, one-sty addition, 5632 State St.; cost, \$1,000.
Christ. Barse, two-sty addition, 845 West North Ave.
Mrs. M. Bahe, three-sty addition, 669-671 Van Buren St.; cost, \$7,000.
A. Campion, one-sty addition, 485 Marshfield Ave.; cost, \$2,200.
John Carl, addition, 1125 North Halsted St.
Peter Burke, two-sty addition, 11 Alexander St.; cost, \$1,600.
H. R. Meldstrups, one-sty addition, 930 Seymour St.
Wallace & Chase, one-sty addition, 6207 Wentworth Ave.
Minneapolis, Minn.—R. S. Goodfellow, alteration to store, 251 Nicolet Ave.; cost, \$5,000.
New York, N. Y.—New Chambers St., No. 70, five-sty brick tenement, internal alterations; cost, \$4,000; owner, Jonas Weil, 327 East Fifty-first St.; architects, Schneider & Herter, 48 Bible House.
East Fifty-seventh St., No. 3, four-sty brick dwell, extension and interior alterations; cost, \$6,000; owner, Orlando B. Potter, 3 East Fifty-seventh St.; architect, A. Belland, 38 Park Ave.
Lexington Ave., No. 562, five-sty brick dwell, extension; cost, \$16,000; owner, Jane A. Hurd, 962 Lexington Ave.; architects, Wooley & Brinkerhoff, 54 East Seventy-eighth St.

APARTMENT-HOUSES.

Boston, Mass.—Shawmut Ave., Nos. 111-115, Ward 16, five-sty brick apartments, flat roof, 45.10' x 46.7'; owners, W. Smith and J. L. Karkick; builder, A. T. West.
Chicago, Ill.—William R. Rinnie, two-sty flats, 7-6 Englewood St.; cost, \$1,200.
A. Wenschling, two-sty flats, 6329 May St.; cost, \$1,200.
M. Cohn, two-sty flats, 4845 Ashland Ave.; cost, \$7,000.
J. A. Wessel, two-sty flats, Sixty-third and Eberhart Sts.; cost, \$4,000.
Shelder & Cook, two-sty flats, Perry St., near Seventy-second St.; cost, \$8,000.
Hans Johnson, two-sty flats, 2400 Indiana St.; cost, \$1,200.
Hans Johnson, two-sty flats, 695 North Paulina St.; cost, \$3,500.
J. Roumarons, three-sty flats, 633 Twenty-first St.; cost, \$5,000.
Frank Philip, three-sty flats, 625 Twenty-first St.; cost, \$6,500.

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New York, N. Y.—Eighty-seventh St., s w cor. Madison Ave., six-sty brick flat, tin roof; cost, \$100,000; owners, Gulden & Carroll, 15 East Eighty-third St. and 1176 Lexington Ave.; architect, F. A. Minuth, 822 Broadway.

East Seventy-eighth St., No. 178, four-sty brick and stone flat; owners, Robert and Ogden Goellet; architects, Thom & Wilson.

West One Hundred and Twenty-sixth St., No. 158, four-sty brick and stone flat; owner, F. Hollander; architect, Hugo Kafka.

West Fifty-first St., Nos. 330-334, 2 five-sty flats; cost, \$70,000; architect, G. F. Pelham.

Eighty-first St., s w cor. Eighth Ave., 3 five-sty brick flats, mansard roofs; cost, \$135,000; owner, Patrick Dempsey, 137 East One Hundred and Nineteenth St.; architect, E. L. Angell, 94 Liberty St.

Eightieth St., n s, 100' w Ninth Ave., five-sty brick flat, tin roof; cost, \$35,000; owner, W. Eisenberg, 1053 Park Ave.; architect, John C. Burne, 1531 Third Ave.

Willis Ave., w s, 25' n One Hundred and Thirty-fifth St., 3 five-sty brick flats, tin roofs; cost, \$60,000; owner, George L. Ross, 719 East One Hundred and Forty-sixth St.; architect, John C. Burne, 1531 Third Ave.

Willett St., No. 120, five-sty brick flat, tin roof; cost, \$18,000; owners, Fay & Staocom, 337 Pleasant Ave.; architect, Charles Rentz, 153 Fourth Ave.

One Hundred and First St., n s, 350' w Columbus Ave., 2 five-sty brick flats, tin roofs; cost, \$40,000; owner, Henry S. Coats, 32 Warren St.; architect, Henry Davidson, 322 Ninth Ave.

Ninth Ave., 127' 80' n Eightieth St., five-sty brick flat, tin roof; cost, \$35,000; owner, Wm. Eisenberg, 1053 Park Ave.; architect, John C. Burne, 1531 Third Ave.

Fourth St., No. 36, five-sty brick flat, tin roof; cost, \$18,000; owner, Louvie & Parker, 115 East Eighty-ninth St.; architect, Charles Rentz, 153 Fourth Ave.

Madison Ave., s w cor. One Hundred and Seventh St., 4 five-sty brick flats, tin roofs; cost, \$100,000; owner, Hugh Brady, One Hundred and Sixth St. and Madison Ave.; architect, Edward Wenz, 1491 Third Ave.

Seventy-eighth St., s s, 150' w Third Ave., 4 five-sty brick flats, tin roofs; cost, \$84,000; owner, William C. Burne, 121 East One Hundred and Fourteenth St.; architect, John C. Burne, 1531 Third Ave.

CHURCHES.

Boston, Mass.—Quint Ave., off Brighton Ave., Ward 25, one-sty stone church, pitch roof, 100' x 108', for Allston Congregational Society; seating capacity of church and chapel, 1,000; cost, abt. \$55,000; builders, Woodbury & Leighton; architect, Eugene L. Clark, Boston.

Chicago, Ill.—Methodist Episcopal Church, church, Eberhart Ave.; cost, \$5,000.

Philadelphia, Pa.—Indiana Ave., n s e Fifth St., one-sty church; contractor, Benjamin Walker, 3953 Germantown Ave.

Fifty-seventh St., n w cor. Chestnut St., one-sty church; Wm. A. Arthur, Secretary, 5700 Market St.

FACTORIES.

Boston, Mass.—Fuller St., opp. Eriesson St., Ward 24, one-sty frame factory, pitch roof, 20.4' x 48.6'; owner and builder, G. D. Mansur.

Detroit, Mich.—W. E. Moloney, brick factory, 418 Howard St.; cost, \$3,000.

New York, N. Y.—West Forty-third St., Nos. 524-528, five-sty brick factory, News composition roof; cost, \$42,500; owner, John A. Weser, 423 West Forty-third St.; architect, J. J. Smith, 241 West One Hundred and Thirty-fifth St.

One Hundred and Thirty-fourth St., n s, 100' e Lincoln Ave., two-sty brick factory, tin roof; cost, \$15,000; owner, John H. Droge, 257 West Forty-third St.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

Tenth Ave., s w cor. One Hundred and Forty-third St., six-sty brick factory, tin roof; cost, \$60,000; owner, Isaac Kaufman, 186 West One Hundred and Thirty-first St.; architect, J. Averill Webster, 110 East One Hundred and Twenty-fifth St.

Philadelphia, Pa.—Thirty-seventh St., e s s Filbert St., four-sty factory; owner, C. W. Bunch, Jr., 422 North Forty-first St.

HOTELS.

Boston, Mass.—Huntington Ave., cor. Exeter St., Ward 11, seven-sty brick hotel, flat roof, 85.9' x

BUILDING INTELLIGENCE.

142'; owner, Fred Pope, trustee; builder, Fred Pope, Chicago, Ill.—O. H. Ahlgren, four-sty hotel, 54-56 Chicago Ave.; cost, \$35,000.

HOUSES.

Baltimore, Md.—Charles Milsko, 7 two-sty brick buildings, e s Collington Ave., bet. Fayette and Orleans Sts.

George W. Parks, 6 two-sty brick buildings, e s Pinkney St., s Cross St.

Boston, Mass.—Bushnell St. ext., near Rowena St., Ward 24, frame dwell., 27' x 37.6'; owner and builder, J. W. Nisbit.

Baxter St., No. 34, Ward 13, three-sty frame dwell., flat roof, 22' x 40'; owner, Mary Currie; builder, John Currie.

Chelsea St., No. 83, Ward 2, three-sty frame dwell., flat roof, 21.6' x 44'; owner, Mrs. Ann Gribbon; builder, J. C. Hamilton.

Neponset Ave., near Adams St., Ward 24, frame dwell., 17' x 57'; owner, J. J. Merrill; builders, Merrill Bros.

Minor St., near Brookline Ave., Ward 22, 2 three-sty brick dwell., flat roofs, 20' x 32' and 27.9' x 32'; owners, A. A. and E. M. Meyer; builder, A. A. Meyer.

Wigglesworth St., Nos. 31-35, Ward 22, 3 three-sty brick dwell., flat roofs, 20' x 40'; owner and builder, B. J. Connelly.

Harvard St., near Boston St., Ward 15, frame dwell., 24' x 60'; owners and builders, Collins & Ham.

Ruthven St., cor. Harold St., Ward 21, frame dwell., 24.6' x 31.6'; owner, David Connery; builder, G. J. Porter.

Elmore St., near Granger St., Ward 21, 2 three-sty frame dwell., flat roofs, 24' x 68.8'; owners, J. Foley and Thomas Crane; builder, J. C. Frame.

Ruskin St., near Corey St., Ward 23, two-sty frame dwell., hip roof, 32' x 33'; owner and builder, M. A. Blanchard.

Blaine Ave., near Braintree St., Ward 25, 3 two-sty frame dwell., hip roofs, 25' x 27'; owner, Samuel Hano; builder, J. Young.

Weldon St., near Walk Hill St., Ward 23, frame dwell., 32' x 46'; owner, Mr. Root; builders, Dams & Warner.

Mt. Hope St., near Jewett St., Ward 23, frame dwell., 22' x 30'; owner, Thomas Dolan; builders, Sittig Bros.

Chestnut Ave., near Mozart St., Ward 23, 3 three-sty frame dwell., and stores, flat roofs, 24' x 45'; owner and builder, J. W. Priesing.

Peters St., near Fairview St., Ward 23, frame dwell., 23.6' x 30'; owner, B. A. Clausmeyer; builders, Wentworth & Heath.

Park St., near Anawan Ave., Ward 23, frame dwell., 22' x 37'; owner, Frederick Frey; builder, W. S. Mitchell.

Perkins St., near Canterbury St., Ward 23, three-sty frame dwell., pitch roof, 18' x 26'; owner, Louise Beyer; builder, Frank Haven.

Seldon St., near Nelson St., Ward 24, two-sty frame dwell., hip roof, 30.6' x 31'; owner and builder, J. D. Bowers.

Lamartine St., No. 87, Ward 23, three-sty frame dwell., pitch roof, 24' x 45'; owner, Henry Hess; builders, Lemler & Wangler.

Commonwealth Ave., No. 199, Ward 11, four-sty brick dwell., flat roof, 52' x 60'; owner, J. A. Beebe; builders, McNeil Bros.

Old Harbor St., No. 116, Ward 15, three-sty frame dwell., flat roof, 22' x 43'; owner, Jeremiah Boyle; builder, P. F. Hanlon.

Julian Ave., near Howard Ave., Ward 20, frame dwell., 20' x 42'; owner, S. W. Call; builder, H. C. Barker.

Bower St., near Sherman St., Ward 21, 2 three-sty frame dwell., flat roofs, 22' x 40'; owner, J. F. Dempsey; builders, Cassidy & Davis.

Milton Ave., near Stockton St., Ward 24, frame dwell., 24' x 38'; owner and builder, J. F. Haddock.

Grant Ave., off Wilton St., Ward 25, 2 two-sty frame dwell., flat roofs, 21.7' x 70'; owner and builder, Samuel Hano.

Temple St., near Winslow St., Ward 23, frame dwell., 24' x 38'; owner, Minnie Vioretti.

Parier Hill Ave., near Tremont St., Ward 22, three-sty frame dwell., flat roof, 25' x 60'; owner, Delia F. Gilligan; builder, Valentine Bock.

Marshfield St. ext., Ward 20, frame dwell., 28' x 29'; owner, John Keegan; builder, M. Sullivan.

Brooklyn, N. Y.—Ashford St., 250' n Arlington Ave., two-sty frame dwell., tin roof; cost, \$4,000; owner,

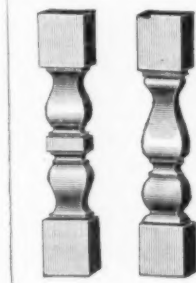
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C. B. Ensley, 183 Montague St.; architects, Danmar & Fischer, 2321 Atlantic Ave.

Ralph St., n s, 250' e Evergreen Ave., three-sty frame dwell., tin roof; cost, \$5,000; owner, Jacob Essig, Ralph St., bet. Central and Evergreen Aves.; architect, Charles Infanger.

Pacific St., s s, 100' e Rockaway Ave., 6 two-sty frame dwell., gravel roofs; cost, \$12,000; owner, R. W. Crane, 17 Willoughby St.

Cornelia St., s s, 390' e Bushwick Ave., 5 three-sty frame dwell., tin roofs; cost, \$4,500 each; owner, K. Dreyer, Sea Cliff, N. J.; architect, C. F. Naughton, 282 Hooper St.

Lorimer St., e s, 50' s Devos St., four-sty frame dwell., tin roof; cost, \$6,000; owner, Matthew Smith, 209 Lorimer St.; architect, Th. Engelhardt, 905 Broadway.

Bedford Ave., e s, 22' n Heyward St., four-sty brick dwell., with extension, tin roof; cost, \$10,000; owner, Mrs. Margaret Mulvihill, 835 Willoughby Ave.; architect, Herbert W. Billard, 99 Broadway.

Park Ave., s s, 175' w Sumner Ave., four-sty frame dwell., tin roof; cost, \$6,000; owner, Mr. Zimmerman, on premises; architects, D. Acker & Son, 752 Broadway.

Jefferson St., n s, 150' w Knickerbocker Ave., three-sty frame dwell., tin roof; cost, \$4,500; owner, John Hoffman, Jefferson and Evergreen Aves.; architects, D. Acker & Son, 752 Broadway.

Kane Pl., e s, 123' n Atlantic Ave., 3 two-sty frame dwell., tin roofs; cost, \$2,750 each; owner, Catharine Hill, 11 Gunther Pl.; architect, John E. Dwyer, 1540 Broadway.

Atlantic Ave., n e cor. Ocean Pl., 6 two-sty frame dwell., tin roofs; cost, \$2,500 each; owner, Catharine Hill, 11 Gunther Pl.; architect, John E. Dwyer, 1530 Broadway.

Chicago, Ill.—J. F. Powell, cottage, 471 Forest Ave. L. Kattinski, two-sty dwell., 3311 Wabash Ave.; cost, \$8,000.

Mrs. Edman, cottage, 10746 Hoxie Ave. Louis Mass, cottage, 834 Hoyne Ave.

M. Breeschert, cottage, 3838 North Clark St. R. A. Elder, 2 two-sty dwell., 1782-84 Oakdale St.; cost, \$6,000.

Henry Eusch, two-sty dwell., 3867 Clark St.; cost, \$4,000.

J. C. Masley, cottage, Thompson Ave. and Forty-seventh St.; cost, \$1,600.

Frank Olmstead, cottage, Thompson Ave. and Forty-seventh St.

Ed Graef, two-sty dwell., Fifty-fifth St. and Grand Trunk R. R.; cost, \$1,200.

A. B. Kerr, cottage, Logan and Emerald Sts. Katharine Kragck, cottage, Wood St., near Fifty-fifth St.

H. Denter, cottage, 3542 Hoyne Ave.; cost, \$1,100. Geo. A. Seaverns, cottage, 1335-1339 Richmond St.; cost, \$2,100.

George A. Seaverns, three cottages; cost, \$2,400. R. Kohn, two-sty dwell., 100 Jockay Ave.; cost, \$4,000.

Detroit, Mich.—Henry Lathrop, two-sty brick dwell., 160 First St.; cost, \$3,000.

John L. Miner, two-sty brick dwell., 793 Congress St., e; cost, \$4,500.

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P. Dederichs, three-sty brick dwell., 849 St. Aubine Ave.; cost, \$9,000.
Stephen Baldwin, two-sty brick dwell., 257 Willis Ave., e; cost, \$7,000.

George Kramer, two-sty double brick dwell., 188-190 Fort St., e; cost, \$3,700.

Henry Engelbert, two-sty brick dwell. and store, 1524 Michigan Ave.; cost, \$4,300.

Rogers & McFarland, two-sty brick dwell. and store, 528 Michigan Ave.; cost, \$4,500.

Minneapolis, Minn.—C. S. Chapman, two-sty frame dwell., 2305 West Twenty-first St.; cost, \$4,800.

George M. McGregor, 2 two-sty frame dwells., 316 West Lake St.; cost, \$10,000.

George M. McGregor, two-sty frame dwell., 2629 Girard Ave.; cost, \$4,500.

Delaney & Brannen, 3 two-sty frame dwells., 1701 Polk St., n e; cost, \$12,000.

New York, N. Y.—Ninety-second St., n s, 200' w Columbus Ave., 4 four-sty brick and stone dwells., cost, \$80,000; owners, Ferriter & Roselle; architect, G. F. Pelham.

Woolster St., e s, 120' n Houston St., six-sty brick dwell., tin roof; cost, \$60,000; owner, Patrick H. McManus, 324 West One Hundred and Fifteenth St.; architect, J. Averill Webster, 110 East One Hundred and Twenty-fifth St.

Ninety-second St., s s, 100' e Fifth Ave., 8 four-sty stone front dwells.; cost, \$120,000; owner and architect, Thomas Graham.

Eighty-seventh St., e s, 150' e Amsterdam Ave., 12 three and four sty brick dwells., tin roofs; cost, \$192,000; owner, Dr. Witt James, 11 Cliff St.; architect, John G. Prague, 1462 Ninth Ave.

Tenth Ave., e s, 40' n Twenty-first St., three-sty brick dwell., tin roof; cost, \$8,000; owner, Catharine Van Courtland Moore estate; leasee, O. Sullivan, 473 West Twenty-first St.; architect, Andrew Spence, 163 East One Hundred and Twenty-fifth St.

Eighty-second St., s s, 250' w Tenth Ave., 3 three-sty brick dwells., mansard, tin and slate roofs; cost, \$45,000; owner, Wm. E. D. Vincent, 309 West One Hundred and Thirty-sixth St.; architect, Wm. H. Baylan, 272 West One Hundred and Twenty-eighth St.

Eighty-fourth St., n w cor. Madison Ave., 6 four-sty brick dwells., tin roofs; cost, \$135,000; owner, Robert B. Lynch, Madison Ave. and Eighty-fourth St.; architect, John H. Duncan, 237 Broadway.

Eightieth St., n s, 140' 99' e Fifth Ave., four-sty brick dwell., mansard, tin and slate roof; cost, \$70,000; owner, Samuel C. Bachman, 116 East Eightieth St.; architect, F. A. Minnath, 822 Broadway.

West End Ave., w s, 50' n Eighty-eighth St., 3 three-sty brick dwells., tin roofs; cost, \$27,000; owner, R. G. Platt, 90 Lexington Ave.; architect, Clarence True, Eighty-eighth St. and Boulevard.

Philadelphia, Pa.—Fifty-fifth St., w s, n Jefferson St., 10 three-sty dwells; owners, Hunter & Noth, 540 Drexel Building.

Sixth St., s w cor. Ludlow St., two-sty dwell.; contractor, W. H. Webster, 919 Belmont Ave.

Menton St., s s, w Second St., two-sty dwell.; contractor, John Delefs, 721 North Thirteenth St.

Darien St., e s, n Montgomery Ave., 5 two-sty dwells.; owners, William Bartholomew & Son, 143 West Norris St.

Eight St., w s, n Montgomery Ave., 5 three-sty dwells.; owners, W. Bartholomew & Son, 143 West Norris St.

Thirteenth St., e s, s Tree St., 10 two-sty dwells.; owner, Samuel Chestnut, 1247 South Seventeenth St.

Moyamensing Ave., e s, s Emily St., 6 two-sty dwells.; owner, J. J. Cassidy, Moyamensing Ave. and McKean St.

Sixth St., e s, n Cambria St., 2 two-sty dwells.; owner, Louis Lambrecht, 2317 Orkney St.

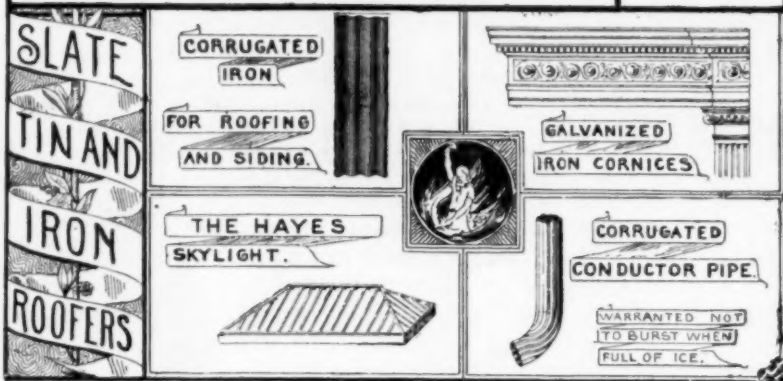
Lehigh Ave., w Ridge Ave., three-sty dwell.; contractor, Charles E. Bartle, Thirty-third St. and Lehigh Ave.

Moreland St., n s, w Thirty-first St., 2 three-sty dwells.; contractor, Wm. C. Mackie, Chestnut Hill.

Wakeling St., n s, e Frankford Ave., two-sty dwell.; contractor, R. Smith, 4633 Foulkrod St.

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Third St., e s, s Tioga St., 7 two-sty dwells.; owner, M. H. Tuft, 2004 Westmoreland St.

Solly St., e s, near E St., two-sty dwell.; contractor, Joseph Ashby, Fox Chase.

Hart Lane, n s, e Cambria St., 4 two-sty dwells.; owner, Jacob M. Peters, 2316 Pease St.

Nineteenth St., w s, n Dauphin St., 10 three-sty dwells.; owner, William Blair, 2050 Red St.

Powelson Ave., s s, cor. Forty-second St., 7 three-sty brick dwells.; Forty-second St., e and w s, bet. Powelson Ave. and Market St., 14 two-sty brick dwells.; Forty-second St., n w cor. Market St., three-sty brick dwell. and store; total cost, \$100,000; owner, John G. Ruff, 619 Cherry St.

Spruce St., No. 1925, four-sty dwell., Pompeian brick and Indiana limestone, tile roof; owner, Chas. H. Scott, Esq.

McKean St., s s, e Second St., 6 two-sty dwells.; owner, R. Moffett, 1912 East Second St.

Wilder St., e Fourth St., 10 two-sty dwells.; owner, W. H. Messick, 331 Tasker St.

Coral St., Nos. 2527-29, 2 two-sty dwells.; contractor, J. W. Snyder, 1829 East Somerset St.

Penn St., e s, s Iuan St., 2 two-sty dwells.; contractor, William Yelland, 4212 Frankford Ave.

Maple Ave., n s, w Sixty-first St., 6 two-sty dwells.; contractor, G. W. Steinmetz, Sixty-and-one-half and Hamilton Sts.

Hanson St., w s, s Paschall Ave., 11 two-sty dwells.; owner, W. S. P. Shields, 735 Walnut St.

Somerville, Mass.—Clarendon St., frame dwell., 23' x 28', with L, 12' x 16'; owner, Edward W. Woodley; builder, Albert S. Teel.

Elmwood St., frame dwell., 30' x 50'; owner, Lucinda L. Nichols; builder, Charles L. Nichols.

Oxford St., frame dwell., 24' x 29', with L, 14' x 18'; owners, Thomas A. Bent and W. Felch; builders, Johnson & Parker.

Harrison St., frame dwell., 24' x 35', with L, 10' x 18'; owner, Michael Fay; builder, James W. Connor.

Minor St., frame dwell., 20' x 25', with L's, 6' x 20' and 15' x 16'; owner, L. Roger Wentworth.

Bartlett St., frame dwell., 24' x 30', with L's, 3' x 20' and 3' x 18'; owner, W. F. Brodie; builder, Robert H. Colluppy.

Prospect St., near Oak St., frame dwell., 22' x 56'; owner, John Haley; builder, Colin Chisholm.

Cypress St., off Central St., frame dwell., 24' x 32', with L, 12' x 12'; owner and builder, John K. Abbott.

St. Louis, Mo.—Two-sty brick dwell.; cost, \$2,600; owner, E. Spoerl; contractor, E. A. Sanguinet.

BUILDING INTELLIGENCE.

Three-sty brick dwell.; cost, \$4,600; owner, Wm. Budeck; contractor, F. Voelpel.

Three-sty brick dwell.; cost, \$4,600; owner, P. Berger; contractor, F. Voelpel.

Three-sty brick dwell.; cost, \$2,800; owner, J. C. Frederitz; contractor, Wm. Herkenhoff.

Two-sty brick dwell.; cost, \$9,500; owner, A. Cabell; contractor, C. Frieling.

Three-sty brick dwell.; cost, \$5,500; owner, P. Daly; contractors, Geimer & Gizard.

Two-sty brick dwell.; cost, \$4,500; owner, P. Daly; contractors, Geimer & Gizard.

Two-sty brick dwell.; cost, \$7,000; owner, H. Dorste; contractor, F. Mueller.

Two-sty brick dwell.; cost, \$3,500; owner, W. H. Holman; contractors, Wamhoff & Kuemme.

Two-sty brick dwell.; cost, \$7,500; owner, Sam T. Bleyer; contractor, J. H. Keefe.

Two two-sty brick dwells.; cost, \$9,000; owner, Sam T. Bleyer; contractor, J. H. Keefe.

Two-sty brick dwell.; cost, \$2,500; owner, Hugh F. Bray; contractor, George A. Chapline.

Two-sty brick dwell.; cost, \$9,000; owners and contractors, R. W. Morrison & Co.

Three-sty brick dwell.; cost, \$20,000; owner, D. R. Wolfe; contractors, Kerr & Allen.

Two-sty brick dwell.; cost, \$5,000; owner, Mrs. L. W. Holloway; contractor, C. W. McFarland.

Two-sty brick dwell.; cost, \$10,000; owner, F. A. Cline; contractors, Grunewald & Wind.

Two-sty brick dwell.; cost, \$16,000; owner and contractor, A. Cooper.

OFFICE-BUILDINGS.

Boston, Mass.—Union Park St., No. 99, Ward 17, one-sty iron office and storage building, flat roof, 20' x 38'; owners, S. B. Morse est., C. J. Hayden, trustee; builders, Scott & Swinton.

Chicago, Ill.—If proposed enterprises are carried out, we will have some very good lists in the near future. Settlement of Fair site question seems to more definitely locate some building projects that were somewhat uncertain. There seems to be no important change in prices, the daily variations being small and of no great importance.

M. E. Wendell, five-sty office and warerooms, 405 Fifth Ave.; cost, \$14,000.

Philadelphia, Pa.—Huntingdon St., w Fifteenth St., office, shop and coach-house; owners, General Omnibus Co., Fifteenth and Huntingdon Sts.; contractor, A. M. Green.

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STABLES.

Boston, Mass.—Stanley St., foot of Sunset Circle, Ward 24, one-st'y frame stable, pitch roof, 26' x 30'; owner, Daniel F. Holmes.

East Fifth St., near M St., Ward 14, one-st'y brick stable, mansard roof, 31' x 43'; owner, Albert Bencks; builder, W. T. Eaton.

Minor St., near Brookline Ave., Ward 22, two-st'y brick stable and storage, flat roof, 30' x 40'; owners, A. A. and E. M. Meyer; builder, A. A. Meyer.

Ward St., No. 9, rear, Ward 22, one-st'y frame stable, flat roof, 20' x 60'; owner, Bates College; builder, G. D. Mitchell.

Chicago, Ill.—William Pottis, barn, Alexander Ave. and M. & St. R. R.

Fred Moma, three-st'y livery-barn, 4046 Ogden Ave.; cost, \$5,000.

John E. Passmore, two-st'y barn, 32 York St.; cost, \$1,500.

William Dooney, barn, 1090 North Leavitt St.

New York, N. Y.—Seventy-seventh St., s. s. 140' w Amsterdam Ave., three-st'y brick stable, tin roof; cost, \$15,000; owner, Meyer Gugenheim, 36 West Seventy-seventh St.; architect, R. Napier Anderson, 74 Fifth Ave.

Philadelphia, Pa.—Wingohocking Ave., w. s. s. Unity St., two-st'y stable; owners, Osborne Bros., Cherry St., ab. Harrison St.

Saxton St., s. s. w. Richmond St., two-st'y stable; owner, A. Benner, 3161 Richmond St.

Lancaster Ave., s. s. w. Thirty-seventh St., two-st'y stable and store; contractors, A. J. Mosley & Son, Fifty-first St. and Florence Ave.

Marsh St., rear 2829 Germantown Ave., one-st'y stable; owner, Eva Gartling, 2829 Germantown Ave.

Grape St., n. e. cor. Blair St., two-st'y stable; owner, George A. Whitworth, 4830 Blair St.

Carlisle St., e. s. s. Jefferson St., two-st'y stable; owner, Jas. Caven, 1611 Green St.

Thirty-first St., s. e. cor. Ridge Ave., one-st'y stable, etc.; contractor, Chas. Aucher, 1523 North Twenty-seventh St.

North Twenty-sixth St., Nos. 1241-43, two-st'y stable; owner, John Dougherty, 1241 North Twenty-sixth St.

BUILDING INTELLIGENCE.

North Twenty-sixth St., Nos. 1239-39, two-st'y stable; owner, William Peoples, 1246 West College Ave.

Nineteenth St., n. w. cor. Pierce St., one-st'y stable; owner, C. Kelly, 1825 Fernon St.

West College Ave., No. 1238, two-st'y stable; contractor, R. B. Clark, Twenty-ninth St. and Park Terrace.

Natrons St., w. s. n. Columbia Ave., one-st'y stable; contractor, John Knealy, 875 Taney St.

Dauphin St., w. s. e. Franklin St., two-st'y stable; contractor, Henry G. Schmetze, 2633 Germantown Ave.

Hunting Park Ave., No. 2121, two-st'y stable; owner, Charles Schidell, on premises.

Spring Garden St., n. w. cor. Warren St., two-st'y stable; owners, Nicholson & Michaelson, Fortieth and Green Sts.

Rockland St., No. 3523, two-st'y stable; contractor, N. D. Dougherty, 3826 Spring Garden St.

Penn. St., n. e. cor. Pechin St., two-st'y stable; owner, Charles C. Taylor, on premises.

North Ninth St., No. 3545, two-st'y stable; owner, Anton Amann, 3545 North Ninth St.

Twenty-third St., w. s. n. Columbia Ave., two-st'y stable; contractor, Samuel Geissinger, 2218 Jefferson St.

Somerville, Mass.—Elmwood St., frame stable, 20' x 28'; owner, Lucinda I. Nichols; builder, Charles L. Nichols.

Chandler St., frame stable for two horses, 20' x 30'; owner, Direxia E. Mead.

Rush St., frame stable, 20' x 20'; owner, Sarah M. Wiswell; builder, James Frazier.

STORES.

Boston, Mass.—Cambridge St., Nos. 401 and 413, Ward 25, 2 one-st'y frame stores, flat roofs, 39' x 51.1' and 38' x 54'; owner and builder Samuel Hano.

(Continued on page xviii.)

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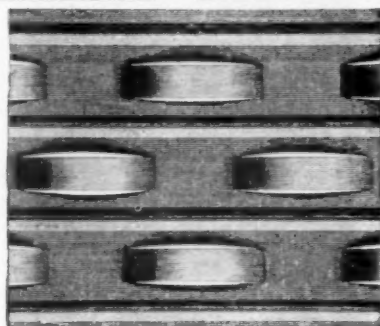


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Brooklyn, N. Y. — *Butler St.*, n e cor. Roger Ave.,
three-st'y brick store and dwell., tin roof; cost,
\$11,000; owner, John Freeman, Classon Ave. and
Butler St.; architect, Carl F. Eisenach, 59-61 Court
St.

Howard Ave., s e cor. Madison St., four-st'y brick
store and dwell., tin roof; cost, \$12,000; owners and
architects, Moores & Le Quesne, 1460 Broadway.

Bushwick Ave., s w cor. Hancock St., 3 three-st'y
brick stores and dwells., tin roofs; cost, \$20,000;
owner, R. E. McCafferty, on premises; architect, B.
O'Rourke, 192 Broadway, New York.

Butler St., n e cor. Third Ave., four-st'y brick
store and dwell., tin roof; cost, \$10,000; owner,
Wm. I. Conway, Union St. and Fifth Ave.

Tompkins Ave., s w cor. Vernon Ave., four-st'y
brick store and dwell., tin roof; cost, \$20,000; owner,
Thomas Walling, on premises; architect, F. B.
Langston, 1225 Bedford Ave.

Broadway, n e cor. Covert St., four-st'y brick
store and dwell., tin roof; cost, \$50,000; owner,
P. Johnson, 55 Kossuth Pl.; architect, F. Holm-
berg, 1161 Broadway.

Humboldt Ave., s w cor. Harman St., 5 three-st'y
frame stores and dwells., tin roofs; cost, \$18,000;
owner, George Covert, Willoughby and Lewis

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Ave.

Van Cott Ave., n s, 25' e Eckford St., 2 three-st'y
frame stores and dwells., tin roofs; total cost, \$9-
500; owner, Leopold Michel, 171 Graham Ave.; archi-
tect, Henry Vollweiler, 486 Hart St.

Navy St., 61' n Myrtle Ave., 2 five-st'y brick
stores and dwells., tin roofs; cost, \$12,000 each;
owner, Henrietta Flak, 788 Quincy St.; architect,
Clarence Lincoln, 388 Jefferson Ave.

Morgan Ave., w s, 29' from s w cor. Harrison Pl.,
three-st'y frame store and dwell., tin roof; cost,
\$4,500; owner, K. Steininger, 13 Gratton St.

Chicago, Ill. — *W. G. Meek*, 2 two-st'y stores and
flats, 5668-70 School St.; cost, \$11,000.

C. E. Bellen, two-st'y store and flats; cost, \$1,600.
Mrs. Jane Dugan, four-st'y store and flats, 265-
267 Milwaukee Ave.; cost, \$16,000.

John Berry, 6 four-st'y stores and flats, 1393-1403
West Twelfth St.; cost, \$75,000.

Fred Seaman, store, 633 Lincoln Ave.; cost,
\$1,300.

Dombay & Mimmick, three-st'y stores and flats,
Seventy-ninth and Wright Sts.; cost, \$21,000.

Charles Heck, four-st'y store and flats, 148 Curtis
St.; cost, \$10,000.

W. S. Johnson estate, 6 five-st'y stores and flats,
232-242 Wells St.; cost, \$70,000.

BUILDING INTELLIGENCE.

Philadelphia, Pa. — *Dickinson St.*, s s, w Twenty-
second St., two-st'y store and dwell.; owner, Jno.
Devlin, 2311 Lombard St.

Twenty-second St., w s, two-st'y store and dwell.;
owner, Jno. Devlin, 2311 Lombard St.

TENEMENT-HOUSES.

New York, N. Y. — *West Fifty-fourth St.*, No. 507,
four-st'y brick tenement, tin roof; cost, \$14,000;
owner, George Anthan, 826 Tenth Ave.; architect,
James W. Cole, 403 West Fifty-first St.

One Hundred and Thirty-third St., s s, 400' w
Seventh Ave., 3 five-st'y brick tenements, tin roofs;
cost, \$42,000; owner, John A. Webster, 314 West
One Hundred and Thirty-third St.; architect, J.
Averill Webster, 110 East One Hundred and Twenty-
fifth St.

Seventieth St., n s, 225' w Avenue A, 2 five-st'y
brick tenements, tin roofs; cost, \$28,000; owner,
Thomas McMahon, 5 Fulton Pl.; architect, John C.
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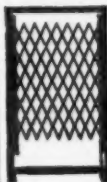
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buildings; contractor, John Heber, 2673 Frankford
Ave.**PROPOSALS.**October 14, 1890. Sealed proposals will be received
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Department, Washington, D. C., until 2 o'clock p. m.
on the 5th day of November, 1890, for furnishing all
labor and material required for the erection and com-
pletion of the United States Custom-house and Post-
office building at New Bedford, Mass. (except heating
apparatus and approaches), in accordance with draw-
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dred and Thirty-first St., two-st'y brick storage-
warehouse, gravel roof; cost, \$5,000; owner, City of
New York; architect, Andrew Spence, 163 East One
Hundred and Twenty-fifth St.**MISCELLANEOUS.**Arlington, Mass. - Arlington Ave., public library,
55' x 104' (gift of Mrs. M. C. Robbins); builders, B. D.
Whitman & Co. and Lyman D. Wilcutt; architects,
Cabot, Everett & Mead, Boston.Boston, Mass. - Mt. Vernon St. ext., Ward 24, two-
st'y brick engine-house and pump-room, arched
roof, 45' x 64'; owners, Bay State Gas Co.; builder,
J. Smith.Essex St., cor. Brighton Ave., Ward 25, one-st'y
brick engine-house, flat roof, 26' x 78'; owners, B.
& A. R. R. Co.; builder, I. G. Wheeler.Malden St., near Albany St., Ward 17, one-st'y
iron mechanical building, flat roof, 20' x 40'; owner
and builder, J. J. McNutt.Brooklyn, N. Y. - Garfield Pl., n. s. 97' w Seventh
Ave., four-st'y brick storehouse for furniture and
carriages, tin roof; cost, \$4,000; owner, Edward
Mowbray, Carroll St., near Sixth Ave.Mott St., s. s. 150' w Bushwick Ave., three-st'y
brick home for the Aged and Infirm, tin roof; cost,
\$13,000; owner, Evangelical Home Society, Fairfax
St. and Bushwick Ave.; architect, Th. Engelhardt,
305 Broadway.Chicago, Ill. - John Eisner, three-st'y cooper's shop,
Kedzie and Curtis Sts.; cost, \$10,000.
John Kirching, one-st'y shop, Ashland Ave. and
Forty-sixth St.E. E. Gray, foundation, 1922 Belmont Ave.; cost,
\$1,000.
M. Stack, foundation, 6 Samuel St.**BUILDING INTELLIGENCE.**Johnson & Co., grain elevator, Baker St. and
Wabash R. R.; cost, \$7,000.Calumet Electric R. R. engine-house, Stony Island
Ave. and Ninety-fourth St.; cost, \$3,000.Philadelphia, Pa. - Woodland Ave., two-st'y back
building; contractors, Nutt & Worthington, 1308
Wallace St.School Lane, two-st'y back building; contractor,
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PROPOSALS.

ing the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Erection and Completion of the United States Custom-house and Post-office building at New Bedford, Mass.," and addressed to JAS. H. WINDRIM, Supervising Architect.

October 14, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 31 day of November, 1890, for all the labor and materials required for the plumbing and gas-piping for the United States Post-office building at Dayton, Ohio, in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time herein stated for the opening of the same; also, bids which do not comply strictly with all the requirements of this invitation. Each proposal must be enclosed in an envelope sealed and marked "Proposal for the Plumbing and Gas-piping for the United States Post-office, etc., at Dayton, Ohio," and addressed to JAS. H. WINDRIM, Supervising Architect.

October 13, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 6th day of November, 1890, for furnishing all the labor and materials required for the erection and completion (except heating apparatus) of the United States Post-office building at Lancaster, Pa., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$500. The Department will reject all bids received after the time fixed for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Bids must be enclosed in an envelope sealed and marked "Proposal for the Erection and Completion (except Heating Apparatus) of the United States Post-office building at Lancaster, Pa.," and addressed to JAS. H. WINDRIM, Supervising Architect.

October 4, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 26th day of October, 1890, for the erection and completion (except heating apparatus) of the United States Post-office building at Sedalia, Mo., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Sedalia, Mo. Each bid must be accompanied by a certified check for \$500. The Department will reject all bids received after the time fixed for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Bids must be enclosed in an envelope sealed and marked "Proposal for the Erection and Completion (except Heating Apparatus) of the United States Post-office building at Sedalia, Mo.," and addressed to JAS. H. WINDRIM, Supervising Architect.

PROPOSALS.

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Estimates will be received at the office of the Plymouth County Commissioners in Plymouth, Mass., up to noon, Monday, October 20, for the construction of the new Court-house in Brockton. All bids to be addressed to the Plymouth County Commissioners, accompanied by a certified check for \$500, to be sealed and endorsed "Proposal for New Court-house."

The Commissioners reserve the right to reject any or all proposals.

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Per order of Board of Commissioners.

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J. WILLIAMS BEAL, Architect.

774

October 4, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 21st day of October, 1890, for all the labor and materials required for the erection and completion of the main building and boiler-house building for the United States Immigration Depot at Ellis Island, New York Harbor, in accordance with drawings and specification, copies of which may be had on application at this office or the office of the Superintendent of Repairs, Public Buildings, New York, N. Y. Each bid must be accompanied by a certified check for \$1,000. The Department will reject all bids received after the time fixed for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for Main Building and Boiler-house building for the United States Immigration Depot at Ellis Island, New York Harbor," and addressed to JAS. H. WINDRIM, Supervising Architect.

October 3, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 17th day of October, 1890, for all the labor and material required for the excavation, concrete foundations, stone and brick work of the basement and area walls of the United States Post-office, etc., building at Scranton, Pa., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Scranton, Pa. Each bid must be accompanied by a certified check for \$500. The Department will reject all bids received after the time herein stated for the opening of the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Excavation, Concrete Foundation, Stone and Brick Work for the Basement and Area Walls of the United States Post-office, etc., at Scranton, Pa.," and addressed to JAS. H. WINDRIM, Supervising Architect.

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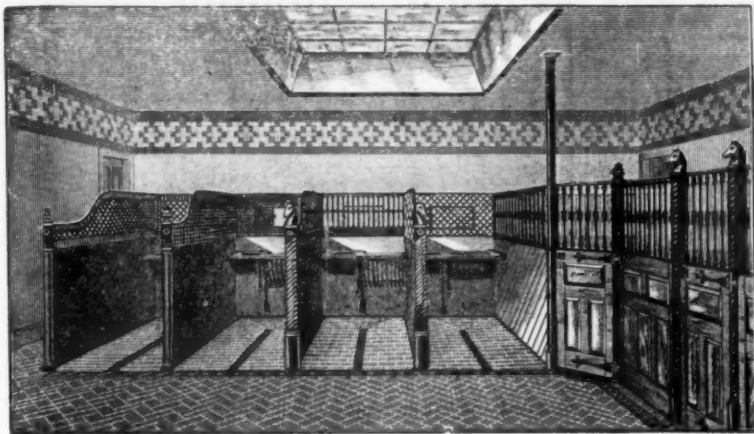
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[See Alphabetical Index on page VII for Pagination.]

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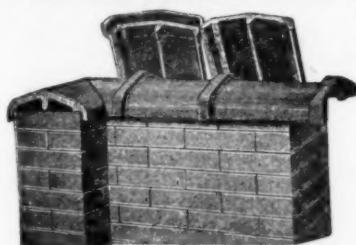
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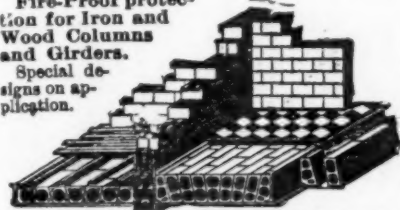
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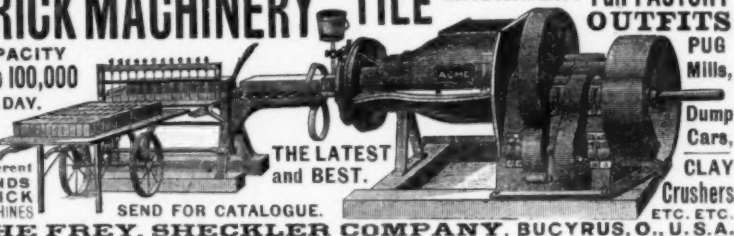
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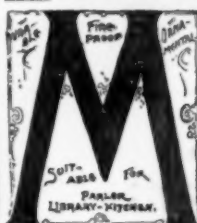
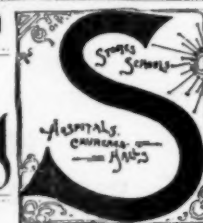
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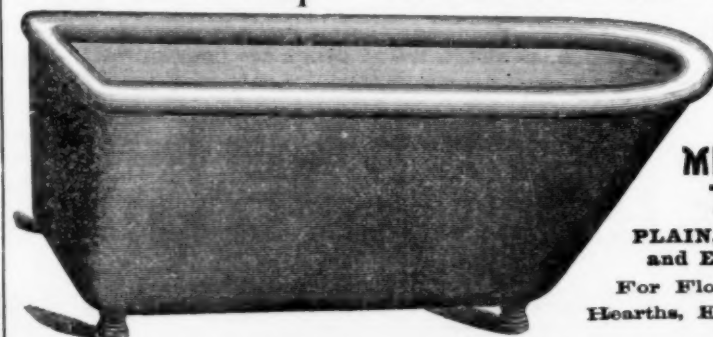
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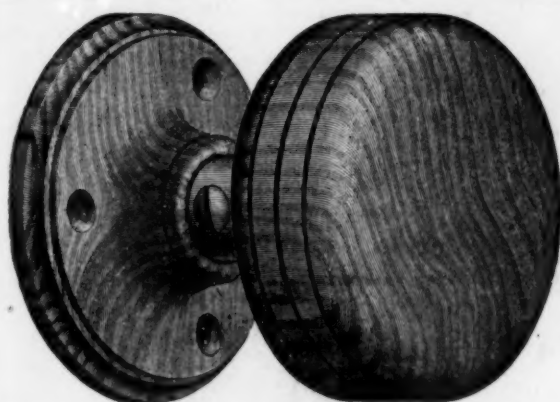
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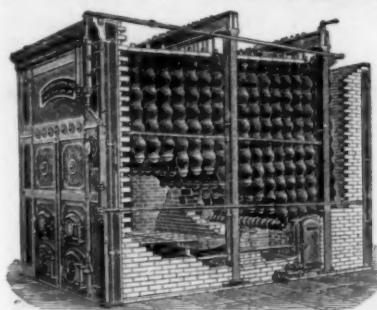
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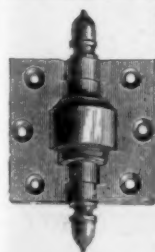
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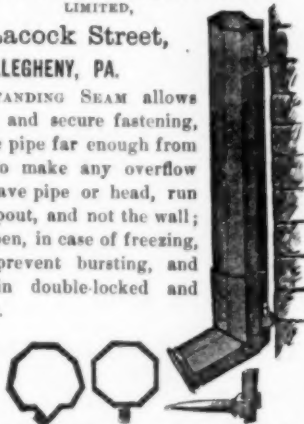
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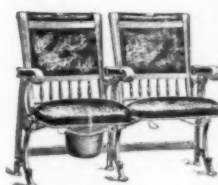
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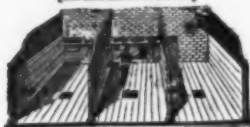
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BRICK.—P. M.				
Common: Cargo afloat.				
Pale.....	3 25 @ 3 50	Eastern.....	Building Brick	Sq. Hard @ 9 00
Jersey.....	4 75 @ 5 75	9 00 @ 10 00	@ 6 50	" @ 7 00
Long Island.....	6 00 @ 6 50	Bay State Hard		Salmon @ 5 00
Up River.....	5 50 @ 6 00	9 00 @ 10 00		Sq. " @ 1 00
Haverstraw Bay 2nd.....	6 00 @ 6 25	Domestic Com.	Indiana Pressed	Light Stretchers
" 1st.....	6 25 @ 6 75	9 50 @ 10 00	14 00 @ 20 00	" @ 10 00
Hollow.....	13 00	Domestic Face	St. Louis Fronts	Medium " @ 12 00
Fronts.....		20 00 @ 22 00	@ 27 00	Red " @ 13 00
Croton, Brown.....	14 00 @ 15 00	Philadelphia.....		Dark " @ 13 00
" dark.....	15 00 @ 16 00	40 00 @ 45 00		Frosted @ 13 00
" red.....	15 00 @ 16 00	Phila. mould		18 00 @ 20 00
Chicago pressed (Anderson).....		50 00 @ 50 00		Best Paving
Chicago Moulded.....				" @ 14 00
Baltimore.....	7 00 @ 41 00	Anderson		Third " @ 13 00
Philadelphia.....	@ 22 00	14 00 @ 32 00		Dom. " @ 65
Trenton.....	@ 22 00			@ 85
Milwaukee.....				
Moulded:				
Glens Falls Red Pressed.....	@ 37 00			
" " Buff.....	@ 38 00			
" " Moulded Red & Buff.....	45 00 @ 70 00			
Enamelled: Imp.				
Enam. (ed edge).....	85 00 @ 100 00			
Enam. (ed edge and end).....	90 00 @ 115 00			
CEMENT, LIME, etc.—(P. M.)				
Rosendale Cement.....	90 @ 1 00			
Louisville.....		1 20 @ 1 40		
Utica, Akron, Buffalo, Milw'kee.	Not sold.	Brooks, S. & Co		
Portland, English (Gibbs).....	2 50 @ 3 00	2 60 @ 3 00	1 05 @ 1 30	BS & Co 275 @ 300
" (K. B. & S.).....	2 50 @ 3 00	2 60 @ 3 00	1 00 @ 1 25	2 85 @ 3 25
" " Black Cross.....	2 25 @ 2 50	2 60 @ 3 00	2 75 @ 3 25	2 85 @ 3 15
" " (Burham).....	2 50 @ 2 80	2 60 @ 3 00	3 00 @ 3 25	2 75 @ 3 00
" " (White's).....	2 65 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" French (Lafarge).....	3 60 @ 3 75	2 90 @ 3 00	2 90 @ 3 15	2 75 @ 2 85
" German (Alsen).....	2 90 @ 3 25	3 00 @ 3 50	3 00 @ 3 25	
" " (Fowler).....	2 25 @ 2 40	3 15 @ 3 35	3 75 @ 4 25	Hemmoor
" " (Vowohler).....	2 50 @ 2 90	Cleopatra	3 20 @ 3 40	2 50 @ 2 75
" " (Lagerdorff).....	2 90 @ 3 25	2 55 @ 3 00	2 75 @ 3 00	2 75 @ 2 85
" " (Dyckerhoff).....	2 50 @ 3 00	3 00 @ 3 50	3 25 @ 3 50	Josson
" " (Hanover).....	2 35 @ 2 85		Not sold.	2 60 @ 2 75
" " Stettin, (Anchor).....	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	3 00 @ 3 25
" American (Saylor's).....	2 75 @ 3 00		Not sold.	2 75 @ 2 85
Roman.....	5 75 @ 6 50		2 75 @ 3 00	2 70 @ 3 00
Keene's coarse.....	9 25 @ 10 25		2 75 @ 3 25	3 00 @ 3 50
" superline.....			6 00 @ 7 00	6 50 @ 7 00
Lime:			9 @ 10 50	8 00 @ 9 00
Lime of Tel.....	3 50 @ 4 00			
Hydraulic Lime.....	@ 1 45			
Chicago Lime in bulk.....		1 35		
Wisconsin.....	@ 1 00	St. John 1 00		
Rockland and Rockport, (Com.).....	@ 1 20	@ 1 05		
Kelley Island Lime, finish.....	@ 1 20	@ 1 10		
State, com. cargo rates (nom.).....	@ 85			
State, finishing.....	@ 1 10			
Plaster of Paris (calcined).....	1 20 @ 1 25			
" (casting).....	1 30 @ 1 35			
Hair (Cattle) & bush.....	12 @ 15			
" (Goat).....	22 @ 25			
Sand, & load.....	1 00 @ 1 25			
STONE. (P cubic foot, rough.)				
Granite: (Maine).....				
Limestone:				
Bedford.....	45 @ 1 25			
Joliet.....	@ 1 00			
Lemont.....	@ 1 00			
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Mortar Colors.				
Black, brown, buff	2 1/2			
Colorful	2 1/2			
Red	3			
White	1 75			
Foundation:				
Dimension		5 00	20	5 00
Block		4 00		
Rubble		1 25	8 50	1 45
Bluestone: (per sq. ft.)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 25
Placed	50 @ 6 00		50 @ 1 00	37 @ 50
Sandstone:				
Longmeadow	80	80 @ 90		95 @ 1 16
Kibbe	90	90 @ 1 10		1 05 @ 1 35
Brown (Connecticut)	1 00	1 25 @ 1 45	1 50 @ 1 50	
Amherst	90 @ 95	90 @ 1 00	45 @ 50	55 @ 1 00
Berea	75 @ 1 00	85 @ 90	45 @ 55	
Berlin	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	1 25	
New Brunswick (Dorchester)	1 00	75 @ 90		1 10 @ 1
Caen				1 00 @ 1
Carlisle, English	1 05	1 05		1 25 @ 1
Corse Hill (Scotch)	1 05	1 05		95 @ 1
Marble: (per cu. ft.)				
Lee, Mass.		1 75 @ 2 50	Not sold.	2 00 @ 2 50
Rutland, white and blue		3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	2 00	3 50 @ 6 00	1 70 @ 3 00
Glens Falls, black			Not sold.	4 00 @ 4 50
Italian, blue-veined			Not sold.	2 50 @ 2 75
"Sienna			Not sold.	4 00 @ 6 00
Tennessee, red			Not sold.	3 00 @ 4 00
"Knoxville			Not sold.	2 00 @ 3 00
Pennsylvania, blue			Not sold.	2 25 @ 3 00
Vermont, white			3 50 @ 6 00	
Slate: Roofing (per square)				
green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 80 @ 3 00
"unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
red	4 25 @ 4 75	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
black, Lehigh			6 25 @ 8 55	3 25 @ 4 00
"Chapman			7 30 @ 8 00	4 00 @ 4 65
Unfading Black, Monson, Me.	5 50 @ 8 00	5 50 @ 8 0	6 00 @ 9 00	5 50 @ 8 00
Tile, Am.			Not sold.	6 00 @ 6 75
N. Peach Bottom, warranted unfading				
PAINTS. (In oil, per lb.)				
White lead, Am.	7 @ 7 1/2	7 @ 7 1/2	6 1/2 @ 7	7 1/2
"Zinc	5 @ 5 1/2	5 @ 5 1/2	7 @ 10 1/2	7 1/2
Red lead, Am.	6 1/2 @ 7	6 1/2 @ 7	6 1/2 @ 7	7 1/2
"Venetian	65 @ 10 1/2	72 @ 12	14 @ 2 1/2	7 1/2
"Vermilion	65 @ 70	72 @ 75	65 @ 68	7 1/2
Red Indian, Eng.	12 @ 20	12 @ 20	12 @ 20	7 1/2
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	1 1/2
"Chrome	12 @ 20	18 @ 25	15 @ 25	1 1/2
Green (chrome)	8 @ 13	8 @ 20	8 @ 20	2 1/2
Green, Paris	25 @ 40	25 @ 40	18 @ 35	15 @ 20
Black, lamp	15 @ 25	15 @ 25	8 @ 30	8 @ 12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	10 @ 24
Oil, linseed, (raw)	58 @ 62	61 @ 62	57 @ 60	60 @ 60
"boiled	61 @ 65	64 @ 65	61 @ 63	6 @ 6
Turpentine	40 @ 41	40 @ 46	51 @ 51	44 @ 44
Varnish, coach		1 50 @ 6 00	1 25 @ 2 00	1 25 @ 3 00
Shellac		2 50 @ 3 00	2 25 @ 4 00	1 50 @ 3 00
Putty	2 @ 2	2 @ 4	62 @ 0 2 1/2	2 @ 2 1/2
Whiting	75 @ 1 00	1 @ 1 1/2	1 @ 1 1/2	1 @ 1 1/2
Paris white, (Eng.)	1 30 @ 2 00	2 @ 3	1 1/2 @ 2	1 1/2 @ 2
Litharge, Am.	6 1/2 @ 6	7 1/2 @ 7 1/2	6 1/2 @ 7	1 1/2 @ 1 1/2
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	4 @ 14
Umber	14 @ 20	14 @ 20	2 @ 16	2 @ 13
HARDWARE.				
Nails: (Per Cask.) Spikes, (wrought.)	@ 2 85		2 75 @ 3 00	pr kg @ 2 25
10d. common	@ 2 60	@ 2 30	@ 2 35	@ 2 30
Shingle	@ 3 35	@ 2 40	@ 2 75	@ 2 60
Lath	@ 4 85	@ 3 60	@ 3 65	@ 4 75
Finishing nails according to size.			Add .85 to \$1.15	per lb @ 4 @ 6
(For casing nails add 75c. per keg.)			".50 to .90	Add pr cask
Butts: 4" x 4" (per doz. pairs)				2 90 (all kinds.)
Plain	@ 1 00	@ 1 20	@ 90	
Japaned	@ 1 50	@ 1 75	Not sold.	1 25 @ 2 00
Acorn, Japaned	@ 1 50	@ 1 90	2 00 @ 3 75	1 35 @ 2 75
Ball Tip, Boston Finish (per pair)	@ 65	@ 50	Not sold.	48 @ 50
Bronze metal	@ 1 90	plain @ 1 65	2 00 @ 3 25	1 25 @ 1 00
Brass (10" supboards)	@ 10	@ 10	@ 12	37 @ 1 00
Ebony				
Apple wood				
Knobs: (per set.)				
Mineral, best	@ 8	@ 8	8 @ 10	Not sold.
Lava	@ 50	@ 75	65 @ 80	25 @ 50
Hemlock	Not sold	17 @ 33	31 @ 40	
Porcelain	@ 90	@ 50	25 @ 30	
Glass, solid	Not sold	@ 100	Not sold.	1 00 @ 2 50
Glass, silvered	Not sold	85 @ 1 00	@ 1 50	1 75 @ 2 00
Bronze metal	75 @ 2 00	50 @ 3 00	50 @ 3 00	50 @ 3 50
Brass	1 00 @ 2 50	50 @ 3 00	1 00 @ 3 00	75 @ 1 25
Solder:				
Sheet Lead		@ 8 1/2	@ 7	13 1/2 @ 16
Lead Pipe		@ 8	@ 6 1/2	6 @ 6
Iron:				
I-Beams, up to and including 30 ft.	\$ 8-10 @ 3 1/2	@ 3 1-10		@ 2 8-10
I-Beams, over 30 ft. 1, 2, 3 c. advance.	\$ 8-10 @ 3 1/2	@ 3 1-10	3 20 @ 3 70	@ 2 8-10
Channel Beams				@ 2 8-10

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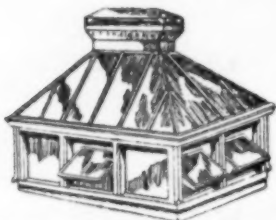
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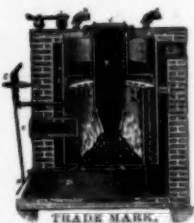
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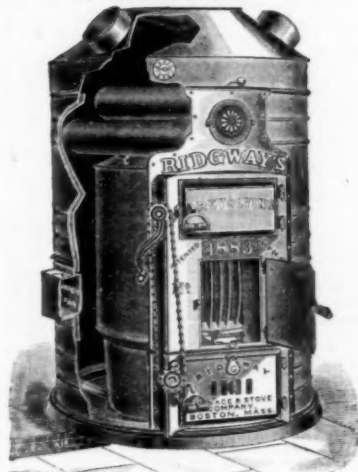
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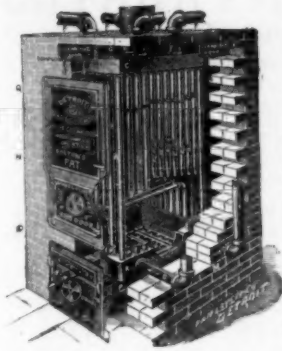
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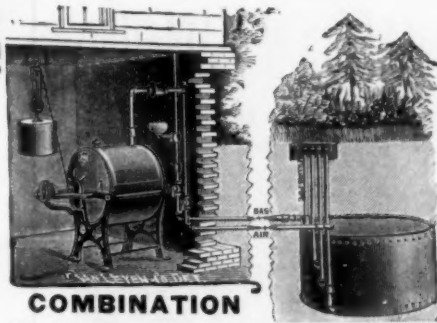
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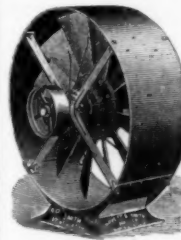
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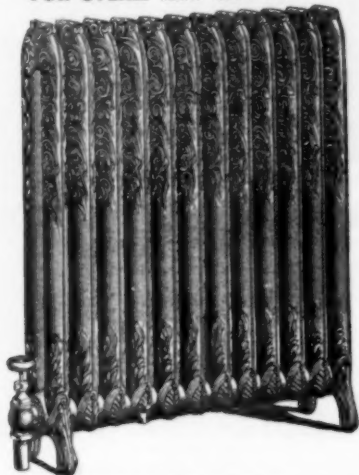
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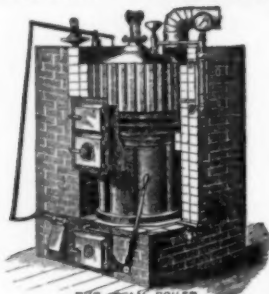
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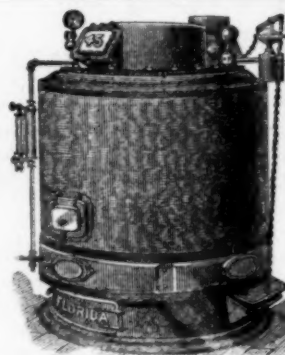
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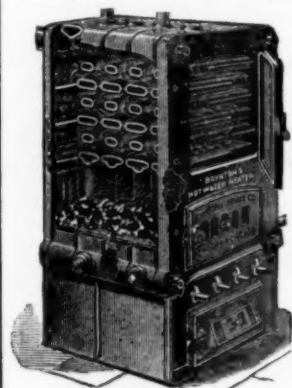
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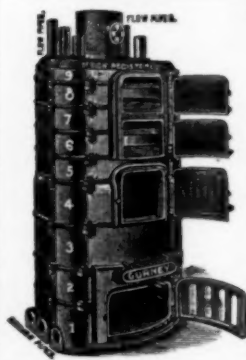
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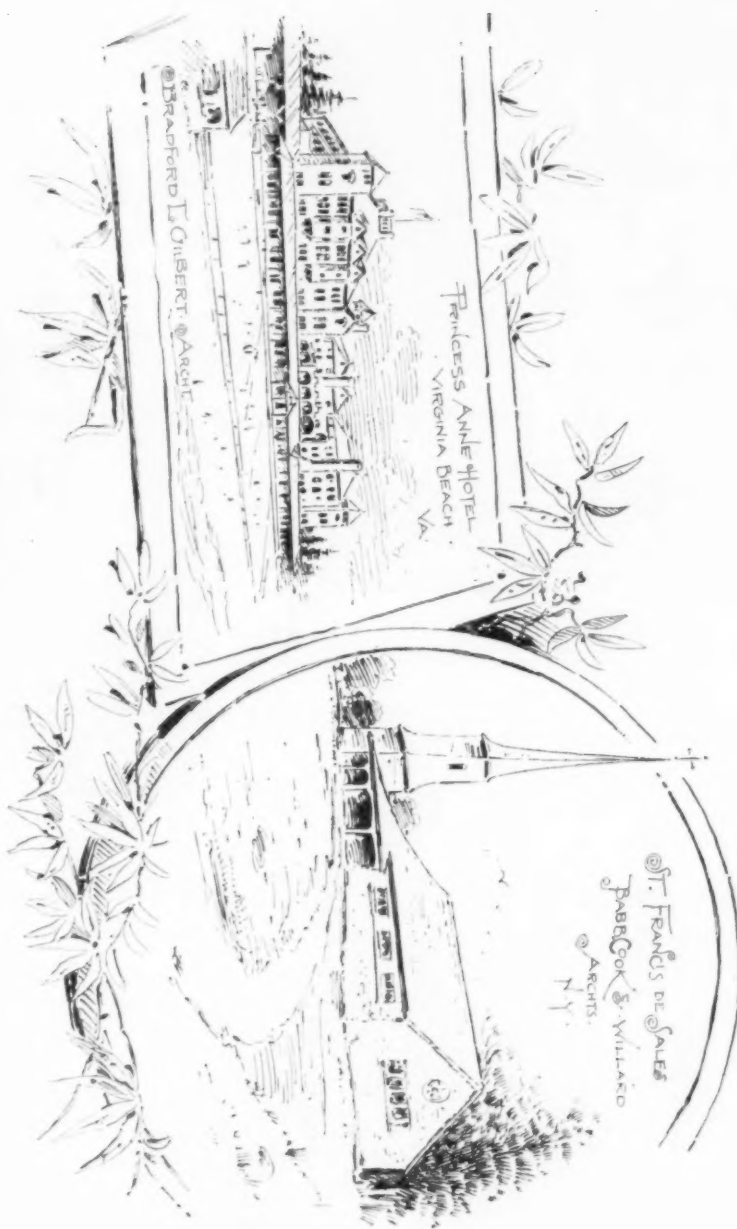
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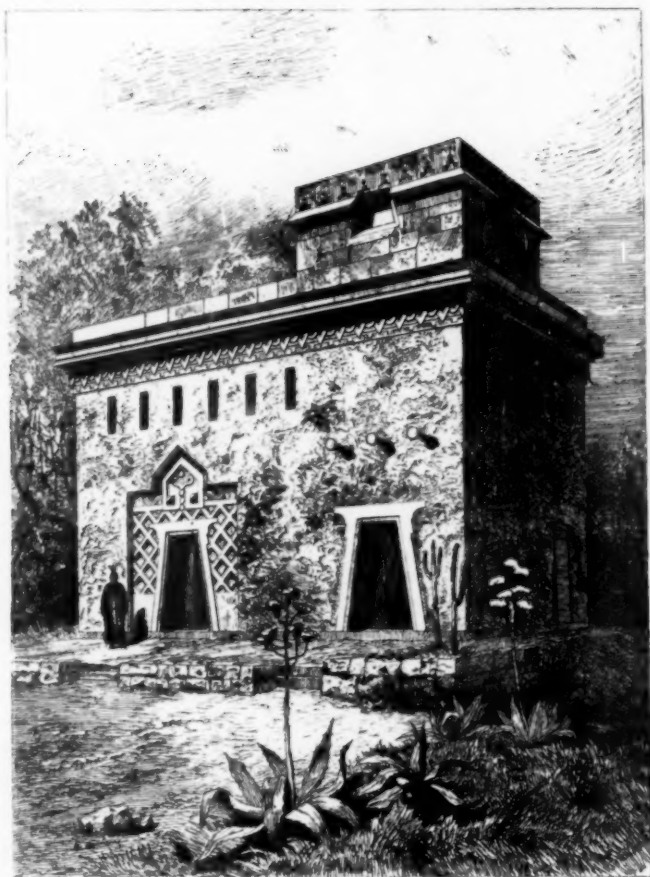
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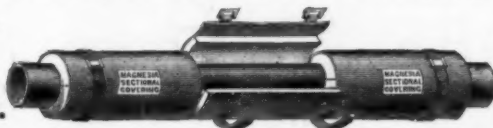
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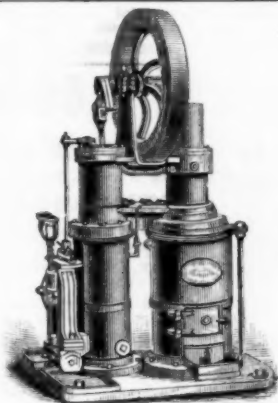
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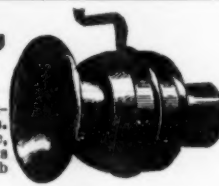


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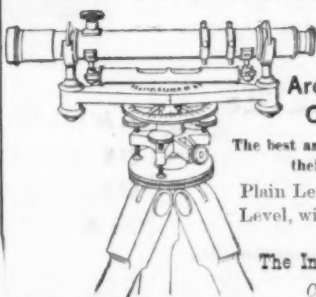
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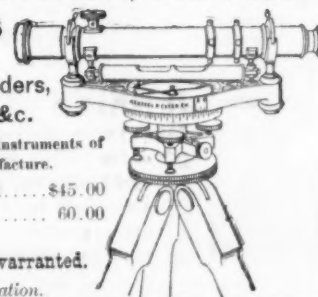
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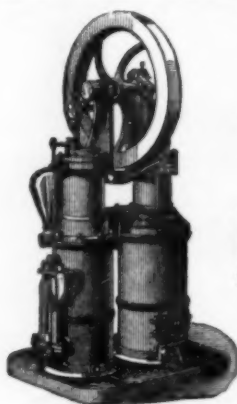
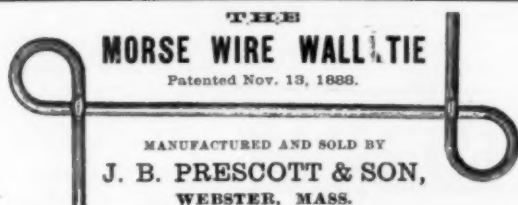
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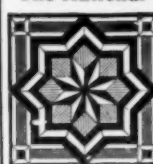
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The important features of our recent improvements, for which patents have been allowed in this Country and in Europe, are described in our new circular, which, with samples, will be sent free by mail.

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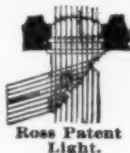
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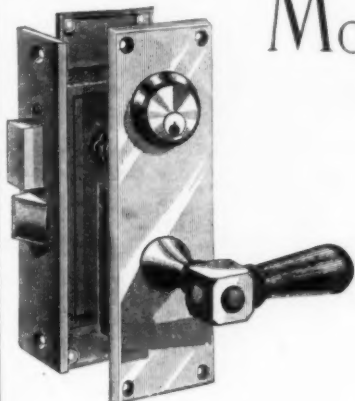
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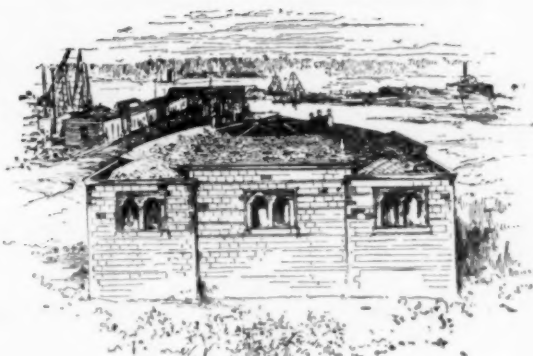
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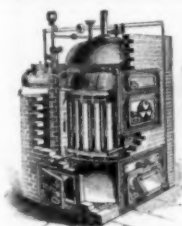
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BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

ALTERATIONS.

Minneapolis, Minn. — W. L. Wolford, alterations in dwell., 59 South Tenth St.; cost, \$7,000.

Providence, R. I. — Westminster St., alterations and additions to Merchant's National Bank; builders, Cutting & Bishop; architects, Gould & Angell.

St. Louis, Mo. — Alter brick school-house; cost, \$5,000; owner, School Board; contractor, C. G. Short.

APARTMENT-HOUSES.

Brooklyn, N. Y. — Eighth St., n s, 39 99' e Fourth Ave., 4 three-sty brick apartment-houses, tin roofs; total cost, \$30,000; owners, Keenan & Sanderson, 586 Dean St.; architect, W. M. Coots, 26 Court St.

Sixteenth St., e s, 99' e Ninth Ave., 11 three-sty brick apartment-houses, tin roofs; total cost, \$44,000; owners, Assip & Buckley, 314 Fifth Ave.; architect, W. M. Coots, 26 Court St.

Butler St., e s, 160' e Classon Ave., four-sty brick flat, tin roof; cost, \$6,500; owner, Philip Rogers, 555 St. Mark's Ave.; architect, E. A. White, 135 Third St.

South Fourth St., n s, 75' e Havemeyer St., Ave-sty double flat, tin roof; cost, \$12,000; owner, Marie Brunninghaus, 311 East Fifty-fifth St., New York

BUILDING INTELLIGENCE.

City; architects, O. D. Reynolds & Son, 363 Fulton St.

St. Mark's Ave., n s, 130' w Franklin Ave., 4 four-sty brick apartment-houses, cement and gravel roofs; total cost, \$30,000; owner, Thomas Monahan, 633 Douglas St.; architect, W. M. Coots, 26 Court St.

Chicago, Ill. — A. Lindburg, two-sty flats, Buffalo and Eighty-seventh Sts.; cost, \$2,000.

William Fischer, two-sty flats, 1026 Wolfram St.; cost, \$1,000.

C. Mülleheim, two-sty flats, 236 Ewing St.; cost, \$4,000.

C. Hanson, three-sty flats, 822 Tolman Ave.; cost, \$5,000.

George Jagerman, three-sty flats, 20 York St.; cost, \$6,000.

Joe Ortekow, two-sty flats, 613 Holt St.; cost, \$3,500.

John Rudolphson, two-sty flats, 839 Harmon St.; cost, \$2,000.

Otto Schroenrock, two-sty flats, 381 West Thirtieth St.; cost, \$2,000.

Patrick Maloney, two-sty flats, 150 Clarence Ave.; cost, \$1,500.

A. Chail, two-sty flats, Sixtieth St., near Rhodes Ave.; cost, \$1,000.

Frank Meales, two-sty flats, 586 North Ashland Ave.; cost, \$4,000.

Halman & Crowley, 6 two-sty flats, 1479-89 West Ohio St.; cost, \$10,000.

S. Erdman, three-sty flats, 825 South Oakley Ave.; cost, \$9,000.

J. Zidek, two-sty flats, 979 Fairfield Ave.; cost, \$2,200.

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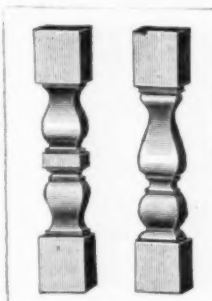
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E. Simonson, three-sty flats, 300 Erie St.; cost, \$5,000.

Harry Rubens, four-sty flats, 580 1/2 La Salle Ave.; cost, \$26,000.

D. H. Dymond, 2 two-sty flats, Park Ave. and Forty-third St.; cost, \$3,600.

D. H. Dymond, two-sty flats, Marvin and Forty-third Sts.; cost, \$1,800.

Lewis Nelson, two-sty flats, 91 Bingham St.; cost, \$1,800.

A. Johnson, two-sty flats, 315 Fifty-eighth St.; cost, \$2,500.

C. H. Eieh, two-sty flats, 5620 La Salle St.; cost, \$2,300.

George D. Randolph, two-sty flats, Sixty-first and Wentworth Sts.; cost, \$5,000.

John Boleck, two-sty flat, Butterfield and Fifty-seventh Sts.; cost, \$1,500.

Fred Leipke, two-sty flat, 640 Irving St.; cost, \$3,000.

Minneapolis, Minn. — J. Hanson, three-sty frame flats, 2714-22 Washington Ave., n; cost, \$30,000.

C. Anderson, three-sty brick flats and store, 904 Riverside Ave.; cost, \$5,000.

CHURCHES.

Basic City, Va. — The Presbyterians contemplate the building of a church, to cost \$8,000.

Brooklyn, N. Y. — Howard Ave., e s, 60' s Herkimer St., two-sty frame church, slate roof; cost, \$12,000; owner, St. John A. M. E. Church, Rev. M. C.

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Young, President, 175 Harrison Ave.; architect, C. P. Povie, 305A Monroe St.

Decatur, Ala.—The building of a church, to cost \$15,000, is contemplated by the First M. E. Church South.

Kearney, Neb.—First Ave., cor. Twenty-third St., frame and shingle church for the United Presbyterian Society; cost, \$3,500; contract not let; architects, W. Z. Foster and W. Fell Pullis.

Memphis, Tenn.—The Second Presbyterian Church contemplates the building of an edifice to cost from \$75,000 to \$100,000.

Philadelphia, Pa.—Sixty-third St., s w cor. Hamilton St., one-st'y church; contractor, E. Crouland, Sixty-ninth and Haverford Sts.

St. Louis, Mo.—Two-st'y brick church; cost, \$6,800; owner, Mission Church; contractors, Kohlmeier & Son.

FACTORIES.

Brooklyn, N. Y.—Roebling St., s e cor. North Second St., five and six st'y brick factory, gravel and cement roof; cost, \$35,000; owner, James Cavanagh, Hope St., cor. Roebling St.; architect, M. J. Morrill, 357 Fulton St.

Chicago, Ill.—Joseph E. Tilt, six-st'y factory, 9117 Huron St.; cost, \$30,000.

Charles S. Heiser, six-st'y factory, 37-45 Union Park Pl., cost, \$20,000.

Willard Sons & Hell Co., factory, Ninety-eighth St. and Erie Ave.; cost, \$3,000.

Philadelphia, Pa.—Schuyler St., n Hunting Park, three-st'y factory-building; owner, George W. Blabon, Twenty-first and Venango Sts.

St. Louis, Mo.—Two-st'y brick factory; cost, \$5,000; owner, Wm. Elison; contractor, George Huson.

HOTELS.

Atlantic City, N. J.—The Philadelphia & Reading R. R. Co. propose to build a hotel at Massachusetts and Pacific Aves. on the plan of the Ponce de Leon; cost, abt. \$1,250,000; and a magnificent station for the accommodation of the hotel guests will be built at the Massachusetts Ave. terminus.

Jasper, Tenn.—It is reported that a hotel, to cost \$50,000, will be built.

Kearney, Neb.—Central Ave., cor. Twenty-fifth St., stone and brick hotel; cost, \$100,000; owner, J. L. Keck; architect, I. Hodgson, Jr.

Lynchburg, Va.—There is talk of building a hotel, to cost \$100,000.

Macon, Ga.—The building of a 100-room hotel, cor. Third and Poplar Sts., is talked of.

Montgomery, Ala.—It is reported that a hotel, to cost \$100,000, will be built cor. Lee and Montgomery Sts.

Middleborough, Ky.—The building of a hotel, to cost about \$30,000, is contemplated.

Philadelphia, Pa.—A report is afloat that capitalists will build a monster hotel on the site bounded by Market, Fifteenth and Broad Sts. and South Penn Square.

Pulaski City, Va.—A hotel, to cost \$30,000, is contemplated by the Pulaski Land and Improvement Company.

Quannah, Texas.—The Quannah Hotel Co. will build a hotel, to cost about \$35,000.

West Chester, Pa.—The Darlington Farm Syndicate propose to build Roselyn Park Inn at a cost of \$100,000.

HOUSES.

Athol, Mass.—W. W. Norton, two-st'y dwell.; cost, \$6,000; contractor, G. W. Lyman.

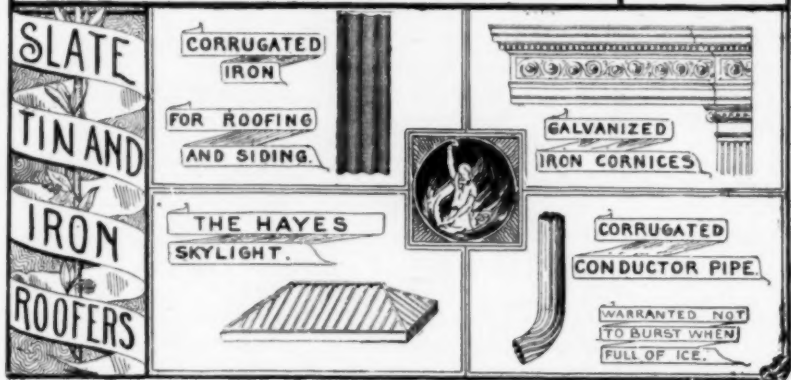
Baltimore, Md.—Wm. Collett, 13 two-st'y brick buildings, e s Carey St., n Baker St.

Jno. T. Bailey, three-st'y brick building, s s Oxford St., bet. Druid Hill and Pennsylvania Aves.

R. W. Finch, 3 three-st'y and mansard brick buildings, and stable in rear, s s Elliott St., bet. Chesapeake and Streeper Sts.

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BUILDING INTELLIGENCE.

L. F. Knoop, 5 two-st'y brick buildings, w s Gilmore St., bet. Pratt and McHenry Sts.

Henry Koch, three-st'y brick building, e s Dallas St., bet. Canton Ave. and Alliceanna St.

Julius A. Eppeley, three-st'y brick building, s s Fifth St., bet. Maryland Ave. and Oak St.

Baltimore Butchers' Mutual Protective Association, 3 two-st'y brick buildings, w s Boulder Alley, bet. North Ave. and Retreat St.

James E. Swain, 2 two-st'y frame cottages, n e cor. North Ave. and Twelfth St., and n e cor. North and Myrtle Aves.

Boston Fear, 2 three-st'y brick buildings and two-st'y frame stable in rear, n s North Ave., w Payson St.

Boston, Mass.—Medway St., near Adams St., Ward 24, frame dwell., 33' x 36'; owner, J. G. Young, Jr.; builder, James Pope.

Leroy St., near Ditson St., Ward 24, three-st'y frame dwell., flat roof, 23.6' x 48'; owner, W. L. Libby.

Leyden St., near Broad St., Ward 1, frame dwell., 21' x 42'; owner, T. Cassen; builder, Thomas Newby.

Chelsea Ave., near Ford St., Ward 1, two-st'y frame dwell., hip roof, 20' x 38'; owners, Boston Land Co.; builder, P. M. Hayden.

Crawford St., No. 52, Ward 21, two-st'y frame dwell., hip roof, 42' x 47'; owner, A. B. H. Chapin; builder, S. Moxom.

Bennington St., near Swift St., Ward 1, frame dwell., 20' x 40'; owner, Mrs. E. McLaughlin; builder, Thomas Newby.

Selden St., near Capen St., Ward 24, frame dwell., 22.6' x 30'; owner, Mary A. Wilson; builder, Martin O'Brien.

Washington St., Nos. 2491 and 2495, Ward 21, 2 four-st'y brick dwellings and stores, flat roofs, 19' x 37'; owner and builder, J. H. T. Adams.

Saunders St., near North Beacon St., Ward 25, frame dwell., 24.4' x 28.6'; owner and builder, Dwight Baldwin.

Granger St., bet. Elmwood and Kingsbury Sts., Ward 21, three-st'y frame dwell., flat roof, 24' x 45'; owner, Henry Boese; builder, P. Schneider.

Huntington Ave., near Richards Ave., Ward 23, frame dwell., 23' x 44'; owner and builder, F. J. Alexander.

Gold St., Nos. 183-185, Ward 15, 2 three-st'y frame dwellings, flat roofs, 18' x 34'; owner, A. W. Smith; builders, Berry & Watson.

West Fifth St., Nos. 158-160, Ward 15, 2 three-st'y frame dwellings, flat roofs, 19' x 50'; owner, A. W. Smith; builders, Berry & Watson.

BUILDING INTELLIGENCE.

Granger St., cor. Duncan St., Ward 24, three-st'y frame dwell., flat roof, 24' x 42'; owner, Mrs. M. G. Casey; builder, H. Chisholm.

Armstrong St., near Milton Ave., Ward 24, frame dwell., 22.6' x 47'; owner, Thomas Kennedy; builders, T. Clune & Co.

Ocean St., near Roslin St., Ward 24, three-st'y frame dwell., pitch roof, 30' x 37'; owner, Mrs. Annie R. Reed.

Bearse St., near Crest Ave., Ward 24, frame dwell., 22' x 46'; owners, T. S. and J. B. Murdoch; builder, T. S. Murdoch.

Nelson St., near Evans St., Ward 24, frame dwell., 27' x 34.6'; owner and builder, W. A. Macauley.

Dickens St., No. 27, rear, Ward 24, frame dwell., 24.6' x 48'; owner, Jeremiah O'Brien; builders, Chute & Bagloe.

Brooklyn, N. Y.—Second St., s s, 297' 10" w Seventh Ave., 5 three-st'y brick dwellings, tin roofs; cost, \$8,000 each; owner, Julia A. Skidmore, 655 De Kalb Ave.; architect, J. W. Tait, 166 Montague St.

Hart St., n s, 275' e Hamburg Ave., three-st'y frame dwell., tin roof; cost, \$5,000; owner, H. Ruhl, 1250 De Kalb Ave.; architect, Theodore J. Beir, 321 Evergreen Ave.

Forty-eighth St., n s, 75' w Fifth Ave., two-st'y frame dwell., tin roof; cost, \$3,000; owner, Mrs. Ellen Flynn, 422 Prospect Ave.; architects, Young Bros., 129 Forty-third St.

Bleecker St., n s, 200' e Central Ave., 3 three-st'y frame dwellings, tin roofs; cost, abt. \$3,500 each; owner, John Taylor, 99 Union Ave.; architect, John Fletcher, 37 Grove St.

Somerville, Mass.—Lincoln St., frame dwell., 27' x 51'; owner and builder, Hiram A. Clarry.

West Chester, Pa.—James Bellman will build a dwell. here.

OFFICE-BUILDINGS.

Chicago, Ill.—Watson estate, eight-st'y office-building, 133-125 La Salle St.; cost, \$50,000.

Kearney, Neb.—Twenty-first St., cor. Central Ave., stone and pressed-brick office and store building; cost, \$25,000; owners, R. L. Downing and J. J. Bartlett; architects, W. Z. Foster and W. Fell Pullis.

PUBLIC BUILDINGS.

Comanche, Texas.—A court-house, to cost about \$50,000, will be built.

Monroe, La.—A United States court-house, to cost \$54,912, will be built; contractors, W. E. Spear & Co., Washington, D. C.

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RAILROAD BUILDINGS.

Bluefield, W. Va. — A depot, to cost about \$15,000,
will be built by the Norfolk & Western R. R. Co.
Bedford City, Va. — The Norfolk & Western R. R.
Co. will build a depot, to cost about \$15,000.

SCHOOL-HOUSES.

Bowie, Texas. — The building of a college building,
to cost about \$20,000, is talked of.
Brooklyn, N. Y. — Sullivan St., s a, 90' w Van Brunt
St., two-st'y brick Sunday-School, slate roof; cost,

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BUILDING INTELLIGENCE.

\$15,000; owner, Christ Church, cor. Harrison and
Clinton Sts.; architect, F. C. Merry, 83 Fulton St.,
New York City.

Chicago, Ill. — Board of Education, three-st'y school,
Huron and Curtis Sts.; cost, \$50,000.
St. Luen's Church, two-st'y school-house, 810
Mara St.; cost, \$2,700.

East Lake, Ala. — There is talk of building a college
for young ladies at this place.

Sewanee, Tenn. — It is reported that \$50,000 will be
expended in the building of a new wing to the Uni-
versity of the South.

Wichita Falls, Texas. — The authorities will build a
public school-building, to cost about \$20,000.

(Continued on page xviii.)

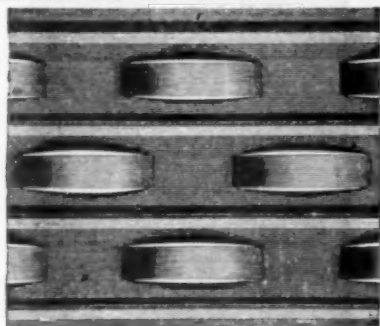
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BUILDING INTELLIGENCE.

STABLES.

Boston, Mass.—Newhall St., near Pierce Ave., Ward 24, two-st'y frame stable, pitch roof, 22' x 28'; owner, John J. Coffey; builder, E. Ramadell.

Lauriat Ave., No. 34, rear, Ward 24, one-st'y frame stable, pitch roof, 26' x 32'; owner, P. K. Eagles.

Paritan Ave., No. 12, rear, opp Wales Pl., Ward 24, two-st'y frame stable, pitch roof, 24' x 46'; owner, S. E. Prior; builder, J. M. Prior.

Dorchester Ave., No. 1643, rear, cor. Mather St., Ward 24, one-st'y frame stable, gambrel roof, 28' x 33'; owner, W. D. Dearborn; builder, L. A. Medbery.

Ruggles Pl., near Washington St., Ward 24, one-st'y frame stable, pitch roof, 18' x 22'; owner, J. E. Blake; builders, Chute Bros.

Orleans St., No. 66, rear, Ward 2, one-st'y frame stable, pitch roof, 18' x 26'; owner, J. H. Small; builder, G. F. Damon.

Chicago, Ill.—L. H. Gollherat, barn, Adams and Seventy-fifth Sts.

Charles Lindemann, two-st'y barn, 1333-35 North Halsted St.; cost, \$1,500.

M. O'Connell, two-st'y barn, 98-100 Ambrose St.; cost, \$1,500.

House of Providence, barn, 226 Elm St.

J. H. Wagner, barn, Sixty-ninth St. and South Park Ave.

T. F. Hager, two-st'y barn, 20 Myrtle St.; cost, \$2,500.

W. C. Reebe, three-st'y livery-stable, 546 Sheffield Ave.; cost, \$15,000.

Cincinnati, O.—Cin. Spring Co., stable and factory, Sommers St.; cost, \$3,000; architect, Wm. Schubert.

Cin. B. R. Omnibus Co., three-st'y stable, Pearl St.; cost, \$12,000; architect, S. S. Godley.

Philadelphia, Pa.—West College Ave., No. 1244, two-st'y stable; contractors, Louis Walter & Son, Goldbeck St.

Taney St., w s n Brown St., two-st'y stable; owner, Jos. Kiser, 866 North Thirtieth St.

Townsend St., No. 2212, two-st'y stable; contractor, E. L. Smith, 2211 East Susquehanna Ave.

Moyamensing Ave., w s n Reed St., two-st'y stable; contractor, William H. Dickhart, 1231 South Fifth St.

South Washington Ave., w Thirteenth St., two-st'y stable and two-st'y office; owner, Charles H. Laferty, Forty-third St. and Lancaster Ave.

STORES.

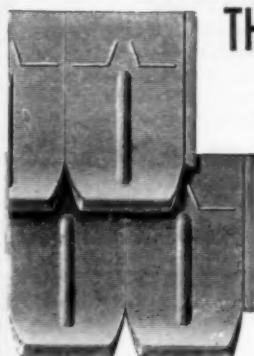
Brooklyn, N. Y.—Sutter Ave., n s 25' w Williams Ave., three-st'y frame store and dwell., tin roof; cost, \$3,500; owner, Simon Suhafer; architect, A. S. Warren, 2883 Atlantic Ave.

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BUILDING INTELLIGENCE.

Morgan Ave., w s 50' n Harrison Pl., 4 three-st'y frame stores and dwells., tin roofs; total cost, \$29,000; owner, Mrs. Catharine Dannenhofer, 236 Boerum St.; architect, Th. Engelhardt, 905 Broadway.

Thirty-second St., n w cor. Fourth Ave., three-st'y frame store and dwell., tin roof; cost, \$4,000; owner, James Kennedy, Sixth Ave., near Twenty-second St.; architect, George W. Miller, 406 Fifth Ave.

Metropolitan Ave., n s 402' e Olive St., 4 three-st'y frame stores and dwells., tin roofs; cost, \$4,200 each; owner, John J. Reil, 162 Siegel St.; architect, John Plans, 225 Lynch St.

Harrison Ave., s s 25' n Wallabout St., four-st'y frame store and dwell., tin roof; cost, \$6,000; owner, John Hass, 145 George St.; architect, Th. Engelhardt, 905 Broadway.

Willoughby Ave., s s 280' w Knickerbocker Ave., three-st'y frame store and dwell., tin roof; cost, \$4,500; owner, A. Amann, 243 Myrtle St.; architects, D. Acker & Son, 732 Broadway.

Sixth Ave., n w cor. Twentieth St., 4 four-st'y frame stores and dwells., tin roofs; total cost, \$18,700; owner, David Atkin, on premises; architect, Robert Dixon, 119 Montague St.

Decatur St., s e cor. Patchen Ave., three-st'y brick store and dwell., gravel roof; cost, \$8,500; owner, I. B. Booth, 132 Hart St.; architect, F. W. Ames, 1092 Halsey St.

Broadway, s e cor. Siegel St., four-st'y frame store and dwell., tin roof; cost, \$7,000; owner, M. Hesberg, Boerum and Ewen Sts.; architects, D. Acker & Son, 732 Broadway.

BUILDING INTELLIGENCE.

Chicago, Ill.—Frank Golambiski, three-st'y store and flats, Forty-ninth and Wood Sts.; cost, \$9,000.

John F. Mucker, two-st'y store and flats, Halsted St., near Fifty-seventh St.; cost, \$2,500.

Edward D. Murry, three-st'y store and flats, Seventy-first St. and South Chicago Ave.; cost, \$5,000.

F. C. Schmidt, two-st'y store and flats, Seventy-first St. and Cottage Grove Ave.; cost, \$2,500.

J. H. Eskridge, store, 4300 Emerald Ave.; cost, \$1,200.

William Zelnika, two-st'y store and flats, 703 Alphot St.; cost, \$8,500.

J. P. Wingert, two-st'y store and flats, 1228 Walfrom St.; cost, \$3,000.

Henry Hager, two-st'y store and dwell., 1165 North Leavitt St.; cost, \$3,000.

Minneapolis, Minn.—B. M. Morse, three-st'y frame store and flats, 1816 Central Ave.; cost, \$5,000.

New York, N. Y.—Elm St., No. 28, seven-st'y brick store-building, gravel roof; cost, \$80,000; owner, John Pettit, 93 Nassau St.; architect, J. M. Farnsworth, Temple Court.

Third Ave., No. 2313, one-st'y iron front store; cost, \$20,000; owner, Louis J. Kahn; architect, Edward Kenney.

Philadelphia, Pa.—Coultter St., n s e Main St., one-st'y store; contractor, John P. Neil, 5 West Coulter St.

Tacony St., s s s Bridge Ave., two-st'y store and dwell.; contractors, Lukings & Rhoads, Funk St., ab. Jackson St.

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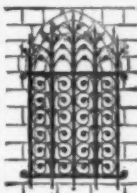
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IRONWork for Buildings, Stairs, Columns, Railings, etc., etc.
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cost, \$1,000.
Bemis & Curtis, malt-house, Bliss and Cherry
Sts.; cost, \$12,000.Cincinnati, O. — Cin. St. R. R. Co., power-house,
Hunt and McMillan Sts.; cost, \$16,500; architect,
Bert Baldwin.Minneapolis, Minn. — City elevator, two-st'y brick
elevator, cor. Fourth Ave., n, and Fifth St.; cost,
\$18,000.Minneapolis Linen Co., brick linen-mill, Tyler
St. and Fourteenth Ave., n e; cost, \$25,000.Springfield, Mass. — Springfield Foundry Co., brass
foundry; architect, F. S. Newman; builder, J. San-
derson.St. Louis, Mo. — One-st'y brick gas-house; cost,
\$8,000; owners, Laclede Gas-light Co.; contractor,
Wm. McCully.Stone gate entrance; cost, \$5,000; owners, F. P.
Imp. Assn.; sub-let.
Elevator; cost, \$20,000; owners, Farmers' Elev.
Co.; contractors, Hill & Kirgin.Winston, N. C. — The First National Bank will build
a three-st'y building.**PROPOSALS.****COURT-HOUSE.** [At Brockton, Mass.]OFFICE OF J. WILLIAMS BEAL, ARCHITECT,
68 MASON BUILDING, BOSTON, MASS.Estimates will be received at the office of the Ply-
mouth County Commissioners in Plymouth, Mass.,
up to noon, Thursday, October 30, instead of
Monday, October 20, as first stated, for the con-
struction of the new Court-house in Brockton.All bids to be addressed to the Plymouth County
Commissioners, accompanied by a certified check for
\$500, to be sealed and endorsed "Proposal for New
Court-house."The Commissioners reserve the right to reject any
or all proposals.Plans may be seen at the above office on and after
September 28.

Per order of Board of Commissioners.

JEDEDIAH DWELLEY,
WM. RANKIN,
WALTER H. FAUNCE, } Commissioners.

J. WILLIAMS BEAL, Architect.

774

October 15, 1890. Sealed proposals will be received
at the office of the Supervising Architect, Treasury
Department, Washington, D. C., until 2 o'clock P. M.
on the 12th day of November, 1890, for all the labor
and materials required for the superstructure and
completion (except heating apparatus, elevator and
approches) of the United States Custom-house,
Court-house and Post-office building at El Paso,
Texas, in accordance with the drawings and specifica-
tion, copies of which may be had on application at
this office or the office of the Superintendent. Each
bid must be accompanied by a certified check for \$500**WHY ARCHITECTS SHOULD SPECIFY
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well-known expert."When gauged by the standards of the best authorities
in this country, the insulation would still be found from
500 to 1,000 times more than sufficient. This margin
ought certainly to dispose effectually of any question
which may arise about safety from shocks or fire."**BUILDING INTELLIGENCE.**Germantown Ave., No. 2029, three-st'y store and
dwell.; contractor, D. C. Schuler, 2327 North Sixth
St.Venango St., s s, w Seventeenth St., 4 one-st'y
stores; contractor, W. R. Brown, 1702 North Thir-
teenth St.Mascher St., w s, n Tioga St., two-st'y store and
dwell.; contractor, C. Kolever, 2737 Ash St.Marshall St., n e cor. Venango St., two-st'y store
and dwell.; contractor, Jas. H. Dorf, cor. Ninth and
Venango Sts.Mantua Ave., s s, e Forty-second St., two-st'y
store and dwell.; owner, Charles Bateson, 4631 Lan-
caster Ave.Sixth St., s e cor. Vine St., one three-st'y and 3
two-st'y stores; contractor, Andrew White, 321
Griscom St.St. Louis, Mo. — Four-st'y brick store; cost, \$22,000;
owner, C. F. Hoyle, et al.; contractor, J. D. Fitz-
gibbon.**TENEMENT-HOUSES.**Boston, Mass. — Charter St., No. 43, Ward 6, 6 four-
st'y brick tenements, flat roofs, 17' x 37.3'; owner,
Nora Donohue; builder, K. Driscoll.New York, N. Y. — West Sixty-second St., Nos. 140-
146, 4 five-st'y brownstone tenements; cost, \$80,000;
owners, Lowen, Halliday & Co.; architect, James
Cole.**WAREHOUSES.**

Chicago, Ill. — M. V. Nicol, warehouse, Alston Ave.

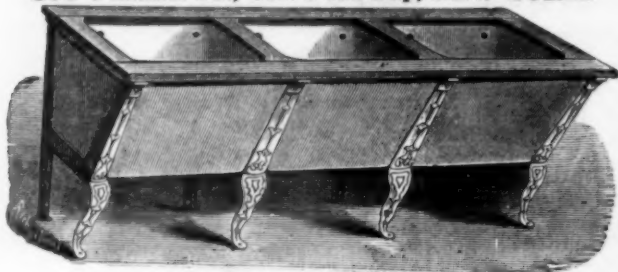
and Forrest Glen St.

Charles Starkweather, four-st'y warehouse, 57
Plymouth Ave.; cost, \$12,000.Ed Graefton, warehouse, Fifty-fifth St. and Grand
Trunk R. R.; cost, \$1,000.Philadelphia, Pa. — Ledger St., w s, n Lagrange St.,
eight-st'y warehouse; owner, Jos. D. Ellis, 325 Wal-
nut St.**BUILDING INTELLIGENCE.**St. Louis, Mo. — Frame warehouse; cost, \$3,000;
owners, Sligo Iron Store Co.; contractor, T. Lowery.**MISCELLANEOUS.**Baltimore, Md. — The Phoenix Club will build a
four-st'y building, e s Eutaw Pl., n Mosher St.Brooklyn, N. Y. — Melrose St., n s, 100' w Hamburg
Ave., two-st'y frame building, to be used as hall
and meeting-rooms, tin roof; cost, \$13,500; owner,
St. Leonard's Church, on premises; architect, Th.
Engelhardt, 905 Broadway.Stockton St., No. 144, three-st'y brick cabinet-
maker's shop, gravel roof; cost, \$3,000; owner, Little
Zell, 142 Stockton St.Vanderbilt Ave., e s, 340' s Fulton St., three-st'y
brick church vestry and dwell., tin roof; cost, \$5-
900; owner, Vestry of St. Luke's Church, Clinton
Ave.; architect, John Welch, 424A Halsey St.Summer Ave., e s, bet. Jefferson and Putnam
Aves., three-st'y brick armory for the 13th Regt.,
N. G. S. N. Y., tin roof; cost, abt. \$300,000; owner,
City of Brooklyn; architect, R. L. Daus, 26 Court
St.Ninth Ave., w s, 491' n Twentieth St., three-st'y
frame restaurant and lodging-house, tin roof; cost,
abt. \$3,000; owner, James Daly, Ninth Ave., cor.
Twentieth St.; architect, W. H. Wirth, 358 Seven-
teenth St.Chicago, Ill. — C. Petesch, brick basement, 304 North
State St.; cost, \$1,300.M. Anderson, brick basement, Buffalo St., near
Eighty-ninth St.F. E. Wells & Co., two-st'y beef-house, Packers
Ave. and Forty-sixth St.; cost, \$25,000.

C. Schmitt, brick basement, 2920 Keeley St.

John Hubbard, basement, Seventy-sixth St. and
Cottage Grove Ave.Paige Iron Works, one-st'y machine-shop, 2628
Ontario St.; cost, \$2,000.L. F. Trauemel, one-st'y shop, School St., near
Sixty-first St.

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PROPOSALS.

The Department will reject all bids received after the time herein stated for the opening of the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in an envelope sealed and marked "Proposal for the Superstructure and Completion of the United States Custom-house, Court-house, and Post-office building at El Paso, Texas," and addressed to JAS. H. WINDRIM, Supervising Architect.

Proposals for Dredging. United States Engineer Office, Mobile, Ala., October 29, 1890. Sealed proposals for dredging in Mobile Harbor, Ala., Biloxi Harbor, Miss., and Pascagoula River, Miss., will be received at this office until 12 o'clock M., Thursday, the 20th day of November, 1890, and opened immediately thereafter in presence of bidders. Specifications, general instructions to bidders and blank forms of proposal will be furnished on application to this office. The attention of bidders is invited to the Acts of Congress approved February 26, 1885, and February 23, 1887, Vol. 23, Page 332, and Vol. 24, page 414, Statutes at Large. A. N. DAMRELL, Major of Engineers, U. S. A.

October 16, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 11th day of November, 1890, for all the labor and materials required for the approaches to the United States Court-house, Post-office, etc., building at Louisville, Ky., in accordance with the drawing and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$500. The Department will reject all bids received after the time herein stated for the opening of the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in an envelope sealed and marked "Proposal for the Approaches to the United States Court-house, Post-office, etc., building at Louisville, Ky.," and addressed to JAS. H. WINDRIM, Supervising Architect.

October 17, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 14th day of November, 1890, for all the labor and materials required to do all the decorative painting,

PROPOSALS.

etc., for the first, second and attic stories and main stairway hall of the United States Post-office, etc., building at Springfield, O., in accordance with the specification and general plans of building, which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Bids must be enclosed in an envelope sealed and marked "Proposal for Decorative Painting, etc., for the United States Post-office, etc., building at Springfield, O.," and addressed to JAS. H. WINDRIM, Supervising Architect.

October 14, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 5th day of November, 1890, for furnishing all labor and material required for the erection and completion of the United States Custom-house and Post-office building at New Bedford, Mass. (except heating apparatus and approaches), in accordance with drawings and specifications, copies of which may be had at this office or the office of the Superintendent at New Bedford, Mass. Each bid must be accompanied by a certified check for \$500. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Erection and Completion of the United States Custom-house and Post-office building at New Bedford, Mass.," and addressed to JAS. H. WINDRIM, Supervising Architect.

October 14, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 3d day of November, 1890, for all the labor and materials required for the plumbing and gas-piping for the United States Post-office building at Dayton, Ohio, in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time herein stated for the opening of the same; also,

COL. GEORGE E. WARING, JR., C. E. etc., in his recent work on Sewerage and Land Drainage, in speaking of traps liable to siphonage, says: "the best remedy would be to supply the defective traps at their summits with McClellan's Mercury Seal-Trap Vent, a perfectly safe device, of little cost, simple and easy of application, and sure to supply air when needed."

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PROPOSALS.

bids which do not comply strictly with all the requirements of this invitation. Each proposal must be enclosed in an envelope sealed and marked "Proposal for the Plumbing and Gas-piping for the United States Post-office, etc., at Dayton, Ohio," and addressed to JAS. H. WINDRIM, Supervising Architect.

October 13, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 6th day of November, 1890, for furnishing all the labor and materials required for the erection and completion (except heating apparatus) of the United States Post-office building at Lancaster, Pa., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$500. The Department will reject all bids received after the time fixed for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Bids must be enclosed in an envelope sealed and marked "Proposal for the Erection and Completion (except Heating Apparatus) of the United States Post-office building at Lancaster, Pa.," and addressed to JAS. H. WINDRIM, Supervising Architect.

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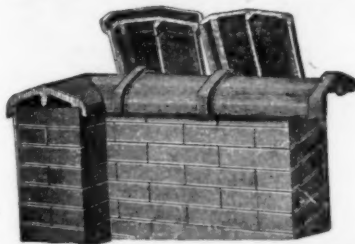
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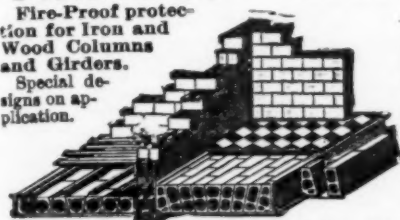
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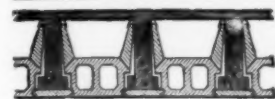
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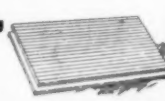
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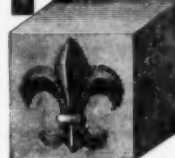
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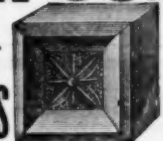
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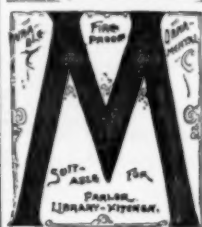
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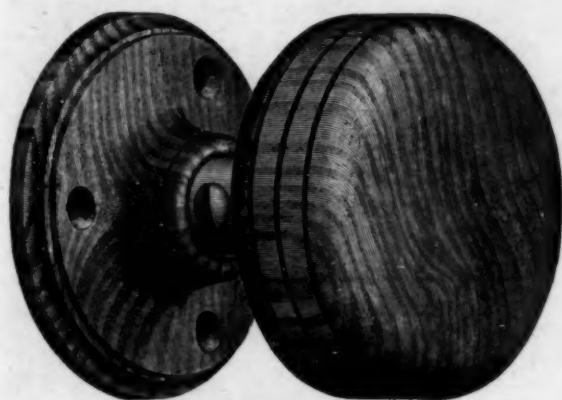
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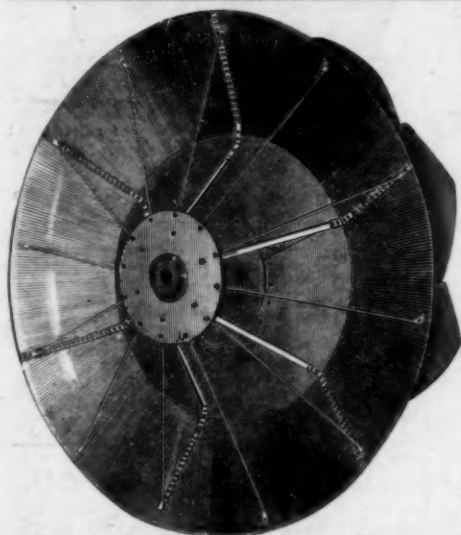
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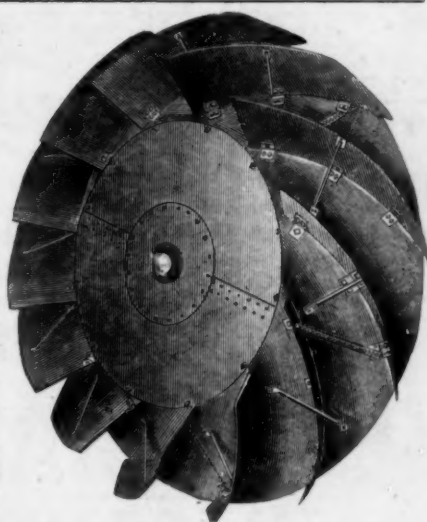
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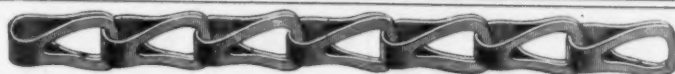
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plied. Prices very low. Samples sent to any architect in the United States, free, on application. Now in
use in State House, Hartford; Providence City Hall; Singer Building, Chicago; J. C. Flood's, Menlo Park,
Cal.; Vancornear and Florence Flats, New York; Boreel Building, New York; new State, War and Navy
Departments, and Patent Office, Washington, D. C.; Herald Building, Boston, and very many other fine build-
ings in all parts of the United States.

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We desire to call your attention to the Superior quality of Plate Glass manufactured
by the

PITTSBURGH PLATE GLASS CO.

The Largest Plates of Glass in buildings in the cities of Chicago, Cleveland, Detroit, St.
Paul, Syracuse, Pittsburgh, Philadelphia, Baltimore, and many New York buildings, were manufac-
tured by our Company.

The only fuel used throughout both our works is Natural Gas; which, owing to its superior
heating power and cleanliness, enables us to produce an article which cannot be surpassed, besides
glass melted and annealed by our process with this gas, is far more durable and not so liable to break.
We make a specialty of three-sixteenths thickness for fine residences, also extra large sizes, wide
and long plates for store fronts, beveled and obscured plates, skylight and floor glass.

With a capacity of 250,000 square feet monthly, we are prepared to execute all orders promptly,
and invite correspondence.

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E. L. FORD, Sec.

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AN IMPROVEMENT

On the Present Method of Rough Plastering. Manufactured
in any length slabs from 4 to 6 inches thick. Plastering done in
one-tenth the time of old way, winter or summer. No waiting for
walls to dry out, no dirt as in case of Plasterer's mortar. Less weight,
less conductivity of cold or heat. Can be used for deafening, back-plastering, non-conducting or iso-
lating partitions, furring, floors, roofs, etc. Fireproof, easily transportable.

EASTERN PLASTER BOARD CO., 52 Broad St., New York.
SOLE AGENTS for Brooklyn, CONKLIN & DAWES, Jefferson Building.

DRAWING-OFFICE.

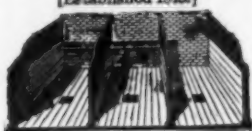
Drawings rendered in line or color with
reasonable despatch.

ADDRESS THE EDITORS OF THE AMERICAN ARCHITECT.

BUILDING MATERIALS.

	New York.	Boston.	Chicago.	Philadelphia.
LUMBER.—P. M.				
Boards: (Ordinary dimensions.)				
Pine, 1st quality, clear.....	65 00 @ 75 00	50 00 @ 60 30	30 00 @ 47 00	48 00 @ 55 00
" 2d quality.....	55 00 @ 60 00	42 00 @ 50 00	25 00 @ 28 00	40 00 @ 45 00
" 3d quality.....	18 00 @ 22 00	35 00 @ 40 00	14 00 @ 20 00	30 00 @ 35 00
Spruce.....	20 00 @ 25 00	13 00 @ 25 00	Not sold.	16 00 @ 20 00
Hemlock.....	ea 13 1/2 @ 14	13 00 @ 15 00	12 00 @ 12 00	11 25 @ 13 50
Yellow pine.....	20 00 @ 40	25 00 @ 35 00	29 00 @ 37 00	14 00 @ 29 00
Cypress.....	20 00 @ 40	32 00 @ 40 00	20 00 @ 30 00	14 00 @ 35 00
Clapboards:				
Pine.....	40 00 @ 60 00	10 00 @ 22 00	14 00 @ 25 00	Not sold.
Spruce.....	25 00 @ 40 00	Not sold.	Not sold.	Not sold.
Framing Timber:				
Pine.....	14 00 @ 18 00	15 50 @ 20 00	12 00 @ 15 30	25 00 @ 37 30
Spruce.....	12 00 @ 16 00	14 00 @ 16 00	Not sold.	18 00 @ 18 00
Hemlock.....	18 00 @ 21 00	24 00 @ 35 00	10 00 @ 13 00	13 00 @ 1 00
Yellow pine.....				22 00 @ 28 00
Laths:				
Pine.....	2 25 @ 2 25	2 25 @ 2 50	2 10 @ 2 25	2 75 @ 3 00
Spruce.....	2 20 @ 2 25	2 25 @ 2 50	Not sold.	2 30 @ 3 00
Shingles:				
Pine, shaved..... P. M.....	5 00 @ 6 00	4 50 @ 4 50	Not sold.	Not sold.
Pine, sawed.....	4 00 @ 5 00	1 50 @ 00	2 20 @ 3 00	Not sold.
Spruce, sawed.....	1 50 @ 2 00	3 75 @ 4 00	6 00 @ 7 50	Not sold.
Redwood..... P. M.....	1 40 @ 1 60	2 00 @ 4 00	2 00 @ 2 35	20" 35 @ 14
Cedar, split.....	18 00 @ 20 00	5 00 @ 6 00	3 50 @ 4 00	11 00 @ 14 00
Cedar, sawed.....				
Cypress, Split..... 7 x 24. "				
Miscellaneous:				
Pine..... P. ft.....	4 1/2 @ 5 1/2	10 00 @ 18 00	10 00 @ 18 00	9 00 @ 13 00
Fence pickets, Common.....	8 00 @ 10 00	25 00 @ 50	9 00 @ 21	4 1/2 @ 1 25
Cedar posts, 9 ft. (sq. post.).....		25 00 @ 50	Not sold.	20 @ 30
Chestnut.....				
Finishing Woods: P. M. (First Qual.)				
Ash..... (Kiln-dried.)	80 00 @ 120 00	45 00 @ 60 00	20 00 @ 40 00	30 00 @ 40 00
Cherry.....	40 00 @ 60 00	85 00 @ 120 00	80 00 @ 103 00	100 00 @ 120 00
Butternut.....		60 00 @ 70 00	50 00 @ 60 00	70 00 @ 80 00
Hard-pine floors (rift).....		50 00 @ 60 00		
Manogany, Baywood (Mexican).....	@ 180 00	150 30 @ 180 00	150 00 @ 200 00	150 00 @ 250 00
" St. Domingo.....	@ 350 00	120 00 @ 350 00	200 00 @ 250 00	200 00 @ 400 00
Maple.....	45 00 @ 60 00	45 00 @ 50 00	18 00 @ 35 00	25 00 @ 55 00
Oak, red.....	@ 70 00	50 00 @ 50 00	32 00 @ 40 00	45 00 @ 55 00
" white.....	@ 70 00	50 00 @ 55 00	22 00 @ 40 00	60 00 @ 75 00
" quartered.....	@ 90 00	65 00 @ 80 00	45 00 @ 50 00	87 25 @ 65 00
Sycamore quartered.....	65 00 @ 70 00	50 00 @ 65 00	35 00 @ 5 00	5 00 @ 65 00
Pine, clear.....	60 00 @ 70 00	60 00 @ 70 00	55 14 @ 6 00	50 00 @ 75 00
Redwood.....				
Rosewood..... P. ft.....		32 00 @ 35 00		
Spruce floors (clear, kiln-dried).....	125 00 @ 150 00	80 00 @ 120 00	55 00 @ 100 30	50 00 @ 17 00
Walnut, black.....	45 00 @ 50 00	40 00 @ 45 00	18 00 @ 40 00	25 00 @ 50 00
Whitewood.....			29 00 @ 40 00	50 @ 45 00
Yellow pine..... P. M.....				

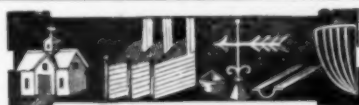
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—OF—
STABLE FITTINGS.
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over 250 Designs of Superior
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Branch House, 918 Olive Street, St. Louis, Mo.

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COMPOUND light-spreading
silver-plated Corrugated Glass
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A wonderful invention for
lighting CHURCHES,
Halls, etc. Handmade
designs. Satisfaction
guaranteed.
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free. **BAILEY REFLECTOR CO.**
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—IN—
REFLECTORS—
—AND—
REFLECTING CHANDELIERS,**
For lighting Churches, Theatres and Public Buildings.
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REFRIGERATOR
1168 BROADWAY, N.Y.
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Sole Proprietors and Manufacturers of

**WIRE
LATH** **DOUBLE TWIST WARP.**
STIFFENED (Iron furred).
STANLEY CORRUGAT'D
STEVENS' RICID.

Plain, Japanned or Galvanized.

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We therefore call special attention to the existence of these imitations and to the fact that our machinery is conspicuously marked with our trade name, the use of which by any other manufacturer is unauthorized and illegal.

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Welded Chrome Steel and Iron. (5 ply)



FOR SAFES, VAULTS, JAILS, ETC.

Positively Burglar-proof, cannot be Cut,
Sawed, or Drilled,

Chrome Steel Works, Sole Manufacturers,

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BUILDING MATERIALS.

Reported for the American Architect and Building News.

	New York.	Boston.	Chicago.	Philadelphia.
	(Wholesale Prices.)	(Prices to Builders and Contractors.)		
BRICK.—P. M.				
Common: Cargo float.				In Yard.
Pale.....	3 25 @ 3 50	Eastern } 9 00 @ 10 00	Building Brick @ 6 50	Sq. Hard @ 9 00
Jersey.....	4 75 @ 5 75	Bay State Hard } 1 00 @ 1 25		" @ 7 00
Long Island.....	5 50 @ 6 00	9 00 @ 10 00		Salmon @ 5 00
Up River.....	5 25 @ 6 00	Domestic Com. } 9 50 @ 10 00	Indiana Pressed 14 00 @ 20 00	Sq. " @ 1 00
Haverstraw Bay 2nd.....	5 50 @ 6 00	Domestic Face } 20 00 @ 22 00	St. Louis Fronts @ 27 00	Light Stretchers @ 10 00
Hollow.....	6 00 @ 6 25	Philadelphia } 40 00 @ 45 00		Medium " @ 12 00
Fronts.....	14 00 @ 15 00	Phila. mod. } 50 00 @ 55 00		Red " @ 13 00
Croton, Brown.....	15 00 @ 16 00	Anderson } 14 00 @ 32 00		Dark " @ 13 00
" dark.....	15 00 @ 16 00			Pressed @ 13 00
" red.....				Best Paving @ 14 00
Chicago pressed (Anderson).....				second " @ 13 00
Chicago Moulded.....				Third " @ 12 00
Baltimore.....	7 00 @ 41 00			
Philadelphia.....	@ 22 00			
Trenton.....	@ 22 00			
Milwaukee.....				
Moulded:				
Glens Falls Red Pressed.....	@ 37 00			
" " Buff.....	@ 30 00			
" " Moulded Red & Buff.....	45 00 @ 70 00			
Enamelled: imp.				
Enamelled (edge).....	85 00 @ 100 00			
Enamelled (edge and end).....	90 00 @ 115 00			
CEMENT, LIME, etc.—(P. M.)				
Rosendale Cement.....	90 @ 1 00			
Louisville.....				
Utica, Akron, Buffalo, Milwaukee.....	Not sold.			
Portland, English (Globe).....	2 50 @ 3 00			
" " (K. B. & S.).....	2 50 @ 3 00			
" " (Black Cross).....	2 25 @ 2 50			
" " (Barham).....	2 50 @ 2 80			
" " (White's).....	2 50 @ 3 00			
" " French (Lafarge).....	3 00 @ 3 75			
" " German (Alsen).....	2 90 @ 3 25			
" " (Fewer).....	2 25 @ 2 40			
" " (Vorwöhler).....	2 50 @ 2 90			
" " (Lagerhofer).....	2 90 @ 3 25			
" " (Dyckerhoff).....	2 50 @ 3 00			
" " (Hanover).....	2 75 @ 3 00			
" " Stettin (Anchor).....	2 35 @ 2 85			
" " American (Saylor's).....	3 15 @ 3 45			
Roman.....	2 75 @ 3 00			
Keene's coarse.....	5 75 @ 6 00			
" " superfine.....	9 25 @ 10 25			
Lime.				
Lime of Test.....	3 50 @ 4 00			
Hydraulic Lime.....	@ 1 45			
Chicago Lime in bulk.....	@ 1 00			
Wisconsin.....	@ 1 20			
Rockland and Rockport, (Conn.).....	@ 1 20			
Rockland and Rockport, (Conn.).....	@ 1 20			
Kelley Island Lime, (Conn.).....	@ 1 20			
State, com. cargo rates (nom.).....	@ 1 10			
State, finishing.....	@ 1 25			
Plaster of Paris (salcined).....	1 30 @ 1 55			
" (casting).....	12 @ 15			
Hair (Castle) & Wash.....	22 @ 25			
" (Goat).....	1 00 @ 1 25			
Sand, & load.....				
STONE. (P. M.)				
Granite: (Mass.).....	45 @ 1 35			
Limestone:				
Bedford.....	@ 1 00			
Joliet.....	@ 1 00			
Lemont.....	@ 1 00			
Serpentine.....				

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Is the Best Material for Walls and Ceilings ever put before the public.

Best for the Owner. Best for the Contractor. Best for the Plasterer.

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 The St. Louis Adamant Plaster Co., Room 70, 149 La Salle St., Chicago, Ill.
 6 to 16 North 2d Street, St. Louis, Mo.
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 The Ohio Adamant Plaster Co., Room 58, Board of Trade B'g, Columbus, Ohio.
 The Ohio Plaster Co., 5 Euclid Avenue, Cleveland, Ohio.
 The Adamant Wall Plaster Works, 315 Superior Street, Toledo, Ohio.
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Boston.

Chicago.

Philadelphia.

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(Wholesale Prices.)

(Prices to Builders and Contractors.)

Black, brown, buff p lb.	24			
Colorful p lb.	24			
Red p lb.	3			
White p bbl.	175			
Foundation:				
Dimension				
Block				
Rubble				
Bluestone (p sq. ft.)				
Sidewalk	30 5.00	40 1.75	75 1.00	1 in. 10 25
Placed	50 6.00	75	50 1.00	37 50
Sandstone:				
Longmeadow	80	80 90		95 1.10
Kibbe	90	90 1.10		105 1.35
Brown (Connecticut)	1 00 4.95	1 25 1.45	1 50 p sub. ft.	55 1.00
Amherst	90 95	90 1.00	45 55	
Berea Ohio	75 1.00	80 90	55 65	
Berlin	75 1.00	80 90	55 65	
Bellefonte	80 1.25	1 25 1.35	1 25	1 10 1
New Brunswick (Dorchester)	1 00	75 90		1 00 1
Caen	1 05	1 05		1 25 1
Carlisle English	1 05	1 05		95 1
Corse Hill (Scotch)	1 05	1 05		
Marble (p sq. ft.)				
Leo, Mass.		1 75 2.50	Not sold.	2 00 2.50
Butland, white and blue		3 00	3 50 6.00	2 00 3.00
Sutherland Falls	1 25 1.75	2 00	3 50 6.00	1 70 3.00
Glens Falls, black			Not sold.	4 00 4.50
Italian, blue-veined			Not sold.	2 50 2.75
Sienna			Not sold.	4 00 5.00
Tennessee, red			4 40	4 00 6.00
" Knoxville			4 40	3 00 4.00
Pennsylvania, blue			Not sold.	2 00 3.00
Vermont, white			3 50 6.90	2 25 3.00
Slate: Roofing (p square)				
" green	5 00 6.00	4 75 5.25	5 50 6.10	2 50 3.00
" unfading	5 00 6.00	5 50 6.50	6 50 7.10	3 25 3.75
" purple	5 00 6.00	5 50 6.50	6 50 7.10	3 50 4.50
" black, Lehigh	4 25 4.75	10 00 11.00	12 00 14.00	7 50 10.25
" "Chapman"			6 25 6.85	3 25 4.00
" Unfading Black, Monson, Me.	5 50 8.00	5 50 8.00	7 30 8.00	4 00 4.65
Tiles, Am.			6 00 9.00	5 50 8.00
N. Peach Bottom, warranted unfading			Not sold.	6 00 25.00
PAINTS. (In oil, p lb.)				6 00 6.75
White lead, Am.	7 25 74	71 74	64 7	2 74
" Zinc	5 25 74	71 74	64 7	2 74
Red lead, Am.	6 25 104	7 74	13 24	6 74
" Venetian	6 25 70	72 75 dry	65 63	6 74
" Vermilion	12 25 20	12 20	12 20	6 74
Red Indian, Eng.	6 25 15	7 12	3 15	14 18
Yellow Ochre	12 25 20	18 25	15 25	15 20
" Chrome	8 25 13	8 20	8 20	8 20
Green (chrome)	25 25 40	25 40	25 35	15 20
Green, Paris	15 25 35	15 25	8 30	8 12
Black, lamp	12 25 18	18 30	12 35	10 24
Blue, ultramarine	58 62	61 62	57 60	6 60
Oil, linseed, (raw)	61 65	64 65	60 63	6 6
" boiled	40 41	45	51 51	44
Turpentine		1 50 6.00	1 25 2.00	1 25 3.00
Varnish, coach		2 50 3.00	2 25 4.00	1 50 3.00
Shellac			62 62	2 24
Putty	2 25 1.00	2 1 1 1	1 1 1	1 1
Whiting	1 30 2.00	1 3 71	64 7	1 1 1
Paris white, (Eng.)	54 6	14 20	4 16	4 14
Litharge, Am.	14 20	14 20	2 10	2 13
Sienna (burnt)				
Umber				
HARDWARE.				
Nails: (Per Cask.) Spikes, (wrought.)	2 25		3 75 3.00	pr kg 2 25
10d. common	2 25	2 30	2 25	2 30
Shingle	3 35	2 40	2 75	2 60
Lath	4 85	3 60	3 65	3 60 4.75
Finishing nails according to size.			Add .80 to \$1.15	per lb 1 6
(For casing nails add 75c. per keg.)			".50 to .90	Add pr cask 2 90 (all kinds.)
Butts: 4"x 4" (p doz. pairs)				
Plain	1 60	1 20	90	1 35 2.00
Japaned	1 50	1 75	Not sold.	1 35 2.75
Acorn, Japaned	1 50	1 90	2 00 3.75	48 50
Ball Tip, Boston Finish (p pair)	65	50	Not sold.	1 25
Bronze metal	1 90	plain 1 65	2 00 3.25	1 00
Bronze (or supboards)	10	10	12	35
Ebony				37 1.00
Apple wood				
Knobs: (p Set.)				
Mineral, best	8	8	8 10	Not sold.
Lava	50	75	65 60	25 50
Hematite	Not sold	33	31 40	25 25
Porcelain	30	10	25 30	1 00 2.50
Glass, solid	Not sold	1 00	Not sold.	1 75 2.00
Glass, silvered	Not sold	88 1.00	50 1.50	50 3.50
Bronze metal	75 2.00	50 3.00	1 00 3.00	75 1.25
Brass	1 00 2.50	50 3.00	13 16	13 16
Solder:				
Sheet Lead		8 1	7	6 6
Lead Pipe			6 1	
Iron:				
I-Beams, up to and including 30 ft.	3 3-10 34	3 3-10	3 20	2 8-10
I-Beams, over 30 ft. 1, 1 1/2 & 2 advance.	3 3-10 84	3 3-10	3 70	2 8-10
Channel Beams				2 8-10

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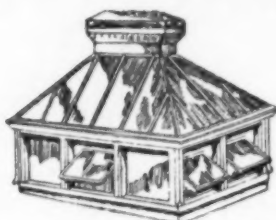
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Estimates furnished.

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Illustrated Catalogue on application.

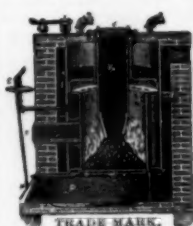
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The Dunning Patent Wrought Iron Boiler,



With Self-Feeding Coal Magazine, is the best for Low Pressure Steam Heating, and insures a warm house day and night. Over 14,500 in use. Keeps steam up constantly.

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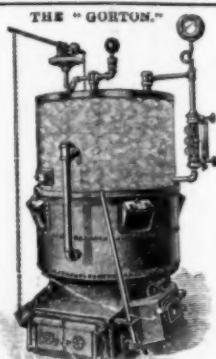
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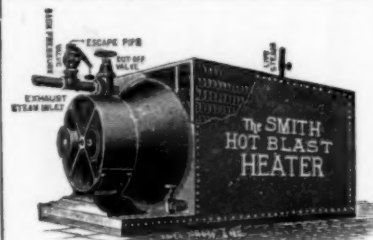
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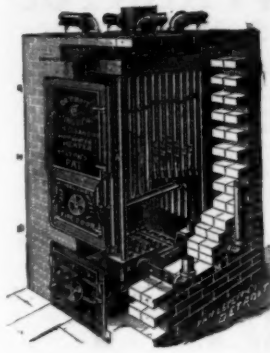


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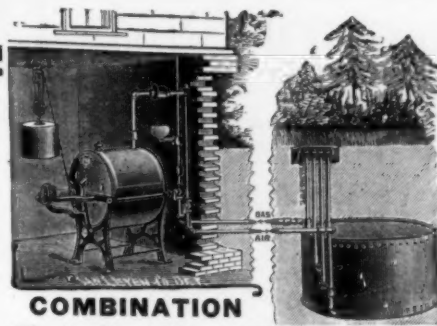


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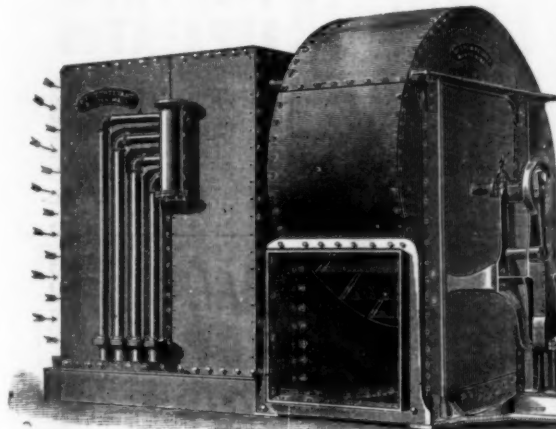
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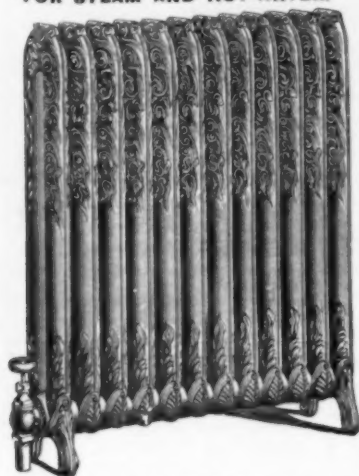
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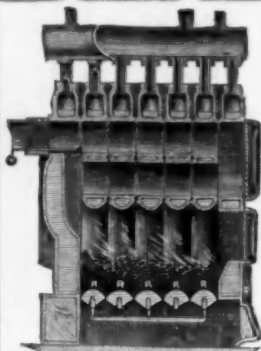
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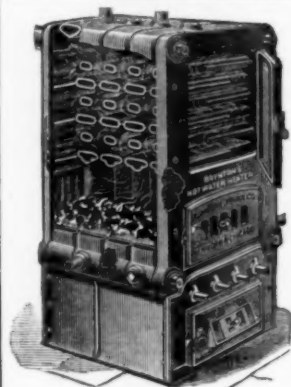
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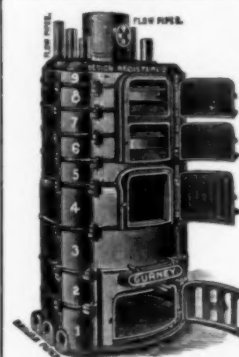
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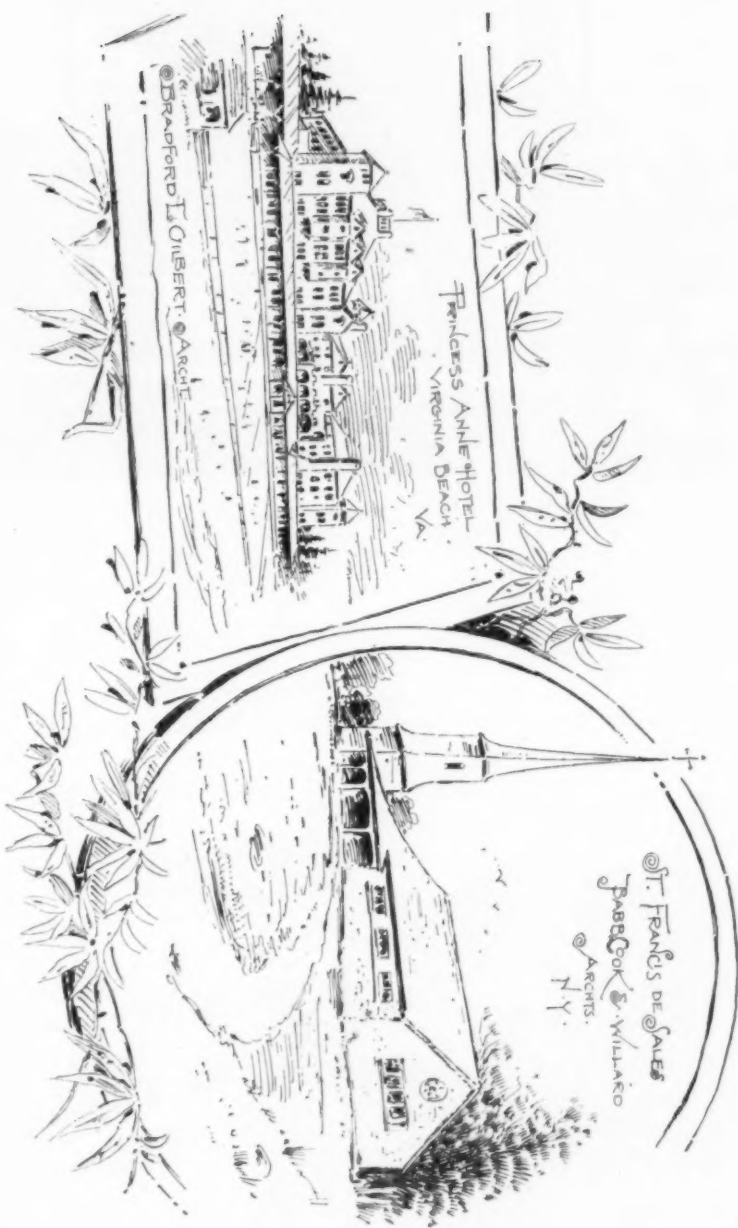
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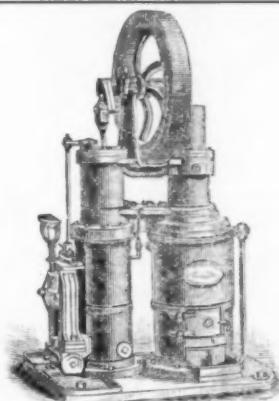
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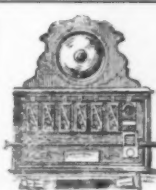
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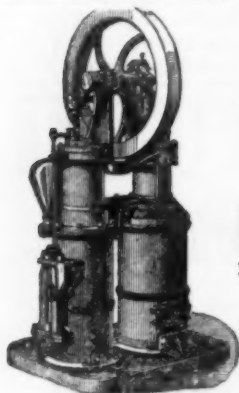
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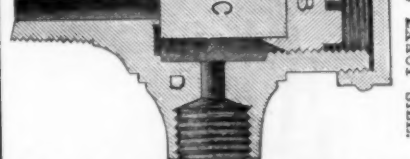
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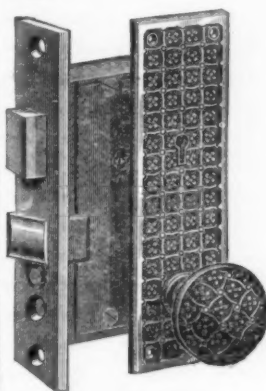
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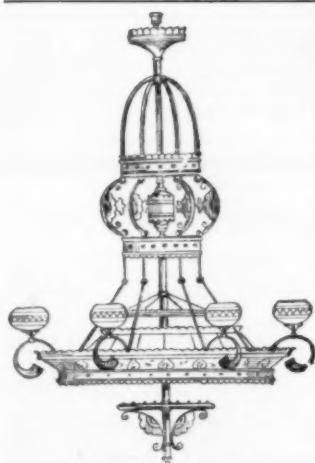
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Twenty-first St., Nos. 1610-12, two-st'y addition to stable; owner, C. K. Mayer, 1908 North Seventh St.
Island Road, w Seventy-third St., front alteration; contractor, George Kyle, Seventy-fifth St. and Avenue F.
Buckley St., No. 520, one-st'y addition to back building; contractors, E. F. Wells & Son, 4080 Spring Garden St.
Indiana Ave. and Marshall St., front and interior alteration; contractor, C. Glatter.
Venango St., No. 2206, interior alteration and bay-window; owner, J. B. Thompson, 1608 Baker St.
Centre St., w s n Germantown Ave., two-st'y addition to school-house; contractor, J. H. Jordan, Twenty-third and Jefferson Sts.
Sargeant St., s e cor. Gaul St., one-st'y addition to back building; contractor, Wm. D. Huston, 2517 North Sixth St.
Sansom St., No. 1704, one-st'y addition to factory; contractors, Kister & Orem, 129 South Seventh St.
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Pittsfield, Mass., Cebra Quackenbush, three-st'y brick addition to Academy of Music; cost, \$20,000; carpenter, C. E. Merrill.
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Cincinnati, O., Philip Klopp, four-st'y flats and store, Race St.; cost, \$10,000; architects, G. & A. Brink.
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One Hundred and Forty-second St., bet. Hamilton Pl. and Amsterdam Ave., 2 five-st'y flats, mottled brick and brownstone fronts; owner, Mark S. Stevens; architect, H. Van Benschoten.
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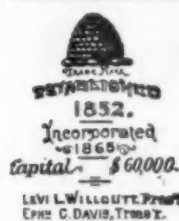
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Stanton St., No. 147, five-st'y brick flat, tin roof; cost, \$20,000; owners, Loomis & Parker, 115 East Eighty-ninth St.; architect, Charles Bentz, 163 Fourth Ave.

One Hundred and Thirty-third St., s s, 250' w Seventh Ave., 5 five-st'y brick flats, tin roofs; cost, \$158,000; owner, Franklin A. Thurston, 62 East Thirty-third St.; architect, Charles P. H. Gilbert, 18 Broadway.

Nineteenth St., n s, 30' w Lexington Ave., 2 five-st'y brick flats, tin roofs; cost, \$43,000; owners, Ebeling & Wennemer, 204 East Eighty-sixth St.; architect, Frank Wennemer, 204 East Eighty-sixth St.

Sixty-second St., s s, 250' e Amsterdam Ave., 4 five-st'y brick flats, tin roofs; cost, \$80,000; owner, Michael Hays, et al., 352 West Fifty-second St.; architect, James W. Cole, 403 West Fifty-first St.

West One Hundred and Twenty-sixth St., No. 158, four-st'y brick flat, tin roof; cost, \$29,000; owner, Fred Hollander, 27 East Fourth St.; architect, Hugo Kofka, 137 Broadway.

Knox St., No. 62, six-st'y brick, stone and terra-cotta flat; cost, \$22,000; owners, Fay & Staom; architect, Charles Bentz.

FACTORIES.

Cincinnati, O.—De Peral & Reunkeup, four-st'y factory, Kenner St.; cost, \$6,500; architects, G. & A. Brink.

Minneapolis, Minn.—R. B. Russell, four-st'y brick clothing factory, 311-315 First Ave., n; cost, \$21,000.

Philadelphia, Pa.—Fourth St., e s, s German St., three-st'y factory; owners, Sowney Bros.; architect, F. Miles Day; contractor, George W. Stewart, 2536 North Sixth St.

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New York, N. Y.—Forty-third St., s s, 125' w Fifth Ave., seven-st'y brick hotel, tin roof; cost, \$200,000; owner, David H. King, Jr., 35 Wall St.; architect, Bruce Price, Twentieth St. and Fifth Ave.

Twenty-seventh St., Nos. 39-41, seven-st'y brick hotel, gravel roof; cost, \$75,000; owner, E. S. Renwick, 19 Park Pl.; architects, Renwick, Aspinwall & Russell, 71 Broadway.

HOUSES.

Boston, Mass.—Meyers St., near Spruce St., Ward 23, frame dwell., 21.6' x 34'; owner and builder, A. R. Clark.

West Walnut Park, cor. Rongemont Pl., Ward 23, three-st'y frame dwell., flat roof, 24' x 61'; owner, Dennis Reardon; builder, Wm. Tobin.
Holmes Pl., near Mill St., Ward 24, frame dwell., 23' x 30'; owner, Elijah Piper; builder, D. Halliday, Jr.

Barrington St., cor. Clarkson St., Ward 24, frame dwell., 28' x 39'; owner and builder, J. T. Millard.

Bainbridge St., near Washington St., Ward 21, 2 three-st'y frame dwell., flat roofs, 27' x 52'; owner and builder, W. B. Quigley.

Sydney Pl., off Waterloo St., Ward 24, frame dwell., 29' x 43'; owner, Julia A. Baldwin; builder, H. N. Wyman.

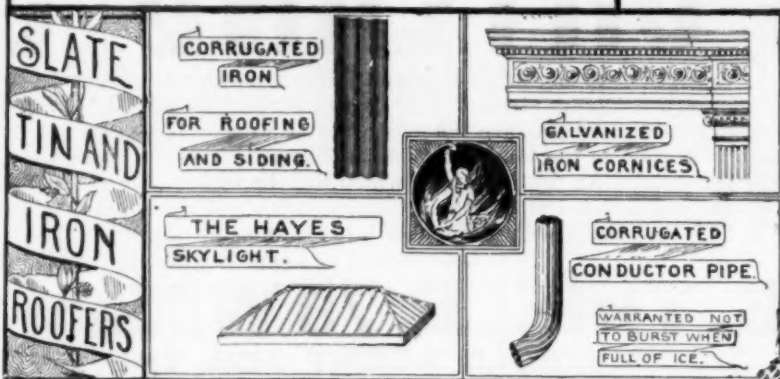
Ashmont St., near Wrentham St., Ward 21, three-st'y frame dwell., pitch roof, 34.8' x 36.4'; owner, Emma W. Pond; builders, J. H. Burt & Co.

Washington St., No. 2753, cor. Valentine St., Ward 21, 2 three-st'y frame dwell., flat roofs, 23' x 50'; owner, D. J. Driscoll; builder, J. J. Flynn.

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East Fifth St., No. 556, Ward 14, two-st'y frame dwell., flat roof, 20.6' x 67.6'; owner, W. H. Wall; builder, Thomas Rayner.

Richmond St., cor. Adams St., Ward 24, frame dwell., 24.6' x 38.6'; owner, Joseph D. Chute; builders, Chute Bros.

Lexington St., No. 276, Ward 1, two-st'y frame dwell., flat roof, 21' x 63.6'; owner, E. M. McPherson; builders, Frame & McPherson.

Brookline, Mass.—Winthrop Road, frame dwell., 40' x 50'; owner, Judge C. A. Drew; contract to be let; architect, O. F. Smith, Boston.

Brooklyn, N. Y.—Myrtle St., s s, 100' e Hamburg Ave., three-st'y frame dwell., tin roof; cost, \$4,000; owners, Kemp & Jager, next to premises, architect, Henry Vollweiler, 486 Hart St.

Walton St., No. 114, three-st'y frame dwell., tin roof, cost, \$5,000; owner, Franz Seiffert, 116 Walton St.; architect, H. Smith, 27 Moore St.

Montgomery Pl., n s, 353' e Eighth Ave., 4 three-st'y brick dwell., slate and tin roofs; cost, \$7,000 each; owners, Ford & Hagene, 59 Wall St., New York City; architect, George P. Chappell, 24 State St.

Forty-fifth St., s s, 200' e Third Ave., 5 two-st'y frame dwell., tin roofs; cost, \$2,500 each; owner, James G. Carroll, 198 Forty-fifth St.; architect, James L. Queensberry.

Fifty-first St., s s, 300' e Third Ave., 3 two-st'y frame dwell., tin roofs; cost, \$2,400 each; owner, Albert Seidler, 751 Fifth Ave.; architects, H. L. Spicer & Sons, Third Ave. and Fifty-third St.

Classon Ave., w s, 60' n Lexington Ave., four-st'y brick dwell., tin roof; cost, \$27,000; owner, Eliza K. Logan, Washington, Conn.; architects, Cady & Brewer, 13 Park Row, New York City.

Throop Ave., n s, 25' n Wallabout St., three-st'y frame dwell., tin roof; cost, \$3,000; owner, architect and builder, E. Feigenhauer, 43 Throop Ave.

Greene St., s s, 195' w Franklin St., four-st'y frame dwell., tin roof; cost, \$6,500; owner, M. Ruoff, 203 Franklin St.; architect, C. Dunkhase, 527 Grand St.

Kent St., s s, 175' e Oakland St., three-st'y frame dwell., tin roof; cost, \$1,500; owner, I. W. Bliss, 390 Manhattan Ave.; architect, C. Dunkhase, 527 Grand St.

Putnam Ave., n s, 100' e Reid Ave., 5 two-and-one-half-st'y brick dwell., tin roofs; cost, \$5,000 each; owner, architect and builder, Wm. O. Forrester, 1000 Herkimer St.

Himrod St., w s, 625' n Evergreen Ave., three-st'y frame dwell., tin roof; cost, \$4,500; owner, M.

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Kaiser, 91 Himrod St.; architect, F. J. Lessing, 952 Broadway.

Summers St., s s, 200' e Stone Ave., 5 two-st'y brick dwell., tin roofs; cost, \$3,000 each; owner architect and builder, Julius Frankel, 15 Pilling St.

Cambridge, Mass.—Agassiz St., frame dwell., 32' x 43'; owner, Edward L. Shaw; builder, A. Y. Currie; architects, Joseph R. and William P. Richards, Boston.

Cincinnati, O.—John Bruckmann, three-and-one-half-st'y dwell. and store, Colerain Ave.; cost, \$5,400; architect, Wm. Schroder.

Adam C. Luber, two-and-one-half-st'y dwell., Considine Ave.; cost, \$3,000; architects, G. & A. Brink.
A. Lampe, two-and-one-half-st'y dwell., Straight St.; cost, \$3,000; architects, Kuckutz & Pfeiffer.

Rev. Joseph Klosterman, two-and-one-half-st'y dwell., Orchard St.; cost, \$4,000; architects, G. & A. Brink.

Chicago, Ill.—Charles Lang, two-st'y dwell., 4210 Indiana Ave.; cost, \$2,800.

Myson Leonard, two-st'y dwell., 6600 Ellis St.; cost, \$4,500.

Louis Miller, 4 two-st'y dwell., 1723-29 York Pl.; cost, \$5,000.

C. M. Lasher, two-st'y dwell., 1905 Wellington Ave.; cost, \$14,000.

A. Aubert, cottage, Leavitt and Lincoln Aves.; cost, \$2,000.

J. W. Denberg, two-st'y dwell., Carpenter and Eighty-fifth Sts.; cost, \$2,000.

E. F. Bornogen, two-st'y dwell., 7050 Winter St.; cost, \$2,200.

B. Stieger, two-st'y dwell., 1553 Fulton St.; cost, \$4,000.

M. Suefert, one-st'y dwell., 402 California Ave.; cost, \$1,700.

A. Strickland, two-st'y dwell., 4039 Lake Ave.; cost, \$25,000.

S. E. Weaver, two-st'y dwell., 331 Hamlin St.; cost, \$1,400.

N. Peabody, cottage, 535 Thomas St.; cost, \$1,400.
Victor Forbair, two-st'y dwell., Maryland St., near Sixty-sixth St.; cost, \$2,000.

I. L. Burk, two-st'y dwell., 5343-45 Greenwood Ave.; cost, \$10,000.

Peter Hiteon, two-st'y dwell., 261 Eighty-first St.; cost, \$1,000.

Charles M. Meyers, two-st'y dwell., Kedzie and Diversey Sts.; cost, \$1,800.

J. J. Lindman, two-st'y dwell., 4815 Kimbark St.; cost, \$6,000.

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Holyoke, Mass.—O. D. Allyn, dwell., Locust and Hampden Sts.; architect, G. B. F. Alderman.

Little Rock, Ark.—J. H. Harrod will build a cottage on Twentieth St. and Broadway after the plans by Fred J. H. Rickon, to cost \$2,000. The same architect is preparing plans for three brick dwells. for Jas. R. Miller, to cost \$15,000.

Jamaica Plain, Mass.—Rockview St., frame dwell., 30' x 50'; owner, Hugh H. Coffin; contract to be let; architect, O. F. Smith, Boston.

Minneapolis, Minn.—Robert Jamison, frame dwell., Fifth St., s. e.; cost, \$6,000.
L. C. Linquist, frame dwell., 2616 Portland Ave.; cost, \$6,500.
George M. Blecker, two frame dwells., 2809-13 Hennepin Ave.; cost, \$16,000.
O. O. Mohr, 4 two-st'y frame dwells., 2311-13 Eleventh Ave., s.; cost, \$16,000.
A. G. Hanson, 3 two-st'y dwells., 2111-19 Ninth Ave., s.; cost, \$14,000.
H. L. Moore, three-st'y frame dwell., 410-412 Third Ave., s. e.; cost, \$5,000.
D. Royal, 2 two-st'y frame dwells., 1825-27 Sixteenth Ave., s.; cost, \$6,000.
C. M. Jepson, two-st'y frame dwell., 3524 South Lyndale Ave.; cost, \$4,500.
Wm. J. Moore, four frame dwells., 3037-43 Harriet Ave.; cost, \$14,000.

Newton Highlands, Mass.—Frame dwell., 25' x 50'; owner, Robert Levi; builder, S. G. Steeves; architect, O. F. Smith, Boston.
Frame dwell., 34' x 40'; 11 rooms, steam-heat; contract to be let; architect, J. F. Eaton, Boston.

New York, N. Y.—Park Ave., No. 90, four-st'y brick dwells., tin and tile roof; cost, \$31,000; owner, Cleveland H. Dodge, 11 Cliff St.; architects, Stratton & Ellingwood, 57 Broadway.
Seventieth St., n. s., 222 e Columbus Ave., 5 four-st'y stone dwells.; cost, \$125,000; owner, G. W. Ruddell; architect, G. A. Schellinger.

Philadelphia, Pa.—Fourth St., w. s., n Bristol St., two-st'y frame dwell.; contractor, Jos. Heaton, Marshall St., n Pike St.
Indiana Ave., s. s. w Rosehill St., s two-st'y dwells.; contractor, Jos. Fitzsimmons, Rosehill and Cambrin Sts.
Venango St., n. s., e Turner St., 2 two-st'y dwells.; contractor, Job Rutty, 517 Venango St.

BUILDING INTELLIGENCE.

Willow St., w. s., n Harrison St., 2 two-st'y dwells.; contractor, W. S. Roberts, 4915 Penn St.
Levick St., s. s., e G St., two-st'y dwell.; contractor, L. Altemus, Olney.
Mulberry St., w. s., n Orthodox St., 3 two-st'y dwells.; owners, Foulkrod & Foster, Lelper and Arrott Sts.
Forty-second St., w. s., n Market St., 1 three-st'y and 7 two-st'y dwells.; owner, John G. Ruff, 619 Cherry St.
Fortieth St., w. s., n Poplar St., 12 three-st'y dwells.; owner, William C. Merritt, Fortieth and Poplar Sts.
Sansom St., n. s., w Fifty-fifth St., two-st'y brick dwell.; owner, James Howie, Sansom St., w Fifty-fifth St.
Lyceum Ave., e s., n Mitchell St., two-st'y dwell.; contractor, H. R. Yocum, 410 Lyceum Ave.
Freedland Ave., e s., n Roxborough Ave., three-st'y dwell.; contractor, H. R. Yocum, 410 Lyceum Ave.
Parkers Ave., w s., n Pechin St., two-st'y dwell.; owner, P. E. Rasmussen, Parkers Ave.
Lehman St., n e cor. Wissahickon Ave., three-st'y dwell.; owner, H. K. Adams, 435 Arch St.
Mount Airy Ave., e Sprague St., two-st'y dwell.; contractor, A. S. Tourison, 5541 Germantown Ave.
K St., w s., n Kensington Ave., three-st'y dwell.; owner, Charles Williams, 3500 Kensington Ave.

OFFICE-BUILDINGS.
Chicago, Ill.—The Chicago Herald, seven-st'y office-building, 154-158 Washington St.; cost, \$300,000.

RAILROAD-BUILDINGS.
Chicago, Ill.—C. B. & Q. R. R., one-st'y depot building, Redie and Twenty-second Sts.; cost, \$3,500.

SCHOOL-HOUSES.
Chicago, Ill.—P. L. Briemann, three-st'y school-house, 899-903 Thirty-first St.; cost, \$15,000.
Providence, R. I.—Olneyville, frame school-house

(Continued on page xviii.)

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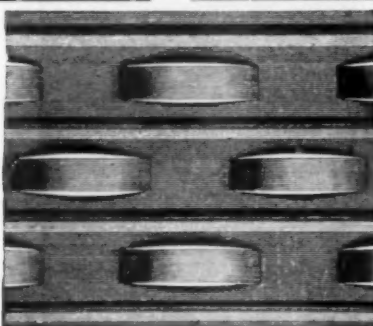
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STABLES.

New York, N. Y.—One Hundred and Forty-sixth St.,
s. s. bet. St. Nicholas and Amsterdam Aves., three-
st'y brick stable; owner, John Donnellon; archi-
tect, H. Van Benschoten.

One Hundred and Eighteenth St., e. s. 75' e First
Ave., three-st'y brick stable; cost, \$10,000; owner,
Joseph Gallagher.

One Hundred and Seventeenth St., s. s. 425' e Eighth
Ave., three-st'y brick stable, tin roof; cost, \$10,000;
owner, John M. Pinckney, 716 Madison Ave.; archi-
tect, G. Robinson, Jr., 247 West One Hundred and
Twenty-fifth St.

Rivington St., Nos. 8-10, two-st'y brick stable,
gravel roof; cost, \$5,000; owner, Edward Trapp, 18
Rivington St.; architect, William Graul, 215 Riving-
ton St.

Philadelphia, Pa.—Botanic St., w. s. s. Seventy-
seventh St., one-st'y stable; owner, W. J. Gar-
brecht, Botanic Ave. and Seventy-seventh St.

Tenth St., w. s. s. Oak Lane, two-st'y stable; owner,
Henry Becker, Oak Lane and Tenth St.

North Tenth St., Nos. 2025-28, two-st'y stable;
owner, Michael Smith, 1015 West Norris St.

Woodstock St., n. Berks St., stable; contractor, I.
S. Cornell, 1919 Woodstock St.

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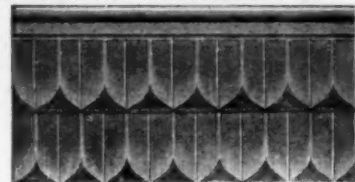
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stable; owner, H. K. Adams, 435 Arch St.
Sixteenth St., n. e. cor. Allegheny Ave., one-st'y
stable; owners, W. W. Binder & Son, 2037 Columbia
Ave.

STORES.

Brooklyn, N. Y.—Court St., e. s. 469 87' s Nelson St.
2 four-st'y brick stores and dwell., tin roofs; cost,
\$5,000 each; owner, John F. Nelson, 153 Carroll St.

Fifth Ave., s. w. cor. Fourteenth St., four-st'y
brick store, tin roof; cost, \$8,000; owner, William
Bolton, on premises; builder, Wm. Corrigan, Elev-
enth St. and Fifth Ave.

Third Ave., n. e. cor. Forty-sixth St., 2 three-st'y
frame stores and dwell., tin roofs; cost, \$10,000;
owner, Mrs. Catharine Schneider, 688 Third Ave.;
architect, C. P. Robideau, 169 Twenty-second St.

Myrtle Ave., n. e. cor. Grand Ave., one-st'y brick
store, cement and gravel roof; cost, \$5,000; owner,
Joseph Casey, 159 Myrtle Ave.; architect, W. M.
Coots, 26 Court St.

Fourth Ave., n. w. cor. Seventh St., four-st'y brick
store and dwell., tin roof; cost, \$12,000; owner,
Charles Collins, 404 Ninth St.; architect, J. G.
Glover, 186 Remsen St.

Fourth Ave., n. e. cor. Thirty-second St., three-st'y

BUILDING INTELLIGENCE.

frame store and dwell., tin roof; cost, \$3,000; owner,
Mr. Stout, 14 Sixteenth St.; architect, Thos. Ben-
nett, Third Ave. and Forty-ninth St.

Greenfield, Mass.—Mr. Keith, three-st'y brick store
and office building, School St.

Minneapolis, Minn.—Willis & Dunham and Dickin-
son & Cunningham, five-st'y brick and stone store-
building, 619-621 Nicollet Ave.; cost, \$60,000.

New York, N. Y.—Laight St., n. w. cor. Eleventh St.,
six-st'y brick store, metal roof; cost, \$30,000; owner,
Louise L. Williams, 871 Madison Ave.; architects,
John B. Snook & Son, 12 Chambers St.

Twenty-seventh St., n. e. cor. Eleventh Ave., two-
st'y brick store, tin roof; cost, \$5,000; owner, Thos.
E. Crimmins, Park Ave. and Twenty-sixth St.

architect, John H. Friend, 148 Alexander Ave.
North Moore St., No. 81, four-st'y brick store, tin
roof; cost, \$7,000; owner, Perry Dickie, 200 Scher-
merhorn St., Brooklyn; architect, Charles E. Had-
den, 102 South Fifth Ave.

Laight St., No. 30, six-st'y brick store and ware-
house, tin roof; cost, \$45,000; owner, Francis Leg-
gett, Fifth Ave. and Thirty-ninth St.; architect, W.
Wheeler Smith, 971 Madison Ave.

Canal St., No. 528, six-st'y brick store, tin roof;

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Thirteenth St., five-sty brick workshop, tin roof;
cost, \$25,000; owner, G. W. Astor, 23 West Twenty-
sixth St.; architect, Henry Dudley, 49 Wall St.

Ninety-first St., n s, 250 e Second Ave., one-sty
brick workshop, tin roof; cost, \$2,000; owner, Anton
Hoffman, 118 East Ninety-second St.; architect,
Charles Stegmayer, 306 East Eighty-second St.

Sixth Ave., s e cor. Sixteenth St., three-sty brick
savings bank building, terra-cotta arch and tile
roof; cost, \$250,000; owner, Greenwich Savings
Bank, 256 West Fifty-second St.; architect, Robert
W. Gibson, 18 Wall St.

Philadelphia, Pa.—Fifty-third St., w s s Media
St., three-sty bay-window and two-sty kitchen;
owner, Cyrus Chambers, Overbrook, Pa.

North Eighth St., No. 10, two-sty back building;
contractor, W. J. Guenther, 46 Herman St.

North Twenty-first St., No. 3212, two-sty kitchen;
contractor, A. B. Lewis, 1916 Cayuga St.

Providence, R. I.—Stuart St. and Warner's Lane,
brick building for American Electrical Works; cost,
\$20,000; builder, J. W. Briggs.

Brick and stone gymnasium for Brown University;
architects, Stone, Carpenter & Willson.
Sprague St., brick building for Mechanical Fabric
Co.; builder, Freeborn Johnson.

St. Louis, Mo.—Three-sty brick club and gymna-
sium; cost, \$5,500; owner, Past Time Gymnasium;
contractors, Goesse & Remmers.

[Continued in Supplement.]

PROPOSALS.

October 28, 1890. Sealed proposals will be re-
ceived at the office of the Supervising Architect,
Treasury Department, Washington, D. C., until 2
o'clock P. M. on the 25th day of November, 1890, for
all the labor and materials required for the erection
and completion of the United States Court-house,
Custom-house and Post-office building at Brown-
ville, Texas, in accordance with the drawings and
specification, copies of which may be had on applica-
tion at this office or the office of the Superintendent
at Brownsville, Texas. Each bid must be accom-
panied by a certified check for \$500. The Department
will reject all bids received after the time herein
stated for opening the same; also, bids which do not
strictly comply with all the requirements of this in-
vitation. Proposals must be enclosed in an envelope
sealed and marked "Proposal for the Erection and
Completion of the United States Court-house, Custom-
house and Post-office building at Brownsville, Texas,"
and addressed to JAS. H. WINDRIM, Supervising
Architect.

October 25, 1890. Sealed proposals will be received
at the office of the Supervising Architect, Treasury
Department, Washington, D. C., until 2 o'clock P. M.
on the 19th day of November, 1890, for all the labor

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cost, \$13,000; owner, Morris S. Herman, 29 West One
Hundred and Fifteenth St.; architect, Franklin
Baylies, 51-52 Bible House.

West Fourth St., Nos. 18-20, six-sty brick store,
tin roof; cost, \$80,000; owner and architect, Albert
Wagner, 76 East Ninety-second St.

Philadelphia, Pa.—Fourth St., e s s McKean St.,
three-sty store and dwell.; owner, J. J. Cassidy,
Moyamensing Ave. and McKean St.

Forty-ninth St., w s s Lancaster Ave., two-sty
store and dwell. and two-sty store; contractor, W.
A. Patterson, 5330 Westminister Ave.

Indiana Ave., w Roschill St., two-sty store and
dwell.; contractor, Jos. Fitzsimmons, s w cor.
Roschill and Cambria Sts.

Haverford Ave., n s w Thirty-sixth St., three-sty
store and dwell.; owner, T. E. Hurley, 621 North
Thirty-third St.

Nineteenth St., n e cor. Moore St., two-sty store
and dwell.; contractor, George A. Wagner, 1554
Bancroft St.

Wharton St., n s w Thirty-fifth St., 3 two-sty
stores and dwells.; contractor, William Marshall,
1520 South Twentieth St.

Tucker St., n s w Fifteenth St., 2 two-sty stores
and dwells.; owner, Wm. C. Carman, 1546 North
Twelfth St.

St. Louis, Mo.—Two-sty brick store and rooms;
cost, \$4,200; owner, Henry Roy; contractor, C.
Hencke.

TENEMENT-HOUSES.

Holyoke, Mass.—A. E. Crosby, five-sty brick tenement
block; cost, \$36,000; contractors, T. St. Martin
& Son.

Minneapolis, Minn.—N. B. Le Blond, three-sty
brick venter tenement, 901-909 Fifth Ave., n; cost,
\$22,000.

S. Jones & Son, two-sty brick tenement, 810-820
Laurel Ave.; cost, \$8,000.

BUILDING INTELLIGENCE.

New York, N. Y.—West Forty-eighth St., No. 439
five-sty brick tenement, tin roof; cost, \$13,500;
owner, Alexander Moore, 316 West Fifty-first St.;
architect, George Keister, 55 West Thirty-third St.

WAREHOUSES.

Chicago, Ill.—Armour & Co., six-sty warehouse,
Forty-third and Center Sts.; cost, \$18,000.

St. Louis, Mo.—Three-sty brick warehouse; cost,
\$7,000; owners and contractors, Cox & Gordon.

MISCELLANEOUS.

Athol, Mass.—Millers River National Bank, four-
sty brick bank-buildings; contractors, H. F. Cum-
mings & Co.

Boston, Mass.—Prince St., No. 86, rear, Ward 7,
one-sty brick mechanical building, flat roof, 25' x
56.6'; owners, Producers' Marble Co.; builder, John
Kelly.

Brooklyn, N. Y.—Smith St., No. 16, one-sty brick
workshop, tin roof; cost, \$3,350; owners, N. Y. &
N. J. Telephone Co., 16 Smith St.; architect, T. F.
Houghton, 340 Fulton St.

Chicago, Ill.—Helen C. Wagner, basement, 780
Southport Ave.; cost, \$1,500.

C. H. Wyman, one-sty coliseum, Throop and
Madison Sts.; cost, \$20,000.

Link-Belt Machine Co., two-sty machine-shop,
Thirty-ninth St. and Stewart Ave.; cost, 75,000.

Cincinnati, O.—Wm. C. Kennett, tannery, Central
Ave.; cost, \$4,000; architect, William Miller.

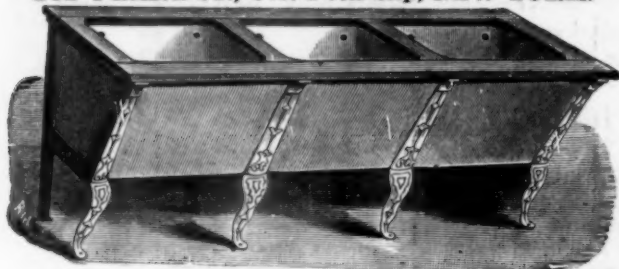
Enquire & Co., printing-office, College St.; cost,
\$11,000; architect, Sam Hannaford.

Holyoke, Mass.—John Cleary, five-sty brick busi-
ness block, granite trimmings, cor. High and John
Sts.; contractor, J. Cleary.

Minneapolis, Minn.—Minneapolis Club, brick club-
house, cor. Sixth St. and First Ave., s; cost, \$75,-
000.

R. R. Howell & Co., three-sty brick foundry,

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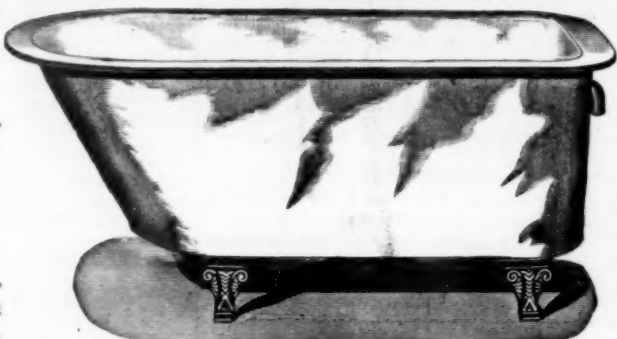
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PROPOSALS.

and materials required to furnish and fix in place complete the low-pressure, return-circulation, steam-heating and ventilating apparatus, and to complete the plumbing of the United States Court-house, Post-office, etc., building at Winona, Minn., in strict accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Winona, Minn. Each bid must be accompanied by a certified check for \$300. The Department will reject all bids received after the time herein fixed for opening the same; also, all bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for Low-pressure, Steam-heating and Ventilating Apparatus, and for Completion of the Plumbing of the United States Court-house, Post-office, etc., building at Winona, Minn.," and addressed to JAS. H. WINDRIM, Supervising Architect. 776

October 25, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 20th day of November, 1890, for all the labor and materials necessary to complete the approaches, mailing platform, post-office lookout, etc., for the United States Court-house and Post-office building at Pittsburgh, Pa., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$300. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in an envelope sealed and marked "Proposal for the Approaches, Mailing Platform, Post-office Lookout, etc., for the United States Court-house and Post-office building at Pittsburgh, Pa.," and addressed to JAS. H. WINDRIM, Supervising Architect. 776

October 25, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 18th day of November, 1890, for all the labor and materials required for the joinery-work, wood flooring, etc., for the United States Court-house and Post-office building at Pittsburgh, Pa., in accordance with drawings and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$500. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Each proposal must be enclosed in an envelope sealed and marked "Proposal for the Joinery-work, Wood Flooring, etc., for the United States Court-house and Post-office building at Pittsburgh, Pa.," and addressed to JAS. H. WINDRIM, Supervising Architect. 776

October 15, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 12th day of November, 1890, for all the labor and materials required for the superstructure and completion (except heating apparatus, elevator and approaches) of the United States Custom-house,

PROPOSALS.

Court-house and Post-office building at El Paso, Texas, in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$500. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in an envelope sealed and marked "Proposal for the Superstructure and Completion of the United States Custom-house, Court-house and Post-office building at El Paso, Texas," and addressed to JAS. H. WINDRIM, Supervising Architect. 775

Proposals for Dredging. United States Engineer Office, Mobile, Ala., October 20, 1890. Sealed proposals for dredging in Mobile Harbor, Ala., Biloxi Harbor, Miss., and Pascagoula River, Miss., will be received at this office until 12 o'clock M. Thursday, the 20th day of November, 1890, and opened immediately thereafter in presence of bidders. Specifications, general instructions to bidders and blank forms of proposal will be furnished on application to this office. The attention of bidders is invited to the Acts of Congress approved February 26, 1885, and February 23, 1887, Vol. 23, Page 332, and Vol. 24, page 414, Statutes at Large. A. N. DAMRELL, Major of Engineers, U. S. A. 776

October 16, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 11th day of November, 1890, for all the labor and materials required for the approaches to the United States Court-house, Post-office, etc., building at Louisville, Ky., in accordance with the drawing and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$500. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in an envelope sealed and marked "Proposal for the Approaches to the United States Court-house, Post-office, etc., building at Louisville, Ky.," and addressed to JAS. H. WINDRIM, Supervising Architect. 775

October 17, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 14th day of November, 1890, for all the labor and materials required to do all the decorative painting, etc., for the first, second and attic stories and main stairway hall of the United States Post-office, etc., building at Springfield, O., in accordance with the specification and general plans of building, which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Bids must be enclosed in an envelope sealed and marked "Proposal for Decorative Painting, etc., for the United States Post-office, etc., building at Springfield, O.," and addressed to JAS. H. WINDRIM, Supervising Architect. 775

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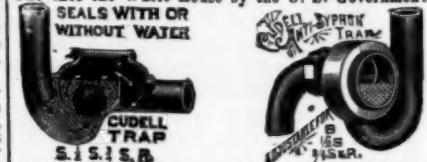
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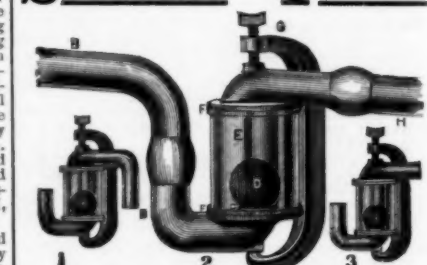
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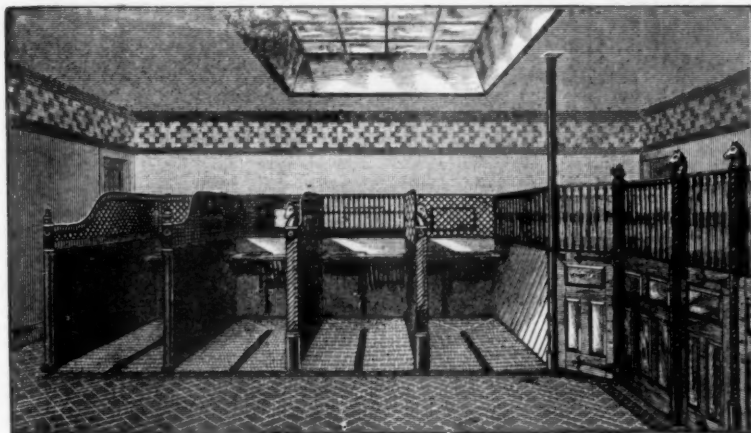
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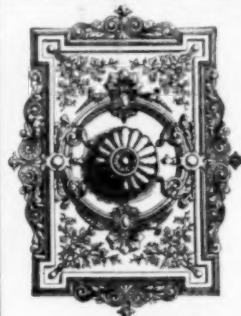
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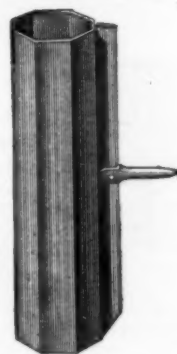
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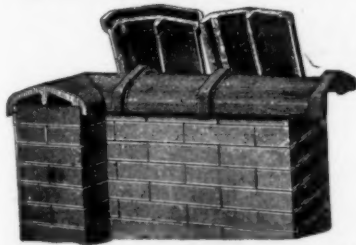
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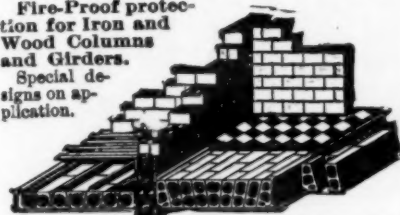
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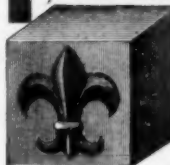
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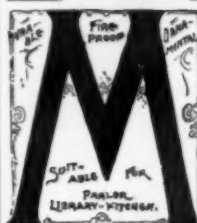
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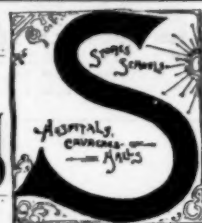
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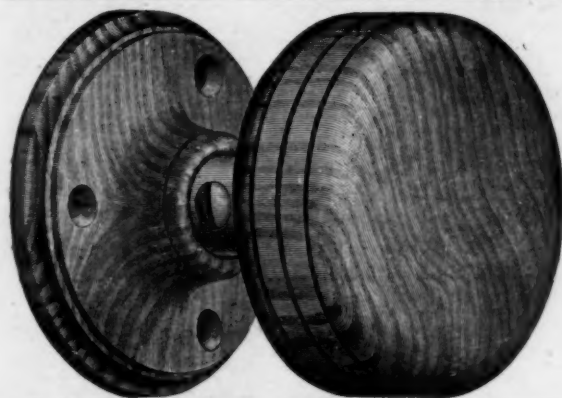
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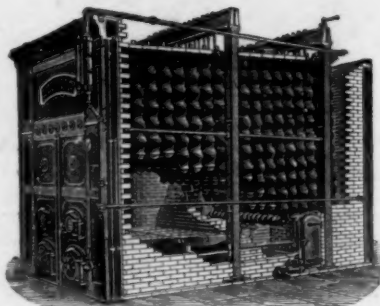
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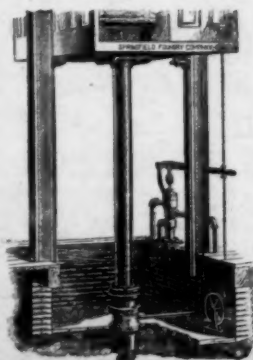
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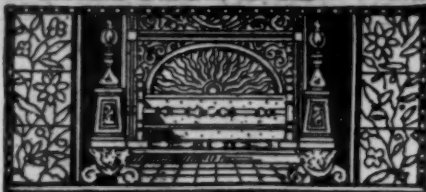
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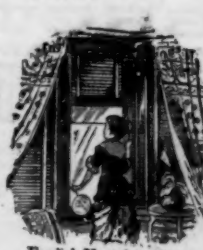
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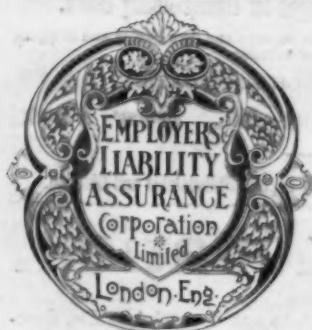
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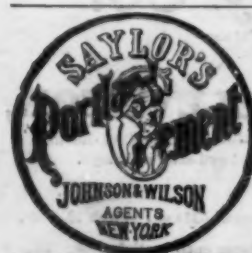
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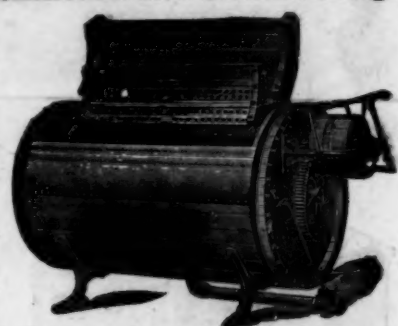
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3/4"	1 1/2 lb.	3/4"	1 1/2 lb.	3/4"	1 1/2 lb.	3/4"	1 1/2 lb.	3/4"	1 1/2 lb.	3/4"	1 1/2 lb.
1"	2 lb.	1"	2 lb.	1"	2 lb.	1"	2 lb.	1"	2 lb.	1"	2 lb.
1 1/4"	2 1/2 lb.	1 1/4"	2 1/2 lb.	1 1/4"	2 1/2 lb.	1 1/4"	2 1/2 lb.	1 1/4"	2 1/2 lb.	1 1/4"	2 1/2 lb.
1 1/2"	3 lb.	1 1/2"	3 lb.	1 1/2"	3 lb.	1 1/2"	3 lb.	1 1/2"	3 lb.	1 1/2"	3 lb.
1 3/4"	3 1/2 lb.	1 3/4"	3 1/2 lb.	1 3/4"	3 1/2 lb.	1 3/4"	3 1/2 lb.	1 3/4"	3 1/2 lb.	1 3/4"	3 1/2 lb.
2"	4 lb.	2"	4 lb.	2"	4 lb.	2"	4 lb.	2"	4 lb.	2"	4 lb.
2 1/4"	4 1/2 lb.	2 1/4"	4 1/2 lb.	2 1/4"	4 1/2 lb.	2 1/4"	4 1/2 lb.	2 1/4"	4 1/2 lb.	2 1/4"	4 1/2 lb.
2 1/2"	5 lb.	2 1/2"	5 lb.	2 1/2"	5 lb.	2 1/2"	5 lb.	2 1/2"	5 lb.	2 1/2"	5 lb.
2 3/4"	5 1/2 lb.	2 3/4"	5 1/2 lb.	2 3/4"	5 1/2 lb.	2 3/4"	5 1/2 lb.	2 3/4"	5 1/2 lb.	2 3/4"	5 1/2 lb.
3"	6 lb.	3"	6 lb.	3"	6 lb.	3"	6 lb.	3"	6 lb.	3"	6 lb.
3 1/4"	6 1/2 lb.	3 1/4"	6 1/2 lb.	3 1/4"	6 1/2 lb.	3 1/4"	6 1/2 lb.	3 1/4"	6 1/2 lb.	3 1/4"	6 1/2 lb.
3 1/2"	7 lb.	3 1/2"	7 lb.	3 1/2"	7 lb.	3 1/2"	7 lb.	3 1/2"	7 lb.	3 1/2"	7 lb.
3 3/4"	7 1/2 lb.	3 3/4"	7 1/2 lb.	3 3/4"	7 1/2 lb.	3 3/4"	7 1/2 lb.	3 3/4"	7 1/2 lb.	3 3/4"	7 1/2 lb.
4"	8 lb.	4"	8 lb.	4"	8 lb.	4"	8 lb.	4"	8 lb.	4"	8 lb.
4 1/4"	8 1/2 lb.	4 1/4"	8 1/2 lb.	4 1/4"	8 1/2 lb.	4 1/4"	8 1/2 lb.	4 1/4"	8 1/2 lb.	4 1/4"	8 1/2 lb.
4 1/2"	9 lb.	4 1/2"	9 lb.	4 1/2"	9 lb.	4 1/2"	9 lb.	4 1/2"	9 lb.	4 1/2"	9 lb.
4 3/4"	9 1/2 lb.	4 3/4"	9 1/2 lb.	4 3/4"	9 1/2 lb.	4 3/4"	9 1/2 lb.	4 3/4"	9 1/2 lb.	4 3/4"	9 1/2 lb.
5"	10 lb.	5"	10 lb.	5"	10 lb.	5"	10 lb.	5"	10 lb.	5"	10 lb.
5 1/4"	10 1/2 lb.	5 1/4"	10 1/2 lb.	5 1/4"	10 1/2 lb.	5 1/4"	10 1/2 lb.	5 1/4"	10 1/2 lb.	5 1/4"	10 1/2 lb.
5 1/2"	11 lb.	5 1/2"	11 lb.	5 1/2"	11 lb.	5 1/2"	11 lb.	5 1/2"	11 lb.	5 1/2"	11 lb.
5 3/4"	11 1/2 lb.	5 3/4"	11 1/2 lb.	5 3/4"	11 1/2 lb.	5 3/4"	11 1/2 lb.	5 3/4"	11 1/2 lb.	5 3/4"	11 1/2 lb.
6"	12 lb.	6"	12 lb.	6"	12 lb.	6"	12 lb.	6"	12 lb.	6"	12 lb.
6 1/4"	12 1/2 lb.	6 1/4"	12 1/2 lb.	6 1/4"	12 1/2 lb.	6 1/4"	12 1/2 lb.	6 1/4"	12 1/2 lb.	6 1/4"	12 1/2 lb.
6 1/2"	13 lb.	6 1/2"	13 lb.	6 1/2"	13 lb.	6 1/2"	13 lb.	6 1/2"	13 lb.	6 1/2"	13 lb.
6 3/4"	13 1/2 lb.	6 3/4"	13 1/2 lb.	6 3/4"	13 1/2 lb.	6 3/4"	13 1/2 lb.	6 3/4"	13 1/2 lb.	6 3/4"	13 1/2 lb.
7"	14 lb.	7"	14 lb.	7"	14 lb.	7"	14 lb.	7"	14 lb.	7"	14 lb.
7 1/4"	14 1/2 lb.	7 1/4"	14 1/2 lb.	7 1/4"	14 1/2 lb.	7 1/4"	14 1/2 lb.	7 1/4"	14 1/2 lb.	7 1/4"	14 1/2 lb.
7 1/2"	15 lb.	7 1/2"	15 lb.	7 1/2"	15 lb.	7 1/2"	15 lb.	7 1/2"	15 lb.	7 1/2"	15 lb.
7 3/4"	15 1/2 lb.	7 3/4"	15 1/2 lb.	7 3/4"	15 1/2 lb.	7 3/4"	15 1/2 lb.	7 3/4"	15 1/2 lb.	7 3/4"	15 1/2 lb.
8"	16 lb.	8"	16 lb.	8"	16 lb.	8"	16 lb.	8"	16 lb.	8"	16 lb.
8 1/4"	16 1/2 lb.	8 1/4"	16 1/2 lb.	8 1/4"	16 1/2 lb.	8 1/4"	16 1/2 lb.	8 1/4"	16 1/2 lb.	8 1/4"	16 1/2 lb.
8 1/2"	17 lb.	8 1/2"	17 lb.	8 1/2"	17 lb.	8 1/2"	17 lb.	8 1/2"	17 lb.	8 1/2"	17 lb.
8 3/4"	17 1/2 lb.	8 3/4"	17 1/2 lb.	8 3/4"	17 1/2 lb.	8 3/4"	17 1/2 lb.	8 3/4"	17 1/2 lb.	8 3/4"	17 1/2 lb.
9"	18 lb.	9"	18 lb.	9"	18 lb.	9"	18 lb.	9"	18 lb.	9"	18 lb.
9 1/4"	18 1/2 lb.	9 1/4"	18 1/2 lb.	9 1/4"	18 1/2 lb.	9 1/4"	18 1/2 lb.	9 1/4"	18 1/2 lb.	9 1/4"	18 1/2 lb.
9 1/2"	19 lb.	9 1/2"	19 lb.	9 1/2"	19 lb.	9 1/2"	19 lb.	9 1/2"	19 lb.	9 1/2"	19 lb.
9 3/4"	19 1/2 lb.	9 3/4"	19 1/2 lb.	9 3/4"	19 1/2 lb.	9 3/4"	19 1/2 lb.	9 3/4"	19 1/2 lb.	9 3/4"	19 1/2 lb.
10"	20 lb.	10"	20 lb.	10"	20 lb.	10"	20 lb.	10"	20 lb.	10"	20 lb.
10 1/4"	20 1/2 lb.	10 1/4"	20 1/2 lb.	10 1/4"	20 1/2 lb.	10 1/4"	20 1/2 lb.	10 1/4"	20 1/2 lb.	10 1/4"	20 1/2 lb.
10 1/2"	21 lb.	10 1/2"	21 lb.	10 1/2"	21 lb.	10 1/2"	21 lb.	10 1/2"	21 lb.	10 1/2"	21 lb.
10 3/4"	21 1/2 lb.	10 3/4"	21 1/2 lb.	10 3/4"	21 1/2 lb.	10 3/4"	21 1/2 lb.	10 3/4"	21 1/2 lb.	10 3/4"	21 1/2 lb.
11"	22 lb.	11"	22 lb.	11"	22 lb.	11"	22 lb.	11"	22 lb.	11"	22 lb.
11 1/4"	22 1/2 lb.	11 1/4"	22 1/2 lb.	11 1/4"	22 1/2 lb.	11 1/4"	22 1/2 lb.	11 1/4"	22 1/2 lb.	11 1/4"	22 1/2 lb.
11 1/2"	23 lb.	11 1/2"	23 lb.	11 1/2"	23 lb.	11 1/2"	23 lb.	11 1/2"	23 lb.	11 1/2"	23 lb.
11 3/4"	23 1/2 lb.	11 3/4"	23 1/2 lb.	11 3/4"	23 1/2 lb.	11 3/4"	23 1/2 lb.	11 3/4"	23 1/2 lb.	11 3/4"	23 1/2 lb.
12"	24 lb.	12"	24 lb.	12"	24 lb.	12"	24 lb.	12"	24 lb.	12"	24 lb.
12 1/4"	24 1/2 lb.	12 1/4"	24 1/2 lb.	12 1/4"	24 1/2 lb.	12 1/4"	24 1/2 lb.	12 1/4"	24 1/2 lb.	12 1/4"	24 1/2 lb.
12 1/2"	25 lb.	12 1/2"	25 lb.	12 1/2"	25 lb.	12 1/2"	25 lb.	12 1/2"	25 lb.	12 1/2"	25 lb.
12 3/4"	25 1/2 lb.	12 3/4"	25 1/2 lb.	12 3/4"	25 1/2 lb.	12 3/4"	25 1/2 lb.	12 3/4"	25 1/2 lb.	12 3/4"	25 1/2 lb.
13"	26 lb.	13"	26 lb.	13"	26 lb.	13"	26 lb.	13"	26 lb.	13"	26 lb.
13 1/4"	26 1/2 lb.	13 1/4"	26 1/2 lb.	13 1/4"	26 1/2 lb.	13 1/4"	26 1/2 lb.	13 1/4"	26 1/2 lb.	13 1/4"	26 1/2 lb.
13 1/2"	27 lb.	13 1/2"	27 lb.	13 1/2"	27 lb.	13 1/2"	27 lb.	13 1/2"	27 lb.	13 1/2"	27 lb.
13 3/4"	27 1/2 lb.	13 3/4"	27 1/2 lb.	13 3/4"	27 1/2 lb.	13 3/4"	27 1/2 lb.	13 3/4"	27 1/2 lb.	13 3/4"	27 1/2 lb.
14"	28 lb.	14"	28 lb.	14"	28 lb.	14"	28 lb.	14"	28 lb.	14"	28 lb.
14 1/4"	28 1/2 lb.	14 1/4"	28 1/2 lb.	14 1/4"	28 1/2 lb.	14 1/4"	28 1/2 lb.	14 1/4"	28 1/2 lb.	14 1/4"	28 1/2 lb.
14 1/2"	29 lb.	14 1/2"	29 lb.	14 1/2"	29 lb.	14 1/2"	29 lb.	14 1/2"	29 lb.	14 1/2"	29 lb.
14 3/4"	29 1/2 lb.	14 3/4"	29 1/2 lb.	14 3/4"	29 1/2 lb.	14 3/4"	29 1/2 lb.	14 3/4"	29 1/2 lb.	14 3/4"	29 1/2 lb.
15"	30 lb.	15"	30 lb.	15"	30 lb.	15"	30 lb.	15"	30 lb.	15"	30 lb.
15 1/4"	30 1/2 lb.	15 1/4"	30 1/2 lb.	15 1/4"	30 1/2 lb.	15 1/4"	30 1/2 lb.	15 1/4"	30 1/2 lb.	15 1/4"	30 1/2 lb.
15 1/2"	31 lb.	15 1/2"	31 lb.	15 1/2"	31 lb.	15 1/2"	31 lb.	15 1/2"	31 lb.	15 1/2"	31 lb.
15 3/4"	31 1/2 lb.	15 3/4"	31 1/2 lb.	15 3/4"	31 1/2 lb.	15 3/4"	31 1/2 lb.	15 3/4"	31 1/2 lb.	15 3/4"	31 1/2 lb.
16"	32 lb.	16"	32 lb.	16"	32 lb.	16"	32 lb.	16"	32 lb.	16"	32 lb.
16 1/4"	32 1/2 lb.	16 1/4"	32 1/2 lb.	16 1/4"	32 1/2 lb.	16 1/4"	32 1/2 lb.	16 1/4"	32 1/2 lb.	16 1/4"	32 1/2 lb.
16 1/2"	33 lb.	16 1/2"	33 lb.	16 1/2"	33 lb.	16 1/2"	33 lb.	16 1/2"	33 lb.	16 1/2"	33 lb.
16 3/4"	33 1/2 lb.	16 3/4"	33 1/2 lb.	16 3/4"	33 1/2 lb.	16 3/4"	33 1/2 lb.	16 3/4"	33 1/2 lb.	16 3/4"	33 1/2 lb.
17"	34 lb.	17"	34 lb.	17"	34 lb.	17"	34 lb.	17"	34 lb.	17"	34 lb.
17 1/4"	34 1/2 lb.	17 1/4"	34 1/2 lb.	17 1/4"	34 1/2 lb.	17 1/4"	34 1/2 lb.	17 1/4"	34 1/2 lb.	17 1/4"	34 1/2 lb.
17 1/2"	35 lb.	17 1/2"	35 lb.	17 1/2"	35 lb.	17 1/2"	35 lb.	17 1/2"	35 lb.	17 1/2"	35 lb.
17 3/4"	35 1/2 lb.	17 3/4"	35 1/2 lb.	17 3/4"	35 1/2 lb.	17 3/4"	35 1/2 lb.	17 3/4"	35 1/2 lb.	17 3/4"	35 1/2 lb.
18"	36 lb.	18"	36 lb.	18"	36 lb.	18"	36 lb.	18"	36 lb.	18"	36 lb.
18 1/4"	36 1/2 lb.	18 1/4"	36 1/2 lb.	18 1/4"	36 1/2 lb.	18 1/4"	36 1/2 lb.	18 1/4"	36 1/2 lb.	18 1/4"	36 1/2 lb.
18 1/2"	37 lb.	18 1/2"	37 lb.	18 1/2"	37 lb.	18 1/2"	37 lb.	18 1/2"	37 lb.	18 1/2"	37 lb.
18 3/4"	37 1/2 lb.	18 3/4"	37 1/2 lb.	18 3/4"	37 1/2 lb.	18 3/4"	37 1/2 lb.	18 3/4"	37 1/2 lb.	18 3/4"	37 1/2 lb.
19"	38 lb.	19"	38 lb.	19"	38 lb.	19"	38 lb.	19"	38 lb.	19"	38 lb.
19 1/4"	38 1/2 lb.	19 1/4"	38 1/2 lb.	19 1/4"	38 1/2 lb.	19 1/4"	38 1/2 lb.	19 1/4"	38 1/2 lb.	19 1/4"	38 1/2 lb.
19 1/2"	39 lb.	19 1/2"	39 lb.	19 1/2"	39 lb.	19 1/2"	39 lb.	19 1/2"	39 lb.	19 1/2"	39 lb.
19 3/4"	39 1/2 lb.	19 3/4"	39 1/2 lb.	19 3/4"	39 1/2 lb.	19 3/4"	39 1/2 lb.	19 3/4"	39 1/2 lb.	19 3/4"	39 1/2 lb.
20"	40 lb.	20"	40 lb.	20"	40 lb.	20"	40 lb.	20"	40 lb.	20"	40 lb.
20 1/4"	40 1/2 lb.	20 1/4"	40 1/2 lb.	20 1/4"	40 1/2 lb.	20 1/4"	40 1/2 lb.	20 1/4"	40 1/2 lb.	20 1/4"	40 1/2 lb.
20 1/2"	41 lb.	20 1/2"	41 lb.	20 1/2"	41 lb.	20 1/2"	41 lb.	20 1/2"	41 lb.	20 1/2"	41 lb.
20 3/4"	41 1/2 lb.	20 3/4"	41 1/2 lb.	20 3/4"	41 1/2 lb.	20 3/4"	41 1/2 lb.	20 3/4"	41 1/2 lb.	20 3/4"	41 1/2 lb.
21"	42 lb.	21"	42 lb.	21"	42 lb.	21"	42 lb.	21"	42 lb.	21"	42 lb.
21 1/4"	42 1/2 lb.	21 1/4"	42 1/2 lb.	21 1/4"	42 1/2 lb.	21 1/4"	42 1/2 lb.	21 1/4"	42 1/2 lb.	21 1/4"	42 1/2 lb.
21 1/2"	43 lb.	21 1/2"	43 lb.	21 1/2"	43 lb.	21 1/2"	43 lb.	21 1/2"	43 lb.	21 1/2"	43 lb.
21 3/4"	43 1/2 lb.	21 3/4"	43 1/2 lb.	21 3/4"	43 1/2 lb.	21 3/4"	43 1/2 lb.	21 3/4"	43 1/2 lb.	21 3/4"	43 1/2 lb.
22"	44 lb.	22"	44 lb.	22"	44 lb.	22"	44 lb.	22"	44 lb.	22"	44 lb.
22 1/4"	44 1/2 lb.	22 1/4"	44 1/2 lb.	22 1/4"	44 1/2 lb.	22 1/4"	44 1/2 lb.	22 1/4"	44 1/2 lb.	22 1/4"	44 1/2 lb.
22 1/2"	45 lb.	22 1/2"	45 lb.	22 1/2"	45 lb.	22 1/2"	45 lb.	22 1/2"	45 lb.	22 1/2"	45 lb.
22 3/4"	45 1/2 lb.	22 3/4"	45 1/2 lb.	22 3/4"	45 1/2 lb.	22 3/4"	45 1/2 lb.	22 3/4"	45 1/2 lb.	22 3/4"	45 1/2 lb.
23"	46 lb.	23"	46 lb.	23							

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S. S. S. Conductor Co.
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THE STANDING SEAM allows of an easy and secure fastening, keeping the pipe far enough from the wall to make any overflow from the eave pipe or head, run down the spout, and not the wall; and will open, in case of freezing, so as to prevent bursting, and still remain double-locked and water-tight.



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RITCHIE'S PATENT IMPROVED CORRUGATED Expanding Conductor.

- ALSO -

Stamped Corrugated Elbows & Shoes.



A No. 3 SHOE.

In these goods the public find, for the first time, satisfactory expanding Elbows and Shoes, perfect in curve and free from unreliable and unsightly soldered joints.

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ALFRED CODWIN, Stained Glass.

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COLORED DESIGNS SUBMITTED.
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METAL WORK.



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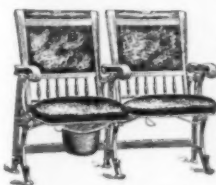
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HALLS, OFFICES, &c.
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[From the London IRONMONGER, February 13, 1886.]

STAMPING WASTER TIN PLATES.

1886

It will be very interesting to note whether or not the tin plate manufacturers of South Wales will largely follow the example of W. Gilbertson & Co., in declining to stamp waster tin plates. This company now stamp their "Old Method" plates after the tinning process has been completed, and they only stamp such plates as are critically adjudged to be "perfects." They stamp no wasters with the above brand, and announce that no wasters of their production will, with their knowledge or sanction, be sent to the United States, but will be disposed of in England under some other mark. From the first portion of this arrangement there can be no dissent, and it ought to secure for W. Gilbertson & Co.'s brand a high reputation and a large sale in the United States. The wisdom of the plan thus adopted is so obvious that we might expect it to be generally adopted in the tin plate trade, yet the sinuities and subtle intricacies of that business are so numerous and confusing that such a result is highly improbable. Deceptions and "juggles" by means of wasters are so profitable to many of the merchants and dealers that they will probably resist any such change, whilst the speculators, of course, will oppose any alteration which would be likely to simplify the business or to limit their opportunities for "housening" both buyers and sellers. A good example has been set in this instance, however, and we hope that some, at least, of the manufacturers will have sufficient backbone to follow suit.

1890

The above article was published in the London Ironmonger, February 13, 1886. Up to the present time November 1, 1890, the makers of most other plates have not had the "backbone" to follow the example of W. Gilbertson & Co., who, at the request of Merchant & Co., stopped the stamping and shipment of waster plates.

It is for this reason that Merchant & Co. have, and are still requesting architects to drop their brands from their specifications, rather than to specify them with other brands the wasters of which can be had, and which on account of their inferiority, are unfit for use on any building.

MERCHANT & CO.,

PHILADELPHIA. NEW YORK. CHICAGO. KANSAS CITY. LONDON.

MACKITE

AN IMPROVEMENT

On the Present Method of Rough Plastering. Manufactured in any length slabs from 4 to 6 inches thick. Plastering done in one-tenth the time of old way, winter or summer. No waiting for walls to dry out, no dirt as in case of Plasterer's mortar. Less weight, less conductivity of cold or heat. Can be used for desulfuring, back-plastering, non-conducting or insulating partitions, furring, floors, roofs, etc. Fireproof, easily transportable.

EASTERN PLASTER BOARD CO., 52 Broad St., New York.

SOLE AGENTS for Brooklyn, CONKLIN & DAWES, Jefferson Building.

BUILDING MATERIALS.

LUMBER.—P. M.

Boards: (Ordinary dimensions.)

Pine, 1st quality, clear.....

" 2d quality.....

" 3d quality.....

Spruce.....

Hemlock.....

Yellow pine.....

Cypress.....

Clapboards:

Pine.....

Spruce.....

Framing Timber:

Pine.....

Spruce.....

Hemlock.....

Yellow pine.....

Laths:

Pine.....

Spruce.....

Shingles:

Pine, shaved..... P. M.....

Pine, sawed.....

Spruce, sawed.....

Redwood..... P. M.....

Cedar, split..... P. M.....

Cedar, sawed.....

Cypress, split..... 7 x 24.....

Miscellaneous:

Piles..... P. ft.....

Fence pickets, Common.....

Cedar posts, 9 ft. (sq. posts).....

Chestnut.....

Finishing Woods: P. M. (First Qual.)

Ash..... (Kiln dried).....

Cherry.....

Butternut.....

Hard-pine floors (rift).....

Mahogany, Baywood (Mexican).....

" St. Domingo.....

Maple.....

Oak, red.....

" white.....

" quartered.....

Sycamore quartered.....

Pine, clear.....

Redwood.....

Rosewood..... P. M.....

Spruce floors (clear, kiln-dried).....

Walnut, black.....

Whitewood.....

Yellow pine..... P. M.....

New York.

(Wholesale Prices.)

65 00 @ 75 00

55 00 @ 60 00

18 00 @ 22 00

ea 13 1/4 @ 14

20 @ 40

ea 13 1/4 @ 14

20 @ 40

ea 13 1/4 @ 14

20 @ 40

ea 13 1/4 @ 14

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20 @ 40

Boston.

(Price to Builders and Contractors.)

50 00 @ 60 00

42 00 @ 50 00

35 00 @ 40 00

13 00 @ 25 00

13 00 @ 15 00

25 00 @ 35 00

ea 13 1/4 @ 14

20 @ 40

ea 13 1/4 @ 14

20 @ 40

ea 13 1/4 @ 14

20 @ 40

ea 13 1/4 @ 14

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20 @ 40

ea 13 1/4 @ 14

Chicago.

(Price to Builders and Contractors.)

30 00 @ 47 00

25 00 @ 28 00

14 00 @ 20 00

Not sold.

ea 12 00

29 00 @ 37 00

ea 12 00

29 00 @ 37 00

ea 12 00

29 00 @ 37 00

ea 12 00

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ea 12 00

29 00 @ 37 00

ea 12 00

29 00 @ 37 00

Philadelphia.

(Price to Builders and Contractors.)

48 00 @ 55 00

40 00 @ 45 00

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Boston. (Prices to Builders and Contractors.)

Chicago.

Philadelphia.

Mortar Colors.	
Black, brown, buff	24
Colorific	24
Red	3
White	175
Foundation:	
Dimension	50
Block	50
Rubble	50
Bluestone: (P sq. ft.)	
Sidewalk	30 @ 5.00
Planned	50 @ 6.00
Sandstone	
Longmeadow	80
Kibbe	90
Brown (Connecticut)	1.00 @ 90
Amherst	90 @ 85
Berea Ohio	75 @ 1.00
Berlin	75 @ 1.00
Belleville	80 @ 1.25
New Brunswick (Dorchester)	1.00
Olsen	1.05
Carlisle, English	1.05
Corse Hill (Scotch)	1.05
Marble (P cu. ft.)	
Lee, Mass.	1.25 @ 1.75
Antland, white and blue	1.25 @ 1.75
Sutherland Falls	1.25 @ 1.75
Glass Falls, black	1.25 @ 1.75
Italian, blue-veined	1.25 @ 1.75
" Siena	1.25 @ 1.75
Tennessee, red	1.25 @ 1.75
" Knoxville	1.25 @ 1.75
Pennsylvania, blue	1.25 @ 1.75
Vermont, white	1.25 @ 1.75
Slate: Roofing (P square)	
" green	5.00 @ 6.00
" unfading	5.00 @ 6.00
" purple	5.00 @ 6.00
" red	5.00 @ 6.00
" black, Lehigh	4.25 @ 4.75
" Chapmans	5.50 @ 8.00
" Unfading Black, Monson, Me.	5.50 @ 8.00
Tiles, Am.	
N. Peach Bottom, warranted unfading	7 @ 7 1/2
PAINTS. (In oil, P lb.)	
White lead, Am.	7 @ 7 1/2
" Zinc	7 @ 7 1/2
Red lead, Am.	6 1/2 @ 7
" Venetian	6 1/2 @ 7
" Vermilion	65 @ 70
Red Indian, Eng.	12 @ 20
Yellow Ochre	12 @ 15
" Chrome	12 @ 20
Green (chrome)	25 @ 40
Black, lamp	15 @ 25
Blue, ultramarine	12 @ 18
Oil, linseed, (raw)	12 @ 18
" boiled	61 @ 65
Turpentine	40 @ 41
Varnish, coach	2 @ 2 1/2
Shellac	2.50 @ 3.00
Putty	2 @ 2 1/2
Whiting	7 @ 1.00
Paris white, (Eng.)	1.30 @ 2.00
Litharge, Am.	14 @ 20
Sienna (burnt)	14 @ 20
Umber	14 @ 20

HARDWARE.	
Nails: (Per Cask.) Spikes, (strought.)	2.75 @ 2.85
10d. common	2.75 @ 2.85
Shingle	2.75 @ 2.85
Lath	2.75 @ 2.85
Finishing nails according to size.	
(For casing nails add 75c. per keg.)	
Butts: 4"x 4" (P doz. pairs.)	1.00 @ 1.50
Plain	1.00 @ 1.50
Japanned	1.50 @ 1.75
Acorn, Japanned	1.50 @ 1.75
Ball Tip, Boston Finish (P pair.)	65 @ 80
Bronze metal	1.90 @ 2.50
Brass (no supboards)	10 @ 15
Ebony	
Apple wood	
Knobs: (P Set)	
Mineral, best	8 @ 10
Lava	50 @ 75
Hemacite	17 @ 33
Porcelain	30 @ 50
Glass, solid	88 @ 1.00
Glass, silvered	75 @ 2.00
Bronze metal	100 @ 2.50
Brass	
Solder:	
Sheet Lead	8 1/2 @ 8
Lead Pipe	
Iron:	
I-Beams, up to and including 30 ft.	3 3-10 @ 3 1/2
I-Beams, over 30 ft. 4, 5, 6 c. advance.	3 3-10 @ 3 1/2
Channel-Beams	3 3-10 @ 3 1/2

Chicago.	
500 P ton	20 @
450 P perch	8 50 @
125 @ 180	
75 @ 100	
50 @ 100	
Philadelphia.	
500	
145 @ 250	
1 in. th. 10 @ 25	
37 @ 50	
95 @ 116	
105 @ 135	
55 @ 100	
110 @ 1	
100 @ 1	
125 @ 1	
95 @ 1	
200 @ 250	
200 @ 300	
170 @ 300	
400 @ 450	
250 @ 275	
500	
400 @ 600	
300 @ 400	
200 @ 300	
225 @ 300	
230 @ 300	
325 @ 375	
350 @ 450	
750 @ 1025	
325 @ 400	
400 @ 465	
550 @ 800	
600 @ 900	
Not sold.	
60 @ 7	
7 @ 10 1/2	
6 1/2 @ 7	
12 @ 20	
15 @ 15	
18 @ 25	
8 @ 30	
18 @ 35	
12 @ 35	
57 @ 60	
60 @ 63	
51 @ 51	
125 @ 200	
225 @ 400	
62 @ 62 1/2	
1 @ 1 1/2	
1 @ 2	
6 @ 7	
4 @ 16	
2 @ 10	
275 @ 300	
225 @ 235	
275	
365	
Add .85 to \$1.15	
50 to 90	
90	
Not sold.	
200 @ 375	
Not sold.	
200 @ 325	
12	
prkg @ 225	
230	
260	
360 @ 475	
per lb 4 @ 6	
Add pr cask	
290 (all kinds.)	
90	
135 @ 200	
135 @ 275	
48 @ 50	
125	
100	
75 @ 125	
131 @ 16	
6 @ 6	
Not sold.	
25 @ 50	
25 @ 25	
100 @ 250	
175 @ 200	
50 @ 350	
75 @ 125	
131 @ 16	
6 @ 6	
28-10	
28-10	
28-10	

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VAILE & YOUNG'S Patent Metallic Skylights.



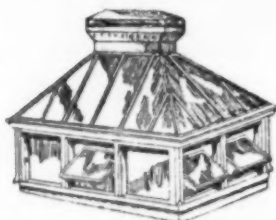
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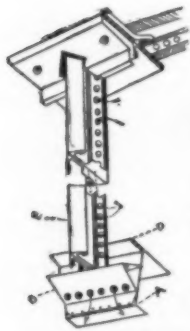
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No sweating or dripping from any cause.

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Estimates furnished.

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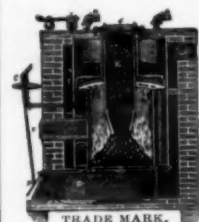
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Patent Bars of steel, zinc or copper, guaranteed water-tight and free from drip.

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Proof against leaks from weather and condensation
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GLASS DOME and HIP

Sky-Lights,

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Presenting an attractive feature over Side Chapels, Libraries and Dining Rooms in extensions, Banks, Halls, and the like. Also the usual styles of Metal and Wood-framed Lights. Double passage, quick fire reach, and practical fire escape. Absolute safety to occupants of lofty buildings, to invalids, the feeble and timid. Descriptive catalogue on application.

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Perfect Combustion.
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Simple in construction.
Easily Managed.
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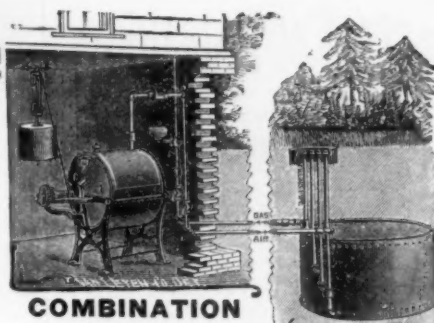
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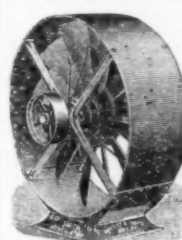
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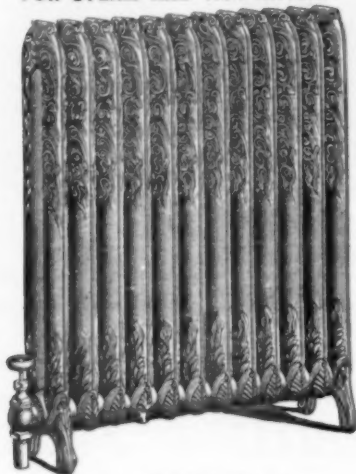
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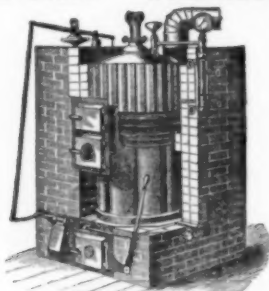
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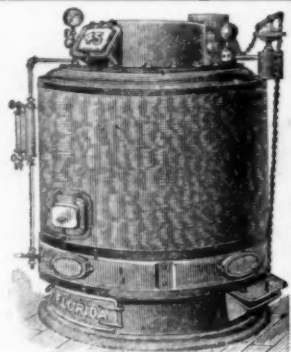
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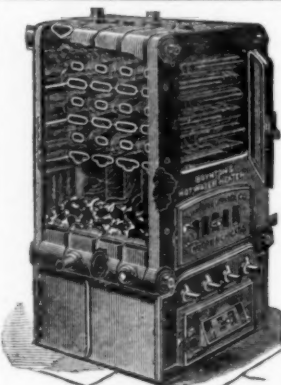
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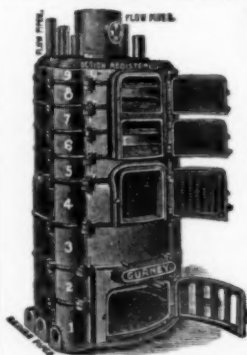
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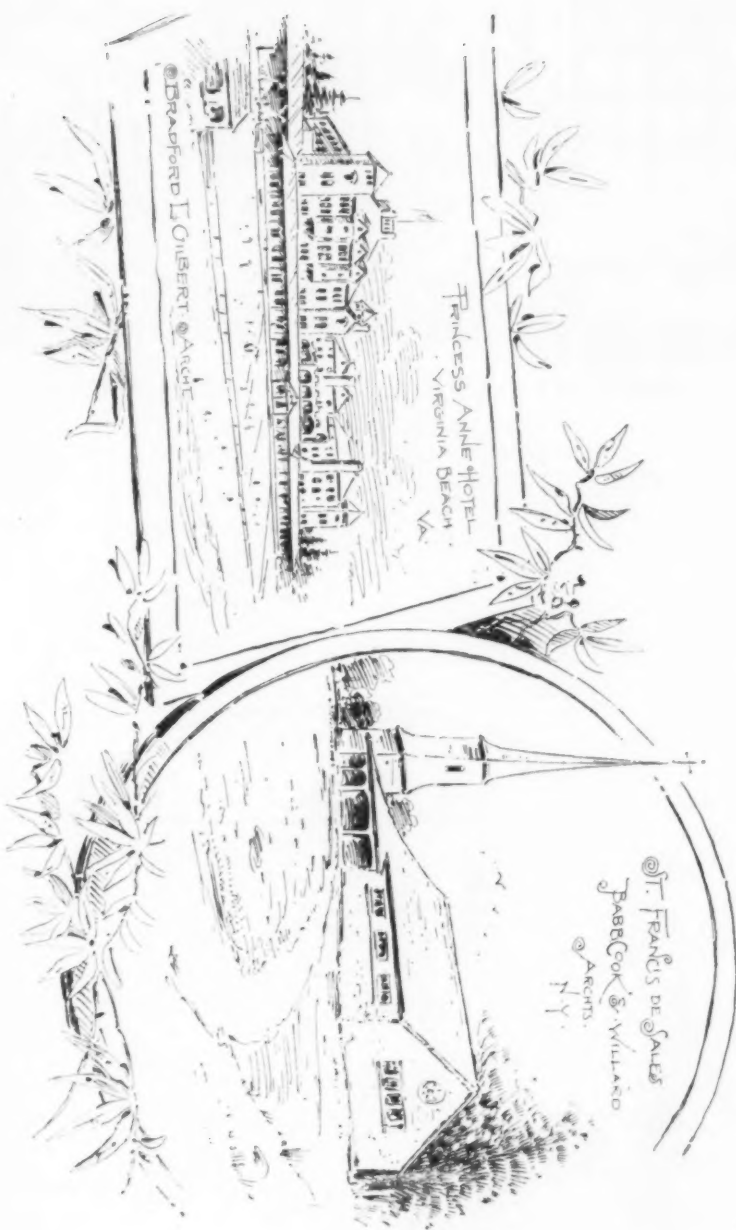
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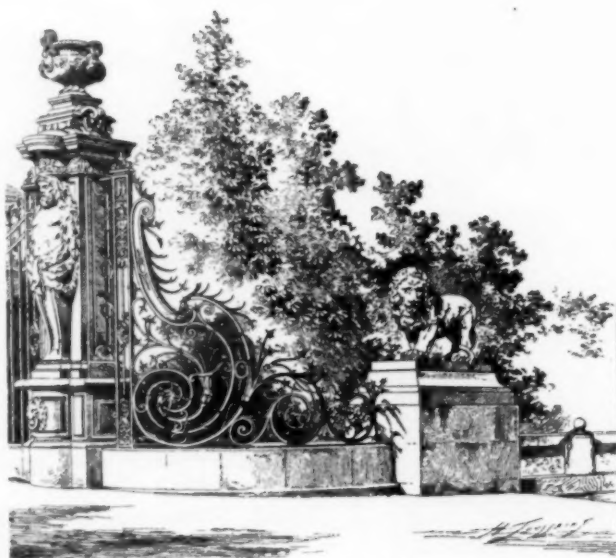
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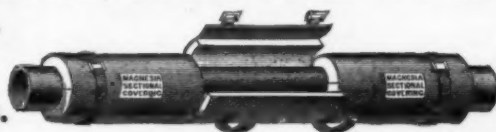
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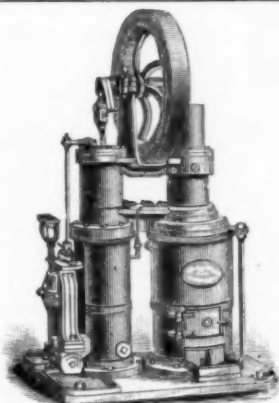
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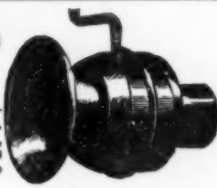


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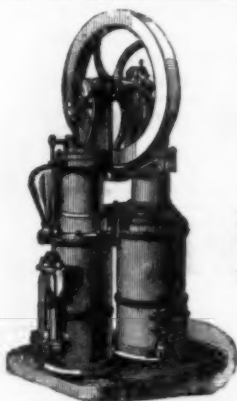
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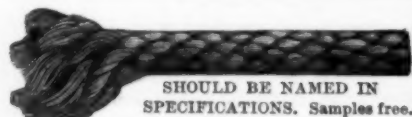
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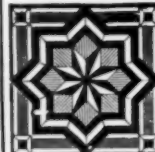
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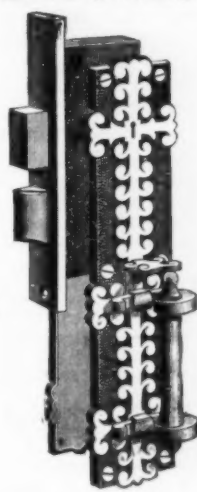
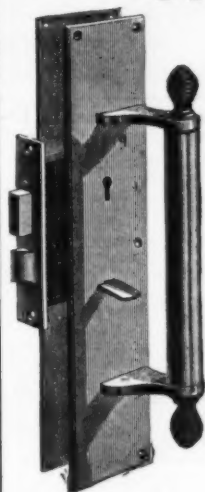
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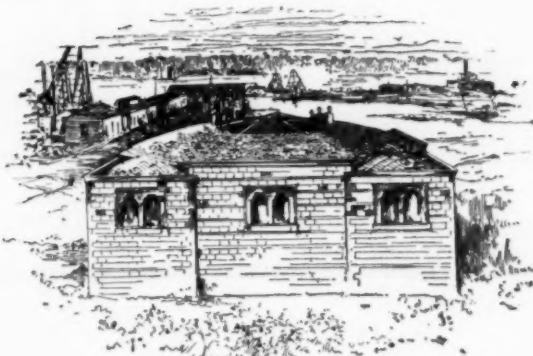
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NEW YORK: 57th St. and N. R. View of the Main Office, N. Y. NEW YORK: 57th St. and N. R.

BUILDING INTELLIGENCE.

Camden, N. J. — The Mt. Vernon School-house will be altered and renovated; cost, abt. \$7,000; architects, Moses, King & Ferris, 226 Walnut St., Philadelphia, Pa.

Detroit, Mich. — Gordon W. Lloyd, architect, additions to chapel of Westminster Church, 20 Parsons St.; cost, \$14,000.

Manayunk, Pa. — Oak St., ab. Baker St., The Roman Catholic Church of the Assumption of the Blessed Virgin Mary, three-sty' brick addition to parochial school, mansard roof.

New York, N. Y. — The Western Union Telegraph Co. will tear down the premises Nos. 10 and 12 Dey St. to add to their present building; architect, Henry J. Hardenbergh.

Philadelphia, Pa. — Lancaster Ave., No. 4122, front alteration; owner, James H. Young, on premises. Twelfth St., w s, a Snyder Ave., new front to factory; owner, James Bird, 1021 Hunter St.

Photographer Applegate's application to make an extension to his photograph gallery at Vine and Eighth Sts. has been referred to the city solicitor for an opinion. The extension is desired to be made to the end of the building on Haviland Place. The question is whether it should be set back far enough to make room for a 25-foot wide street.

South Eighth St., No. 938, mill property will be altered into three-sty' dwell.; contractor, Nicholas Toce, 835 Carpenter St.

Seventh St., e s, n Montgomery Ave., front alteration to dwell.; contractors, A. Hetzel & Son, 322 Richmond St.

Darien St., e s, n Germantown Ave., new front to brewery; builders, Jno. Kramer & Son, 1314 North Front St.

Germantown Ave., Nos. 2113-15, two new fronts to stores and dwell.; builder, John F. Greene, 947 North Seventh St.

North Third St., No. 510, one-sty' front alteration, kitchen and bay-window; contractor, C. A. Axenroth, 441 North Fourth St.

Fairmount Ave., No. 1286, front alteration; owner, William Earley, 1286 Fairmount Ave.

North Tenth St., No. 672, two-sty' addition to store; contractor, Charles E. Schwartz, 526 Cherry St.

Baring St., No. 2611, one-sty' alterations and bay-window; contractor, J. W. Leamy, 523 South Forty-second St.

Forty-eighth St., w s, a Seneca St., two-sty' addition to ice-house; contractor, J. P. Winslow, 4226 Ludlow St.

Extensive alterations are soon to take place at the Philadelphia works of the Link Belt Co., offices also in Minneapolis and Chicago. The work will be done under the supervision of J. Halbach from plans prepared by the company's draughtsmen.

St. Louis, Mo. — Two-sty' brick addition to warehouse; cost, \$13,750; owners, Cupples R. E. Co.; contractor, William D. Barte.

Three-sty' addition to brick school; cost, \$2,500; owners, Sisters of Charity; contractor, D. Sullivan. Repair four-sty' brick office-building; cost, \$19,683; owners and contractors, Western Union Tel. Co.

Repair brick hotel; cost, \$2,500; owner, S. Newman; contractor, M. J. Brennan.

APARTMENT-HOUSES.

Chicago, Ill. — James Lazoret, three-sty' flats, 438 Oak St.; cost, \$5,600.

Herman Flindt, two-sty' flats, 347 North Robey St.; cost, \$3,600.

BUILDING INTELLIGENCE.

M. G. Lamereux, 4 two-sty' flats, Sixty-third St., near Winter St.; cost, \$8,000.

W. Vanderleest, three-sty' flats, 153 Henry St.; St.; cost, \$3,400.

John Heron, two-sty' flats, 54-56 Ogden Ave.; cost, \$3,800.

T. H. Reamer, four-sty' flats, 65 Pearson St.; cost, \$15,000.

O. Langson, two-sty' flats, Buffalo Ave. and Eighty-ninth St.; cost, \$1,000.

A. Cary, two-sty' flats, 6025 Langley Ave.; cost, \$1,300.

McConley Swartman, 6 four-sty' flats, Sixty-sixth and Sherman Sts.; cost, \$36,000.

J. P. Dedrich, two-sty' flats, Fifty-first and Peoria Sts.; cost, \$1,900.

Jacob Weldon, two-sty' flats, 7316 St. Laurence Ave.; cost, \$2,200.

George W. Aldaman, two-sty' flats, 1540 Diversey St.; cost, \$2,400.

Ed S. Hartwick, two-sty' flats, 1034 Belmont Ave.; cost, \$2,900.

W. Buras, three-sty' flats, 496 Lincoln Ave.; cost, \$7,000.

Howard & Beridin, seven-sty' flats, 3100-08 Groveland Ave.; cost, \$250,000.

Howard & Beridin, 6 three-sty' flats, 165 Morgan St.; cost, \$50,000.

D. M. McCabe, two-sty' flats, 650 California Ave.; cost, \$4,100.

L. W. Seese, two-sty' flats, 313 Sedgewick St.; cost, \$1,800.

John Corbett, four-sty' flats, 1-3 Johnson St.; cost, \$9,000.

Thomas Springate, two-sty' flats, Seventy-sixth and Madison Sts.; cost, \$1,500.

James Welsh, two-sty' flats, 4736 Winter St.; cost, \$1,000.

Frank Dombrowski, two-sty' flats, Eighty-third St.; cost, \$1,800.

New York, N. Y. — Alexander Ave., 75' n One Hundred and Thirty-eighth St., five-sty' brick flat, tin roof; cost, \$18,000; owner, Wm. J. O'Gorman, 252 Willis Ave.; architect, J. Averill Webster, 110 East One Hundred and Twenty-fifth St.

Tenth Ave., s w cor. One Hundred and Sixtieth St., five-sty' brick flat, tin roof; cost, \$15,000; owners, Wright Gillies & Bro., Tenth Ave. and One Hundred and Sixtieth St.; architect, Henry Fouchaux, Grand Boulevard and One Hundred and Sixtieth St.

Forty-third St., Nos. 248-252, 3 five-sty' brick flats, tin roofs; cost, \$55,500; owner, Alexander Moore, 317 West Fifty-first St.; architect, George Keister, 55 West Thirty-third St.

Norfolk St., No. 170, five-sty' brick flat, tin roof; cost, \$32,000; owner, First Hungarian Obah Zedeck Verin, 710 East Fifth St.; architect, Louis F. Heinecke, 62 Bowery.

Amsterdam Ave., e s, 24' 11" s One Hundred and Thirty-first St., 2 five-sty' brick flats, tin roofs; cost, \$32,000; owner, Thomas Moloney, 224 East Eleventh St.; architects, Thom & Wilson, 1269 Broadway.

East Eighty-sixth St., Nos. 519-521, 2 five-sty' brick flats, tin roofs; cost, \$40,000; owner, Daniel L. Sturgis, 519 East Eighty-sixth St.; architect, F. Tyrrell, 430 East Seventy-second St.

Henry St., No. 57, five-sty' brick flat, tin roof; tin roof; cost, \$20,000; owner, Thomas P. Allen, 57 Henry St.; architect, Henry Palmer, 9 Dey St.

One Hundred and Thirty-third St., n s, 240' s Seventh Ave., five-sty' brick flat, tin roof; cost, \$23,000; owner and architect, Gilbert Robinson, Jr., 247 West One Hundred and Twenty-fifth St.

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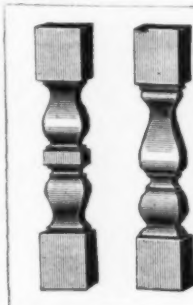
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Perry St., No. 135, five-sty' brick flat, tin roof; cost, \$20,000; owner, John McKelvey, 454 West Forty-ninth St.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

Somerville, Mass. — Prescott St., frame apartments, 40' x 50'; owners, Higgins & Dewing.

St. Louis, Mo. — Two-sty' brick flats; cost, \$5,000; owner, A. Meyer; contractor, J. Wohlsmann. Three-sty' brick flats; cost, \$8,000; owner, H. Hannibal; contractor, B. Stoeck.

CHURCHES.

Northampton, Mass. — King St. Chapel; cost, abt. \$4,500; contractor, S. A. Gayne.

Roanoke, Va. — Charles M. Burns, Jr., architect, Philadelphia, Pa., had plans accepted for St. John's Chapel; cost, abt. \$50,000.

Salisbury, N. Carolina. — One-sty' brick and stone Presbyterian Church, granite trimmings, cor. James and Jackson Sts.; cost, abt. \$150,000; architect, Charles W. Bolton, 1510 Chestnut St., Philadelphia, Pa.

FACTORIES.

Boston, Mass. — Harcourt St., near St. Botolph St., Ward 11, four-sty' brick factory, flat roof, 41' x 70'; owner, G. A. Smith; builder, C. F. Marr.

Camden, N. J. — Tenth St., No. 1022, frame factory. Master and Jefferson Sts., frame building for factory; owner, R. H. Connery, 1740 Broadway.

Cincinnati, O. — Rheinstrom Bros., three and six sty' factory, Martin St.; cost, \$4,000; architect, A. O. Elzner.

Philadelphia, Pa. — Lehigh Ave., s s, w Fifteenth St., factory building; contractor, S. B. McDowall, 2144 North Twenty-fifth St.

Roofing Materials.

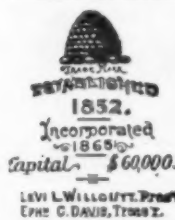
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BUILDING INTELLIGENCE.

St. Louis, Mo.—Two-st'y brick factory; cost, \$3,200; owners, Cook & Reimann; contractor, A. Doerer.
Two-st'y brick factory; cost, \$5,500; owners and contractors, Yerkes & Finan.
Two-st'y brick factory; cost, \$10,000; owner, J. B. Ulrick; sub-let.

HOTELS.

Abingdon, Va.—Hotel; cost, abt. \$50,000.

Detroit, Mich.—Vinton & Co., four-st'y brick hotel and store, 96-100 Grand River Ave.; cost, \$15,000.

HOSPITALS.

New York, N. Y.—Plans have been completed for the W. J. Lyons operating theatre, the funds for which were bequeathed to the Roosevelt Hospital, Fifty-ninth St. and Ninth Ave. It will be three stories; architect, W. Wheeler Smith.

HOUSES.

Baltimore, Md.—Mrs. E. W. Backer, three-st'y brick building, s s Patterson Ave., w Fremont St.
W. J. Clendinen, 6 two-st'y brick buildings, s s Oliver St., bet. Bond St. and Broadway.
G. J. Wals, 5 two-st'y brick buildings, n s Keyser St., e Washington St.

F. O. Singer, Jr., 6 two-st'y brick buildings, e s Calhoun St.; and 6 two-st'y brick buildings, w s Woodyear Alley, s Baker St.
Wm. F. Ludwig, 3 three-st'y brick buildings, s s Biddle St., bet. Richmond St. and Park Ave.

Boston, Mass.—Ashland St., near Brown Ave., Ward 23, two frame dwells., 22' x 46'; owners, J. & W. G. Wilson; builder, M. H. Fossett.
Parley Vale, near Rockview St., Ward 23, frame dwell., 27' 6" x 53' 4"; owner, W. French; builder, J. H. Kellar.

Blakelire St., near Olney St., Ward 24, frame dwell., 26' x 36'; owner, Christopher Blake; builder, J. H. Kellar.

Ashmont St., nearly opp. Burt Ave., Ward 24, frame dwell., 26' x 32'; owner, C. H. Meilin; builder, H. H. De Lorie.

East Sixth St., No. 540, Ward 14, three-st'y frame dwell., flat roof, 24' x 61'; owner, Ellen M. Sullivan; builders, Johnson & Fleet.

Townsend St., Ward 21, frame dwell., 33' 6" x 53'; owner, A. C. Burrage; builder, G. A. Cahill.

Beacon St., Boulevard, frame dwell., 47' x 50'; stone terrace on front; owner, Cyrus A. Noyes; architect, Samuel J. Brown.

Highland Ave., Nos. 5-7, Ward 21, 3 three-st'y brick dwells., flat roofs, 21' x 45' and 25' x 45'; owner and builder, H. D. O. Kurnas.

Perch St., near Albany St., Ward 20, 6 three-st'y brick dwells., flat roofs, 20' x 33'; owner, N. M. Jewett; builder, T. Connelly.

Leland St., near Burgess St., Ward 20, 10 two-st'y brick dwells., 27' 6" x 40'; owner and builder, E. D. Blackwell.

Dorchester Ave., cor. Dorset St., Ward 15, three-st'y frame dwell., flat roof, 26' x 48'; owner, John W. Hill; builder, G. W. Jackson.

Saunders St., cor. Pomeroy St., Ward 25, frame dwell., 24' 6" x 28' 6"; owner and builder, D. Baldwin.

West Walnut Park, near Washington St., Ward 23, three-st'y frame dwell., flat roof, 23' x 41'; owners, Boston Real Estate Association; builder, M. McLaughlin.

West Harvard St., near Reno St., Ward 25, frame dwell., 22' x 43'; owner, Cornelius Barrett; builder, James Muldoon.

Lyndhurst St., near Allston St., Ward 24, frame dwell., 31' x 45'; owner, W. A. Root; builder, Hugh H. Smith.

La Rose Pl., near Union St., Ward 25, two-st'y frame dwell., flat roof, 29' x 35'; owner, Michael Callahan; builder, James Muldoon.

Poplar St., near Sycamore St., Ward 23, frame dwell., 22' x 44'; owner, Emma B. Tufts; builder, Thomas Tufts.

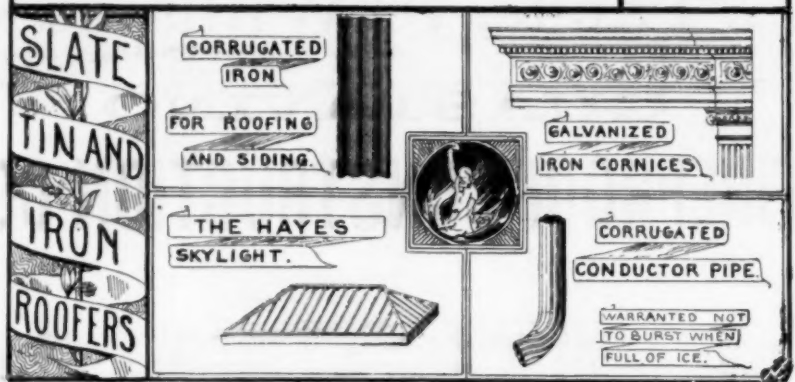
Walk Hill St., near Weldon St., Ward 23, two frame dwells., 22' x 44' and 20' x 40'; owner, Thomas F. Scully; builders, McNeil & McLean.

Allen St., near Brown Ave., Ward 23, two frame dwells., 14' x 47'; owner, Lettie B. Evans; builder, Alex Rogers.

Bromley St., Nos. 54-56, Ward 22, 2 three-st'y

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BUILDING INTELLIGENCE.

frame dwells., flat roofs, 20' x 35'; owner, Robert Culbert; builders, R. D. Ward & Co.

Weldon St., near Yale St., Ward 23, frame dwell., 24' x 41'; owner, Alex Martin.

Coffey St., near Newhall St., Ward 24, one-st'y frame dwell., 20' x 26'; owner and builder, J. E. Legoe.

Mt. Hope St., near Hyde Park Ave., Ward 23, frame dwell., 20' x 32'; owner, J. F. Marron; builder, A. Rogers.

Temple St., near Sanford St., Ward 24, frame dwell., 22' x 38' 6"; owner and builder, A. H. Plummer.

Linden St., No. 79, Ward 25, frame dwell., 28' x 42'; owner, G. G. Morrison; builder, F. M. Pendleton.

Codman St., near Dorchester Ave., Ward 24, frame dwell., 22' 6" x 32'; owner, John McGee; builder, Peter Riley.

Rockview St., near Green St., Ward 23, frame dwell., 28' 6" x 42' 6"; owner and builder, W. H. Coffin.

Heath Pl., rear, No. 4, Ward 22, three-st'y frame dwell., flat roof, 24' x 35'; owner, Rudolph Dehn; builder, A. Sontag.

Corbett St., opp. Hopkins St., Ward 24, two-st'y frame dwell., flat roof, 22' x 58' 6"; owner, C. J. Deshon; builder, Arthur Flint.

Camden, N. J.—Segal St., Ward 1, 66 two-st'y brick dwells.; owner, A. Segal.

Federal St., No. 718, three-st'y brick dwell.; owner and builder, Wilson Ernest.

Linden St., two-st'y brick dwell.; builder, Thos. G. Heston.

Sylvan St., 385' from Ninth St., two-st'y frame dwell.; owner, T. F. Adams, 2304 South Eighth St.

Woodland St., n s, 185' w Seventh St., two-st'y frame dwell.; owner, O. Olsen, Eighth St., bet. Florence St.

North St., w Point St., 7 two-st'y dwells.; owner, Frank Johnson, 233 West St.

Liberty St., n s, near Lewis St., two-st'y brick dwell.; owner, Isadore Green, Atlantic and Lewis Sts.

Sixth St., w s, abt. Walnut St., 4 two-st'y brick dwells.; owner, S. F. Donnan.

Mt. Vernon St., Nos. 628-630, 2 two-st'y brick dwells.; contractor, Charles Johnson.

Ninth St., bet. Kaighn Ave., two-st'y brick dwell.; contractor, Isadore Green, Atlantic and Lewis Sts.

Mt. Vernon St., No. 566, two-st'y brick dwell. and store; builder, John Matthews.

BUILDING INTELLIGENCE.

Kaighn's Ave and Tenth St., 19 two-st'y brick dwells.; owner and builder, Capt. W. H. Seudder, Federal and Front Sts.

Chestnut Hill, Mass.—Selkirk Road, frame dwell., 28' x 50', with L, 20' x 20', and stable; owner, Mr. Mayo; contract to be let; architects, Loring & Phipps, Boston.

Cincinnati, O.—John Rineks, three-and-one-half-st'y dwell. and store, Spring Grove Ave.; cost, \$5,500; architects, Rineks & Othus.

William Lauderback, dwell. and store, Delhi Pike; cost, \$3,000; architect, Robert Rander.

Charles Brokate, two-and-one-half-st'y dwell., St. Clair St.; cost, \$3,000; architects, Rieg & Marty.

Charles F. Wagner, two-and-one-half-st'y dwell., Alexander St.; cost, \$2,700; architects, Kuckerts & Pfeiffer.

Fanny Oppenheimer, two-and-one-half-st'y dwell., Kemper Lane; cost, \$4,200; architect, John H. Boll.

John Kloman, two-and-one-half-st'y dwell., Ravine St.; cost, \$3,500; architect, A. J. Bast.

Detroit, Mich.—W. H. Hollands & Co., three-st'y brick dwell., 33 High St.; cost, \$13,000.

A. C. Varney & Co., double brick dwell., 371-373 Congress St., e; cost, \$6,000; double brick dwell., 31 Alexandria Ave., e; cost, \$5,000; three-st'y brick dwell., 60 Winder St.; cost, \$5,000; and brick dwell., 158 Hancock Ave.; cost, \$3,000.

H. A. Holcomb, brick dwell. and barn, 1144 Third Ave.; cost, \$7,000.

Thomas Goeruff, five brick dwells., 234-242 Montclair St., e; cost, \$13,000.

James W. Spaulding, three double brick dwells., 78-80 Popular St. and 787 and 931 Fourth Ave.; cost, \$12,000.

E. W. Arnold, brick dwell., 535 Second Ave.; cost, \$5,000.

John Krift, double frame dwell., 881-883 Congress St., e; cost, \$4,000.

Haverford, Pa.—Three-st'y frame dwell., slate roof; cost, abt. \$4,500; owner, Prof. Farnsworth; architect, Charles W. Bolton, 1519 Chestnut St., Philadelphia, Pa.

Three-st'y stone and frame dwell., slate roof; cost, \$3,500; owner, Prof. Gifford; architect, Chas. W. Bolton, 1519 Chestnut St., Philadelphia.

Meredith, Pa.—Three-st'y dwell. for E. M. Cake; cost, abt. \$7,000; architects, Moses, King & Ferris, 226 Walnut St., Philadelphia.

Milton, Pa.—Three-st'y dwell. for H. C. Fonda; cost,

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BUILDING INTELLIGENCE.

abt. \$25,000; architects, Moses, King & Ferris, 226
Walnut St., Philadelphia.

Newton Centre, Mass.—Frame dwell., 36' x 49';
stone terraces; owner, H. H. Read; builders, Carey
& English; architect, Samuel J. Brown, Boston.

Northeast Harbor, Me.—Frame country cottage
for Francis Rawle.

Providence, R. I.—*Dartmouth Ave.*, frame dwell.;
owner, Mary E. Price; builder, Richard Hayward.
Academy Ave., frame dwell.; cost, \$3,000; owners,
John Martin and wife; builder, John Fallon.
Headly St., two-and-one-half-st'y frame dwell.;
cost, \$3,000; owners, John and Ellen O'Donnell;
builder, Joseph Moss.
Cook St., cor. Angell St., two-and-one-half-st'y
dwell.; owner, W. H. Brown; builder, Charles H.
Swan.
Hovell St., two-and-one-half-st'y frame dwell.;
cost, \$3,000; owner, Henry C. Locke.
Link St., frame dwell.; cost, \$3,000; owner,
Minerva V. Williams; builder, H. W. Goff.
Hawthorne St., two-st'y frame dwell.; cost, \$4,000;
owner, Charles H. Perkins; builders, Hopkins &
Sweet.
Atwell Ave., dwell. and store; cost, \$3,500; owner,
Thomas McCabe.
Princeton Ave., two-and-one-half-st'y dwell.; cost,
\$3,500; owner, Clarend A. Dory; builder, James C.
Peck.

Roxbury, Mass.—Frame dwell., 27' x 42.6'; owner,
J. R. Nichols; contract to be let; architect, Samuel
J. Brown, Boston.

Somerville, Mass.—*Prescott St.*, three frame
dwell., each 24' x 36'; owner, Quincy A. Vinal;
builder, John F. Pickering.
Tufta St., frame dwell., 23' x 30', with L, 15' x 19.6';
owner, Daniel J. Buckley; builder, Sylvester Woods.
Hancock St., frame dwell., 23' x 28', with L, 15' x
18'; owner and builder, Charles A. Slager.
Highland Ave., near Central St., frame dwell.,
27' x 40'; owner, L. B. Rich; builder, Jesse S. Rich.
Highland Ave., cor. Belmont St., frame dwell.,
27' x 48', with L, 6.8' x 16'; owner, James W. Rich;
builder, Jesse S. Rich.
Medford St., cor. Hennessey Ct., frame dwell.
and store, 30' x 26'; owner, Fred E. Slater; builder,
Mr. Parker.
Springfield St., frame dwell., 21' x 29', with L, 14'
x 19'; owner and builder, John Elston.
Francis St., frame dwell., 34' x 36'; owner, Samuel
Stephens; builder, John W. Norton.
Campbell Park, off Meacham St., three frame
dwell., two 23' x 50', one 23' x 30'; owner, Henry R.
Glover; builder, George Chaplin.
Lawrence St., frame dwell., 26' x 30', with L, 8' x
12'; owner, Mary Mullarkey; builder, Michael Mul-
larkey.

Holland St., cor. Moore St., frame dwell., 16' x
35', with L, 15' x 18'; owner and builder, John Eng-
land.
Vinal Ave., cor. Grand View Ave., double frame
dwell., 47' x 62'; owner, Charles Taylor; builder,
Elijah Walker.
Mason Ave., frame dwell., 26' x 44'; owner, Cora
L. Hunnewell; builder, W. A. Hunnewell.
Ames St., frame dwell., 29' x 29', with L, 12' x 14';
owners and builders, S. & C. H. Williams.
Tufta St., frame dwell., 21' x 28', with L, 15' x 20';
owner, James List; builders, S. & C. H. Williams.
North Wyatt St., frame dwell., 21' x 28', with L,
4' x 19'; owner and builder, Isaac P. Rice.
Hudson St., frame dwell., 25' x 28', with L's, 8' x
20' and 12' x 14'; owner, George E. Furber; builder,
Arthur W. Berry.
Kidder Ave., frame dwell., 27' x 37'; owner, Ed-
ward B. Russell; builder, Geo. D. B. Robinson.
Broadway and Bellingham St., frame dwell., 30' x
30'; owner, Wm. B. Allen.
Sydney St., two frame dwell., each 22' x 28',
with L, 4' x 12'; owner and builder, Hiram A. Kent.

SCHOOL-HOUSES.

Camden, N. J.—School-house No. 12 will be built by
contractor John Corbett; architects, Moses, King &
Ferris, 226 Walnut St., Philadelphia, Pa.
Mt. Vernon St., n Broadway, two-st'y brick school-
house; builder, John Corbett, 915 South Fifth St.

Lexington, Mass.—Hancock School-house, 43' x 50';
brick, with stone trimmings; two stories, with class-
rooms above second story; builder, H. B. Cum-
mings, Ware, Mass.; architects, Hartwell & Rich-
ardson, Boston.

Pittsfield, Mass.—Morningside School-house, Win-
ter St.; cost, \$18,423; contractor, H. Dodge.

STABLES.

Boston, Mass.—*Birch St.*, No. 75, rear, Ward 23,
one-st'y frame stable, 22' x 25'; owner, C. W. Pfaff;
builder, R. D. McNair.
Templeton St., rear, near Adams St., Ward 24,
one-st'y frame stable, pitch roof, 20' x 20'; owner
and builder, George Driscoll.

Brooklyn, N. Y.—*Atlantic Ave.*, n s, 120' w Nevins
St., three-st'y brick stable, tin roof; cost, \$25,000;
owners, Anheuser-Busch Brewing Association, St.
Louis, Mo.; architect, Charles Werner, Garfield
Building.

(Continued on page xviii.)

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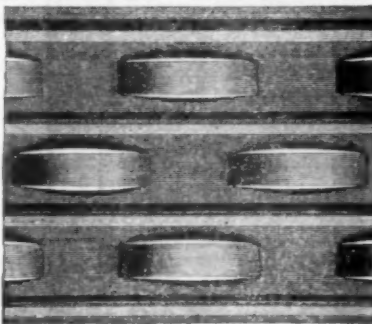
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BUILDING INTELLIGENCE.

Camden, N. J.—Sixth and Pearl Sts., brick stable;
owner, George E. Wilson, 507 Linden St.
Walnut St., No. 714, two-st'y frame stable; owner,
Jos. M. Ross.

North Attleboro, Mass.—Frame stable; owner, Dr.
F. W. Draper; contract to be let; architects, Loring
& Phipps, Boston.

Philadelphia, Pa.—Ninth St., e s, n Dauphin St.,
two-st'y stable; contractor, John Weible, 2324 North
Ninth St.

Lehigh St., No. 4644, two-st'y stable; owner, John
B. Kohrer, on premises.

Sixteenth St., s e cor. Ontario St., two-st'y stable;
contractor, M. McManus, 313 North Twentieth St.
Flek St., s s, e Cresson St., two-st'y stable; owner,
Jas. W. Bew, 3351 Ridge Ave.

Broad St., e s, s Fitzwater St., two-st'y stable;
owner, George Rowe, 1935 Bainbridge St.
Elmwood Ave., No. 6411, two-st'y stable; owner,
George G. Matsinger, on premises.

Race St., n s, w Eleventh St., one-st'y stable;
owner, James Smith, 209 North Eleventh St.
South Fortieth St., No. 510, three-st'y stable;
owner, Simon Bennett, 210 South Fortieth St.

St. Louis, Mo.—Two-st'y brick stable; cost, \$4,500;
owner, H. Bernet; contractor, W. H. Clemens.
Two-st'y brick stable; cost, \$8,900; owner, St.
Louis Brewing Association; contractor, J. Schenck.
Two-st'y brick stable; cost, \$3,000; owner, Wm.
Cullinane; contractors, St. Louis Wrecking Co.

STORES.

Boston, Mass.—Dudley St., Nos. 558-556, 3 one-st'y
frame stores, flat roofs, 20' x 40' and 40' x 40'; owner,
Cheever Newhall; builder, David Gutrow.
Unnamed St. from Dorchester Ave., near Wells
Ave., Ward 24, two-st'y frame store and carriage-
house, 20' x 38'; owner, Charles Carter; builder, H.
H. De Lorie.

Main St., Nos. 285-287, Ward 5, 3 one-st'y brick
stores, flat roofs, 19.6' x 50'; owners, I. Klouse and
H. Wyzanski; builders, Fessenden & Libby.
Centre St., near Park St., Ward 23, one-st'y frame
store, flat roof, 40' x 52'; owner, Mary A. Canavan.

Camden, N. J.—Seventh St., n w cor. Walnut St.,
brick store; contractor, Charles Johnson.

Chicago, Ill.—James Kudyanski, two-st'y store and
flat, 1060 Mariana St.; cost, \$2,000.

A. Eckhardt, three-st'y store and flats, 736 North
Ashland Ave.; cost, \$4,500.

F. Klano, two-st'y store and flats, 233 Belmont
Ave.; cost, \$5,000.

John Noven, two-st'y store and flats, Halsted and
Eighty-sixth Sts.; cost, \$2,000.

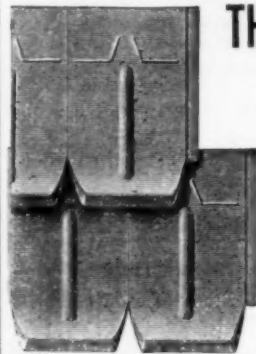
O'Brien Bros., two-st'y store and flats, 751 Forty-
third St.; cost, \$2,000.

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Michigan and One Hundred and Tenth Sts.; cost,
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Fred Mabeke, two-st'y store and dwell., 29 Thomas
St.; cost, \$3,500.

Peter H. Kamp, four-st'y store and flats, 3648
Wentworth Ave.; cost, \$7,000.

M. Johnson, two-st'y store and dwell., 867 Seymour
St.; cost, \$1,500.

Dennis Mitchell, three-st'y store and flats, 77
North Ohio St.; cost, \$7,000.

"The Kenzie," six-st'y store and flats, 364-398
Chicago Ave.; cost, \$70,000.

D. Coda, 2 three-st'y stores and flats, 1320-22 West
Twelfth St.; cost, \$5,000.

B. Henderson, four-st'y store and flats, 201 West
Erie St.; cost, \$15,000.

H. Stevens, two-st'y store and flats, 755 West
Division St.; cost, \$2,500.

James Koblish, two-st'y store and dwell., Morgan
and Fiftieth Sts.; cost, \$1,000.

E. Gangolf, 2 two-st'y store and flats, Carpenter
and Sixtieth Sts.; cost, \$4,000.

Minneapolis, Minn.—James McMillan & Co., four-
st'y brick store, 200-212 First Ave., n; cost, \$22,000.

Schultz Bros., three-st'y brick store and flats, 120-
122 East Twenty-sixth St.; cost, \$15,000.

Robert Knox, two-st'y brick store and flat, 2600-02
Central Ave.; cost, \$6,000.

Philadelphia, Pa.—Second St., w s, n Greenwich

BUILDING INTELLIGENCE.

St., 4 three-st'y stores and dwells.; owners, Milna-
mow & Costa, 423 Walnut St.

Twenty-first St., s e cor. William St., three-st'y
store and dwell.; owner, F. L. Hoover, 703 Jayne
St.

Main St., w s, s Queen St., one-st'y store; con-
tractor, John D. Neil, 5 West Coulter St.

North Second St., No. 1815, two-st'y store and
dwell.; owner, John Branigan, 1753 Fidler St.

Eight St., e s, n Wood St., six-st'y store; con-
tractor, Thomas Bryan, 2106 East York St.

Fletcher St., n s, w Twenty-seventh St., two-st'y
store and dwell.; contractor, D. C. Schuler, 2337
North Sixth St.

TENEMENT-HOUSES.

Boston, Mass.—Blossom St., No. 19, Ward 8, four-
st'y brick tenements, flat roof, 18' x 42'; owner, P.
B. Goodsell; builders, C. F. Palmer & Co.

New York, Y. Y.—Amsterdam Ave., e s, 75' n One
Hundred and Sixty-fourth St., four-st'y brick tenement,
tin roof; cost, \$13,000; owner, John McCollum,
162 Edgecomb Road; architect, A. A. Campbell,
Brooklyn.

West One Hundred and Fifty-seventh St., No. 504,
four-st'y brick tenement, tin roof; cost, \$11,000;
owner, Charles E. Deppermann, 624 West One Hun-
dred and Fifty-eighth St.; architect, Joseph Wolf,
55 Liberty St.

Somerville, Mass.—Somerville Ave., No. 638, double

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East Thompson St., No. 4642, two-st'y back build-
ing; contractor, Joe. H. Dorf, s e cor. Ninth and
Venango Sts.

Almond St., n w cor. Monmouth St., two-st'y back
building; contractor, A. McClay, 3026 Richmond St.

North Broad St., No. 2872, new front and bay-
window; contractor, F. Deiterich, 2677 Frankford
Ave.

Hedge St., No. 4642, two-st'y back building; con-
tractor, George S. Elliott, 4432 Franklin St.

Robson St., n Cresson St., two-st'y back building;
contractor, Thomas Hagerty, Adams and Vincent
Sts.

Lehigh Ave. and Marshall St., one-st'y warehouse;
contractor, J. M. Anderson, 1321 South Eighteenth
St.

Chestnut Hill, 2 three-st'y buildings for Deaf and
Dumb Asylum; contractor, Charles McCaul, 20
North Eleventh St.

St. Louis, Mo.—Two two-st'y brick car-houses; cost,
\$50,000; owners, St. Louis R. R. Co.; contractor, R.
W. Morrison.

One-st'y brick shed; owners and contractors,
Union Stock Yards.

Three-st'y brick bank, saloon and dwell.; cost,
\$29,000; owners and contractors, Anheuser-Busch
Brewing Association.

Waltham, Mass.—Frame building, 50' x 60', two
stories, for Old Ladies Home; contract to be let;
architects, Hartwell & Richardson, Boston.

West Newton, Mass.—Frame club-house, 22' x 33',
with L. 16' x 60', for private parties; contract to be
let; architects, Loring & Phipps, Boston.

Winchester, Mass.—Frame club-house, 40' x 74', for
Calumet Club; contract to be let; architects, Loring
& Phipps, Boston.

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ing figure, "Liberty," about 15 feet in height; also,
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BUILDING INTELLIGENCE.

tenement-house, 25.6' x 60'; owner, James Dor-
oughty; builder, John A. McIsaac.

WAREHOUSES.

Boston, Mass.—Central Wharf, near India St.,
seven-st'y brick and stone warehouse, 63' x 123 6';
owners, Central Wharf Wet Dock and Construction
Co.; builders, B. D. Whitcomb & Co.; architects,
Fehimer & Page.

Cincinnati, O.—Blymejer Co., two-st'y warehouse;
Harriet and Court Sts.; cost, \$5,000; architect, C.
M. Burroughs.

Philadelphia, Pa.—Germantown Ave., n e cor.
Berks St., five-st'y brick warehouse and store, stone
trimmings; builder, James Ritchie.

St. Louis, Mo.—Six-st'y brick stock and warehouse;
cost, \$20,000; owners and contractors, St. Louis
Brewing Association.

Two-st'y brick warehouse; cost, \$3,000; owner
and contractor, E. J. Russell.
Brick warehouse; cost, \$100,000; owners, Tiffany
R. E. Co.; contractor, F. C. Bonsack.

MISCELLANEOUS.

Boston, Mass.—Hunnehan St., rear, near Harrison
Ave., Ward 20, one-st'y iron mechanical building,
pitch roof, 20' x 100'; owner, J. Nickerson est.;
builder, George Merritt.

Cambridge St., cor. Garden St., Ward 9, four-st'y
brick mercantile building, flat roof, 40' x 75.3';
owner, Moses B. Wilde estate; builders, Webster,
Dixon & Co.

Broadmoor, Col.—Country club.

Brooklyn, N. Y.—Carroll St., n s, 200' e Third
Ave., two-st'y brick bakery, loft and stables, tar
and gravel roof; cost, \$20,000; owners, Hildebrand
Bro., Flatbush Ave., near Fifth Ave.; architect,
Chas. Werner, Garfield Building.

Camden, N. J.—Norris Ave., n w cor. Lemon St.,
one-st'y frame storehouse; owners, Rowe & Latch.

BUILDING INTELLIGENCE.

Sixth St., s e, n Jefferson St., two-st'y frame
barrel-shop; owner, F. B. Schultz, 1905 South Sixth
St.

Liberty St., Nos. 510-514, brick building for kiln;
owners, Sil Crusta Mfg. Co.

Eighth and Chestnut Sts., frame carriage-house;
owner, J. L. Davis, s w cor. Eighth and Chestnut
Sts.

Chicopee, Mass.—Dwight Mfg. Co., three-st'y brick
machine-shop, near Chicopee River; contractor, M.
E. Cummings.

Cincinnati, O.—Blymejer Ice-Machine Co., one-st'y
shop, Eighth St.; cost, \$5,000; architects, Rice &
McMiller.

Nicetown, Pa.—A large building for casting steel is
to be built. The Midvale Steel Co., Charles J. Har-
rah, Jr., President, owners and builders.

Philadelphia, Pa.—Moses, King & Ferris, archi-
tects, 226 Walnut St., have had plans accepted for a
large three-st'y plant for American Extract Co.

Island Road, cor. Paschall St., two-st'y shop; con-
tractor, John A. Stoddart, 925 Walnut St.

Worth St., w s, n Oxford St., one-st'y dye-house;
contractors, R. C. Wunnale & Bro., 4637 Worth St.

Thompson St., n s, e Fifty-second St., one-st'y
kitchen; owner, B. Pfeiffer, 5104 Thompson St.

Queen St., No. 321, bath-house; contractor, Arthur
Hindie, 626 South Nineteenth St.

Franklin St., No. 845, conservatory; contractor,
John Foreman, 815 North Fifteenth St.

Fine St., s s, e Twenty-third St., two-st'y
machine-shop; owners, Mitchell & Doughty, 4035
Haverford Ave.

Kressler St., No. 2083, two-st'y back building and
bay; contractor, J. T. Splane, 2035 Orkney St.

Park Ave., No. 1601, one-st'y kitchen; owner, W.
P. Parker, on premises.
Sixteenth St., s e cor. Diamond St., one-st'y
kitchen; contractor, Henry Koch, 408 Fairmount
Ave.

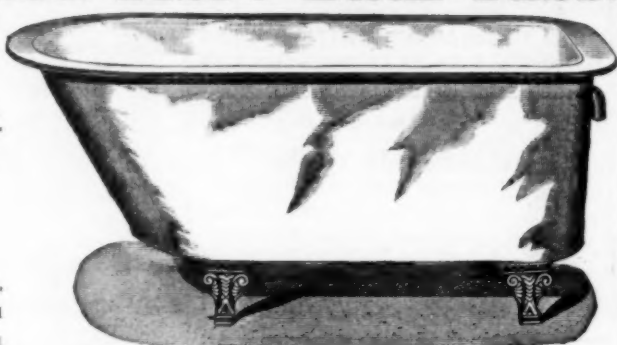
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WM. J. GLEASON, Chairman,
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JAMES HAYB,
J. B. MOLYNEAUX,
LEVI T. SCOTFIELD,
Executive Committee.

776

October 25, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 19th day of November, 1890, for all the labor and materials required to furnish and fix in place complete the low-pressure, return-circulation, steam-heating and ventilating apparatus, and to complete the plumbing of the United States Court-house, Post-office, etc., building at Winona, Minn., in strict accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Winona, Minn. Each bid must be accompanied by a certified check for \$300. The Department will reject all bids received after the time herein fixed for opening the same; also, all bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for Low-pressure, Steam-heating and Ventilating Apparatus, and for Completion of the Plumbing of the United States Court-house, Post-office, etc., building at Winona, Minn.," and addressed to JAS. H. WINDRIM, Supervising Architect.

October 25, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury

PROPOSALS.

Department, Washington, D. C., until 2 o'clock P. M. on the 20th day of November, 1890, for all the labor and materials necessary to complete the approaches, mailing platform, post-office lookout, etc., for the United States Court-house and Post-office building at Pittsburgh, Pa., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$300. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in an envelope sealed and marked "Proposal for the Approaches, Mailing Platform, Post-office Lookout, etc., for the United States Court-house and Post-office building at Pittsburgh, Pa.," and addressed to JAS. H. WINDRIM, Supervising Architect.

Proposals for Dredging, United States Engineer Office, Mobile, Ala., October 20, 1890. Sealed proposals for dredging in Mobile Harbor, Ala., Biloxi Harbor, Miss., and Pascagoula River, Miss., will be received at this office until 12 o'clock M. Thursday, the 20th day of November, 1890, and opened immediately thereafter in presence of bidders. Specifications, general instructions to bidders and blank forms of proposal will be furnished on application to this office. The attention of bidders is invited to the Acts of Congress approved February 26, 1885, and February 23, 1887, Vol. 23, Page 332, and Vol. 24, page 414, Statutes at Large. A. N. DAMRELL, Major of Engineers, U. S. A.

October 28, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 25th day of November, 1890, for all the labor and materials required for the erection and completion of the United States Court-house, Custom-house and Post-office building at Brownsville, Texas, in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Brownsville, Texas. Each bid must be accompanied by a certified check for \$500. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not strictly comply with all the requirements of this in-

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vitation. Proposals must be enclosed in an envelope sealed and marked "Proposal for the Erection and Completion of the United States Court-house, Custom-house and Post-office building at Brownsville, Texas," and addressed to JAS. H. WINDRIM, Supervising Architect.

October 24, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 18th day of November, 1890, for all the labor and materials required for the joinery-work, wood flooring, etc., for the United States Court-house and Post-office building at Pittsburgh, Pa., in accordance with drawings and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$500. The Department will reject all bids received after the time herein stated for the opening of the same; also, bids which do not comply strictly with all the requirements of this invitation. Each proposal must be enclosed in an envelope sealed and marked "Proposal for the Joinery-work, Wood Flooring, etc., for the United States Court-house and Post-office building at Pittsburgh, Pa.," and addressed to JAS. H. WINDRIM, Supervising Architect.

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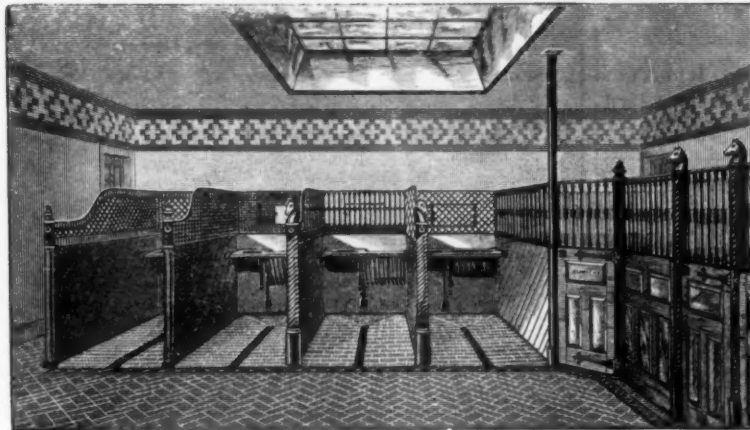
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[See Alphabetical Index on page VII for Pagination.]

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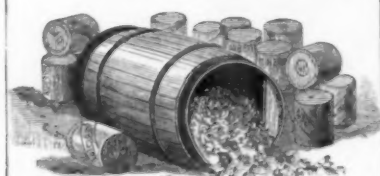
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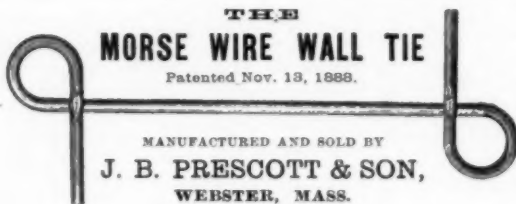
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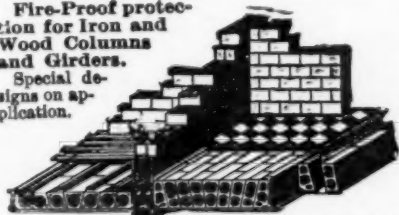
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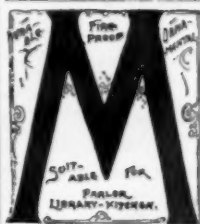
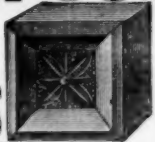
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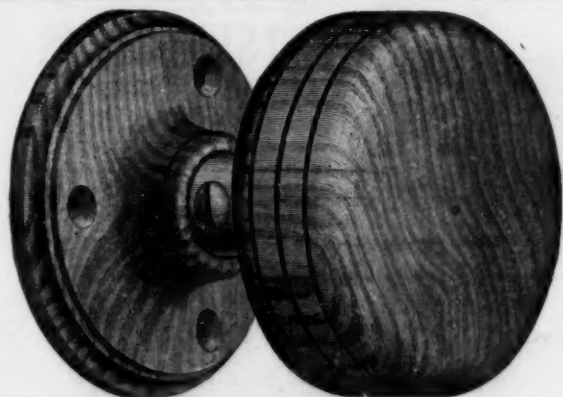
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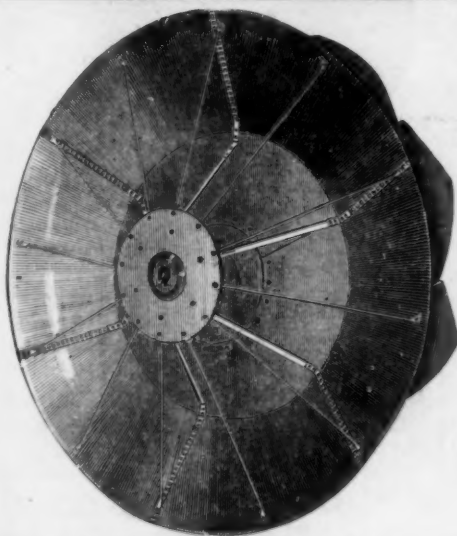
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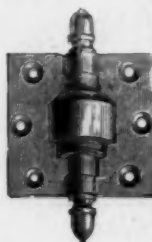
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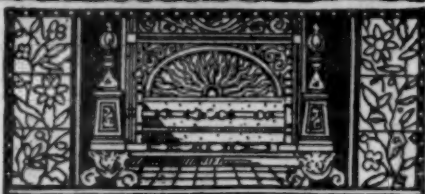
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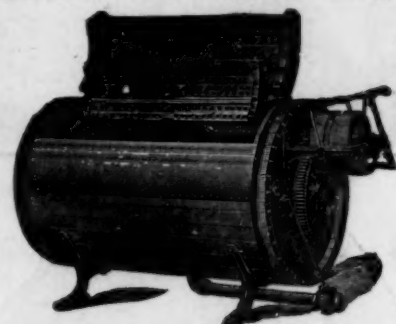
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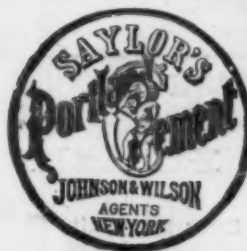
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Pine, 1st quality, clear.....

" 2d quality.....

" 3d quality.....

Spruce.....

Hemlock.....

Yellow pine.....

Cypress.....

Clapboards:

Pine.....

Spruce.....

Framing Timber:

Pine.....

Spruce.....

Hemlock.....

Yellow pine.....

Laths:

Pine.....

Spruce.....

Shingles:

Pine, shaved.....

Pine, sawed.....

Spruce, sawed.....

Redwood.....

Cedar, split.....

Cedar, sawed.....

Cypress, Split.....

Miscellaneous:

Pine.....

Fence pickets, Commo.....

Cedar posts, 9 ft. (sq. posts).....

Chestnut.....

Finishing Woods: P. M. (First Qual.)

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Cherry.....

Butternut.....

Hard-pine floors (rift).....

Mahogany, Baywood (Mexican).....

" St. Domingo.....

Maple.....

Oak, red.....

" white.....

" quartered.....

Sycamore quartered.....

Pine, clear.....

Redwood.....

Rosewood.....

Spruce floors (clear, kiln-dried).....

Walnut, black.....

Whitewood.....

Yellow pine.....

New York.

(Wholesale Prices.)

Boston.

Chicago.

Philadelphia.

(Price to Builders and Contractors.)

55 00 @ 75 00	50 00 @ 60 30	30 00 @ 47 00	48 00 @ 55 00
55 00 @ 60 00	42 00 @ 50 00	25 00 @ 28 00	40 00 @ 45 00
18 00 @ 22 00	35 00 @ 40 00	14 00 @ 20 00	30 00 @ 35 00
ea 13 1/2 @ 14	13 00 @ 25 00	Not sold.	16 00 @ 20 00
20 @ 40	13 00 @ 15 00	12 00 @ 12 00	11 25 @ 13 50
@	25 00 @ 35 00	29 00 @ 37 00	14 00 @ 29 00
@	22 00 @ 40 00	@	@ 35 00
@	40 00 @ 60 00	10 00 @ 22 00	14 00 @ 25 00
@	25 00 @ 40 00	Not sold.	Not Sold.
14 00 @ 18 00	15 50 @ 20 00	12 00 @ 15 30	25 00 @ 37 30
12 00 @ 16 00	14 00 @ 16 00	Not sold.	16 00 @ 18 00
16 00 @ 21 00	24 00 @ 35 00	10 00 @ 13 00	13 00 @ 17 00
@	@	@	22 00 @ 28 00
@ 2 25	2 25 @ 2 25	2 10 @ 2 25	3 75 @ 3 00
@ 2 25	2 25 @ 2 50	Not sold.	2 30 @ 3 00
5 00 @ 6 00	@	Not sold.	@
4 00 @ 5 00	@ 4 50	2 20 @ 3 00	@
1 50 @ 2 00	1 50 @ 00	Not sold.	@
1 40 @ 1 60	3 75 @ 4 00	6 00 @ 7 50	(30") 3 35 @ 4 00
@	@	Not sold.	(24") 8 @ 21
18 00 @ 20 00	2 00 @ 4 00	2 00 @ 2 35	(20") 35 @ 14
@	5 00 @ 6 00	3 50 @ 4 00	11 00 @ 14 00
4 1/2 @ 5 1/2	Pine 6c. P. ft.	Cut to order.	9 00 @ 13 00
8 00 @ 10 00	10 00 @ 18 00	P. 10 00 @ 18 00	4 1/2 @ 1 25
@	25 @ 50	9 @ 21	20 @ 30
@	25 @ 50	Not sold.	@
@ 55 00	45 00 @ 60 00	30 00 @ 40 00	30 00 @ 40 00
80 00 @ 120 00	80 00 @ 120 00	80 00 @ 103 00	100 00 @ 120 00
40 00 @ 60 00	60 00 @ 70 00	50 00 @ 60 00	70 00 @ 80 00
@ 180 00	150 80 @ 160 00	150 00 @ 200 00	150 00 @ 250 00
@ 350 00	120 00 @ 350 00	200 00 @ 250 00	200 00 @ 400 00
45 00 @ 50 00	45 00 @ 50 00	18 00 @ 35 00	25 00 @ 55 00
@ 70 00	@ 50 00	32 00 @ 40 00	45 00 @ 55 00
@ 70 00	50 00 @ 55 00	22 00 @ 40 00	45 00 @ 55 00
@ 90 00	65 00 @ 80 00	45 00 @ 50 00	60 00 @ 75 00
Sycamore quartered.....	50 00 @ 65 00	35 00 @ 50 00	87 29 @ 65 00
Pine, clear.....	50 00 @ 75 00	35 00 @ 50 00	@ 65 00
Redwood.....	50 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
@ 6	22 00 @ 35 00	@ 7	@ 75 00
125 00 @ 150 00	85 00 @ 120 00	55 00 @ 100 00	50 00 @ 17 00
45 00 @ 50 00	40 00 @ 45 00	18 00 @ 40 00	25 00 @ 40 00
@ 45 00	40 00 @ 42 00	29 00 @ 40 00	50 @ 45 00

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Mortar Colors.					
Black, brown, buff	\$ lb.	24			
Colorific	\$ lb.	24			
Red		3			
White	\$ bbl.	175			
Foundation:					
Dimension			5 00 \$ ton	20	5 00
Block			4 60 \$ perch		Unshooked
Rubble			1 25 1 50	8 50	1 45 2 50
Bluestone: (\$ sq. ft.)					
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 25	
Planned	50 @ 6 00	75	50 @ 1 00	37 @ 50	
Sandstone.					
Longmeadow	80	80 @ 90		95 @ 1 00	
Kilbe	90	90 @ 1 10			
Brown (Connecticut)	1 00 @ 95	1 25 @ 1 45	1 50 \$ en. ft.	1 05 @ 1 35	
Amherst	90 @ 95	90 @ 1 00	45 @ 50		
Berea	75 @ 1 00	85 @ 90	45 @ 55	55 @ 1 00	
Berlin	75 @ 1 00	80 @ 90	55 @ 65		
Belleville	80 @ 1 25	1 25 @ 1 35	1 25	1 10 @ 1 25	
New Brunswick (Dorchester)	80 @ 1 00	75 @ 90		1 00 @ 1 25	
Onen			3 00	1 25 @ 1 50	
Carlisle, English	1 05	1 05		95 @ 1 10	
Corse Hill (Scotch)	1 05	1 05			
Marble (\$ cu. ft.)					
Leo, Mass.		1 75 @ 2 50	Not sold.	2 00 @ 2 50	
Rutland, white and blue		3 00	3 50 @ 6 00	2 00 @ 3 00	
Sutherland Falls	1 25 @ 1 75	2 00	350 @ 6 00	1 70 @ 3 00	
Glens Falls, black			Not sold.	4 00 @ 4 50	
Italian, blue-veined			Not sold.	2 50 @ 2 75	
Sienna			Not sold.	4 00 @ 5 00	
Tennessee, red			Not sold.	4 00 @ 6 00	
Knoxville			Not sold.	3 00 @ 4 00	
Pennsylvania, blue			Not sold.	2 00 @ 3 00	
Vermont, white			3 50 @ 6 00	2 25 @ 3 00	
Slate: Roofing (\$ square)					
green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00	
unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75	
purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50	
red	4 25 @ 4 75	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25	
black, Lehigh			6 25 @ 8 85	3 25 @ 4 00	
Chapman	5 50 @ 8 00	5 50 @ 8 0	7 30 @ 8 00	4 00 @ 4 65	
Unfading Black, Monson, Me.			6 00 @ 9 00	5 50 @ 8 00	
Tiles, Am.					
N. Peach Bottom, warranted unfading			Not sold.	6 00 @ 6 75	
PAINTS. (In oil, & lb.)					
White lead, Am.	7 @ 7 1/2	7 1/2 @ 7 1/2	6 1/2 @ 7	7 @ 7 1/2	
Zinc	5 @ 5 1/2	5 @ 5 1/2	4 @ 4 1/2	5 @ 5 1/2	
Red lead, Am.	6 1/2 @ 7	6 1/2 @ 7 1/2	6 1/2 @ 7	6 1/2 @ 7	
Venetian	6 @ 10 1/2	7 @ 12	13 @ 2 1/2	dry Eng. 6 1/2 @ 7	
Vermilion	65 @ 70	72 @ 75 dry	65 @ 68	dry Am. 6 1/2 @ 7	
Red Indian, Eng.	12 @ 20	12 @ 20	12 @ 20	1 1/2 @ 1 1/2	
Yellow Ochre	6 @ 1 1/2	7 @ 12	3 @ 15	1 1/2 @ 1 1/2	
Chrome	12 @ 20	18 @ 25	15 @ 25	18 @ 21	
Green (chrome)	8 @ 13	8 @ 20	8 @ 20	15 @ 20	
Green, Paris	25 @ 40	25 @ 40	18 @ 35	8 @ 12	
Black, lamp	15 @ 25	15 @ 25	8 @ 30	10 @ 24	
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	60 @ 60	
Oil, linseed, (raw)	58 @ 62	60 @ 61	57 @ 60	6 @ 6	
boiled	61 @ 65	63 @ 64	60 @ 63	125 @ 300	
Turpentine	41 1/2 @ 42	1 50 @ 6 00	1 25 @ 2 00	150 @ 300	
Varnish, coach		2 50 @ 3 00	2 25 @ 4 00	2 @ 2 1/2	
Shellac		2 @ 4	2 @ 4	1 1/2 @ 2	
Putty	75 @ 1 00	1 @ 1 1/2	1 @ 1 1/2	1 @ 1 1/2	
Whiting	1 30 @ 2 00	2 @ 3	1 1/2 @ 2	1 1/2 @ 2	
Paris white, (Eng.)	14 @ 20	14 @ 20	14 @ 20	4 @ 14	
Litharge, Am.	14 @ 20	14 @ 20	2 @ 10	2 @ 13	
Sienna (burnt)					
Umber					
HARDWARE.					
Nails: (Per Cask.) Spikes, (wrought.)	2 85	2 30	2 75 @ 3 00	pr kg 2 25	
10d. common	2 60	2 40	2 35	2 30	
Shingle	3 35	3 60	2 75	2 60	
Lath	4 85		3 65	3 60 @ 4 75	
Finishing nails according to size.					
(For casing nails add 75c. per keg.)					
Butts: 4"x 4" (\$ doz. pairs)				3 60 @ 4 75	
Plain	1 00	1 20	90	1 35 @ 2 00	
Japaned	1 50	1 75	Not sold.	1 35 @ 2 75	
Acorn, Japaned	1 50	1 90	2 00 @ 3 75	48 @ 50	
Ball Tip, Boston Finish (\$ pair)	65	50	Not sold.	1 25	
Bronze metal	1 90	1 65	2 00 @ 3 25	1 00	
Brass (or supboards)	10	10	12	35	
Ebony				37 @ 1 00	
Apple wood					
Knobs: (\$ Set.)					
Mineral, best	8	8	8 @ 10	Not sold.	
Lava	50	75	65 @ 80	25 @ 50	
Hematite	Not sold	17 @ 33	31 @ 40	1 00 @ 2 25	
Porcelain	30	10	25 @ 30	1 75 @ 2 00	
Glass, solid	Not sold	88 @ 1 00	Not sold.	50 @ 3 50	
Glass, silvered	Not sold	50 @ 3 00	50 @ 3 00	75 @ 1 25	
Bronze metal	75 @ 2 00	50 @ 3 00	1 00 @ 3 00	13 1/2 @ 16	
Brass	1 00 @ 2 50		13 @ 16	6 @ 6	
Solder:					
Sheet Lead		8 1/2	7		
Lead Pipe		8	6 1/2		
Iron:					
I-Beams, up to and including 30 ft.	3 3-10 @ 3 1/2	3 1-10	3 20 @ 3 70	2 8-10	
I-Beams, over 30 ft. 1/2, 1, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4, 4 1/2, 5, 5 1/2, 6, 6 1/2, 7, 7 1/2, 8, 8 1/2, 9, 9 1/2, 10, 10 1/2, 11, 11 1/2, 12, 12 1/2, 13, 13 1/2, 14, 14 1/2, 15, 15 1/2, 16, 16 1/2, 17, 17 1/2, 18, 18 1/2, 19, 19 1/2, 20, 20 1/2, 21, 21 1/2, 22, 22 1/2, 23, 23 1/2, 24, 24 1/2, 25, 25 1/2, 26, 26 1/2, 27, 27 1/2, 28, 28 1/2, 29, 29 1/2, 30, 30 1/2, 31, 31 1/2, 32, 32 1/2, 33, 33 1/2, 34, 34 1/2, 35, 35 1/2, 36, 36 1/2, 37, 37 1/2, 38, 38 1/2, 39, 39 1/2, 40, 40 1/2, 41, 41 1/2, 42, 42 1/2, 43, 43 1/2, 44, 44 1/2, 45, 45 1/2, 46, 46 1/2, 47, 47 1/2, 48, 48 1/2, 49, 49 1/2, 50, 50 1/2, 51, 51 1/2, 52, 52 1/2, 53, 53 1/2, 54, 54 1/2, 55, 55 1/2, 56, 56 1/2, 57, 57 1/2, 58, 58 1/2, 59, 59 1/2, 60, 60 1/2, 61, 61 1/2, 62, 62 1/2, 63, 63 1/2, 64, 64 1/2, 65, 65 1/2, 66, 66 1/2, 67, 67 1/2, 68, 68 1/2, 69, 69 1/2, 70, 70 1/2, 71, 71 1/2, 72, 72 1/2, 73, 73 1/2, 74, 74 1/2, 75, 75 1/2, 76, 76 1/2, 77, 77 1/2, 78, 78 1/2, 79, 79 1/2, 80, 80 1/2, 81, 81 1/2, 82, 82 1/2, 83, 83 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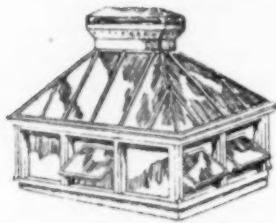
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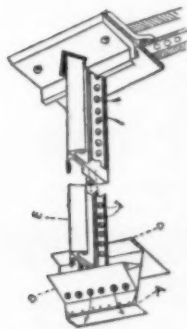
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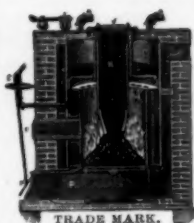
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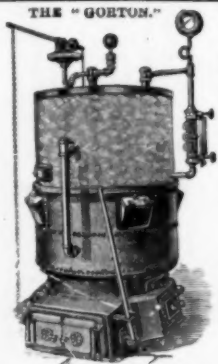
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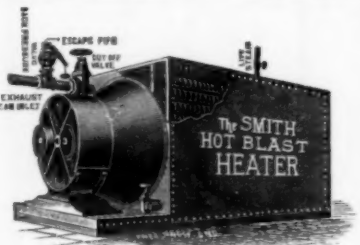


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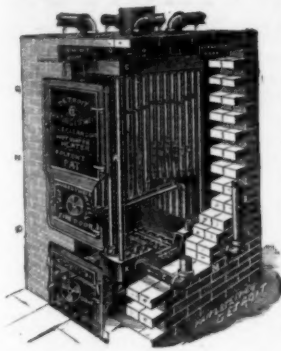


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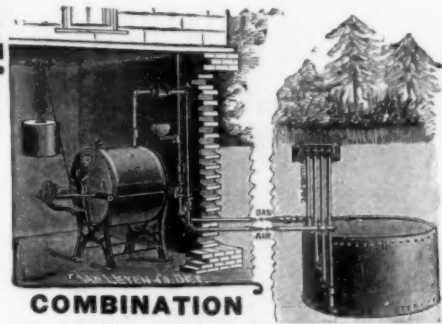


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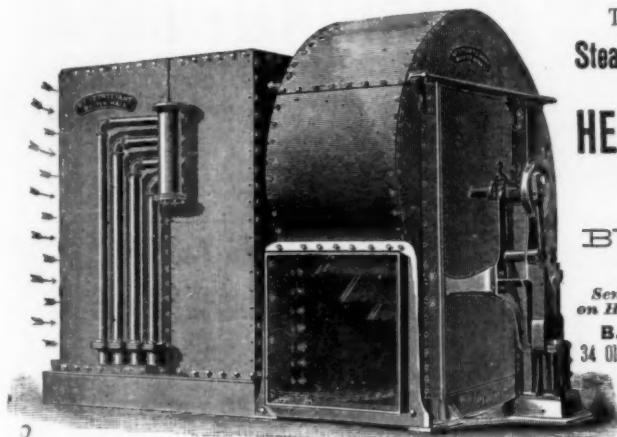
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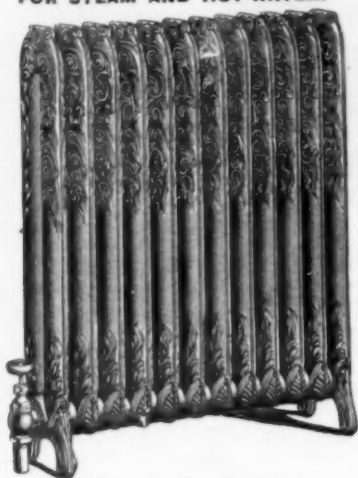
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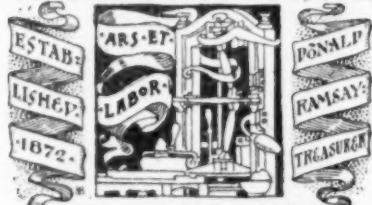
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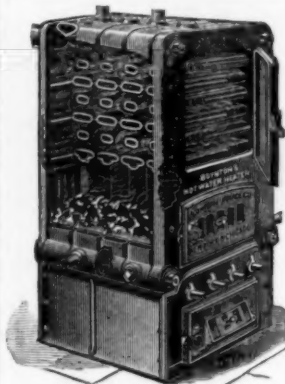
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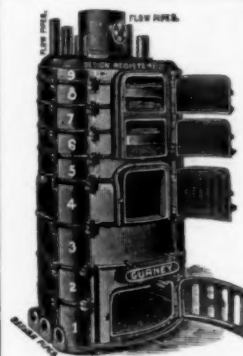
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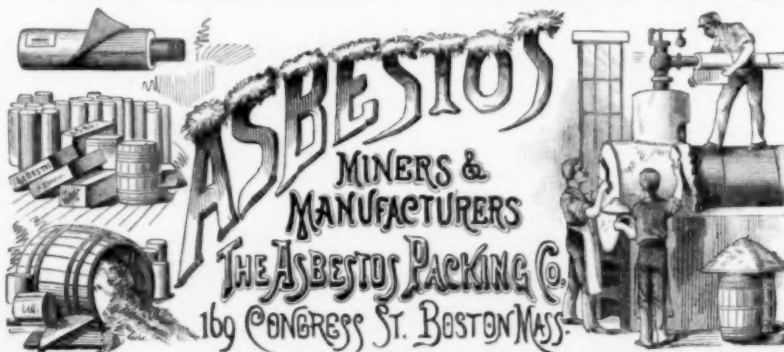
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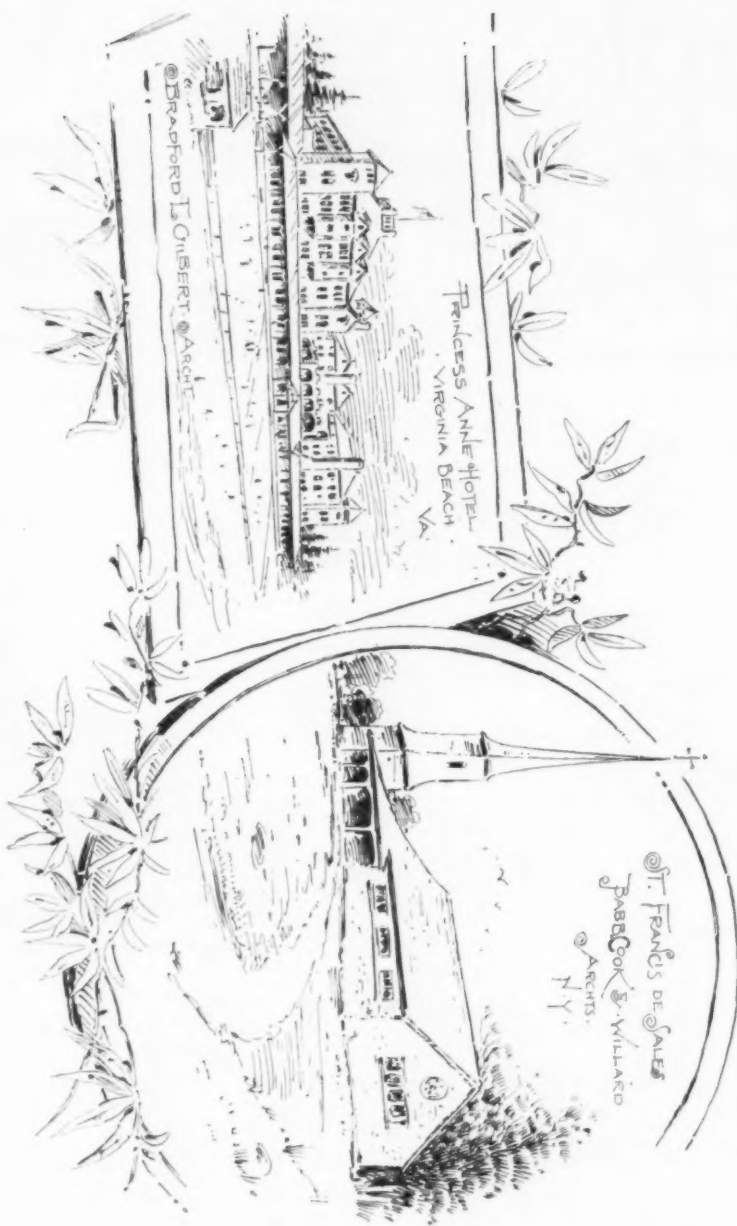
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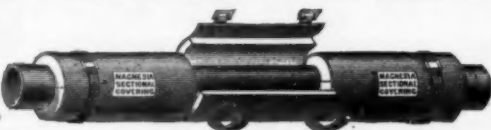
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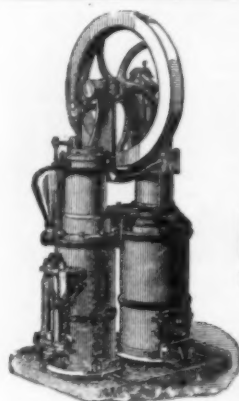
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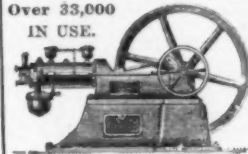
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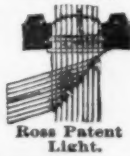
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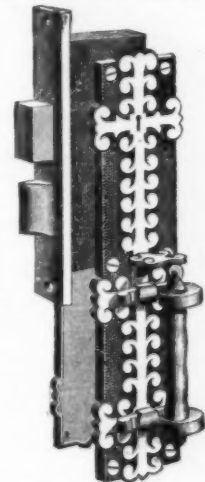
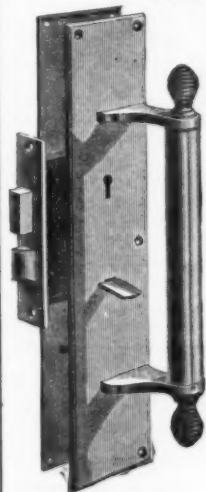
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A. BOOTE (New York, N. Y.), Mosaic. Page i.
DEXTER BROS. (Boston, Mass.), English Shingle Stain. Page xiv.

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BUILDING PATENTS.

439,641. BUILDING-BLOCK.—John M. Farrar, Canton, Ohio.
439,644. SEWER OR SEWER-PIPE.—Richard B. Fithian and John A. Wyman, New York, N. Y.
439,647. ELEVATOR.—Charles W. Fowler, Baltimore, Md.
439,655. WINDOW-STOP.—John A. and Adam C. Harold, Rochester, N. Y.
439,724. ELECTRIC HEATER.—Charles W. Drew and Edward R. Francis, Minneapolis, Minn.
439,728. METALLIC LATHING.—George Kelly, Chicago, Ill.
439,730. INLET-VALVE FOR WATER-CLOSETS.—Thomas Keyworth, Philadelphia, Pa.
439,734. ELEVATOR.—Rudolph C. Smith, Yonkers, N. Y.
439,742. SASH-BALANCE.—Henry P. Cayce, San Marcos, Texas.
439,751. WINDOW OR DOOR SCREEN.—William W. Moore, Philadelphia, Pa.
439,793. SPRAY-BATH.—George Taylor, Jersey City, N. J.
439,818. VALVE FOR WASH-BASINS.—James W. Hale, Newburyport, Mass.
439,844. ELEVATOR-GUARD.—Charles J. Latz, Rochester, N. Y.
439,886. CLAMP FOR SLIDING-DOORS.—Edward Y. Moore, Milwaukee, Wis.
439,912. SHUTTER-WORKER.—Alexander F. Ward, Detroit, Mich.
439,940. DEVICE FOR OPERATING ELEVATOR-GATES.—William H. Golder, Portland, Oregon.

Imports of Building Materials, Etc.,

AT THE PORT OF NEW YORK FOR THE WEEK ENDING NOVEMBER 5, 1890.

From Amsterdam.—Steamer "Rotterdam," 700 casks cement, Chas. H. Spencer.

From Antwerp.—Steamer "Westernland," 3,000 barrels cement, E. Thiele; 15 cases marble, Elvin, Kelson & Co.; 2,500 barrels cement, order; Steamer "Edinbridge," 2,500 barrels cement, E. Thiele; 3,325 do., Canadian Bank of Commerce; 100 barrels cement, J. Brand; 1,000 barrels cement, order.

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Ridgway Furnace Co.
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Okonite Co.
E. T. Barnam.
Wm. Powell Co.
Curtis Regulator Co.
J. B. Prescott & Son.

IMPORTS OF BUILDING MATERIALS, Etc.

From Bremen.—Ship "Otto," 200 planks, A. Steen-
grafe; 1,044 casks cement, Baetjer & Meyerstein;
3,344 casks cement, order; Steamer "Werra," 8
cases bronze, Thos. Riessner.

From Bristol.—Steamer "Exeter City," 1,000 cases
bricks, Hammill & Gillespie.

From Central America.—Steamer "Newfort," 16
logs mahogany, Pomares & Cushman.

From Copenhagen.—Steamer "Island," 750 barrels
cement, H. Marquardt & Co.

From Glasgow.—Steamer "State of Nebraska," 64
cases granite, W. C. Townsend; 288 do., Austin,
Baldwin & Co.; 10 blocks stone, H. P. Binewanger;
135 enamelled bricks, Clark Weeks & Bro.; 30 casks
tiles, John Reed.

From Hamburg.—Steamer "Wieland," 1,120 casks
cement, E. Thiele; bark "D. H. Watjen," 2,333
barrels cement, order; Steamer "Moravia," 1,120
casks cement, E. Thiele; 1,120 do. Portland cement,
Gabriel & Schall; 510 casks cement, order.

From Havana.—Steamer "Niagara," 318 logs
mahogany, 24 cedar logs, Edwin W. Adams & Co.

From Havre.—Steamer "Wieland," 13 cases plaster,
A. Diepenbrock.

From Liverpool.—Steamer "City of Chicago," 2
pieces stone, E. Clayton; 36 casks cattle hair, order;
Steamer "Cylic," 5 logs oak, 572 pieces hard wood,
order.

From London.—Steamer "Tower Hill," 300 casks
cement, Henderson Bros.; 1,000 casks cement, C. J.
Stevens; 500 do., J. Brand; 1,000 do., German Bank
of London; 11 logs hard wood, 1,650 casks cement,
order.

From Plymouth.—Bark "British America," 112
tons bricks, Hammill & Gillespie.

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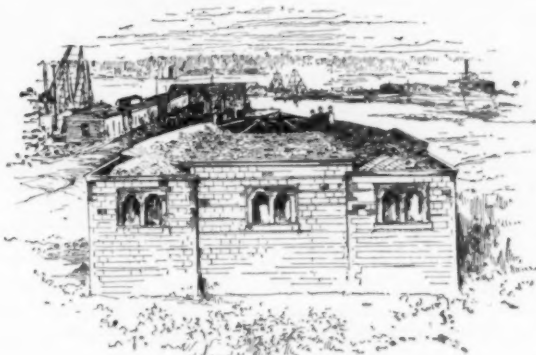
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View of the Main Office, N. Y.

NEW YORK:
57th St. and N. R.

IMPORTS OF BUILDING MATERIALS, Etc.

From Ponce.—Steamer "Venezia," 58 logs satin wood, for London; 293 logs satin wood, order.
From Rotterdam.—Steamer "Rotterdam," 16 cases statues, C. H. Joosten.
From Stettin.—Ship "Monssen," 2,500 casks cement, H. Marquardt & Co.; Steamer "Italia," 1,005 firebricks, H. Marquardt & Co.; 1,500 barrels cement, E. Thiele; 2,000 barrels cement, 8 bales cow-hair, 319 bales horse-hair, order.
From St. Jago de Cuba.—Steamer "Cienfuegos," 83 logs cedar, 170 do. mahogany, Willard Hawes & Co.
From Swansea.—Steamer "Cascapedia," 30,000 firebricks, Peter R. McTine & Son.
From Windsor, N. S.—Schooner "Laconia," 880 tons plaster, J. B. King & Co.
From Vera Cruz.—Steamer "Habana," 85 blocks marble, W. Loiza & Co.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

ALTERATIONS.

Boston, Mass.—Boylston St., No. 29, Ward 10, remove front wall up to third floor and extend store front to street lines; owner, Warren Sherburne; builders, Orne & Lawrence.
Brooklyn, N. Y.—Lee Ave., s e cor. Hewes St., two-st'y brick dwell., tin roof, two-st'y brick extension and internal alterations, etc.; cost, \$6,000; owner, Charles A. Klotz, 160 Kent St.; architect, David Acker & Son, 752 Broadway.
Henry St., n w cor. Amity St., two-st'y brick hospital, tin roof, three-st'y brick extension and internal alterations; cost, \$26,000; owner, Long Island College Hospital, on premises; architect, W. B. Tubby, Fulton St., New York City.
Fulton Ave., No. 1616, three-st'y brick store and dwell., tin roof, three-st'y brick extension and internal alterations; cost, \$3,000; owner, John D. Pies, 1616 Fulton Ave.; architect, Wm. V. Young, 209 McDonough St.
Camden, N. J.—Division St., cor. Broadway, three-st'y addition to building, to be called "Red Men's Hall"; owner, George Leathwhite, 900 Broadway; contractor, J. S. Jackson, 629 Broadway.
Chicago, Ill.—August Schirmerewski, two-st'y addition, 232 Southport Ave.; cost, \$3,000.
W. W. Bristol, addition, 5210 Emerald Ave.; cost, \$1,800.
John Lally, two-st'y addition, 326 Thirteenth Pl.; cost, \$2,000.
Henry Hellberg, one-st'y addition, 398 North Ave.; cost, \$1,200.
Antonio Podaska, one-st'y addition, Sixty-first and State Sts.; cost, \$1,500.
E. Partridge, one-st'y addition; cost, \$4,000.
Joseph Bouterkoss, addition, 362 Southport Ave.; cost, \$1,400.
G. Freund, two-st'y addition, 3221 Vernon Ave.; cost, \$2,000.
John Rick, two-st'y addition, 2731 Shields Ave.; cost, \$2,800.
B. W. Hyde, addition, 3844 Johnson Pl.; cost, \$2,700.
Baker Bros., addition, 672 West Madison St.; cost, \$2,500.
J. Rozhorn, addition, 820 West Eighteenth St.; cost, \$2,300.

BUILDING INTELLIGENCE.

L. J. McCormick, three-st'y addition, 84-86 La Salle St.; cost, \$125,000.
L. J. Blades, four-st'y addition, 376-384 South Canal St.; cost, \$40,000.
Mary Long, three-st'y addition, 299 East Chicago Ave.; cost, \$2,500.
James Allen, one-st'y addition, 696 West Ohio St.; cost, \$1,000.
M. A. Smith, one-st'y addition, Eighty-sixth St. Vincennes Ave.; cost, \$1,000.
Swan Peterson, three-st'y addition, 36 Marion Pl.; cost, \$2,500.
Frankford, Pa.—Cambridge St., n s, w Orthodox St., one-st'y alteration to front of building; builder, M. H. Harrington, Upal St.
Philadelphia, Pa.—East Susquehanna St., s w cor. Coral St., interior and exterior alterations; contractor, M. Morrison, 2040 Coral St.
Wickin St., s w cor. Cedar St., bath and stable alterations; contractor, J. P. Matlack, 2349 Dickinson St.
Riley St., s s, n Mitchell St., one-st'y addition to storehouse; owner, Henry Wauklin, Roxborough, Pa.
Woodland Ave., w s, s Fifty-second St., one-st'y addition to dwell.; owner, John Dick, Fifty-third St. and Woodland Ave.
Warren St., s s, e Thirty-eighth St., two-st'y addition to stable; contractor, James Bradley, 40 West Thirty-eighth St.
Walnut St., No. 508, interior and exterior alterations; architect, Harrison Albright, 508 Walnut St.
South Seventeenth St., No. 261, interior alterations will be made by Edward H. Flood, cor. Diamond and Twenty-second Sts.
Westmoreland St., w Seventeenth St., addition of three-st'y foundry to shafting works.
North Front St., No. 2746, front alterations; contractor, Jacob Tarber.
Sedgely Ave., Ninth St. and Westmoreland Ave., four-st'y stone and brick addition to morocco factory; owners, J. P. Matthews & Co.; builder, Benj. Walker, Nicetown, Philadelphia, Pa.
St. Louis, Mo.—Reconstruct heating apparatus; cost, \$5,000; owner, St. Louis Public School; contractor, C. G. Short.

APARTMENT-HOUSES.

Chicago, Ill.—William Hemker, two-st'y flats, 851 Hinman St.; cost, \$4,000.
Miss Fiedler, three-st'y flats, 27 North California Ave.; cost, \$7,000.
E. McCarthy, three-st'y flats, 1171 Wilcox St.; cost, \$5,000.
B. Markwalter, two-st'y flats, 1257 Cornelia St.; cost, \$3,500.
James Webber, two-st'y flats, Peoria and Seventy-third Sts.; cost, \$1,000.
M. Petros, two-st'y flats, 4747 Lincoln St.; cost, \$2,400.
Ortland & Rumston, two-st'y flats, 6819 Carpenter St.; cost, \$2,500.
E. Olson & Co., 2 two-st'y flats, 8240 Wendell St.; cost, \$3,000.
William Rupert, three-st'y flats, 71 Fremont St.; cost, \$3,000.
M. Ostowsky, two-st'y flat, 84 Cleaver St.; cost, \$2,500.
Charles W. Bartels, two-st'y flats, 151 Dearborn Ave.; cost, \$2,500.
N. Olson, two-st'y flats, Center Ave. and Sixty-first St.; cost, \$1,200.
John Werner, two-st'y flats, 5115 Laffin St.; cost, \$2,000.
Robert Phillips, two-st'y flats, Bishop and Fifty-fifth Sts.; cost, \$1,000.
Harry A. Myer, two-st'y flats, Belmont Ave. and Paulina St.; cost, \$2,800.
M. Mitchell, three-st'y flats, 106 De Koven St.; cost, \$4,000.

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We Manufacture the Highest Grade only of ELECTRICAL APPARATUS.

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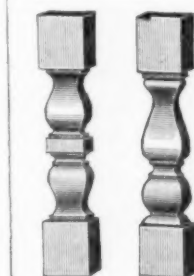
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BUILDING INTELLIGENCE.

Perent & Nelson, 6 two-st'y flats, 91-103 Dickens St.; cost, \$5,000.
David Hutter, two-st'y flats, 225 Laffin St.; cost, \$4,000.
Martin Wauneka, two-st'y flats, 2632 Lowe Ave.; cost, \$1,400.
M. Luzer, two-st'y flats, 9023 Exchange St.; cost, \$1,600.
Henry Ruder, two-st'y flats, 306 Sheffield Ave.; cost, \$6,000.
Thomas Pond, two-st'y flats, 1035 West Eighteenth St.; cost, \$3,500.
R. Rasmussen, two-st'y flats, 616 Dania St.; cost, \$4,500.
P. A. Helm, two-st'y flats, 1095 Kedzie Ave.; cost, \$1,300.
August Peters, two-st'y flats, 8537 Buffalo St.; cost, \$1,100.
Frank Margurek, two-st'y flats, 8426 Superior Ave.; cost, \$1,300.
Jennie Brown, two-st'y flats, 7813 Woodlawn Ave.; cost, \$1,600.
New York, N. Y.—East Eighty-second St., No. 121, five-st'y brick flat, tin roof; cost, \$22,000; owner, Wm. Pieken, 116 East Eighty-second St.; architect, Edward Wenz, 1491 Third Ave.
Third Ave., e s, 50' s' s One Hundred and Eighteenth St., five-st'y brick flat, tin roof; cost, \$18,500; owner, Antonio Giallo, 66 One Hundred and Twelfth St.; architect, James Barrett, 244 East Twelfth St.
One Hundred and Thirty-third St., n s, 225' s Seventh Ave., five-st'y brick flat, tin roof; cost, \$18,000; owner, Louis G. Leyrer, 43 East One Hundred and Twelfth St.; architect, M. Louis Ungrich, 236 East One Hundred and Eighteenth St.
One Hundred and Twenty-eighth St., n s, and One Hundred and Twenty-ninth St., s s, 125' s Lenox Ave., 6 five-st'y brick flats, tin roofs; cost, \$132,000; owner, Patrick Hogan, 1614 Lexington Ave.; architect, Andrew Spence, 163 East One Hundred and Twenty-fifth St.
Ninety-fifth St., n s, 200' w Third Ave., five-st'y brick flat, tin roof; cost, \$18,000; owners, Hachmeister &

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BUILDING PAPER,
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BUILDING INTELLIGENCE.

Wenemmer, 204 East Eighty-sixth St.; architect, Frank Wenemmer, 302 East Sixty-eighth St. Catharine St., No. 29, five-sty brick flat, plastic slate or tin roof; cost, \$18,000; owner, Wm. Remsen, 26 Waverly Pl.; architect, T. F. Camp, 177 Broadway.

Ninety-sixth St., s. s. 74' 5" w Second Ave., 4 five-sty brick flats, tin roofs; cost, \$72,000; owner, Francis A. Clark, 165 East Ninety-fifth St.; architect, Edward Wenz, 1491 Third Ave.

Second Ave., s. w. cor. Ninety-sixth St., 4 five-sty brick flats, tin roofs; cost, \$74,000; owner, Francis A. Clark, 165 East Ninety-fifth St.; architect, Edward Wenz, 1491 Third Ave.

Madison Ave., n. w. cor. Thirty-first St., seven-sty brick flat; cost, \$250,000; owner, P. N. Ramsey, 125 East Twenty-fourth St.; architect, G. Fred Pelham, 1481 Broadway.

Broom St., s. w. cor. Goerck St., 2 five-sty brick flats, tin roofs; cost, \$40,000; owner, Bernhard Rosenstock, 39 Nassau St.; architect, William C. Frohme, 822 Broadway.

Eighth Ave., s. w. cor. Ninety-fifth St., five-sty brick flat, tin roof; cost, \$35,000; owner, David Christie, 634 West Eighth Ave.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

Ninety-eighth St., s. s. 359' e Amsterdam Ave., 2 five-sty brick flats, tin roofs; cost, \$40,000; owner, Alexander Cameron, 76 Eighth Ave.; architect, Henry Davidson, 222 Ninth Ave.

Clinton St., Nos. 147-149, five-sty brick flat, tin roof; cost, \$26,000; owner, Morris J. A. Kobson, 152 Clinton St.; architect, Fred Ebeling, 3 First Ave.

CHURCHES.

Brooklyn, N. Y.—Jefferson Ave., s. s. 192' 6" w Central Ave., frame church, shingle roof; cost, \$3,000; owner, Evangelische Duleph; architect, Frank Holmberg, 1161 Broadway.

Philadelphia, Pa.—Wharton St., s. e. cor. Ward St., St. Paul's German Reformed Evangelical Congregation, two-sty church and parsonage; architect, J. P. Stueckert; contractor, Charles Auchter, 1523 North Twenty-seventh St.

Portsmouth, Va.—St. Paul's brick church will be built here from plans prepared by J. J. Deery, architect, 435 Chestnut St., Philadelphia, Pa.; cost, about \$6,000.

FACTORIES.

Chicago, Ill.—Samuel Franklin, three-sty factory, 447-449 Morgan St.; cost, \$16,000.
John F. Barney, four-sty factory, 28 Penn St.; cost, \$20,000.

W. E. Newberry, five-sty factory, 141-143 Ontario St.; cost, \$25,000.
Samuel O. Dauchy, 6 two-sty factories, 84-92 Illinois St.; cost, \$20,000.

J. Freund, three-sty factory, 2911-13 Wentworth Ave.; cost, \$2,100.
N. H. Warren, four-sty factory, 32-36 South St.; cost, \$18,000.

Louis Hanhold, one-sty factory, Churchill and Robey Sts.; cost, \$2,500.
Dr. V. C. Price, six-sty factory, 252-254 Illinois St.; cost, \$20,000.

McGuire Mfg. Co., two-sty factory, 183 Morgan St.; cost, \$20,000.
John Hebert, three-sty factory, 783-787 North Halsted St.; cost, \$6,000.

P. Rohm, four-sty factory, 62-68 Frank St.; cost, \$5,000.
Rose Mfg. Co., one-sty factory, 2-12 Fisk St.; cost, \$20,000.

New York, N. Y.—Little West Twelfth St., n. w. cor. Washington St., five-sty brick factory, gravel roof; cost, \$35,000; owner, Charles M. Wing, 233 Quincey St., Brooklyn; architect, J. M. Farnsworth, Temple Court.

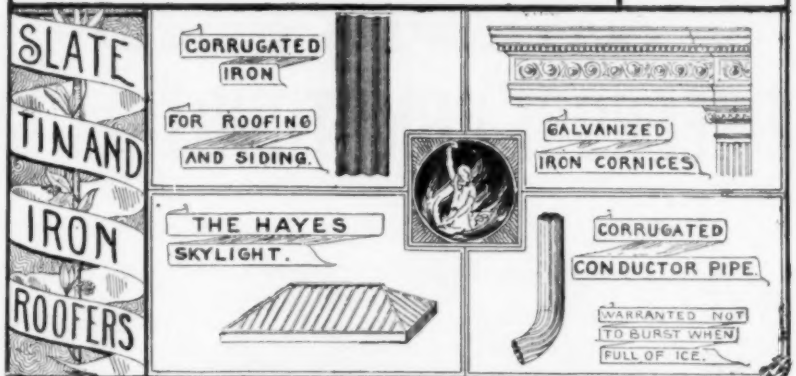
West St., Nos. 479-483, w Twelfth St., five-sty brick factory, gravel composition roof; cost, \$40,000; owners, American Biscuit Mfg. Co., West and Bethune Sts.; architect, G. Vigeant, Chicago, Ill.

HOTELS.

Athens, Ga.—R. L. Moss, Esq., contemplates building a hotel, to cost about \$40,000.

JAMES A. MILLER & BRO.

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S. CLINTON ST.
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GRAVEL AND METAL Artificial Stone Sidewalks. Warren's Natural Asphalt Roofing.
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Dear Sirs:—I have pleasure in saying that we have used Scott's "Extra Coated" tin on our train shed in Chicago; we have also used it on other large train houses, and a number of rail road buildings of large size, believing it to be a thoroughly reliable article, and it has in every case given entire satisfaction.

Yours truly,

W. J. Jobling
Chief Engineer.

BUILDING INTELLIGENCE.

Chattanooga, Tenn.—Hotel on Cameron Hill, to cost \$250,000.

Dallas, Texas.—The lately projected Oriental Hotel will be six stories high, and cost about \$600,000.

Edge Hill, Pa.—Three-sty stone hotel; cost, from \$15,000 to \$20,000; contractor, Frank Comly.

HOUSES.

Ashmont, Mass.—Ashmont St., frame dwell., 32' x 39'; owners, Legg & Jacques; builder, W. J. Smith; architect, Edwin J. Lewis, Jr., Boston.

Arundel Park, frame dwell., 27' x 39'; owner, Charles F. Klutredge; contract to be let; architect, Edwin J. Lewis, Jr., Boston.

Ocean St., frame dwell., 30' x 37'; owner, Mrs. Anne R. Reed; builders, J. H. Burt & Co.; architect, Edwin J. Lewis, Jr., Boston.

Ashmont St., frame dwell., 35' x 36'; owner, Mrs. Emma W. Pond; builders, J. H. Burt & Co.; architect, Edwin J. Lewis, Jr., Boston.

Baltimore, Md.—Edward J. Gallagher, 4 two-sty brick buildings, e s Burke St., bet. Fayette St. and Fairmount Ave.; and 4 two-sty brick buildings, w s Port Alley, bet. Fayette St. and Fairmount Ave.

Jos. M. Cone, 3 four-sty stone buildings, w s Eutaw St., bet. Laurens and Robert Sts.

Jas. F. Morgan, 11 two-sty brick buildings, com. e cor. Riverside and Hamburg Sts.; and 3 two-sty brick buildings, s s Hamburg St.

David S. Collett, 6 two-sty brick buildings, e s Gilmor St., bet. Mosher and Townsend Sts.; and 4 two-sty brick buildings, w s Parrish Alley, in rear of above.

Boston, Mass.—Crawford St., No. 53, Ward 21, frame dwell., 28' x 54'; owners and builders, Wood & Wetherbee.

Dustin St., near Cambridge St., Ward 25, frame dwell., 27' x 38'; owner and builder, Michael Quirk.

Coleridge St., opp. Wordsworth St., Ward 1, two-sty frame dwell., flat roof, 21' x 32'; owner, T. J. Cantrell; builder, James P. Bill.

Erans St., near Milton Ave., Ward 24, frame dwell., 25.8' x 35.6'; owner, J. A. McDowell; builder, John McDowell.

Hartford Terrace, near Hartford St., Ward 20, frame dwell., 19' x 42'; owner and builder, Guy A. Clifford.

Brookfield St., Nos. 10-12, Ward 20, 2 three-sty frame dwell., flat roofs, 25.9' x 58'; owner, F. B. Bodwell, builder, M. Scullion.

Houland St., near Humboldt Ave., Ward 21, two frame dwell., 30.6' x 40'; owners, F. Wallen and

BUILDING INTELLIGENCE.

Mrs. I. G. L. McIntosh; builders, Cameron & Holmes.

Mitchell St., No. 1, Ward 15, frame dwell., 18' x 30'; owner and builder, Ulrich Wilhelm.

Hill St., near Hancock St., Ward 24, two-sty frame dwell., hip roof, 26' x 38'; owner, W. A. Spooner; builder, W. J. Jobling.

Leland St., near Cottage St., Ward 20, 4 three-sty frame dwell., flat roofs, 25.6' x 51.6'; owner and builder, G. M. Fernald.

Conant St., No. 107, Ward 22, three-sty frame dwell., flat roof, 22' x 40'; owner, Jeremiah Brennan; builders, Pierce Bros.

Brookline, Mass.—Brooks St., frame dwell.; owner, Wm. C. Codman, Jr.; contract to be let; architects, Ball & Dabney, Boston.

Brooklyn, N. Y.—Madison St., n. e. cor. Lewis Ave., three-sty brick dwell., tin roof; cost, \$10,000; owner, P. H. Godfrey, 576 Madison St.; architect, John E. Dwyer, 1540 Broadway.

Starr St., n. s. 225' w Hamburg Ave., three-sty frame dwell., tin roof; cost, \$5,000; owner, Albert Merz, 31 Starr St.; architect, Th. Engelhardt, 905 Broadway.

Harmon St., n. s. 150' w Central Ave., 6 three-sty frame dwell., tin roofs; total cost, \$28,000; owner, John Hahn, 247 Central Ave.; architect, A. Berckmeier, 101 Ralph St.

Conselyea St., n. s. 125' w Graham Ave., four-sty frame dwell., tin roof; cost, \$5,000; owner, Mr. Fitzgibbon, Graham Ave., near Almsie St.; architect, Henry Vollweiler, 486 Hart St.

Grand Ave., s. e. cor. Clifton Pl., three-sty brick dwell., tin roof; cost, \$5,000; owner, Mr. Munz, Clifton Pl. and Grand Ave.; architect, Th. Engelhardt, 905 Broadway.

Herlimer St., n. s. 400' e Nostrand Ave., three-sty brick dwell., tin and slate roof; cost, \$6,000; owner and architect, F. B. Langston, 1225 Bedford Ave.

Pacific St., s. s. 200' e Brooklyn Ave., 5 three-sty brick dwell., tin roofs; cost, \$6,500 each; owner, John Phillips, 74 Hancock St.; architect, George R. Chappell, 24 State St., New York.

Madison St., n. s. 90' e Evergreen Ave., 2 two-sty brick dwell., tin roofs; cost, \$3,500 each; owner, John H. Fort, Evergreen Ave. and Woodbine St.; architect, A. J. Lamb, 1068 Putnam Ave.

Troy Ave., w. s. 125' n St. Mark's Ave., two-sty frame dwell., gravel roof; cost, \$3,500; owner, John Hennessy, 144 Troy Ave.; architect, S. J. Stilson, 976 Hancock St.

Christopher Ave., e. s. 25' n Sulter Ave., 6 two-

st'y frame dwells, tin roofs; cost, \$1,500 each; owner, S. C. Wilson, Baldwin's, L. I.
Prospect Ave., s s, 180' w Eighth Ave., 2 three-st'y frame dwells, tin roofs; total cost, \$8,500; owner, Mr. Henzel, 8 Jackson Pl.; architect, Chas. Braun, 724 Fifth Ave.

Chicago, Ill.—John Bodner, cottage, Wood and Forty-eighth Sts.; cost, \$1,000.
 G. Kiklenig, cottage, 4857 Thomas St.; cost, \$1,100.
 E. C. Tiffany, 3 two-st'y dwells, 629-635 Aberdeen St.; cost, \$5,800.

James Bolton, 10 two-st'y dwells, Indiana and Fifty-ninth Sts.; cost, \$40,000.
 J. H. Dunham, 4 two-st'y dwells, Fiftyeth St., near Madison Ave.; cost, \$20,000.

M. E. Smith, 2 two-st'y dwells, 4516 Champlain Ave.; cost, \$7,500.
 Joseph Stoehr, cottage, 2319 West Ohio St.; cost, \$1,200.

A. Weaver, 2 two-st'y dwells, 283 Irving St.; cost, \$5,000.
 R. S. Nash, three-st'y dwell., 3332 Calumet Ave.; cost, \$6,000.

Joseph Fischer, cottage, 1680 West Twenty-second St.; cost, \$1,500.
 C. E. Phelps, cottage, 5705 Aberdeen St.; cost, \$1,200.

William Connors, cottage, 6320 May St.; cost, \$1,000.
 Julius Maas, cottage, 1744 Oakley St.; cost, \$1,200.
 G. L. Crawford, cottage, Emerald Ave. and Seventy-ninth St.; cost, \$1,000.

A. Kolberg, cottage, 1033 Avenue K; cost, \$1,200.
 F. Fox, cottage, 841 Center St.; cost, \$1,200.
 James H. Reading, cottage, 773 Rockwell St.; cost, \$1,800.

A. Schmieder, two-st'y dwell., 4338 Tracy Ave.; cost, \$1,500.
 H. C. Fischer, two-st'y dwell., 4737 Lake Ave.; cost, \$10,000.

Martha Horolater, two-st'y dwell., Sixth Ave. and Ninety-fifth St.; cost, \$3,000.
 Mrs. B. Armour, four-st'y dwell., 118 Lake Shore Drive; cost, \$40,000.

Julius Maas, cottage, 625 Sawyer St.; cost, \$1,500.
 R. Colum, three cottages, Lincoln and Forty-eighth Sts.; cost, \$2,250.

Joseph Gibler, cottage, Forty-eighth and Wallace Sts.; cost, \$1,000.
 William Kelly, cottage, Peoria and Sixty-eighth Sts.; cost, \$1,600.

G. L. Crawford, cottage, Emerald Ave., near Seventy-ninth St.; cost, \$1,000.
 H. Schultz, cottage, Laurence St., near Paulina St.; cost, \$2,000.

J. P. Tobin, cottage, 1327 Wellington St.; cost, \$1,300.
 F. Schmidt, two cottages, 5618 Barker Ave.; cost, \$3,000.

Rev. T. O'Sullivan, two-st'y dwell., Torrence Ave., near One Hundred and Fifteenth St.; cost, \$5,000.
 P. J. Coavey, cottage, Superior and One Hundred and Thirty-third Sts.; cost, \$1,200.

E. D. Temple, two-st'y dwell., 953 Turner Ave.; cost, \$1,800.

Camden, N. J.—*Seventh St.*, s e cor. Linden St., 10 two-st'y brick dwells; total cost, \$25,000; owner and builder, Mr. Moore.

Eighth St., s e cor. Elm St., 2 two-st'y brick dwells; owner and builder, Charles W. Cox, 728 Federal St.

Cramer's Hill, N. J.—Four two-st'y frame dwells; cost, about \$6,000; owners and builders, Justice & Moore, s e cor. Fourth and Main Sts., Camden.

Hull, Mass.—Two frame dwells; owners, Frank C. Welch and James R. Hooper; contractors to be let; architects, Ball & Dabney, Boston.

Kittery, Me.—Cottage for D. P. Penhallow; contract to be let; architects, Ball & Dabney, Boston.

Lindenwood, N. J.—Justice & Moore, contractors, s e cor. Fourth and Main Sts., Camden, N. J., are building for themselves 3 two-and-one-half-st'y cottages.

Melrose, Mass.—*Bellevue Ave.*, frame dwell., 32' x 44'; owner, Webster Norris; contract to be let; architect, Edwin J. Lewis, Jr., Boston.

Philadelphia, Pa.—*Chelten Ave.*, n s, e Sprague St., 4 two-st'y dwells; owner, George Davenport, Chelten Ave. and Chew St.

Fourth St., e s, n Du cannon St., 2 two-st'y dwells; owner, Jos. Heaton, Marshall St., n Pike St.

Duncannon St., n s, w Fourth St., two-st'y dwell.; contractor, Jos. Heaton, Marshall St., n Pike St.

Emlen St., n w cor. Norton St., three-st'y dwell.; contractor, W. L. Atkinson, 2214 Wallace St.

Sansom St., n s, w Fifty-fifth St., two-st'y dwell.; owner, Jas. Howie, on premises.

Sixty-second St., e s, s Locust St., two-st'y dwell.; owner, Benjamin Jennings, Delaware Co., Pa.

McKean St., n s, e Front St., 13 two-st'y dwells; owners, Leonard & Gauthier, 812 North Twenty-seventh St.

Marston St., w s, s Oxford St., 2 two-st'y dwells; owner, Benjamin Bertolett, Thirtieth St. and Columbia Ave.

Conly St., n s, n Dittman St., two-st'y dwell.; owner, S. S. Wilmer, 2611 North Sixth St.

Bustleton Pike, w s, n Fillmore St., three-st'y dwell.; contractors, Bush & Taylor, Bustleton.

Ruth St., n s, e Orleans St., 2 two-st'y dwells; owner, David Whitney, 2506 Emerald St.

Nineteenth St., e s, n Ontario St., 4 three-st'y dwells; contractor, M. McManus, 313 North Twentieth St.

Manayunk Ave., n s, e Lyceum Ave., 2 three-st'y dwells; contractor, William H. Eddleman, 480 Green Lane.

Fairhill St., w s, n Taber St., three-st'y dwell.; contractor, H. E. Bradford, 1337 Bishop St.

Ellerood Ave., No. 6510, three-st'y dwell.; owner, R. J. Kirby, 425 Walnut St.

Winona St., s s, w Morris St., three-st'y dwell.; contractor, J. O. Broadbent, 314 Haines St.

Tenth St., n w cor. Susquehanna Ave., 17 two-st'y dwells; owner, John M. Sharp, 1936 South College Ave.

Colona St., s s, w Tenth St., 5 two-st'y dwells; owner, John M. Sharp, 1936 South College Ave.

Paltherp St., e s, n Norris St., 2 two-st'y dwells; contractor, Thompson West, s e cor. Fourth and Diamond Sts.

North Sixth St., No. 2932, three-st'y dwell.; contractor, George J. Huber, 2559 Reese St.

Ninetyeth St., s s, e Vance St., 2 three-st'y dwells; contractors, Boulter & Threaffall, Siegel and Seventh Sts.

Fairhill St., w s, n Lehigh Ave., three-st'y dwell.; contractors, Heinke & James, 544 West Lehigh Ave.

Nice St., e s, s Barr St., two-st'y dwell.; contractor, James Mole, 1717 Cayuga St.

Taylor St., w s, s Barr St., two-st'y dwell.; contractor, James Mole, 1717 Cayuga St.

Patcett St., s s, w Sixty-fourth St., two-st'y dwell.; contractor, Jas. M. Applegate, 1703 Dorrance St.

Sixty-first St., w s, n Haverford Ave., 2 two-st'y dwells; owner, George Wilkinson, 5436 Chestnut St.

Eighty-second St. and Gibson's Ave., two-st'y dwell.; contractor, Charles S. Kates, Seventy-ninth St. and Brewster Ave.

Oakland St., w s, s Meridian St., two-st'y dwell.; owner, William R. Eltonhead, Delaware Ave. and Oakland St.

Morris St., s e cor. Ward St., 2 two-st'y dwells; owner, M. M. Fox, 1616 South Eighteenth St.

Tasker St., s s, w Fifth St., 18 three-st'y dwells; owners, R. & A. Wilson, Jr., 1711 South Twentieth St.

Twenty-eighth St., w s, n Wharton St., 5 two-st'y dwells; owner, Jas. McGurk, 1020 South Twenty-third St.

Herman St., s s, w Thirtieth St., 18 two-st'y dwells; contractor, Charles D. Hill, 1511 North Twenty-seventh St.

American St., e s, n Norris St., 10 two-st'y dwells; owner, John S. Serrill, 1413 North Broad St.

Carlisle St., e s, n Dauphin St., 12 two-st'y dwells; owner, C. C. Moore, 2001 North Broad St.

Tucker St., s s, w Cedar St., 4 two-st'y dwells; owner, Owen McArdle, 2541 East Lehigh Ave.

Diamond St., n s, w Twenty-eighth St., three-st'y dwell.; owner, Robert Wood, 2514 Columbia Ave.

Ruth St., n s, e Orleans St., 2 two-st'y dwells; owner, David Whitney, 2506 Emerald St.

Colona St., s s, w Tenth St., 5 two-st'y dwells; owner, Jno. M. Sharp, 1936 South College Ave.

Tenth St., n w cor. Susquehanna Ave., 17 two-st'y dwells; owner, Jno. M. Sharp, 1936 South College Ave.

Twenty-seventh St., w s, n Diamond St., 32 dwells; owner, Barbara O. Harra, 2737 Oxford St.

Paltherp St., e s, n Norris St., 2 two-st'y dwells; owner, Thompson West, s e cor. Fourth and Diamond Sts.

Fletcher St., n s, w Twenty-seventh St., two-st'y dwell.; contractor, D. C. Schuler, 2327 North Sixth St.

Third St., e s, s Reed St., 2 two-st'y dwells; owner, W. W. Dickhart, 1231 South Fifth St.

Wendover St., w s, s Manayunk Ave., 5 two-st'y dwells; owner, Robert Boone, Manayunk Ave., ab. Shurz Lane.

Boyd St., n s, w Locust St., 2 two-st'y dwells; owner, William Boyer, Queen St., w Wayne St.

Glenlock St., n Unruh St., two-st'y dwell.; contractor, George W. Wells, Keystone St., Tacony.

Marshall St., e s, s Somerset St., 8 two-st'y dwells; owners, Woelfel & Schmurk, 2644 North Fifth St.

Eastwick Ave., s Island Road, two-st'y dwell.; contractor, J. M. Anderson, 2312 Caroline St.

Collins and Martha Sts., n Huntingdon St., 8 two-st'y dwells; owners, Mulvey & Diamond, 172 Master St.

Wain St., n Dickinson St., 3 two-st'y dwells; owner, Christopher Care, 1418 South Seventh St.

Powerton Ave., s s, cor. Forty-second St., 7 three-st'y brick dwells; *Forty-second St.*, e and w s, bet Powerton Ave. and Market Sts., 14 two-st'y brick dwells; *Forty-second St.*, n w cor. Market St., three-st'y dwell. and store; cost, including ground, about \$100,000; contractor, J. G. Ruff, 619 Cherry St.

Cambria St., n s, e Fillmore St., 10 two-st'y dwells; owner, D. M. Colleser, n e cor. Thirteenth and Butler Sts.

E St., e s, n Kensington Ave., two-st'y dwell.; owner, Benjamin Witzel, Old Front St. Lane.

Seventh St., w s, n Bristol St., two-st'y dwell.; contractor, M. Morrison, 2040 Coral St.

Busselton Pike, s Poquinsing, two-st'y dwell.; owner, L. J. Ridge, Somerset, Pa.

Emerald St., e s, n Venango St., two-st'y brick dwell.; contractor, James Dorff, s e cor. Ninth and Venango Sts.

New St., n s, bet. Cherry and Mulberry Sts., two-st'y dwell.; contractors, Foulkrod & Foster, Leiper and Arrott Sts.

Ezekiel St., e s, n Davis St., 6 two-st'y dwells; owner, John Hare, Howard and Apple Sts.

Winona St., n s, w Norris St., 3 two-st'y dwells; owners and builders, Real Estate Improvement Co.

Portsmouth, N. H.—Frame dwell., 40' x 50', with L; also small frame dwell.; owners, Wallace Haskett and M. C. Foye; contracts to be let; architects, Ball & Dabney, Boston.

Roanoke, Va.—Two-and-one-half-st'y dwell., stone and shingles; cost, \$10,000; owner, J. T. Moffitt; architect, J. J. Deery, 435 Chestnut St., Philadelphia, Pa.

Dwell. for T. Frank Simmons, pressed-brick and terra-cotta; cost, \$12,000; architect, J. J. Deery, 435 Chestnut St., Philadelphia, Pa.

Stone dwell. for Mr. A. Pope; cost, \$15,000; architect, J. J. Deery, 435 Chestnut St., Philadelphia, Pa.

Roxbury, Mass.—*Moreland St.*, frame dwell., 29' x 56'; owner, John P. Manning; contract to be let; architect, Edwin J. Lewis, Jr., Boston.

St. Louis, Mo.—Two-st'y brick dwell.; cost, \$6,000; owner and contractor, H. W. Boone.

Two-st'y brick dwell.; cost, \$3,500; owner and contractor, E. Pipe.

Two-st'y brick dwell.; cost, \$5,000; owner and contractor, T. F. Marley.

Two-st'y brick dwell.; cost, \$2,800; owner and contractor, J. J. Blazant.

Two-st'y brick dwell.; cost, \$3,000; owner, J. D. Neville; contractors, Plotron & Flavin.

Two-st'y brick dwell.; cost, \$2,500; owner, L. Zipf; contractor, M. V. Green.

Two-st'y brick dwell.; cost, \$11,000; owner, J. Steer; sub-let.

Two-st'y brick dwell.; cost, \$2,500; owner, J. Kaiwa; contractor, B. Myer.

Two-st'y brick dwell.; cost, \$3,000; owner, S. V. Ruggs; contractor, J. A. Beach.

Two-st'y brick dwell.; cost, \$2,800; owner, L. McGinnis; contractor, A. How.

Three-st'y brick dwell. and store; cost, \$3,000; owner, J. Bauer; contractor, H. Bauer.

Two-st'y brick dwell.; cost, \$4,000; owner, S. L. Murill.

(Continued on page xviii.)

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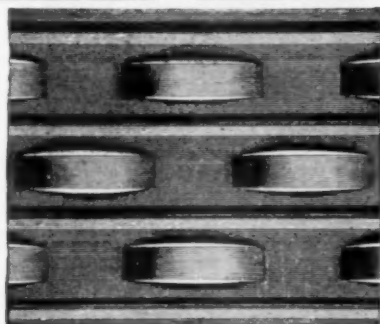


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Two-st'y brick dwell.; cost, \$3,000; owner, M. J. Kerwin; contractor, B. J. Higgins.
Two-st'y brick dwell.; cost, \$6,500; owner, C. Ott; contractor, J. C. Hacker.
Two-st'y brick dwell.; cost, \$4,000; owner, E. Henner; contractors, Henner Bros.
Two-st'y brick dwell.; cost, \$4,300; owner, W. Kriege; contractors, Henner Bros.
Two-st'y brick dwell.; cost, \$3,500; owner, Wm. Hell; contractor, Charles Rickman.
Two-st'y brick dwell.; cost, \$3,000; owner, Wm. Remmert; contractors, Hemminghaus & Vollmer.
Two-st'y brick dwell.; cost, \$2,500; owner and contractor, A. Herman.
Four three-st'y brick dwells.; cost, \$18,000; owner, Wm. Gummere; contractors, J. H. Busey & Co.
Two-st'y brick dwell.; cost, \$3,000; owner, E. S. Gulgnon; contractor, M. Britt.
Tamworth, N. H.—Stone and frame dwell., 53' x 63'; owner, Emil C. Hammer; contract to be let; architect, Edwin J. Lewis, Jr., Boston.
Watch Hill, R. I.—Frame dwell.; owner, Dr. Chas. W. Page; builder, H. F. Horley; architects, Ball & Dabney, Boston.

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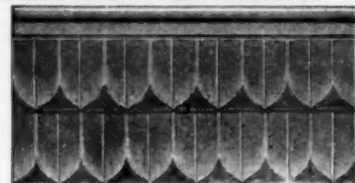
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York Harbor, Me.—Cottage for H. W. Mason;
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Atlanta, Ga.—It is reported that Messrs. Burnham
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building, to cost \$500,000.

RAILROAD BUILDINGS.

St. David's, Pa.—Brick passenger station; owners,
Pennsylvania R. R. Co.; contractor, William H.
Burns, Berwyn, Pa.

SCHOOL-HOUSES.

New York, N. Y.—*Chryatie St.*, s w cor. Hester St.,
five-st'y brick school-building, asphalt on steel
beams roof; cost, \$250,000; owner, City of New
York, City-Hall, New York; architect, George W.
Debevoise, 146 Grand St.

Fifty-ninth St., s s, 200' w Sixth Ave., five-st'y
brick school, tin roof; cost, \$40,000; owner, Julius
Goldman, 132 East Seventieth St.; architects, Wil-
liam Schickel & Co., 246 Fifth Ave.

Sedgwick Ave., n e cor. Academy St., five-st'y
brick academy and home, tin or copper roof; cost,
\$200,000; owner, Webb Academy and Home, 415

BUILDING INTELLIGENCE.

Fifth Ave.; architect, A. B. Jennings, 145 Broad-
way.

STABLES.

Boston, Mass.—*Tappan St.*, near South St., Ward
23, one-st'y frame stable, pitch roof, 25' x 40'; owner
and builder, O. P. Atwood.

Brooklyn, N. Y.—*Park Ave.*, s e cor. Oxford St.,
three-st'y brick stable and dwell., tin roof; cost,
\$4,000; owner, Edward Viehmann, 106 Park Ave.;
architect, J. W. Bailey, 66 Court St.

Chicago, Ill.—Adams Express Co., three-st'y barn,
144-148 West Monroe St.; cost, \$25,000.

New York, N. Y.—*Seventy-eighth St.*, s e cor. Fifth
Ave., five-st'y brick stable, iron and slate fireproof
blocks roof; cost, \$50,000; owner, Wm. V. Law-
rence, 6 West Fifty-second St.; architect, R. M.
Hunt, 154 Nassau St.

West Eighty-second St., Nos. 616-618, two-st'y brick
stable, tin roof; cost, \$10,000; owner, George W.
Plunket, 442 West Fifty-first St.; architect, W. H.
C. Hornum, 150 East One Hundred and Twenty-
fifth St.

Philadelphia, Pa.—*North Sixth St.*, Nos. 2326-30,
one-st'y stable; contractor, A. K. Proud, 1838
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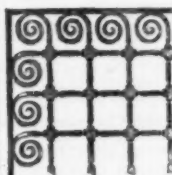
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BUILDING INTELLIGENCE.

Chicago, Ill. — Edward G. W. Rietz, five-st'y ware-
house, 23 West Randolph St.; cost, \$5,000.

MISCELLANEOUS.

Ambler, Pa. — The Lincoln Inn Co., with a capital of
\$100,000; \$25,000 has been subscribed in Ambler
alone. This place is to be located on the Linden-
wood Farms, known as Burks Woods, 20 acres in
woodland and upland, and a lake of spring water
covering five acres. The streets and avenues will
be macadamized.

Baltimore, Md. — The West Arlington Land Co. will
build a three-st'y frame building, cor. Garrettson
and Fern Hill Aves.

The Grand United Order of Lazarites Joint
Stock Association will build a four-st'y brick build-
ing, w s Calvert St., s Centre St.

Isaac Benesch will build 2 three-st'y brick build-
ings (stores), e s Gay St., bet. Alsquith and Forrest
Sts.

Brooklyn, N. Y. — Gates Ave., s s, bet. Marcy and
Nostrand Aves., one-st'y brick gymnasium, gravel
roof; cost, \$5,500, owners, Young Men's Christian
Association, 420 Gates Ave.; architect, G. A. Schel-
linger, 128 Broadway, New York City.

Atlantic Ave., s s, 80' e Fountain Ave., three
brick buildings, to be used as pumping-house,
boiler-house and coal-shed, slate roofs; cost, about
\$140,000; owner, City of Brooklyn; architects, Par-
fitt Bros., 26 Court St.

Atlantic Ave., n s, 120' w Nevins St., four-st'y
brick beer-bottling establishment, tin roof; cost,
\$50,000; owners, Anheuser-Busch Brewing Associa-
tion, St. Louis, Mo.; architect, Charles Werner,
Garfield Building.

Eltery St., n s, 225' w Marcy Ave., two-st'y brick
engine-house for Fire Department, tin roof; cost,
\$10,500; owner, City of Brooklyn; architect, Depart-
ment of City Works; builder, Charles Collins.

Chattanooga, Tenn. — The Times Printing Co. will
build a new building, to cost \$120,000; H. C. Jack-
son, contractor.

Chicago, Ill. — J. W. Haycock, basement, 159 Win-
chester Ave.; cost, \$1,500.

Frank Ennessy, two-st'y shop, 398 Twenty-seventh
St.; cost, \$1,400.

M. C. Bullock, one-st'y blacksmith-shop, Tollin
Ave., near Lake Ave.; cost, \$5,000.

Mary A. Shield, basement, 264 Congress St.; cost,
\$1,000.

Hans Lystad, four-st'y shop, 236-238 Division St.;
cost, \$3,000.

Ellsworth & Bartlett, two st'y packing-house,
5300 Butterfield St.; cost, \$15,000.

Philadelphia, Pa. — Thirteenth St., w s, s Colum-
bia Ave., one-st'y kitchen; contractor, E. H. Flood,
Twenty-second and Diamond Sts.

Nineteenth St., n Brown St., one-st'y melting-
house; owners, Keystone Watch Co., Nineteenth
St., n Brown St.

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BUILDING INTELLIGENCE.

Charles St., e s, n Harrison St., one-st'y stable;
owner, Elwood Gray, Charles St., n Harrison St.
Sedgewick St., s s, e Germantown Ave., one-st'y
stable, mansard roof; contractor, S. S. Tourrisson,
5541 Germantown Ave.

STORES.

Brooklyn, N. Y. — Atlantic Ave., s s, 25' e Pennsylv-
ania Ave., 2 four-st'y brick stores and dwells, tin
roofs; total cost, \$18,000; owner, F. E. Pitkin, 131
Duane St.; architect, Charles Infanger, 68 Van
Siclen Ave.

Central Ave., s e cor. Cornelia St., three-st'y frame
store and dwell, tin roof; cost, \$4,000; owner, Mr.
Purguld, 784 Halsey St.

Central Ave., n e cor. Putnam Ave., three-st'y
frame store and dwell, tin roof; cost, \$4,000;
owner, Mr. Purguld, 784 Halsey St.

Central Ave., e s, 24' e Putnam Ave., 8 three-st'y
frame stores and dwells, tin roofs; cost, \$3,500
each; owner, Mr. Purguld, 784 Halsey St.

Court St., No. 191, four-st'y brick store and dwell,
tin roof; cost, \$12,000; owner, Owen McGreevy, 168
Court St.; architect, Stephen Hazzard, 175 Pacific
St.

Fifth Ave., n e cor. Berkley Pl., four-st'y brick
store and dwell, tin roof; cost, \$12,000; owner, G.
A. Schuck, 187 Fifth Ave.; architect, George M.
Millen, 406 Fifth Ave.

Bergen St., s s, 225' w Hopkinson Ave., three-st'y
brick store and dwell, tin roof; cost, \$4,000; owner,
Fr. Kuckuk, 1080 Bergen St.; architect, Frank
Holmberg, 1161 Broadway.

Third Ave., w s, 40' 25' s Forty-fifth St., 2 three-
st'y frame stores and dwells, tin roofs; cost, \$3,500
each; owner, Henry Buck, 82 West Broadway, New
York City; architect, J. E. Bogert, 505 Bergen St.

Camden, N. J. — Broadway, bet. Mickie and Stevens
Sts., 12 three-st'y brick stores and dwells; cost, abt.
\$100,000; owner and builder, George Hohl.

Chicago, Ill. — J. L. McClure, 2 three-st'y stores and
flats, 837-839 Twenty-second St.; cost, \$6,000.

BUILDING INTELLIGENCE.

W. Dougherty, one-st'y store and dwell, School
and Fifty-fifth Sts.; cost, \$1,500.

Martin Egan, two-st'y store and dwell, Fifty-
ninth and Dearborn Sts.; cost, \$2,000.

Maggie Cuono, two-st'y store and flats, Center
and Fifty-seventh Sts.; cost, \$2,400.

G. Heysen, two-st'y store and flats, 353 Lincoln
Ave.; cost, \$3,000.

Fred Hansen, 3 three-st'y stores and flats, 1302
Milwaukee Ave.; cost, \$15,000.

W. A. Fox, three-st'y store and flats, 1648 West
Twelfth St.

William A. Popp, three-st'y store and flats, 723
Larrabee St.; cost, \$5,500.

C. Peterson, two-st'y store and flats, Forty-fourth
St. and Wentworth Ave.; cost, \$1,200.

J. W. Tinsley, two-st'y store and flats, Seventy-
fifth and Dobson Sts.; cost, \$2,300.

Anton Falt, two-st'y store and flats, 472 Thomas
St.; cost, \$1,500.

Charles Goor, three-st'y stores and flats, 843 West
Division St.; cost, \$10,000.

H. Stein, three-st'y store and flats, 137 West
Twelfth St.; cost, \$8,000.

John Sinneth, three-st'y store and flats, 516 Twen-
ty-ninth St.; cost, \$10,500.

Henry Busch, three-st'y store and flats, 362
Dudley St.; cost, \$6,000.

John R. Brown, 2 two-st'y stores and flats, 669-671
West Erie St.; cost, \$9,000.

New York, N. Y. — East Twenty-third St., Nos. 205-
207, six-st'y brick store, tin roof; cost, \$50,000;
owners, Fish & Miller, 330 East Ninth St.; archi-
tects, Schneider & Herter, 48 Bible House.

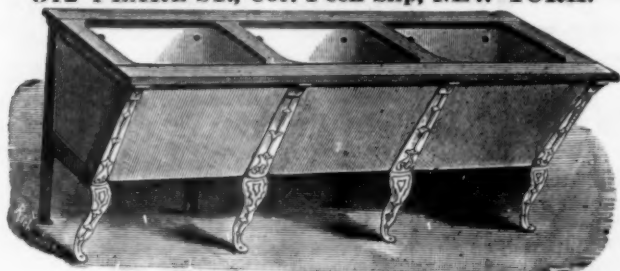
Philadelphia, Pa. — Lancaster Ave., 2 three-st'y
stores and dwells; builders, James W. Saunders &
Son, 230 North Twenty-second St.

WAREHOUSES.

Baltimore, Md. — George Franke will build a five-st'y
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BUILDING INTELLIGENCE.

Forty-first St., n.e. cor. Walnut St., two-st'y back building; contractor, Jno. A. Palmer, 233 South Fortieth St.

Kensington Ave., w.s. e. Erie Ave., one-st'y stock-house, warehouse, stable and mill; contractor, Geo. H. Stewart, 2336 North Sixth St.

Merrine St., No. 1517, two-st'y back building and bay-window; contractor, A. H. Ostrander, 1413 Park Ave.

North Fourth St., No. 423, new front and bath; contractor, R. B. Clark, 778 North Twenty-seventh St.

Frankford Ave. and Adams St., three-st'y building, called "Frankford Ave. Hall," fancy brick, brownstone trimmings; total cost, abt. \$65,000.

Jayne St., No. 709, two-st'y printing-house; contractor, M. A. Murray, 1112 Ridge Ave.

T. Frank Miller, architect, 1221 Arch St., has the following works on hand: St. Thomas Prot. Epis. Church; Mantua Presbyterian Church, Aspen and Preston Sts., West Philadelphia; German Zion Presbyterian Church, Twenty-eighth St., abt. Girard Ave.; 19 houses, Wissahickon; North Wales National Bank, North Wales, Pa.; stone burglar-proof safe, fireproof doors, inside oak finish.

PROPOSALS.

November 11, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 29th day of November, 1890, for all the labor and material, and fixing in place complete, the low-pressure, return-circulation, steam-heating and ventilating apparatus for the United States Court-house, Post-office, etc., building at Huntsville, Ala., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Custodian at Huntsville, Ala. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Low-pressure, Return-circulation, Steam-heating and Ventilating Apparatus for the United States Court-house, Post-office, etc., building at Huntsville, Ala.," and addressed to JAS. H. WINDRIM, Supervising Architect.

November 10, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 21 day of December, 1890, for all the labor and materials required to put in place complete the iron vault and closet doors for the United States Court-house and Post-office building at Pittsburgh, Pa., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Pittsburgh, Pa. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in an envelope sealed and

PROPOSALS.

marked "Proposal for Vault Doors at Pittsburgh, Pa.," and addressed to JAS. H. WINDRIM, Supervising Architect.

November 10, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 4th day of December, 1890, for all the labor and material required for the excavation, concrete foundations, stone and brick work of the basement and area walls, first floor iron beams and girders and columns in basement, for the United States Court-house, Post-office and Custom-house building at Bay City, Mich., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Bay City, Mich. Each bid must be accompanied by a certified check for \$200. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Excavation, Concrete Foundations, Stone and Brick Work and Iron-work for the Basement and Area Walls of the United States Court-house, Post-office and Custom-house at Bay City, Mich.," and addressed to JAS. H. WINDRIM, Supervising Architect.

November 5, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 3d day of December, 1890, for furnishing all labor and materials required for the erection and completion (except heating apparatus and approaches) of the United States Court-house and Post-office building at Helena, Ark., in accordance with the drawings and specification, copies of which may be had on application at this office or at the office of the Superintendent at Helena, Ark. Each bid must be accompanied by a certified check for \$500. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in an envelope sealed and marked "Proposal for the Erection and Completion of the United States Court-house and Post-office building at Helena, Ark.," and addressed to JAS. H. WINDRIM, Supervising Architect.

November 5, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 3d day of December, 1890, for furnishing all labor and materials required for the erection and completion (except heating apparatus and approaches) of the United States Court-house and Post-office building at Helena, Ark., in accordance with the drawings and specification, copies of which may be had on application at this office or at the office of the Superintendent at Helena, Ark. Each bid must be accompanied by a certified check for \$500. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in an envelope sealed and marked "Proposal for the Erection and Completion of the United States Court-house and Post-office building at Helena, Ark.," and addressed to JAS. H. WINDRIM, Supervising Architect.

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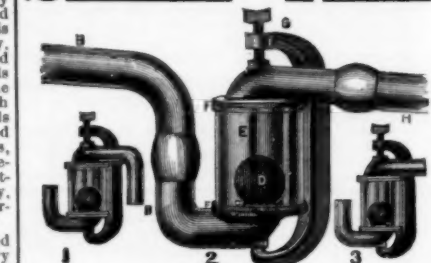


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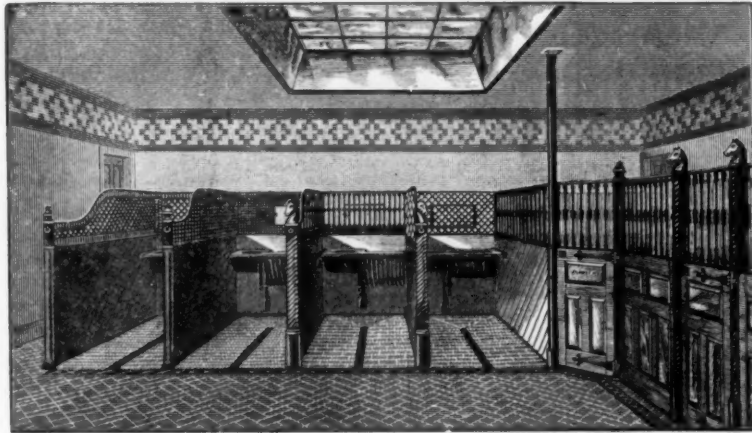
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[See Alphabetical Index on page VII for Pagination.]

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[Advertisers can be indexed only under a single head free of charge.]

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Cowles Electric Smelting and Aluminum Co.,
Cleveland, O. | Chimney Tops.
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W. Austin Odyke & Co., Philadelphia | Glass Roofing.
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Wehn Pavement Co., New York, N. Y. (eow) | Conservatories.
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tion Co., Palmer, Mass. | Belcher Mosaic Glass Co., New York | Phoenix Iron Co., Philadelphia |
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H. W. Johns Mfg. Co., New York | Cornices (Galvanized-Iron).
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Edison General Electric Co., New York | Utica Stained Glass Works, Utica, N. Y. (mon) | |
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Barus, Russell & Co., Baltimore, Md. | Salem Foundry & Machine Shop, Salem, Mass. | Harnes Bracket.
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| Brick. Howard Fleming, New York (eow) | Whittier Machine Co., Boston | Smith & Anthony Slave Co., Boston | |
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Springfield Foundry Co., Springfield, Mass. | Frederic Tudor, Boston, Mass. | |
| Brick Menomonee Pressed Brick Co., Menomonee,
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Delamater Iron Works, New York | Heating-Apparatus (Steam).
N. Y. | |
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"Otto" Gas Engine Works, Phila. | Heating-Apparatus (Steam).
N. Y. | |
| Brick Machine. The Frey, Sheckler Co., Buzguy, O. (eow) | Engines (Hot-air). Sayer & Co., New York | Hot-Water Heating.
Detroit Heating and Lighting Co., Detroit | |
| Bronze Work. Philadelphia, Pa. (mon) | Entry Ledger.
Wolcott & West, Syracuse, N. Y. | Hot-Water Heating.
Detroit Heating and Lighting Co., Detroit | |
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Detroit Heating and Lighting Co., Detroit | |
| Standard Paint Co., New York, N. Y. | Fireproof Building.
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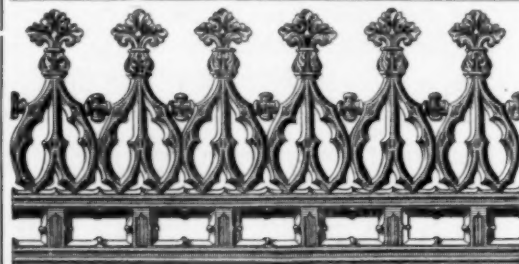
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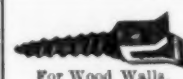
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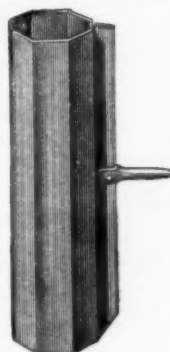
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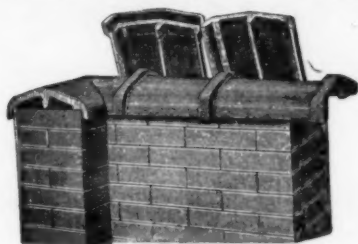
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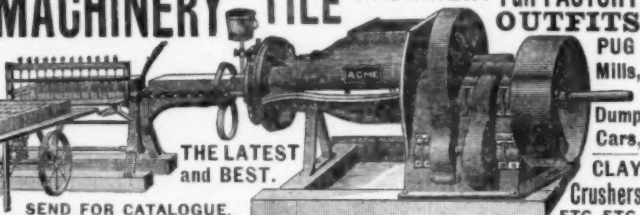
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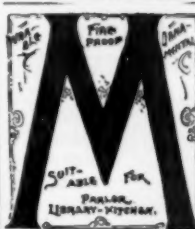
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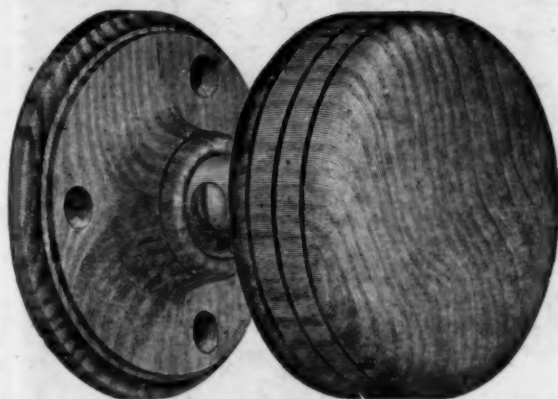
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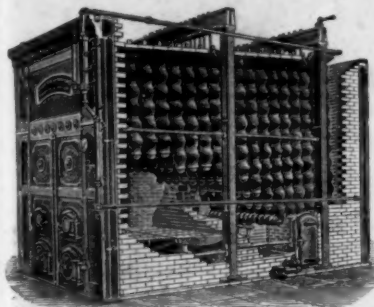
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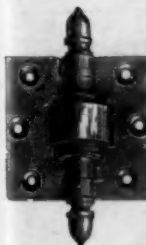
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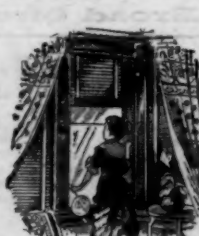
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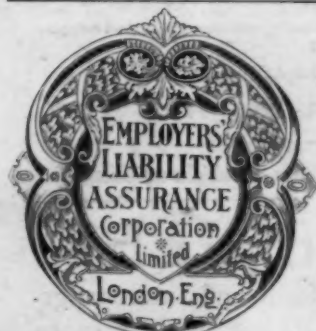
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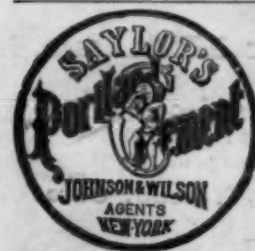
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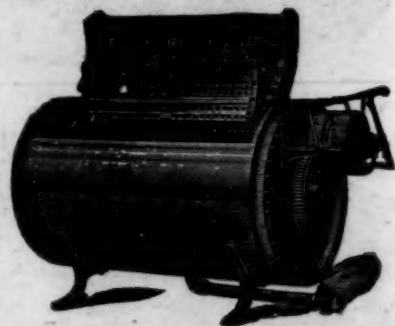
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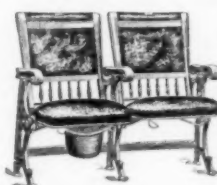
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[From the London IRONMONGER, February 13, 1886.]

STAMPING WASTER TIN PLATES.

1886 It will be very interesting to note whether or not the tin plate manufacturers of South
Wales will largely follow the example of W. Gilbertson & Co., in declining to stamp
waster tin plates. This company now stamp their "Old Method" plates after the tinning
process has been completed, and they only stamp such plates as are critically adjudged
to be "perfects." They stamp no wasters with the above brand, and announce that no
wasters of their production will, with their knowledge or sanction, be sent to the United
States, but will be disposed of in England under some other mark. From the first portion
of this arrangement there can be no dissent, and it ought to secure for W. Gilbertson &
Co.'s brand a high reputation and a large sale in the United States. The wisdom of the
plan thus adopted is so obvious that we might expect it to be generally adopted in the
tin plate trade, yet the sinuosities and subtle intricacies of that business are so numer-
ous and confusing that such a result is highly improbable. Deceptions and "juggles"
by means of wasters are so profitable to many of the merchants and dealers that they
will probably resist any such change, whilst the speculators, of course, will oppose any
alteration which would be likely to simplify the business or to limit their opportunities
for "housening" both buyers and sellers. A good example has been set in this instance,
however, and we hope that some, at least, of the manufacturers will have sufficient back-
bone to follow suit.

1890 The above article was published in the London Ironmonger, February 13, 1886. Up to
the present time November 1, 1890, the makers of most other plates have not had the
"backbone" to follow the example of W. Gilbertson & Co., who, at the request of Mer-
chant & Co., stopped the stamping and shipment of waster plates.

It is for this reason that Merchant & Co. have, and are still requesting architects to
drop their brands from their specifications, rather than to specify them with other
brands the wasters of which can be had, and which on account of their inferiority, are
unfit for use on any building.

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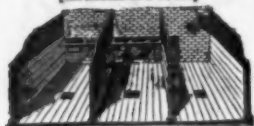
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" 2d quality.....	55 00 @ 60 00	42 00 @ 50 00	25 00 @ 28 00	40 00 @ 45 00
" 3d quality.....	18 00 @ 22 00	35 00 @ 40 00	14 00 @ 20 00	30 00 @ 35 00
Spruce.....	18 00 @ 25 00	13 00 @ 25 00	Not sold.	16 00 @ 20 00
Hemlock.....	14 00 @ 14 00	13 00 @ 15 00	12 00 @ 12 00	11 25 @ 13 50
Yellow pine.....	20 00 @ 40 00	25 00 @ 35 00	29 00 @ 37 00	14 00 @ 29 00
Cypress.....		32 00 @ 40 00		35 00 @ 35 00
Clapboards:				
Pine.....		40 00 @ 60 00	10 00 @ 32 00	14 00 @ 25 00
Spruce.....		25 00 @ 40 00	Not sold.	Not sold.
Framing Timber:				
Pine.....	14 00 @ 18 00	15 50 @ 20 00	12 00 @ 15 30	25 00 @ 37 30
Spruce.....	12 00 @ 16 00	14 00 @ 16 00	Not sold.	18 00 @ 18 00
Hemlock.....	18 00 @ 21 00	24 00 @ 35 00	10 00 @ 13 00	13 00 @ 17 00
Yellow pine.....				22 00 @ 28 00
Laths:				
Pine.....		2 25 @ 2 25	2 10 @ 2 25	2 75 @ 3 00
Spruce.....		2 25 @ 2 50	Not sold.	2 30 @ 3 00
Shingles:				
Pine, shaved..... P. M.....	5 00 @ 6 00		Not sold.	
Pine, sawed.....	4 00 @ 5 00	4 50 @ 4 50	2 20 @ 3 00	
Spruce, sawed.....	1 50 @ 2 00	1 50 @ 00	Not sold.	
Redwood..... P. M.....	1 40 @ 1 60	3 75 @ 4 00	6 00 @ 7 50	
Cedar, split..... P. M.....			Not sold.	
Cedar, sawed.....		2 00 @ 4 00	2 00 @ 2 35	30" 8 25 @ 40
Cypress, Split..... 7 x 24. "	18 00 @ 20 00	5 00 @ 6 00	3 50 @ 4 00	24" 8 @ 21
Miscellaneous:				
Piles..... P. ft.....	41 @ 54			30" 35 @ 14
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Cedar posts, 9 ft. (sq. post.).....		10 00 @ 18 00		
Chestnut.....		25 @ 50		
Finishing Woods: P. M. (First Qual.)				
Ash.....	80 00 @ 120 00	45 00 @ 60 00	80 00 @ 40 00	30 00 @ 40 00
Cherry.....	40 00 @ 60 00	85 00 @ 120 00	80 00 @ 100 00	100 00 @ 120 00
Butternut.....		60 00 @ 70 00	50 00 @ 60 00	70 00 @ 80 00
Hard-pine floors (rift).....		50 00 @ 60 00		
Mahogany, Baywood (Mexican).....	@ 180 00	150 30 @ 160 00	150 00 @ 200 00	150 00 @ 250 00
" St. Domingo.....	@ 350 00	120 90 @ 350 00	200 00 @ 250 00	200 00 @ 400 00
Maple.....	45 00 @ 60 00	45 00 @ 50 00	18 00 @ 35 00	25 00 @ 55 00
Oak, red.....	@ 70 00	50 00 @ 50 00	32 00 @ 40 00	45 00 @ 55 00
" white.....	@ 70 00	50 00 @ 55 00	22 00 @ 40 00	45 00 @ 55 00
" quartered.....	@ 90 00	65 00 @ 80 00	45 00 @ 50 00	60 00 @ 75 00
Sycamore quartered.....		50 00 @ 65 00	35 00 @ 50 00	57 75 @ 65 00
Pine, clear.....	65 00 @ 70 00	50 00 @ 75 00	35 00 @ 50 00	60 00 @ 75 00
Redwood.....	60 00 @ 70 00	60 00 @ 70 00	55 10 @ 60 00	
Rosewood..... P. M.....		32 00 @ 35 00		
Spruce floors (clear, kiln-dried).....	125 00 @ 150 00	80 00 @ 120 00	55 00 @ 100 30	50 00 @ 17 00
Walnut, black.....	45 00 @ 50 00	40 00 @ 45 00	18 00 @ 40 00	25 00 @ 40 00
Whitewood.....		40 00 @ 42 00	19 00 @ 40 00	80 @ 45 00
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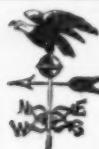
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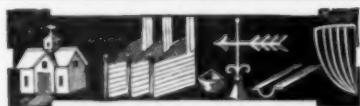
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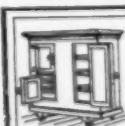
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TO OUR ADVERTISERS.

As all our advertisers have direct interest in the developement of our INTERNATIONAL EDITION, inasmuch as all advertisements appear simultaneously in all editions of this journal, we ask their attention to the following statement which we addressed to our subscribers in the issue for November 15, last:

TO OUR SUBSCRIBERS.

A YEAR ago we broached the question of the possible publication of an International Edition of this journal and asked our subscribers to take immediate and final action on the suggestion, as, the size of the edition being once fixed, it would not be possible to change it, since upon it would be based the contracts made for the necessary supplies. This consideration makes it necessary to revert to the matter at this time, as it now becomes of importance to know how far new accessions to our subscription-list will make it necessary to revise and enlarge these contracts for supplies. We accordingly lay the following facts before our readers for their consideration and invite them to give us early notification of their decision.

The first year's [1876] issue of the *American Architect* contained 424 pages of text and the equivalent of 208 single-page illustrations — not including extras.

The current year's issue of the Regular edition of the *American Architect*, will, probably, contain 816 pages of text and the equivalent of 312 single-page illustrations — not including extras.

That is, in fifteen years, the text-matter has been increased 100 per cent, and the illustrations 50 per cent, yet the subscription price has remained the same! We did not at the outset make any promises as to growth and we make none now as to the possible growth of the

INTERNATIONAL EDITION.

We simply ask that these facts of actual increase of matter and relative reduction of cost may be borne in mind by those who may elect to support our endeavor to improve and develop this edition. How far we may be able to do this cannot now be foreseen, we only ask our subscribers to believe that in the employment of the funds which come to us in the form of subscription payments, we are likely to be as faithful trustees in the case of this as in the case of the original edition.

The year is not yet closed, but the contents of this year's issue of the INTERNATIONAL EDITION will probably consist of 816 pages of text and four complete indices, and the equivalent of 941 single-page illustrations — not including extras.

In the production of 728 of these pages of illustration different forms of photo-lithographic process printing have been employed. The remaining 213 plates have been produced by various more expensive and perfect methods of printing, such as heliotype, helio-chrome, and by photogravure, etching, and engraving upon copper plates, and to this list we hope to add collotype printing before long.

The subscription-price of the INTERNATIONAL EDITION being rather more than four times the subscription-price of the original edition, it would be fair to assert that it should contain either four times the gross amount or four times the real value of the original edition.

As to the amount by which the text falls short of being four times the original amount, we believe that the cuts in the text pages — which number from 700 to 1,500 per year — which had no counterpart in the original form, fully balance this shortage in the eyes of most architects. Moreover, the increase in the subscription-price was predicated originally only on the addition of illustrations.

Four times the original number of illustrations would call for the equivalent of 832 single pages, a total which is almost balanced by the 728 photo-lithographic pages already mentioned; but offsetting the 832 with an equal number, and we still have a balance of 109 pages in excess — if of equal value only. In reality this balance is represented by plates produced by the best and most expensive

methods of reproduction known to the modern printing world, the cost of which to the publisher in comparison with the photo-lithographic plates varies between 6 and 10 to 1 [disregarding entirely the far greater cost of the photogravures issued] according to the process used. Reduced to a common measure through the medium of average cost and these 109 plates may be said to represent 872 photo-lithographic plates, which makes, we think, a very fair balance of value rendered!

Compared with the necessarily vague promises stated in our circular a year ago, we find that our performance has been this:

The increase of text under heading (E) in our second circular has been made good by an addition of 33½ per cent to the reading matter, and it does not detract from the fulfilment that the necessity of simplifying editorial and administrative work compelled us at our own cost to add a similar enlargement to the other editions. The promises under heads (B) and (C) have also been fulfilled.

Under head (A) we promised an increase of 200 photo-lithographic pages and 150 gelatine plates [at that time we did not intend to publish etchings and engravings] while we find that actually the year's issue will contain an increase of 302 pages of photo-lithographic work and 108 gelatine plates to which must be added 50 pages of etchings and copper-plate engravings, which are certainly more costly, to say the least.

In one respect only have we not kept, no, more than kept, our promises.

Under heading (D) we offered to publish a certain number of competitive designs, but with a distinct proviso which pointed out that the promise could not be kept unless the subscribers would lend their aid.

Practically, this promise has not been kept for the simple reason that our subscribers would not lend the assistance upon which fulfilment was conditioned.

It appears then, that while we promised a total of upwards of 734 pages of illustrations, with a contingent of 96 for competitive designs, that is 830 in all, the year's illustrations will consist of 941 pages — not including the few competitive designs and other extras we have printed. It seems, then, that in the matter of mere quantity we have done far better than we promised, while by employing printing-processes we did not then think of using, we have added greatly to the value and variety of the result.

That there have been defects in quality we freely admit, and naturally, our attention will be turned first to curing these.

The point we lay stress on is that it is only reasonable to assume that the year now closing is for the INTERNATIONAL EDITION, what the year 1876 was for the journal in its original form, a starting-point, that is, from which to develop. As to what is to be its future development we do not intend to make any definite promises. We do not promise that the same processes of reproduction will be employed, we do not promise that the same distribution of product between the several processes will be preserved, and we do not promise that the same gross amount of material will be published hereafter. We simply do promise that up to the limits of our own comprehension, this edition shall not retrograde in merit any more than has the journal from its first up to and including its seven hundred and seventy-seventh issue.

Take down and examine the first and the twenty-ninth volumes and compare them, side by side, and then apply the same measure of difference to the present INTERNATIONAL EDITION as indicating its possible development, and consider whether it is not worth your while to share in and aid to bring about such a result by making known your intention to subscribe for this edition for the years to come.

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" Zinc	5 1/2			
Red lead, Am.	6 1/2			
" Venetian	6 1/2			
" Vermilion	6 1/2			
Red Indian, Eng.	12 1/2			
Yellow Ochre	6 1/2			
" Chrome	12 1/2			
Green (chrome)	8 1/2			
Green, Paris	25 1/2			
Black, lamp	15 1/2			
Blue, ultramarine	12 1/2			
Oil, linseed (raw)	55 1/2			
" boiled	61 1/2			
Turpentine	49 1/2			
Varnish, coach	2 1/2			
Shellac	2 1/2			
Putty	2 1/2			
Whiting	75 1/2			
Paris white, (Eng.)	1 30			
Litharge, Am.	54 1/2			
Sienna (burnt)	14 1/2			
Umber	14 1/2			
HARDWARE.				
Nails: (Per Cask.) Spikes, (wrought.)	2 85			
10d. common	2 85			
Shingle	3 35			
Lath	4 85			
Finishing nails according to size.				
(For casing nails add 75c. per keg.)				
Butte: 1/2" & 3/4"	1 00			
Plain	1 00			
Japanned	1 50			
Acorn, Japanned	1 50			
Ball Tip, Boston Finish (per pair)	65			
Bronze metal	1 90			
Brass (no supboards)	10			
Ebony				
Apple wood				
Knobs: (per Set.)				
Mineral, best	8			
Lava	50			
Hematite	Not sold			
Porcelain	30			
Glass, solid	Not sold			
Glass, silvered	75			
Bronze metal	100			
Brass	2 50			
Solder:				
Sheet Lead				
Lead Pipe				
Iron:				
I-Beams, up to and including 30 ft.	3 3-10			
I-Beams, over 30 ft. 1/2, 3/4, & e. advance.	3 3-10			
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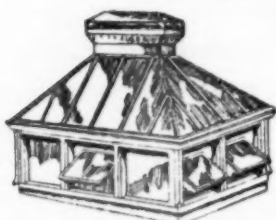
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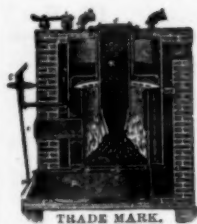
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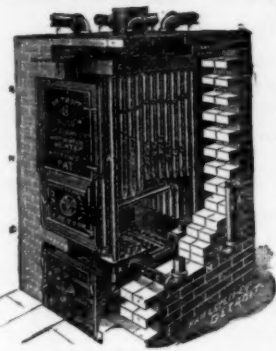


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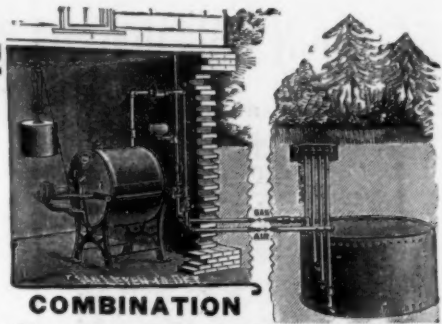
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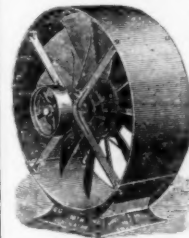
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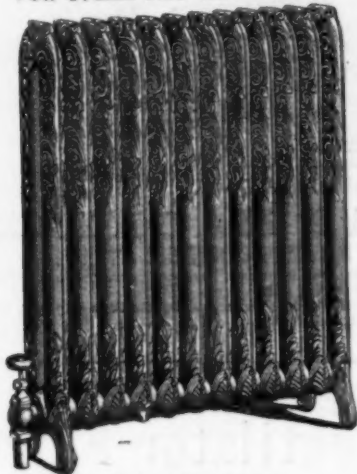
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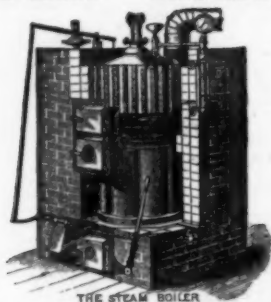
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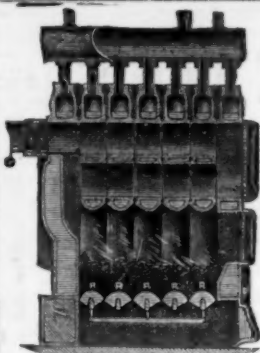
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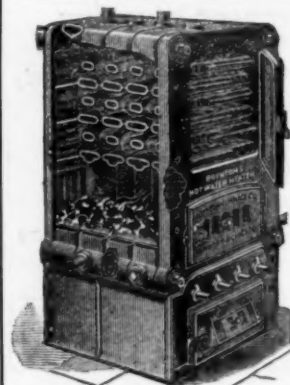


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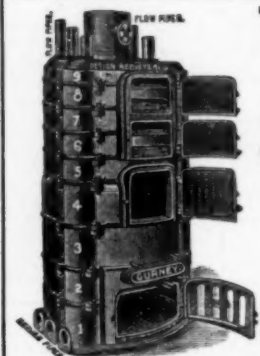
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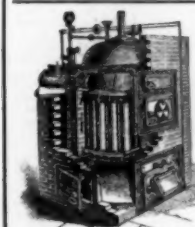
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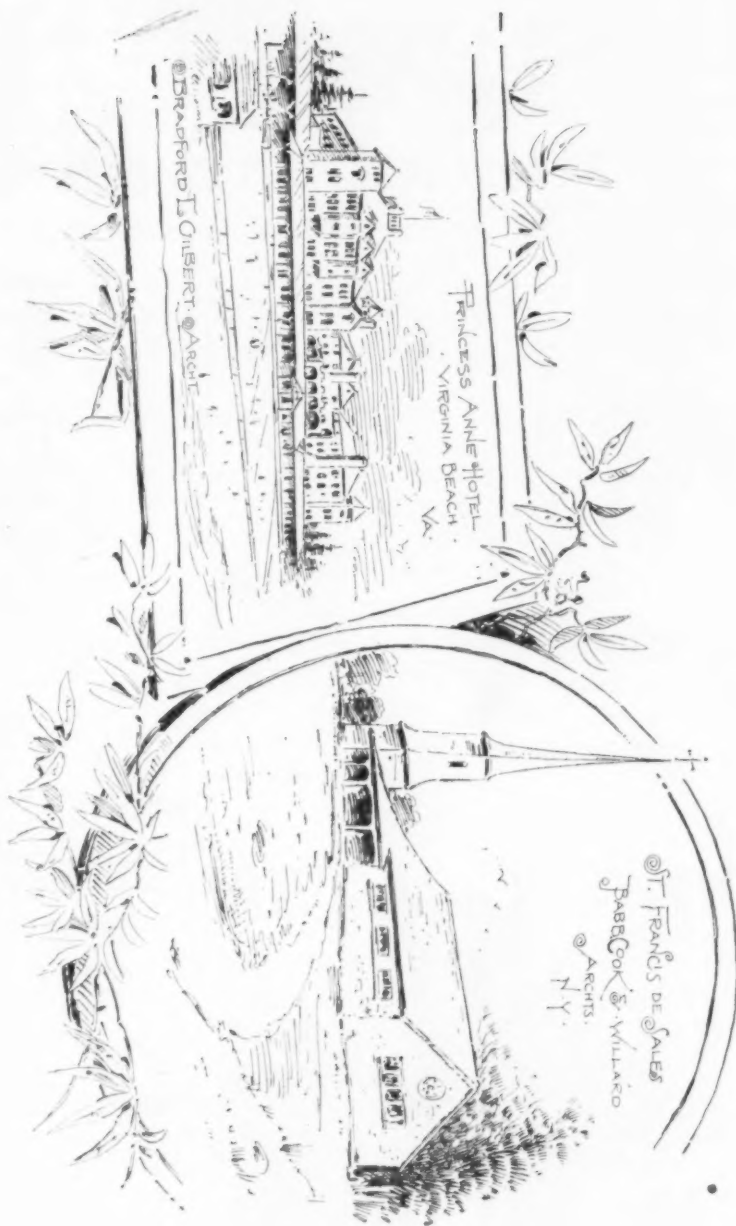
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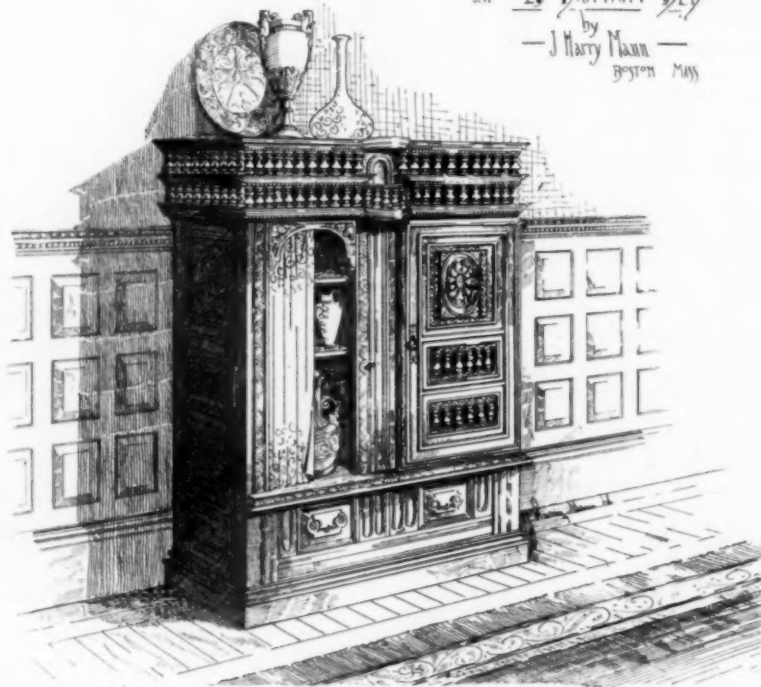


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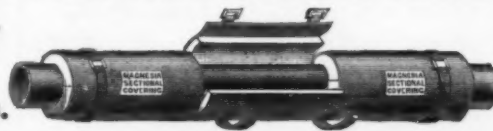
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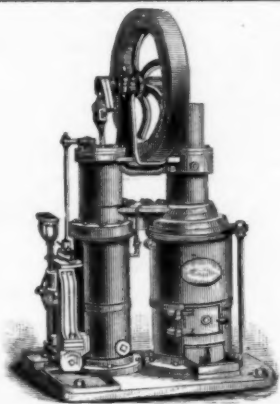
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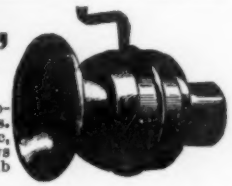
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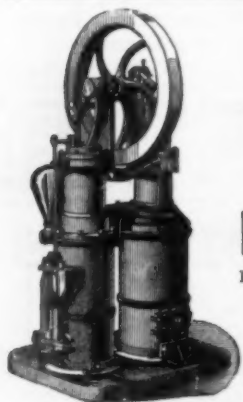
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The American Architect and Building News

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New Advertisements.

FRANKLIN BRODIX (Bloomington, Ind.), Stone Broker. Page xvi.

W. H. MULLINS (Salem, O.), Sheet-Metal Ornamenters. Page xxvi.

L. HABERSTROH & SON (Boston, Mass.), Decorators. Page ii.

BOOKSELLERS' AND STATIONERS' PROVIDENT ASSOCIATION OF U. S. (New York, N. Y.), Insurance. Page ii.

WANTED.

POSITION.—A young man twenty-five years of age wishes a position as draughtsman either in New York or Philadelphia; understands all-around office-work, superintending construction, etc.; best of reference. For further information address R. Wilson Parry, manager Draughtsmen's Exchange, 32 South Fifteenth Street, Philadelphia, Pa., enclosing fee of \$1. If draughtsman does not prove satisfactory, will refund fee. 778

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439,964. TRANSOM-LIFTER.—James M. Maddox, Birmingham, Ala.

439,965. CHIME FOR CLOCKS.—William Matthews, Philadelphia, Pa.

440,007. SHEET-METAL CEILING-MOULDING.—Frank G. Caldwell, Wheeling, W. Va.

440,008. CEILING-PANEL.—Frank G. Caldwell, Wheeling, W. Va.

440,039. WATER-CLOSET.—Henry C. Hart, Detroit, Mich.

440,071. ELECTRIC-HEATER.—Charles H. Talmage, Kansas City, Mo.

440,104. METALLIC CREST-TILING.—Charles E. Gaylord, Chicago, Ill.

440,111. LIFT OR ELEVATOR.—Johann Nadler, Vienna, Austria.

440,115. ELECTRICAL BURGLAR-ALARM.—Francis Pierce, Philadelphia, Pa.

440,129. SASH-CORD FASTENER.—Lester W. Bowen, Savannah, Ill.

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440,138. SASH-FASTENER.—Americus V. Cook, Dexter, Mo.

440,142. SASH-FASTENER.—William E. Dixon, Chicago, Ill.

440,186. SASH-HOLDER.—William H. McClure, Guthrie, Oklahoma.

440,187. LOCK.—William Nehring, Evansville, Ind.

440,196. GRATE-SETTING FOR FIREPLACES.—Peter M. Purcell, Indianapolis, Ind.

440,197. WATER-CLOSET AND SUPPLY-TANK THEREFOR.—John P. Putnam, Boston, Mass.

440,198. BRICK-KILN.—William L. Rich, Jonesborough, Ind.

440,203. DEVICE OR APPARATUS FOR HEATING PURPOSES.—George L. Shorey, Lynn, Mass.

440,211. WASH-BASIN.—Henry C. Weeden, Boston, Mass.

440,229. DAMPER FOR CHIMNEY-FLUES.—James Keith, London, England.

440,236. STALL-FLOOR.—Moses J. Williams, Orange, N. J.

440,237. HEATING-FURNACE.—Louis Anderson, Chicago, Ill.

440,238. WINDOW-BLIND.—John P. Clark, Jr., Jackson, Mich.

440,259. FILTERING APPARATUS.—Marcellus Cole, Washington, D. C.

440,245. DOOR.—Herman A. Benedict, Syracuse, N. Y.

440,263. STOP AND WASTE VALVE.—Patrick Harvey, Chicago, Ill.

440,280. LOCK.—William W. and Frank P. Pursell, Berwick, Pa.

440,294. WRENCH.—Milford J. Wilson, Painesville, Ohio.

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AT THE PORT OF NEW YORK FOR THE WEEK ENDING NOVEMBER 12, 1890.

From Antwerp.—Steamer "Pennland," 1,500 barrels cement, E. Thiele; 18 cases marble, Ellin, Kitson & Co.

From Cumana.—Steamer "Prins Frederick Hendrik," 1,178 pieces hard wood, Kunhardt & Co.

From Caracas.—Steamer "Prins Frederick Hendrik," 953 pieces hard wood, Suzardt & Whitney.

From Genoa.—Bark "Esplanade," 204 slabs marble, Taber & Co.; 67 blocks do., order.

From Hamburg.—Bark "Don Quixote," 2,044 casks Portland cement, Baetjer & Meyerstein. Steamer "Russia," 1,120 casks cement, E. Thiele.

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IMPORTS OF BUILDING MATERIALS, Etc.

From Hull.—Steamer "Martello," 349 casks bricks, Meeker & Carter; 31 bales cow-hair, 460 do. horse-hair, 363 do. camel-hair, 118 do. cattle-hair, 976 do. sheep-hair, order.

From Leghorn.—Steamer "Le Timbro," 3 cases marble, Hirschberg & Rewold; 21 blocks do., Phelps Bros. & Co.; 17 cases do., order.

From Liverpool.—Steamer "Testonic," 17 casks glazed bricks, Meeker & Carter; Steamer "St. Pancras," 50 bags cattle-hair, Emil Rump & Co.; 2 logs oak, order; 10,000 fine bricks, order. Steamer "Aurania," 433 pieces hard wood, order.

From London.—Steamer "Greece," 500 casks cement, Marcial & Co.; 1,050 do., E. Thiele; 1,200 casks cement; 50 casks cement, order. Steamer "Egyptian Monarch," 1,100 casks cement, E. Thiele; 500 do., Marcial & Co.; 21 logs walnut wood, 250 casks cement, 500 do., 1,000 do., order.

From Nuevitas.—Bark "Ella Moore," 159 pieces mahogany, 1,617 do. cedar, Henry W. Peabody & Co.; Schooner "Lida Fowler," 561 pieces cedar, 60 do. mahogany, Mosie Bros.

From Rotterdam.—Steamer "Sparsndam," 800 casks cement, Charles H. Spencer.

From Santa Cruz, Cuba.—Brig "Marianna Pepe," 1,120 pieces cedar, order.

From Stettin.—Bark "Orpheus," 2,800 casks cement, E. Thiele.

From St. John, N. B.—Schooner "Magellan," 2,890 barrels lime, Scammell Bros.

From Tuspan.—Schooner "De Mory Gray," 417 logs mahogany, J. W. Wilson & Co.

From Vera Cruz.—Steamer "City of Washington," 400 blocks marble, Nache, Brinkmann & Co.; 111 do., La Compania de Onix.

From Windsor, N. S.—Brig "C. C. Van Horn," 504 tons plaster, V. C. & C. V. King. Schooner "Henry Sutton," 966 tons plaster, J. B. King & Co.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

ALTERATIONS.

Brooklyn, N. Y.—Ninth St., No. 193, two-st'y brick church, tin roof, brick extension and internal alterations, etc.; cost, \$3,000; owner, C. L. Peterson, trustee, 653 Tenth St.

Stagg St., n. s. near Waterbury St., two-st'y brick school-house, slate roof, brick extension and internal alterations, etc.; cost, \$46,000; owner, Board of Education; architect, James W. Naughton.

Bedford Ave., w. s. 60' n Madison St., three-st'y brick club-house, tin roof, three-st'y extension and internal alterations; cost, \$7,187; owner, Aurora Grate Association, on premises; architect, R. B. Eastman, 26 Court St.

Irving St., foot of, and river front, five-st'y brick warehouse, gravel roof, internal and other alterations; cost, \$5,200; owners, Brooklyn Pier and Storage Co., 31 State St., New York City; architect and builder, Thomas Stone, 471 State St.

Cambridge, Mass.—Quincy St., extensive alterations to Colonial Club-house; architects, Longfellow, Alden & Harlow, Boston.

Chicago, Ill.—Catholic Bishop, one-st'y addition to church, Ninety-first St. and Exchange Ave.; cost, \$1,300.

Board of Education, three-st'y addition to school, Union and O'Brien Sts.; cost, \$40,000.

New York, N. Y.—West Forty-third St., No. 2, four-st'y brick dwell., extension and internal alterations; cost, \$4,000; owner, D. A. King, Jr., 35 Wall St.; architect, Clarence L. Luce, 181 Broadway.

East Thirty-seventh St., No. 225, two-st'y brick church, internal alterations; cost, \$3,850; owner, New York City Church Extension Society, 50 East Fifty-seventh St.; architect, Thomas Graham, 303 East Forty-third St.

BUILDING INTELLIGENCE.

West Sixteenth St., Nos. 27-29, four-st'y brick club-house, extension and internal alterations; cost, \$15,000; owner, College of St. Francis Xavier, 30 West Sixteenth St.; architect, Thomas H. Poole, 246 Fifth Ave.

Eleventh and Twelfth Aves., Thirty-fourth to Thirty-fifth St., brick market-building, open addition for a freight-station; cost, \$7,000; owners, N. Y. C. & H. R. R. Co., Grand Central Depot; architect, Walter Katte, Grand Central Depot.

Fifteenth St., 150' w Fifth Ave., five-st'y brick meat-house for New York Hospital, extension, with alterations, etc.; cost, \$15,000; owner, Society of the New York Hospital, 8 West Sixteenth St.; architect, George B. Post, 33 East Seventeenth St.

Thirteenth and Grace Sts., Thompson and Locust Aves., two-st'y brick market-house, internal alterations; cost, \$9,000; owner, City of New York, 31 Chamber St.

Twenty-third St., No. 18, four-st'y brick office and studio building, extension and internal alterations; cost, \$6,000; owner, David Lindendourgh, 74 West Fifty-second St.; architect, W. Jones, 17 West Thirteenth St.

Wall St., Nos. 49-51, four-st'y brick office-building, internal alterations; cost, \$3,000; owners, Atlantic Mutual Insurance Co., 51 Wall St.; architect, John Sexton, 1456 Broadway.

Pittsburgh, Pa.—Penna Ave., alterations to Pittsburgh Club-house; cost, about \$20,000; contract to be let; architects, Longfellow, Alden & Harlow, Boston.

St. Louis, Mo.—Three-st'y brick addition to school; cost, \$20,000; owner, School Board; contractor, M. B. Scanlan.

APARTMENT-HOUSES.

Brooklyn, N. Y.—Pacific St., n. s. 212' 3" w Classon Ave., 2 four-st'y brick apartment-houses, tin roofs; cost, \$17,000; owner, G. W. Powell, 168 Seventh Ave.

Chicago, Ill.—August H. Lewis, three-st'y flat, 234 West Huron St.; cost, \$5,000.

J. C. Bom, two-st'y flats, 4328 Emerald Ave.; cost, \$4,700.

J. J. Rodohl, three-st'y flats, 237 West Curtis St.; cost, \$3,900.

Sarah E. McEwing, two-st'y flats, 1223 Wilcox Ave.; cost, \$4,000.

William Wells, two-st'y flats, 1341 Harvard Ave.; cost, \$3,000.

T. E. Warner, 2 two-st'y flats, 1630 School St.; cost, \$6,000.

P. L. Murphy, two-st'y flats, 1926 Carroll Ave.; cost, \$2,000.

Daniel Scott, two-st'y flats, 3645 Butterfield St.; cost, \$3,000.

M. F. Wagoner, two-st'y flats, 763 Washtenaw Ave.; cost, \$2,000.

J. Kortewil, two-st'y flats, Houston Ave. and Eighty-third St.; cost, \$1,200.

W. J. Welsh, two-st'y flats, 4448 Wabash Ave.; cost, \$5,000.

J. E. Oliver, two-st'y flats, Morgan and Fifty-third Sts.; cost, \$1,200.

James Warnoyne, two-st'y flats, Forty-seventh and Wallace Sts.; cost, \$1,500.

Edmond M. Landis, two-st'y flats, 1115 North Clark St.; cost, \$7,500.

Charles Kemnitz, two-st'y flats, Oakdale and Racine Aves.; cost, \$3,000.

Mrs. Bridget Madden, three-st'y flats, 641 Fairfield Ave.; cost, \$4,500.

P. O'Donnell, two-st'y flats, 11 North Leavitt St.; cost, \$2,000.

Henry Fritz, two-st'y flats, 1466 Congress St.; cost, \$2,000.

Horatio F. Park, 2 two-st'y flats, 169-171 Sacramento Ave.; cost, \$7,000.

C. V. Donnelly, two-st'y flats, 4803 Winter St.; cost, \$2,100.

Richard Brown, two-st'y flats, 624 Root St.; cost, \$1,900.

August Esch, two-st'y flats, 778 California Ave.; cost, \$5,000.

Victor Kuchinka, two-st'y flats, 504 Winchester Ave.; cost, \$3,000.

I. Lemke, two-st'y flats, 106 Powell Ave.; cost, \$2,000.

C. Minek, two-st'y flats, 1333 Harvard St.; cost, \$1,600.

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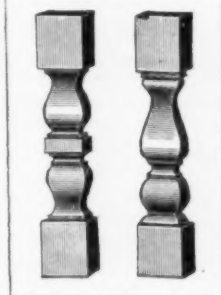
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BUILDING INTELLIGENCE.

New York, N. Y.—Thirty-sixth St., s. s. 233' 3" e Eighth Ave., 2 five-st'y brick flats, tin roofs; cost, \$40,000; owner, Wm. H. Cornett, 354 West Fifty-fourth St.; architect, G. Fred Pelham, 1481 Broadway.

Perry St., No. 137, five-st'y brick flats, tin roof; cost, \$20,000; owner, Wm. Biehoff, Jr., Chappaqua, N. Y.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

Market St., No. 36, five-st'y brick flat, tin roof; cost, \$19,000; owner, Edward O'Halloran, 5 Market St.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

Third Ave., n. e. cor. One Hundred and Fifty-sixth St., 4 five-st'y brick flats, tin roofs; cost, \$78,000; owner, Jacob Wicks, Jr., 67 East Ninety-second St.; architect, Edward Wenz, 1491 Third Ave.

Amsterdam Ave., e. s. 74' s One Hundred and Thirty-first St., five-st'y brick flats, tin roof; cost, \$18,000; owner, Thomas Moloney, 224 East One Hundred and Eighteenth St.; architects, Thom & Wilson, 1267 Broadway.

One Hundred and Thirty-third St., n. s. 225' e Seventh Ave., five-st'y brick and brownstone flat; cost, \$18,000; owner, J. G. Leyrer; architect, M. Louis Ungrich.

One Hundred and Thirty-third St., n. s. 250' w Seventh Ave., five-st'y brick and stone flat; owner, Charles F. Schultz; architects, Cleverdon & Putzel.

Ninth Ave., n. w. cor. Fifty-sixth St., four-st'y flat; owner, J. A. Bernholz; architects, Thom & Wilson.

CHURCHES.

Brentwood, Md. (near Baltimore).—Stone church, 62' x 65'; Romanesque style; seating-capacity, 200; (the gift of Mr. Keyser to the Episcopal Society); architects, Longfellow, Alden & Harlow, Boston.

Brooklyn, N. Y.—Canton St., cor Division St., John J. Deery, Esq., architect, 435 Chestnut St., Philadelphia, Pa., has had plans accepted for a Catholic church, to be built of brick and terra-cotta; cost, about \$60,000; rector, Rev. Jos. Meslia.

FACTORIES.

Williamansett, Mass.—Springfield Facing Co., two-st'y mill; architect, G. F. B. Alderman.

HOSPITALS.

Chicago, Ill.—Three-st'y German Hospital, 28-30 Belden Ave.; cost, \$12,000.

HOTELS.

Philadelphia, Pa.—Twelfth St., e. s. n Cambria St., four-st'y hotel; contractors, W. W. Binder & Son, 2037 Columbia Ave.

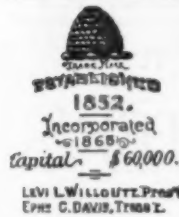
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HOUSES.

Boston, Mass.—*Heath St.*, opp. Walden St., Ward 22, 2 three-sty frame dwells., flat roofs, 23' x 36'; owner, William Carty; builders, R. D. Ward & Co.
Blossom St., No. 19, Ward 8, four-sty brick dwell., flat roof, 18' x 57'; owner, B. B. Goodwell; builders, C. F. Palmer & Co.
Melville Ave., near Hooper St., Ward 24, three-sty frame dwell., hip roof, 49.10' x 50.4'; owner and builder, B. F. Bean.
Norfolk St., near Whitfield St., Ward 24, frame dwell., 24' x 30'; owner and builder, J. J. Gillis.
Ocean St., cor. Mellen St., Ward 24, frame dwell., 30.6' x 49'; owner, L. L. Willcutt; builder, G. D. Grant.
Tilston Ave., near Walk Hill St., Ward 24, frame dwell., 21' x 33.6'; owner, A. W. Leonard; builder, W. D. Rice.
Ashmont St., near Adams St., Ward 24, frame dwell., 31.6' x 35'; owners, W. E. A. Legg and F. P. Jacques; builder, W. J. Smith.
Kena St., near North Harvard St., Ward 25, frame dwell., 25' x 40'; owner, Frederick Rosnell; builders, Alcock & McKay.

Brookline, Mass.—*Beacon St.*, cor. Fairbanks St., brick and wood dwell., 34' x 50'; owner, E. R. Smith; builder, I. F. Tarbox; architect, H. M. Stephenson, Boston.

Brooklyn, N. Y.—*McDonough St.*, n. s. 99' w Howard Ave., 6 two-sty brick dwells., tin roofs; cost, \$5,500 each; owner, Thomas McDonald, 1495 Bergen St.; architects, Amzi Hill & Son, 1161 Fulton St.
Linwood St., w. s. 150' n Ridgewood Ave., three-sty frame dwell., tin roof; cost, \$3,500; owner, Mrs. Farrington, 193 Java St.; architect, E. G. Vail, Jr., 10734 Atlantic Ave.

Russell Pl., w. s. 20' n Atlantic Ave., 5 two-sty frame dwells., tin roofs; cost, \$1,500 each; owner, architect and builder, W. D. Bogart, 262 Saratoga Ave.

Hull St., n. s. 50' w Stone Ave., 2 three-sty frame dwells., tin roofs; cost, \$5,000; owner, A. S. Walsh, 643 Madison St.; architects, A. Hill & Son, 1161 Fulton St.

Underhill Ave., w. s. 75' s St. Mark's Ave., 4 three-sty brick dwells., tin roofs; cost, \$3,500 each; owner, Daniel O'Connell, 506 Dean St.; architect, T. A. Remsen, 913 Atlantic Ave.

Ridgewood Ave., n. s. 70' e Linwood St., 3 two-and-one-half-sty frame dwells., shingle roofs; cost, \$2,500 each; owner, Wm. Cosley, 5454 Lorimer St.; architect, E. G. Vail, Jr., 18734 Atlantic Ave.

Bleeker St., n. s. 95' w Central Ave., four-sty frame dwell., tin roof; cost, \$5,000; owner, F. Roeder, 13 George St.; architect, Henry Loeffler, Jr., 788 Myrtle Ave.

Cambridge, Mass. (*Worton's Woods*).—Frame dwell.; owner, Prof. Van Daell; builder, Reuben Edgett; architects, Longfellow, Alden & Harlow, Boston.

Camden, N. J.—*North Seventh St.*, No. 107, two-sty brick dwell.; contractor, Charles Johnson, 26 North Fifth St.

Mechanic St., e Mt. Ephraim Ave., two-sty brick building; owner, Louis Paris, cor. Mechanic St. and Mt. Ephraim Ave.

Tenth St., w. s. bet. Central and Terry Sts., 11 two-sty frame dwells.; owner, George Stevens, 1806 Kosuth St.

Clinton St., No. 415, two-sty frame dwell.; owner, Jacob Carry, 415 Clinton St.

Chestnut Hill, Mass.—Frame dwell., 50' x 50'; owner, Mr. Baneroff; architects, Longfellow, Alden & Harlow, Boston.

Chicago, Ill.—*P. W. George*, two-sty dwell., 387 Sixtieth St.; cost, \$3,000.

P. W. George, two-sty dwell., 336 Maple St.; cost, \$3,000.

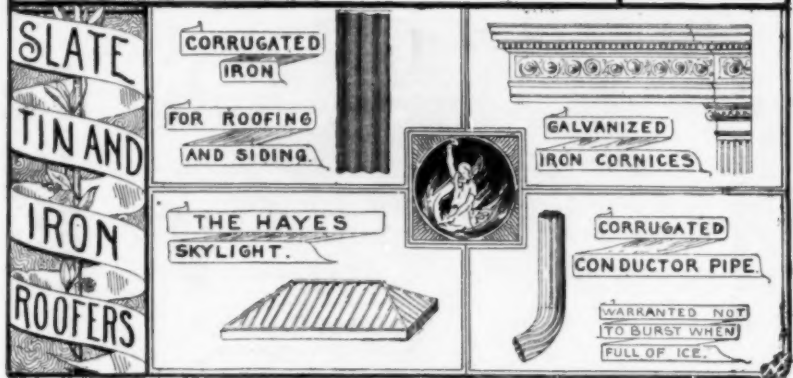
P. W. George, 2 two-sty dwells., 6943-47 Stewart Ave.; cost, \$6,000.

G. Lindburg, cottage, 5940 Morgan St.; cost, \$1,400.

Mrs. Stanley, two-sty dwell., 5445 Tracy Ave.; cost, \$4,300.

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C. M. Reeve, 2 two-sty dwells., 8231-33 Carlton St.; cost, \$5,000.

C. B. Carter, 2 two-sty dwells., 5407-09 Jefferson St.; cost, \$12,000.

Peter Duhamel, two-sty dwell., 1522 Park Ave.; cost, \$2,000.

Chapman Bros., 5 two-sty dwells., 1040-48 Jackson St.; cost, \$15,000.

J. P. Collins, two-sty dwell., Geraldine and Huntington Sts.; cost, \$1,600.

N. O. Budd, 5 two-sty dwells., 528-536 Fifty-eighth St.; cost, \$10,000.

J. McConnell, two-sty dwell., 7236 Lafayette St.; cost, \$3,000.

L. E. Mackey, two-sty dwell., 7142 Lafayette St.; cost, \$3,000.

F. B. Clarke, cottage, 513 Fremont St.; cost, \$1,500.

A. Heaseperg, two-sty dwell., 604 Seminary Ave.; cost, \$1,900.

Joseph Rose, cottage, 1931 Ashland Ave.; cost, \$1,300.

John L. Kelley, two-sty dwell., Garfield Boulevard, n. Indiana Ave.; cost, \$4,400.

E. A. Cummings, 2 two-sty dwells., Sixty-eighth St., near Hoyne Ave.; cost, \$2,400.

Mrs. Fanny N. Beck, 2 two-sty dwells., 7060-02 Wright St.; cost, \$6,000.

A. P. Allen, two-sty dwell., Sixty-seventh St., near Morgan St.; cost, \$2,700.

M. McMartin, two cottages, 5468-10 Shields Ave.; cost, \$2,200.

Frank F. Hynes, two-sty dwell., 3739 Prairie Ave.; cost, \$5,000.

William Hennason, two-sty dwell., Perry and Seventy-second Sts.; cost, \$3,000.

F. A. Hart, two-sty dwell., Maple Ave.; cost, \$2,500.

Henry Turner, cottage, 7665 Railroad Ave.; cost, \$1,000.

L. Prince, two cottages, 54-56 Bismarck St.; cost, \$1,400.

C. Schroeder, cottage, 520 North California Ave.; cost, \$1,100.

N. H. Saunders, cottage, 3609 Vernon Ave.; cost, \$1,200.

P. Ring, cottage, 711 Thirty-eighth St.; cost, \$1,200.

Charles Leonstein, two-sty dwell., 7100 Dobson St.; cost, \$1,400.

H. H. Dunn, two-sty dwell., 7744 Green St.; cost, \$3,000.

BUILDING INTELLIGENCE.

August Leake, two-sty dwell., 895 Ewing St.; cost, \$5,000.

Thomas Jubb, 2 two-sty dwells., 81-85 Darlin St.; cost, \$5,000.

John Thomas, four cottages, 651 Rockwell St.; cost, \$3,000.

Henry J. Evans, three-sty dwell., 271 Washington Boulevard; cost, \$15,000.

Chapman Bros., 4 two-sty dwells., 1409 Harvard St.; cost, \$10,000.

Mary F. Mackley, cottage, Eighty-eighth Pl. and Cottage Green Ave.; cost, \$1,500.

L. Wagner, two-sty dwell., Eightieth St. and Houston Ave.; cost, \$2,000.

C. Evans, cottage, Hunter and Sixty-fifth Sts.; cost, \$1,300.

James Faber, two cottages, 100 Fremont St.; cost, \$1,600.

C. S. McNett, cottage, Irving Ave.; cost, \$1,500.

William Otto, cottage, Kedzie and Armitage Sts.; cost, \$1,000.

Isaac Hoffert, 3 three-sty dwells., 888 West Adams St.; cost, \$14,000.

Frank H. Head, three-sty dwell., 473 North State St.; cost, \$4,000.

N. M. Clark, two-sty dwell., 528 Washington Boulevard; cost, \$10,000.

Gustave Gustavson, cottage, Eightieth and Cheney Sts.; cost, \$1,200.

Frank Thacker, two-sty dwell., Forty-fifth St. and Greenwood Ave.; cost, \$10,000.

Setolf Guntner, cottage, 1031 Roscoe St.; cost, \$1,200.

John Dembles, cottage, 85 Bismarck St.; cost, \$1,000.

Charles S. Thornton, three cottages, 6912-16 Wallace St.; cost, \$3,000.

B. Krug, two-sty dwell., 233 Belmont Ave.; cost, \$5,000.

M. F. Bronson, cottage, 6428 Winter St.; cost, \$2,000.

C. E. Phillips, 2 two-sty dwells., 151-153 Fifty-ninth St.; cost, \$6,400.

A. H. Byeth, two-sty dwell., 17 Goldons St.; cost, \$3,500.

Maurice Wilmerdorf, cottage, 70 West Nineteenth St.; cost, \$2,000.

C. Lettenberg, cottage, 6035 Aberdeen St.; cost, \$1,000.

E. L. Kendall, 2 two-sty dwells., 5633 Carpenter St.; cost, \$4,000.

O. M. Daley, two-sty dwell., 5528 Wentworth Ave.; cost, \$2,100.

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J. Stephens, cottage, 1339 Harrison St.; cost, \$2,300.
Simon Roberts, three cottages, Thirty-ninth St. and California Ave.; cost, \$1,800.
John Sheehan, two-st'y dwell., Desplaines and Eighty-eighth Sts.; cost, \$1,500.
George E. Gale, two-st'y dwell., Clark St.; cost, \$3,200.
K. L. Klein, three-st'y dwell., 3363 Calumet Ave.; cost, \$5,000.
H. B. Peabody, two-st'y dwell., 2968 Michigan Ave.; cost, \$15,000.
L. Steck, cottage, 26 Leipzig St.; cost, \$1,200.
N. H. Fleming, three-st'y dwell.; 3403 Calumet Ave.; cost, \$10,000.
L. Ruggles, cottage, 6317 Laflin St.; cost, \$1,500.
J. F. White, two-st'y dwell., 6312 Langley Ave.; cost, \$2,000.
William Humason, two-st'y dwell., Perry Ave. and Seventy-third St.; cost, \$2,700.
John B. Lynch, three-st'y dwell., 556 Dearborn Ave.; cost, \$10,000.
Rudolph Halle, two-st'y dwell., 952 West Adams St.; cost, \$3,500.
C. B. Carter, 2 two-st'y dwells., 3407-09 Jefferson St.; cost, \$12,000.
P. N. Georges, two-st'y dwell., 327 Maple St.; cost, \$3,500.
J. V. Bones, two-st'y dwell., Seventy-second St.; cost, \$2,000.
Francis Benton, two cottages, Honore and Sixty-ninth Sts.; cost, \$2,000.
W. R. Reed, 2 two-st'y dwells., Sixty-sixth and Wright Sts.; cost, \$5,000.
Ed Bracklein, cottage, Garfield St. and Laurence Ave.; cost, \$1,200.
Charles Stallman, two-st'y dwell., 330 Kennard St.; cost, \$3,000.
Jacob Armstrong, three-st'y dwell., 752 West Monroe St.; cost, \$6,000.
Holyoke, Mass.—C. C. Bausch, two-st'y dwell., Brown Ave.; cost, \$2,500; architect, H. Otto.
Jamaica Plain, Mass.—Parleyvale Ave., frame dwell., 28' x 57'; owner, Wm. A. French; builder, John H. Kellar; architect, H. M. Stephenson, Boston.
Newton, Mass. (Blue Hill).—Frame dwell., 35' x 100'; owner, C. Minot Weld; contract to be let; architects, Longfellow, Alden & Harlow, Boston.
New York, N. Y.—One Hundred and Second St., s e cor. West End Ave., 5 three-st'y brick dwells., tin and slate roofs; cost, \$60,000; owner, Hannah O'Brien, 1873 Park Ave.; architect, Andrew Spence, 163 East One Hundred and Twenty-fifth St.
Ninety-first St., n s, 88' w Madison Ave., 3 three-st'y brick dwells., tin roofs; cost, \$42,000; owners, B. A. & G. N. Williams, Jr., Sixty-eighth St. and Avenue A; architect, Thomas Graham, 305-309 East Forty-third St.

Seventy-seventh St., s s, 225' to 227' w Eighth Ave. 2 four-st'y brick dwells., tin roofs; cost, \$25,000; owner, R. Anna Carey, 230 West Forty-third St.; architect, Alanson Carey, 230 West Forty-third St.
Park Ave., w s, 117' n Thirty-ninth St., five-st'y brick dwell., slate and tin roof; cost, \$40,000; owner, D. Willis James, 40 East Thirty-ninth St.; architect, Charles C. Haight, 111 Broadway.
West End Ave., s e cor. Eighty-ninth St., 7 three-st'y brick dwells., tin roofs; cost, \$95,000; owner, John C. Henry, 884 East One Hundred and Thirty-eighth St.; architect, Clarence Trus, Eighty-eighth St. and Boulevard.
Seventy-sixth St., n s, 200' w Ninth Ave., 4 four-st'y brownstone dwells.; owners, McKinley & Gunn.
Eighty-eighth St., n s, 250' e Amsterdam Ave., 3 three-st'y brick dwells., tin roofs; cost, \$30,000; owners, Young & Henrichs, 1246 Amsterdam Ave.; architect, Albert Huttira, 123 East Fourth St.
West One Hundred and Fifty-seventh St., Nos. 506-510, 3 three-st'y brick dwells., tin roofs; cost, \$6,000; owner, Charles E. Deppermann, 524 West One Hundred and Fifty-eighth St.; architect, Joseph Wolf, 55 Liberty St.
One Hundred and Forty-fourth St., s w cor. Convent Ave., 4 four-st'y brick dwells., tin and slate roofs; cost, \$100,000; owner, W. H. De Forest, Jr., 111 Broadway; builder, Robert Dey, 1210 East One Hundred and Twenty-third St.
North Falmouth, Mass.—Three frame dwells., and stable; owners, R. C. and S. T. Downer; architects, Longfellow, Alden & Harlow, Boston.
Philadelphia, Pa.—West Fifth St., No. 2029, two-st'y brick dwell.; owner, George R. Monteth, 3056 Lawrence St.
Pulaski St., e and w s, s Queen St., 24 two-st'y dwells.; owner, A. C. Knorr, School St., s e Wayne St.
Queen St., e s, s Pulaski St., 9 three-st'y dwells.; owner, A. C. Knorr, School St., n s Wayne St.
Sunnyside St., e s, n Cresson St., three-st'y dwell.; contractors, Snyder & Reichert, 156 Green St.
Fourth St., e s, n Duncannon St., dwell.; owner, Peter Sander, Olney.
Reese St., e s, n Indiana Ave., 5 two-st'y dwells.; contractor, Samuel Morrison, 3550 North Fifth St.
Moyamensing Ave., e s, s Federal St., 5 two-st'y dwells.; contractor, J. E. Clark, 1912 Wharton St.
Monmouth St., n s, e Almond St., two-st'y brick dwell.; contractor, William A. Morgan, 2645 Tulip St.

(Continued on page xx.)

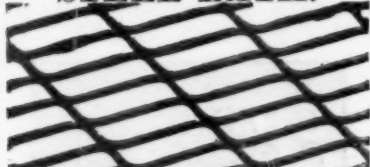
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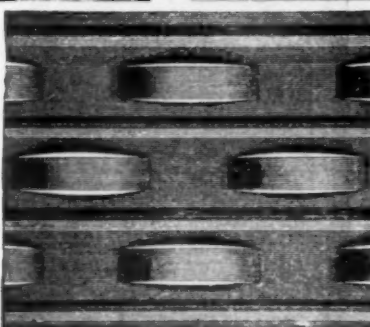
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BUILDING INTELLIGENCE.

Pittsburgh, Pa.—Brick dwell.; cost, about \$15,000; owner, Mrs. E. Schwartz; contract to be let; architects, Longfellow, Alden & Harlow, Boston.
Rockport, Mass.—Frame dwell. (Seacroft), 33' x 42'; owner, Miss Weld; builder, John M. Wetherell; architect, H. M. Stephenson, Boston.
Sewickley, Pa.—Frame dwell.; cost, about \$10,000; owner, S. W. Block; contract to be let; architects, Longfellow, Alden & Harlow, Boston.
St. Louis, Mo.—Two-st'y brick dwell.; cost, \$3,700; owner, A. B. Ridginton; contractor, B. Stocke.
Two-st'y brick dwell.; cost, \$4,000; owner, Mrs. C. Laumann; contractors, Goesse & Remmers.
Two-st'y brick dwell.; cost, \$5,000; owner, Mrs. A. Weiss; contractors, Klutho & Boche.
Two-st'y brick dwell.; cost, \$13,200; owner, Robert H. Stockton; contractor, J. H. Bowler.
Two-st'y frame dwell.; cost, \$2,600; owner, Cath. Phelan; contractor, R. Duetman.
Two-st'y frame dwell.; cost, \$2,800; owner, H. A. Chapin; contractors, Theilke Bros.
Two-st'y frame dwell.; cost, \$6,300; owner, Jules Lafmann; contractors, Kelly & Lawton.
Two-st'y frame dwell.; cost, \$8,000; owner and contractor, Thomas Syrliey.
Two-st'y brick dwell.; cost, \$3,300; owner and contractor, W. T. Kytte.
Ten two-st'y brick dwells.; cost, \$30,000; owners, People's Investment and Building Co.; contractor, N. J. Trullitt.
Two-st'y brick dwell.; cost, \$4,000; owner, Edward Kayser; contractor, H. Dunlap.
Two-st'y brick dwell.; cost, \$3,500; owner and contractor, A. J. Riddle.
Two-st'y brick dwell.; cost, \$3,000; owner, F. Koch; contractor, W. J. Price.
Two-st'y brick dwell.; cost, \$3,500; owner, A. Hart; contractor, W. J. Price.
Two-st'y brick dwell.; cost, \$3,000; owner, A. Hart; contractor, W. J. Price.
Two-st'y brick dwell.; cost, \$6,500; owner, Thos. P. Gleeson; contractors, S. Bates & Co.
Two-st'y brick dwell.; cost, \$5,000; owner and contractor, J. Sparling.
Two-st'y brick dwell.; cost, \$2,500; owner and contractor, F. C. Hantheter.
Three-st'y brick dwell. and store; cost, \$7,000; owner, A. T. Wilde; contractor, C. Lintekamp.
Two-st'y brick dwell.; cost, \$7,000; owner, D. R. Furgeson; contractor, R. W. Morrison.
Two-st'y brick dwell.; cost, \$5,000; owner, S. B. Marks; contractor, F. H. Gray & Bro.
Two-st'y brick dwell.; cost, \$5,000; owner, R. L. Ostrander; contractor, R. J. Lloyd.
Two-st'y brick dwell.; cost, \$10,000; owner, C. R. H. Davis; contractor, D. G. Hughes.
Two-st'y brick dwell.; cost, \$4,800; owner, P. H. Hemminghaus; contractor, A. Fick.

Iron-Work.

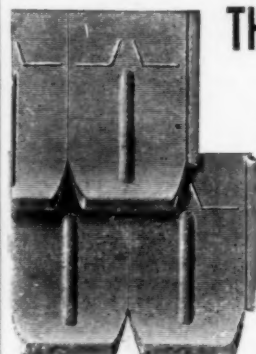
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Two-st'y brick dwell.; cost, \$2,800; owner, A. Graff; contractors, Blasser Bros.
Two-st'y brick dwell.; cost, \$4,000; owner and contractor, Dr. T. J. Harvey.
Two-st'y brick dwell.; cost, \$5,000; owner, M. Murray; contractor, H. F. Beinke.
Two-st'y brick dwell.; cost, \$3,000; owner, P. Fox; contractor, H. Sudhoefer.
Three-st'y brick dwell.; cost, \$2,700; owner, Aug. Schuermann; contractor, Phil Freeman.
Four-st'y brick dwell. and store; cost, \$5,600; owner, H. Thier; contractor, C. Frieling.
Two-st'y brick dwell.; cost, \$4,000; owner, L. McLaughlin; contractor, J. H. Schaffer.
Two-st'y brick dwell.; cost, \$4,000; owner, P. T. Madden; contractor, J. H. Schaffer.
Two-st'y brick dwell.; cost, \$4,500; owner, M. F. Hausen; contractor, F. W. Lofhagen.
Two-st'y brick dwell. and store; cost, \$3,500; owner, H. A. Christophel; contractor, E. R. Christophel.
Two-st'y brick dwell. and store; cost, \$3,500; owner, Charles Brinkman; contractor, Fred H. Fricke.
Two-st'y brick dwell.; cost, \$3,500; owner and contractor, M. A. Moran.
Three-st'y brick dwell. and store; cost, \$4,900; owner, A. P. Walz; contractor, J. S. Kuhnert.
Three-st'y brick dwell.; cost, \$3,200; owner, Mr. Wagner; contractor, B. Deugler.
Two-st'y brick dwell.; cost, \$14,000; owner, J. J. Phillips; contractor, A. Bauer.

BUILDING INTELLIGENCE.

Two-st'y brick dwell. and store; cost, \$6,000; owners, St. Louis Turners No. 2; contractor, A. Wagner.
Two-st'y brick dwell.; cost, \$4,000; owner and contractor, L. Frein.
Two-st'y brick dwell.; cost, \$8,700; owner, T. Lang; contractor, E. Paulus.
OFFICE-BUILDINGS.
New York, N. Y.—Hudson St., n w cor. Franklin St., ten-st'y brick office-building; cost, \$220,000; owner, Henry L. Price, Boston, Mass.; architects, Carrère & Hastings, 44-46 Broadway.
SCHOOL-HOUSES.
Brooklyn, N. Y.—Graham St., e s. 102' n Willoughby Ave., three-st'y brick school-house, tin roof; cost, \$60,000; owner, Rev. Thomas Taaffe, Willoughby Ave. and Graham St.; architect, T. F. Houghton, 340 Fulton St.
Nelson St., s w cor. Hicks St., two-st'y brick school-house, tin roof; cost, \$22,800; owner, Board of Education; architect, James W. Naughton.
Eagle St., n s. 395' e Franklin St., three-st'y brick school-house, tin roof; cost, \$39,700; owner, Board of Education; architect, James W. Naughton.
Chicago, Ill.—George F. Fuller Co., four-st'y school-house and dwell., 366-368 Elm St.; cost, \$50,000.
STABLES.
Boston, Mass.—Portland St., No. 171, Ward 7, three-st'y brick stable, flat roof, 27' x 82'; owner, Tobias Libby; builders, Mead, Munson & Co.

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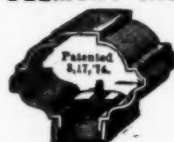
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Greene Ave., n w cor. Sumner Ave., four-st'y
brick store and dwell., tin roof; cost, \$20,000;
owner, T. B. Bryant, 272 Lewis Ave.; architect,
John E. Dwyer, 1540 Broadway.

New York, N. Y.—Leonard St., Nos. 147-153, seven-
st'y brick store, tin roof; cost, \$142,500; owner,
Catharine Garrick, 671 Lexington Ave.; architects
and builders, Horgan & Slattery, 12 Roosevelt St.

PROPOSALS.

SCHOOL-HOUSE.

[At Boston, Mass.]
CITY OF BOSTON.

Sealed proposals, addressed to the Hon. Thomas N.
Hart, Mayor, and indorsed "Proposals for the Erec-
tion of a Grammar School-house corner of Wells
Avenue and Washington Street, Ward 24, Boston,"
will be received at the office of the City Architect,
City-Hall, Boston, until 12 o'clock M. Saturday,
December 6, 1890, and at that time will be pub-
licly opened and read.

The prices proposed must be stated both in writing
and in figures, and all proposals containing bids not
called for in this advertisement will be considered in-
formal.

Each bid must be signed by the bidder and accom-
panied by a properly certified check for \$1,000, pay-
able to the City of Boston, said check to be returned
to the bidder unless forfeited under the conditions
herein stipulated.

The amount and character of the securities for the
fulfillment of the contract will be determined by the
City Architect after the proposals are opened.

If a bond is required with the contract, the sureties
thereon must be residents of Massachusetts and satis-
factory to the City Architect.

The person or persons to whom the contract may be
awarded will be required to appear at this office, with
the securities offered by him or them, and execute
the contract within four days (not including Sunday)
from the date of notification of such award, and the
preparation and readiness for signature of the con-
tract; and, in case of failure or neglect to do so, he or
they will be considered as having abandoned it, and
the check accompanying the proposal shall be for-
feited to the City of Boston.

Specifications and plans may be seen at the office of
the City Architect, City-Hall, after Wednesday,
November 26, 1890, and the proposals are to be filled
out on blank forms to be obtained at that office.

The City Architect reserves the right to reject any
or all bids, should he deem it to be for the interest of
the City of Boston so to do.

H. H. ATWOOD,
City Architect.

778

November 15, 1890. Sealed proposals will be re-
ceived at the office of the Supervising Architect,
Treasury Department, Washington, D. C., until 2
o'clock P. M. on the 10th day of December, 1890, for
all the labor and material required for the approaches
to the United States Court-house, Post-office and

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BUILDING INTELLIGENCE.

Rutven St., rear, cor. Harold St., Ward 21, one-
st'y frame stable, 22.10' x 31.8'; owner and builder,
David Connerly.

Peter Parley Road, near Walnut Ave., Ward 23,
two-st'y frame stable, hip roof, 31' x 46'; owner, F.
A. Peters.

Chicago, Ill.—E. J. Crane, two-st'y livery-barn,
333-395 West Madison St.; cost, \$5,000.
August Hoppe, barn, 686 Racine Ave.

Philadelphia, Pa.—Penn Ave., No. 2215, two-st'y
stable; owners, Hugh Maywell & Co., 2215 Hamilton
St.

Wright St., No. 2147, two-st'y stable; contractor,
Thomas B. Dunn, 2126 Sharwood St.

Germaniown Ave., e s, n Cumberland St., three-
st'y stable; owner, Thomas Bately, 969 Leigh Ave.

Reese St., e s, n Pike St., two-st'y stable; con-
tractor, John Vanderslice, 3026 North Fifth St.

Jefferson St., e s, n Plum St., one-st'y stable; con-
tractor, William Keas, 4624 Penn St.

Market St., s s, w Thirty-seventh St., three-st'y
brick stable; owner, James Wambolt, 57 North
Thirty-eighth St.

St. Louis, Mo.—Two-st'y brick stable; cost, \$9,000;
owners, St. Louis Brewing Association; contractor,
Charles Weking.

STORES.

Brooklyn, N. Y.—Fulton Ave., s s, 29' e Linwood
St., three-st'y frame store and dwell., tin roof; cost,
\$4,000; owner, Daniel Laird, Essex St., near Fulton
Ave.; architect, Charles Infanger, 68 Van Sielen
Ave.

Hamburgh Ave., n e cor. Madison St., three-st'y
frame store and dwell., tin roof; cost, \$6,000; own-
ers, architects and builders, Cosine & Gascoine, 1225
Bushwick Ave.

Jefferson Ave., n e cor. Broadway, 4 four-st'y
brick stores and dwells., tin roofs; total cost, \$40-
000; owner, C. H. Moller, South Eighth St.; archi-
tect, Frank Holmberg, 1161 Broadway.

BUILDING INTELLIGENCE.

Stagg St., n s, 119' 7" w Bogart St., 6 three-st'y
frame stores and dwells.; cost, \$25,000; owner,
Jacob Schneider, 313 Stagg St.; architect, Th. Engel-
hardt, 905 Broadway.

Third Ave., n e cor. Fifty-third St., 2 one-st'y
brick stores, tin roofs; cost, \$3,000 each; owner,
Dr. Parshaw, Fifty-third St. and Third Ave.; archi-
tect, Thos. Bennett, Third Ave. and Forty-eighth
St.

Broadway, n s, 125' e Hooper St., two-st'y brick
store and dwell., tin roof; cost, \$3,000; owner, B.
Keenan, on premises; architect, Benjamin Finken-
sieper, 93 Broadway.

Siegel St., n s, bet. Leonard and Ewen Sts., four-
st'y frame store and tenement, tin roof; cost, \$8,000;
owner, M. Rich, 136 Lewis Ave.; architect, Ernest
Dennis, 115 Himrod St.

Pennsylvania Ave., e s, 100' n Eastern Parkway,
three-st'y frame store and dwell., tin roof, cost,
\$4,000; owner, George Leaderly, Central Ave.; ar-
chitect, Henry Wolbeck, 86 Knickerbocker Ave.

Himrod St., n s, 175' w Knickerbocker Ave., 6
three-st'y frame stores and dwells., tin roofs; cost,
\$4,500 each; owner, George Gutting, 78 Ewen St.;
architect, F. J. Lessing, 932 Broadway.

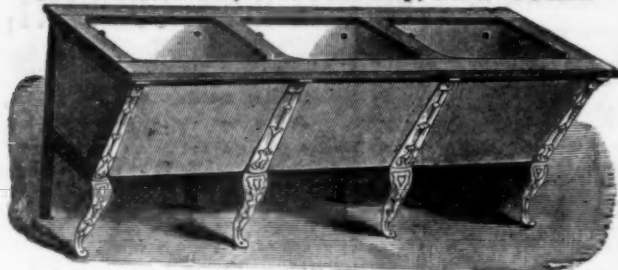
Flushing Ave., n s, 75' e Classon Ave., three-st'y
frame store and dwell., tin roof; cost, \$3,500;
owner, John Lappin, 343 Flushing Ave.; archi-
tect, John Fletcher, 32 Grove St.

Herkimer St., n w cor. Ralph Ave., three-st'y
brick store and dwell., tin roof; cost, \$10,000;
owner, Charles Weisner, 236 Hull St.; architect,
Frank Holmberg, 1161 Broadway.

Atlantic Ave., n e cor. Linwood St., 2 four-st'y
brick stores and dwells., tin roofs; cost, \$17,500;
owner, Miss Sarah Connolly, Essex St. and Atlantic
Ave.; architect, Charles Infanger, 68 Van Sielen
Ave.

Hull St., n w cor. Stone Ave., three-st'y frame
store and dwell., tin roof; cost, \$5,000; owner, A. S.
Walsh, 643 Madison St.; architects, Amzi Hill &
Son, 1161 Fulton St.

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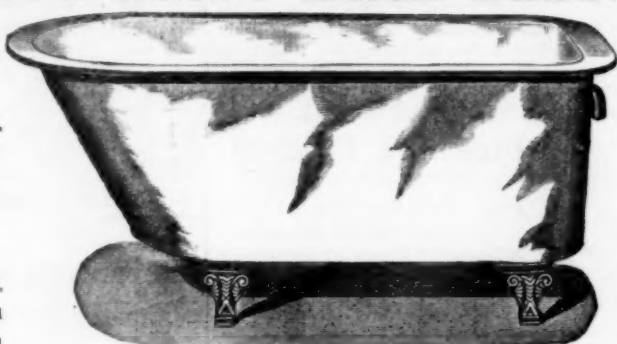
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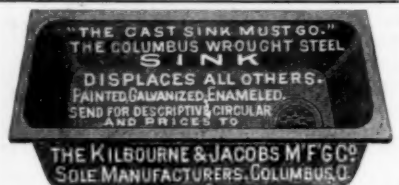
PROPOSALS.

Custom-house at Vicksburg, Miss., in accordance with the drawing and specification, copies of which may be had on application at this office or the office of the Superintendent at Vicksburg, Miss. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time herein stated for opening the same; also, all bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Approaches to the United States Court-house, Post-office and Custom-house at Vicksburg, Miss., and addressed to JAS. H. WINDRIM, Supervising Architect.

November 17, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 9th day of December, 1890, for all the labor and material, and fixing in place complete, the low-pressure, return-circulation, steam-heating and ventilating apparatus for the United States Court-house, Post-office, etc., building at Augusta, Ga., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Augusta, Ga. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time herein stated for opening the same; also, all bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Low-pressure, Return-circulation, Steam-heating and Ventilating Apparatus for the United States Court-house, Post-office, etc., building at Augusta, Ga.," and addressed to JAS. H. WINDRIM, Supervising Architect.

November 11, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 29th day of November, 1890, for all the labor and material, and fixing in place complete, the low-pressure, return-circulation, steam-heating and ventilating apparatus for the United States Court-house, Post-office, etc., building at Huntsville, Ala., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Custodian at Huntsville, Ala. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time herein stated for opening the same; also, all bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Low-pressure, Return-circulation, Steam-heating and Ventilating Apparatus for the United States Court-house, Post-office, etc., building at Huntsville, Ala.," and addressed to JAS. H. WINDRIM, Supervising Architect.

November 10, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 2d day of December, 1890, for all the labor and materials required to put in place complete the iron vault and closet doors for the United States Court-house and Post-office building at Pittsburgh, Pa., in accordance with the drawings and specification, copies of which may be had at this



PROPOSALS.

office or the office of the Superintendent at Pittsburgh, Pa. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time herein stated for opening the same; also, all bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in an envelope sealed and marked "Proposal for Vault Doors at Pittsburgh, Pa.," and addressed to JAS. H. WINDRIM, Supervising Architect.

November 10, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 29th day of November, 1890, for all the labor and materials, and fixing in place complete, the low-pressure, steam-heating and ventilating apparatus for the United States Post-office, etc., building at Houston, Texas, in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Houston, Texas. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time herein stated for opening the same; also, all bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in an envelope sealed and marked "Proposal for the Low-pressure, Steam-heating and Ventilating Apparatus for the United States Post-office, etc., building at Houston, Texas," and addressed to JAS. H. WINDRIM, Supervising Architect.

November 6, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 4th day of December, 1890, for all the labor and material required for the excavation, concrete foundations, stone and brick work of the basement and area walls, first floor iron beams and girders and columns in basement, for the United States Court-house, Post-office and Custom-house building at Bay City, Mich., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Bay City, Mich. Each bid must be accompanied by a certified check for \$300. The Department will reject all bids received after the time herein stated for opening the same; also, all bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Excavation, Concrete Foundations, Stone and Brick Work and Iron-work for the Basement and Area Walls of the United States Court-house, Post-office and Custom-house at Bay City, Mich.," and addressed to JAS. H. WINDRIM, Supervising Architect.

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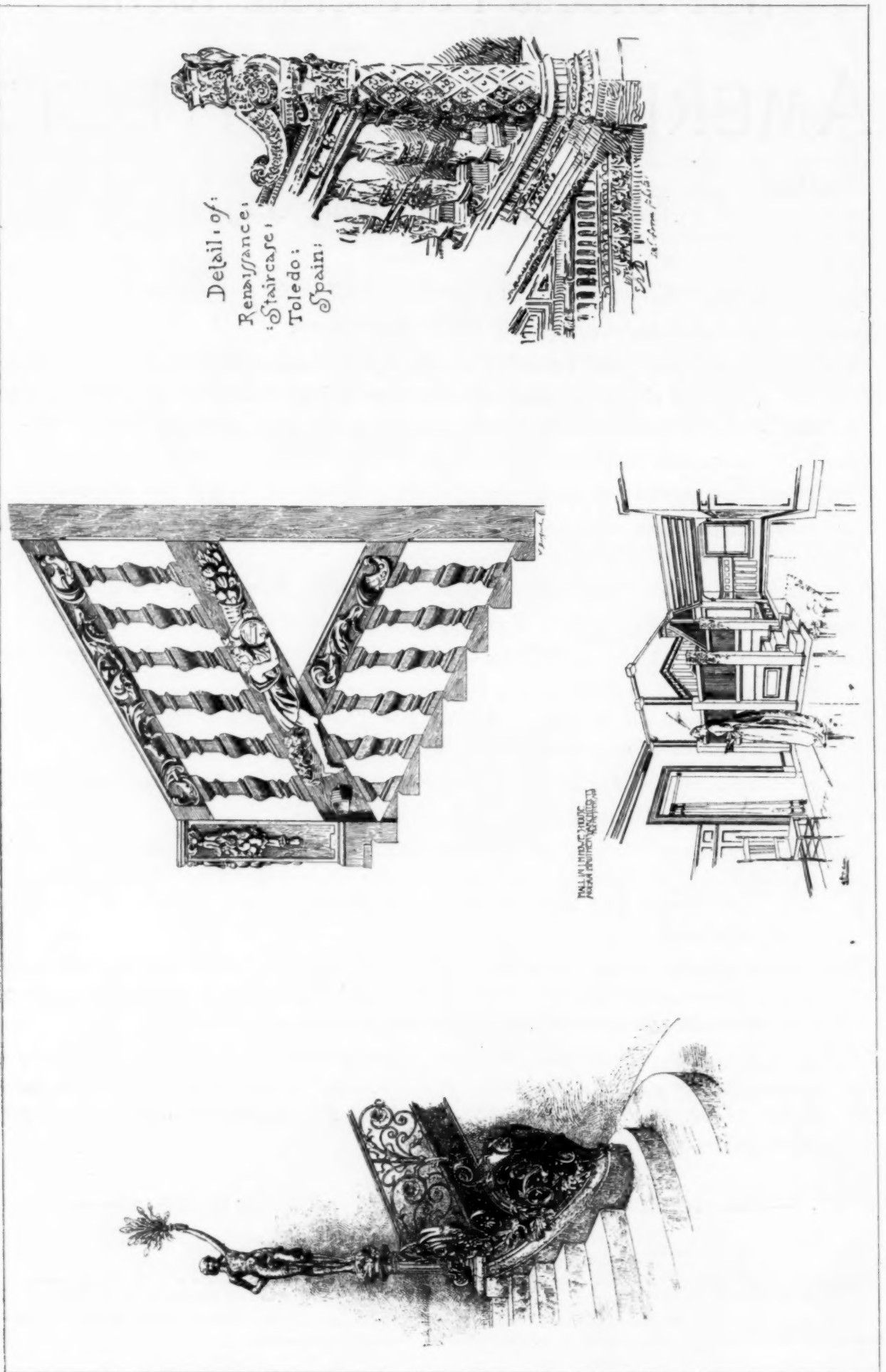
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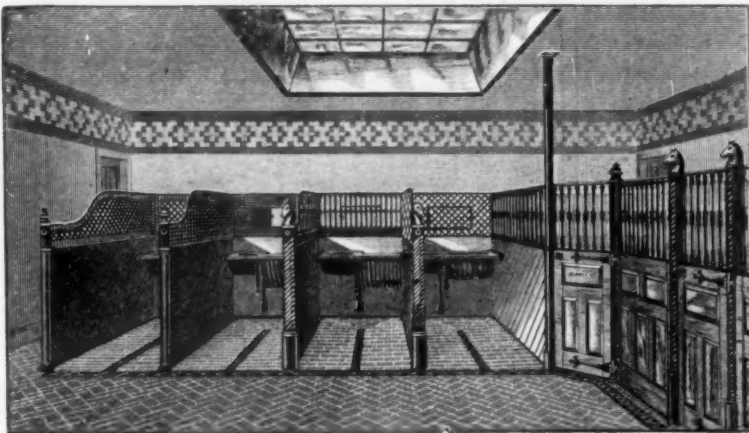
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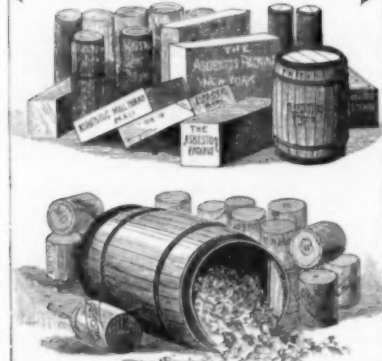
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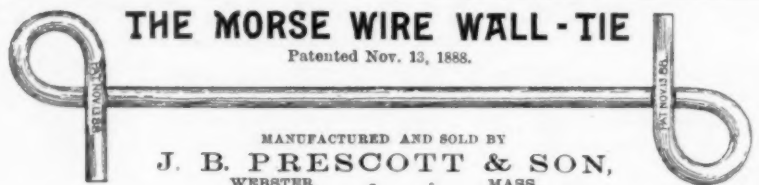
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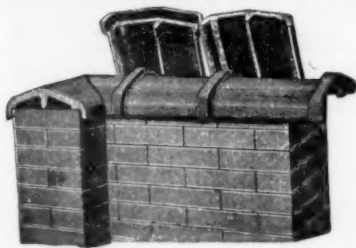
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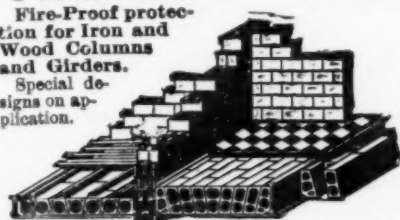
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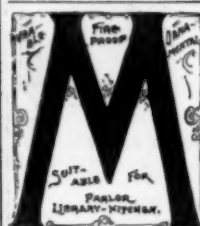
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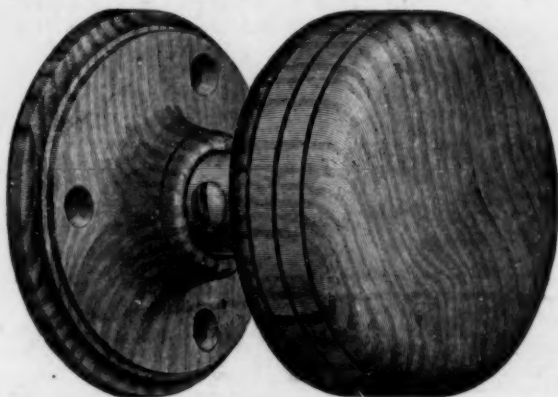
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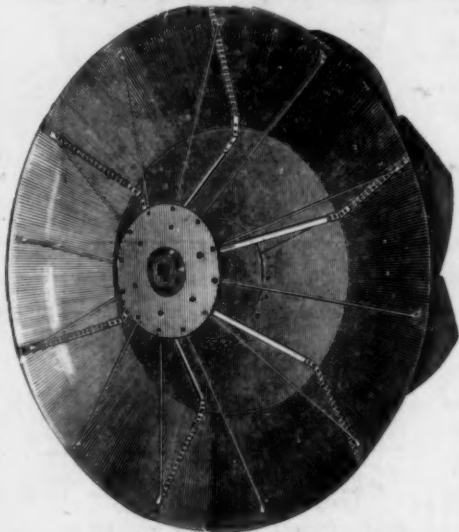
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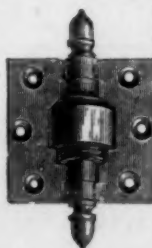
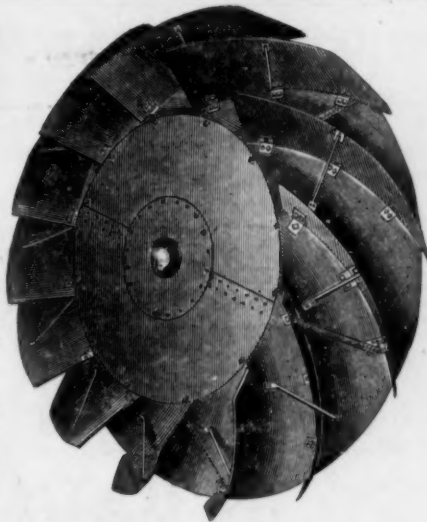
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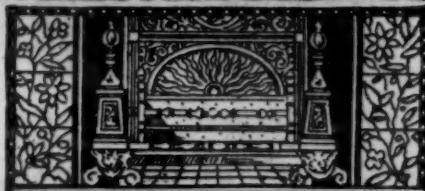
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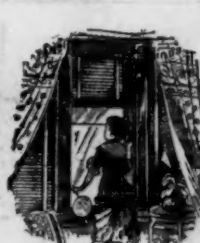
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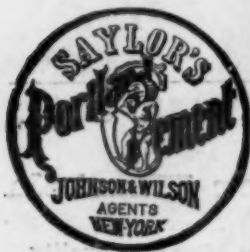
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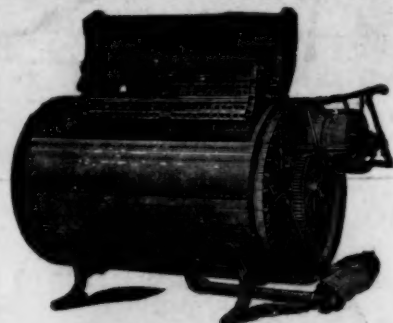
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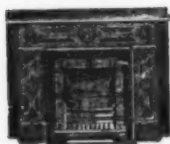


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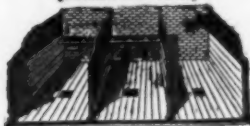
BUILDING MATERIALS.

	New York.	Boston.	Chicago.	Philadelphia.
	(Wholesale Prices.)	(Price to Builders and Contractors.)		
LUMBER.—P. M.				
Boards: (Ordinary dimensions.)				
Pine, 1st quality, clear.....	65 00 @ 75 00	50 00 @ 60 00	30 00 @ 47 00	48 00 @ 55 00
" 2d quality.....	55 00 @ 60 00	42 00 @ 50 00	25 00 @ 28 00	40 00 @ 45 00
" 3d quality.....	18 00 @ 22 00	35 00 @ 40 00	14 00 @ 20 00	30 00 @ 35 00
Spruce.....	18 00 @ 25 00	13 00 @ 25 00	Not sold.	16 00 @ 20 00
Hemlock.....	ea 13 1/2 @ 14	13 00 @ 15 00	12 00 @ 12 00	11 25 @ 13 50
Yellow pine.....	20 00 @ 40 00	26 00 @ 35 00	29 00 @ 37 00	14 00 @ 29 00
Cypress.....	32 00 @ 40 00	32 00 @ 40 00	32 00 @ 40 00	32 00 @ 40 00
Clapboards:				
Pine.....	40 00 @ 60 00	40 00 @ 60 00	10 00 @ 22 00	14 00 @ 25 00
Spruce.....	25 00 @ 40 00	25 00 @ 40 00	Not sold.	Not sold.
Shingles:				
Pine.....	14 00 @ 18 00	15 50 @ 20 00	12 00 @ 15 30	25 00 @ 37 30
Spruce.....	12 00 @ 16 00	14 00 @ 16 00	Not sold.	16 00 @ 18 00
Hemlock.....	18 00 @ 21 00	24 00 @ 35 00	10 00 @ 13 00	13 00 @ 17 00
Yellow pine.....				22 00 @ 28 00
Laths:				
Pine.....	2 25 @ 2 25	2 25 @ 2 35	2 10 @ 2 25	2 75 @ 3 00
Spruce.....	2 25 @ 2 50	2 25 @ 2 50	Not sold.	2 30 @ 3 00
Shingles:				
Pine, shaved..... P. M.....	5 00 @ 6 00	4 50 @ 5 00	Not sold.	2 30 @ 3 00
Pine, sawed.....	4 00 @ 5 00	1 50 @ 2 00	Not sold.	Not sold.
Spruce, sawed.....	1 50 @ 2 00	5 75 @ 4 00	6 00 @ 7 50	30" \$35 @ 40
Redwood..... P. M.....	1 40 @ 1 60		Not sold.	24" 8 @ 21
Cedar, split..... P. M.....		2 00 @ 4 00	2 00 @ 2 35	20" 8 @ 14
Cedar, sawed..... P. M.....		5 00 @ 6 00	3 50 @ 4 00	11 00 @ 14 00
Cypress..... 7 x 24. "	18 00 @ 30 00			
Miscellaneous:				
Pine..... P. ft.....	4 1/2 @ 5 1/2	Pine 6x. P. ft.....	Cut to order.	9 00 @ 13 00
Fence pickets, Common.....	8 00 @ 10 00	10 00 @ 18 00	P. 10 00 @ 18 00	4 1/2 @ 1 25
Cedar posts, 9 ft. (sq. posts).....		25 00 @ 50 00	9 @ 21	20 @ 30
Chestnut.....		25 00 @ 50 00	Not sold.	
Finishing Woods: P. M. (First Qual.)				
Ash.....	80 00 @ 120 00	45 00 @ 60 00	80 00 @ 40 00	30 00 @ 40 00
Cherry.....	40 00 @ 60 00	85 00 @ 120 00	80 00 @ 100 00	100 00 @ 120 00
Butternut.....		60 00 @ 70 00	80 00 @ 100 00	70 00 @ 80 00
Hard-pine floors (rift).....	120 00 @ 180 00	150 00 @ 200 00	150 00 @ 200 00	150 00 @ 200 00
Mahogany, Baywood (Mexican).....	330 00 @ 500 00	120 00 @ 350 00	200 00 @ 250 00	300 00 @ 400 00
St. Domingo.....	45 00 @ 60 00	45 00 @ 50 00	15 00 @ 25 00	25 00 @ 55 00
Maple.....	70 00 @ 80 00	45 00 @ 50 00	35 00 @ 40 00	45 00 @ 55 00
Oak, red.....	70 00 @ 80 00	50 00 @ 55 00	22 00 @ 40 00	45 00 @ 55 00
" white.....	70 00 @ 80 00	50 00 @ 55 00	45 00 @ 50 00	60 00 @ 75 00
" quartered.....	90 00 @ 100 00	50 00 @ 55 00	35 00 @ 50 00	57 50 @ 65 00
Sycamore quartered.....		50 00 @ 75 00	35 00 @ 50 00	50 00 @ 65 00
Pine, clear.....	65 00 @ 70 00	60 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
Redwood..... P. M.....	60 00 @ 70 00	60 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
Rosewood..... P. M.....		32 00 @ 35 00		
Spruce floors (clear, kiln-dried).....	125 00 @ 150 00	85 00 @ 120 00	55 00 @ 100 00	50 00 @ 17 00
Walnut, black.....	45 00 @ 50 00	40 00 @ 45 00	18 00 @ 40 00	25 00 @ 40 00
Whitewood.....	45 00 @ 50 00	40 00 @ 45 00	29 00 @ 40 00	50 @ 45 00
Yellow pine..... P. M.....				

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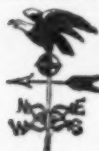
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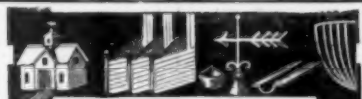
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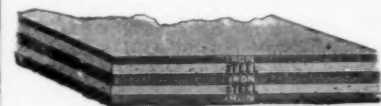
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BUILDING MATERIALS.

Reported for the American Architect and Building News.

	New York.	Boston.	Chicago.	Philadelphia.
	(Wholesale Prices.)	(Prices to Builders and Contractors.)		In Yard.
BRICK.—(P M.)				
Common: Cargo float.				
Fale.....	3 00 @ 3 25			Sq. Hard @ 9 00
Jersey.....	4 75 @ 5 75	9 00 @ 10 00		" @ 7 00
Long Island.....	5 50 @ 5 75	Hay State Hard		Salm @ 5 00
Up River.....	5 25 @ 6 00	9 00 @ 10 00		Sq. " @ 00
Haverstraw Bay 2nd.....	5 50 @ 5 75	Domesic Com.	Indiana Pressed	Light Stretchers
" 1st.....	5 75 @ 6 25	9 50 @ 10 00	14 00 @ 20 00	@ 10 00
Hollow.....	13 00	Domestic Face	St. Louis Fronts	Medium " @ 12 00
Fronts.....		20 00 @ 22 00		Red " @ 13 00
Croton, Brown.....	14 00 @ 15 00	Philadelphia		Dark " @ 13 00
" dark.....	15 00 @ 16 00	40 00 @ 45 00		Pressed " @ 13 00
" red.....	15 00 @ 16 00	Phila. mould		18 00 @ 20 00
Chicago pressed (Anderson).....		50 00 @ 80 00		Best Paving " @ 14 00
Chicago moulded.....				Second " @ 13 00
Baltimore.....	7 00 @ 41 00	Anderson		Third " @ 12 00
Philadelphia.....	22 00	14 00 @ 32 00		Dom. { @ 85
Trenton.....	22 00			@ 85
Milwaukee.....				
Moulded:				
Glens Falls Red Pressed.....	45 00 @ 70 00			
" " Buff.....				
" " Moulded Red & Buff				
Enamelled: Imp.				
Enamelled (edge).....	85 00 @ 100 00			
Enamelled (edge and end).....	90 00 @ 115 00			
CEMENT, LIME, etc.—(P cast.)				
Rosendale Cement.....	90 @ 1 00	1 20 @ 1 40		
Louisville.....		Brooks, S. & Co		
Utica, Akron, Buffalo, Milw'kee.	Not sold.	2 60 @ 3 00		
Portland, English (Gibbs).....	2 50 @ 3 00	2 60 @ 3 00		
" " (K. B. & S.).....	2 50 @ 3 00	2 60 @ 3 00		
" " Black Cross.....	2 25 @ 2 50	2 60 @ 3 00		
" " (Burham).....	2 50 @ 2 80	2 60 @ 3 00		
" " (White's).....	2 50 @ 3 00	2 60 @ 3 00		
" French (Lafarge).....	3 60 @ 3 75	3 00 @ 3 50		
" German (Alsen).....	2 90 @ 3 25	3 15 @ 3 35		
" " (Voorwiler).....	2 25 @ 2 40	Cleopatra		
" " (Lagerhofer).....	2 50 @ 2 90	2 55 @ 3 00		
" " (Dyckerhoff).....	2 90 @ 3 25	3 00 @ 3 50		
" " (Hanover).....	2 50 @ 3 00			
" " Stettin (Anchor).....	2 35 @ 2 85			
" American (Baylor's).....	2 15 @ 2 45	2 15 @ 2 50		
Roman.....	2 75 @ 3 00	2 75 @ 3 00		
Keene's coarse.....	5 75 @ 6 50	6 00 @ 7 00		
" superfine.....	9 25 @ 10 25	11 50		
Lime:				
Lime of Tetl.....	3 50 @ 4 00			
Hydraulic Lime.....	@ 1 45			
Chicago Lime in bulk.....		1 35		
Wisconsin.....	@ 90	St. John 1 00		
Rockland and Rockport, (Com.).....	@ 1 10			
Rockland and Rockport, (Ensh.).....	@ 1 20			
Kelley Island Lime, (Ensh.).....	@ 85			
State, com. cargo rates (nom.).....	@ 1 05			
State, finishing.....	1 20 @ 1 25			
Plaster of Paris (alcined.).....	1 30 @ 1 35			
" (casting).....	12 @ 15			
Hair (Cattle) & bush.....	22 @ 25			
" (Goat).....	1 00 @ 1 25			
Sand, & load.....				
STONE.—(P cubic foot, rough.)				
Granite: (Maine).....	45 @ 1 25			
Limestone:	@ 1 00			
Bedford.....				
Joliet.....				
Lemont.....				
Serpentine.....				

ARCHITECTURAL AND BUILDING PAPERS.

IN the August issue of THE OFFICE—"A Practical Journal of Business"—was published a comparative account of the character and quality of the several Architectural and Building Journals from which we make the following extract.

The fact that the editor of THE OFFICE is also editor of one of the journals considered in this comparative examination—a competitor, therefore, of the *American Architect*—should have its due weight in adding emphasis to the favorable estimate he makes of this journal.

"In every class of papers there are one or two, or perhaps three or four, which are preëminent. They are universally recognized and are known everywhere. Sometimes they serve as examples for the less successful periodicals to imitate, and sometimes they answer as a standard or measure by which to judge of all others in the class. The architectural and building papers are no exception to the rule, but in an article like this it is difficult, if not absolutely impossible, to make the fact apparent, to designate the giants without covering up the pigmies."

"An advertising medium to be of the greatest possible use to any one must reach the particular class of people whom the advertiser wishes to reach. Further, it must reach plenty of them, or else the charge for the advertisement must be proportionately less than if it reached a large number. To be of the greatest use the medium must present the advertiser's announcement in such a way and in such a connection that it will be seen, read, remembered and kept. The trade journal which relies on glossy paper and lithographic inserts to offset small circulation causes the advertiser to fail of reaching the entire trade, puts upon him the necessity of paying another fee to reach it through some other medium or in some other way. Again, the periodical which prints 'carloads of copies,' all made up with the scissors, containing nothing of reading matter but fulsome notices of advertisers or its own prospectus, has very poor value as an advertising medium. While it may reach the offices of the entire trade which it tries to represent, simply because it is sent there, it is never opened and never read, because it contains nothing of interest. Circulation in the sense of copies printed and mailed is one thing, and circulation in the sense of papers attentively read is still another and a much more important thing."

"So long as the average advertiser is ready to be gulled by the latest and largest story which the advertising solicitor can tell, just so long will the condition of the trade press be such that reputable publishers cannot afford to make their circulation public. Whenever an honest publisher states the actual circulation of his periodical it is only a challenge to the dishonest publisher of a rival paper to go one or more better. While telling a lie, why not tell a big one? This seems to be the rule with some at the present time, and accordingly figures are big. We are not at all surprised to receive, in answer to our letters of inquiry, from all the more prominent and the most influential publishers in the entire list, a polite declination to name circulation figures for publication."

"A paper that has an excellent selection of articles of a high class, which are of interest to the best men in the trade, may be assumed to have a high-class circulation, whatever the quantity may be. On the other hand, a paper that is second-class in all that it does cannot readily be supposed to number first-class people exclusively among its readers."

"The number of the current volume, which we have carefully noted in each case in the table, does not indicate the age of the paper without some calculation. Some papers count a volume to a year, others count two volumes to a year, even though they issue monthly, and, if we are not greatly mistaken, in one or two instances as many as four volumes to the year have been figured in order to obtain age at a more rapid rate.

To those who know the field intimately and who remember that only a short time since there was a very small number of papers addressed to the building trades, it will seem somewhat strange that there are so many now on the list that have attained the dignity of a high volume number. The quite respectable age of so many, and the fact that several of them seem nearly of the same age, can only be explained by the fact to which we have called attention."

"Were we to attempt to divide the papers before us into two classes, one of which should include the architectural papers and the other of which should include the building papers, we should be very much at a loss, after the more conspicuous ones had been disposed of, to know what to do with certain of the others. Without doubt the *American Architect and Building News* (Boston) stands first in the class devoted to architecture; by this we mean stands first in the treatment of those topics which particularly interest architects."

"Of those papers which issue different editions, the *American Architect and Building News*, Boston, stands prominent. Its several editions are known respectively as the regular, imperial and international. The first of these appears in a corn colored cover, the second in a terra cotta colored cover and the third in a greenish granite hued cover. The difference between these several editions is in the plates or inserts. Editorial contents and advertising are the same in all."

"Were we to consider the question of subscription price with a view to classification, we would find that in this set of papers there are examples of both the cheapest and the most expensive trade papers published. From a monthly at 50 cents a year (*American Builder*, Cleveland) to a weekly at \$25 a year (the international edition of the *American Architect and Building News*, Boston) there is a wide range, to say the least. The latter, we are safe in saying, is among the most elaborate and costly periodicals at present published anywhere."

"Said a gentleman, the managing man of a concern, whose advertisement occurs in several of the papers here described, to the writer of this article, some time since, 'The only rule I have for determining whether or not a paper is a desirable one for our house to use as an advertising medium is to ascertain if the paper, upon examination, has interest for me as a reader. I go through its columns carefully and consider what is being presented from month to month to its subscribers and readers, and then attempt to conceive of the kind of people who are likely to take the paper in order to obtain such information or such reading matter. I believe,' he continued, 'that this rule enables me to weed out many papers which have only a free circulation and some of those also which do not employ editors or which do not make any real attempt to take high rank as periodicals. When I find a paper that I think I could afford to pay for as a subscriber on account of the matter it contains, I am impressed with the idea that it circulates among a class that I can afford to pay for to reach with my advertisement.' The writer of this article considers this rule a good one for advertisers in general and commends it to the attention of his readers."

"What more can be asked of a trade paper than that it shall thoroughly cover its field? If everybody in the trade takes it, then enough take it, and an extra circulation would be a disadvantage."

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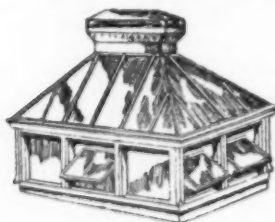
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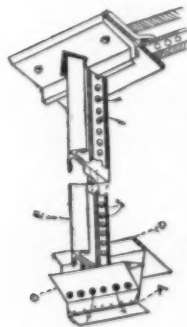
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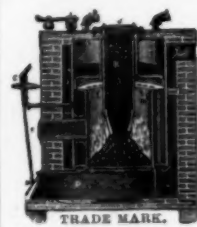
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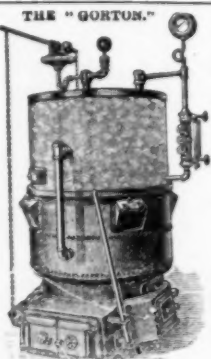
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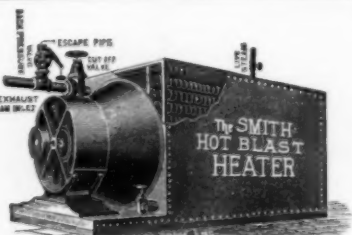


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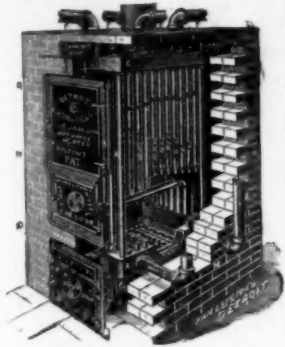
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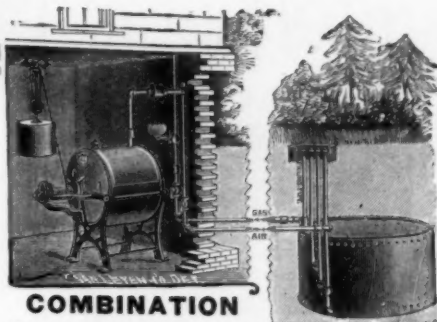


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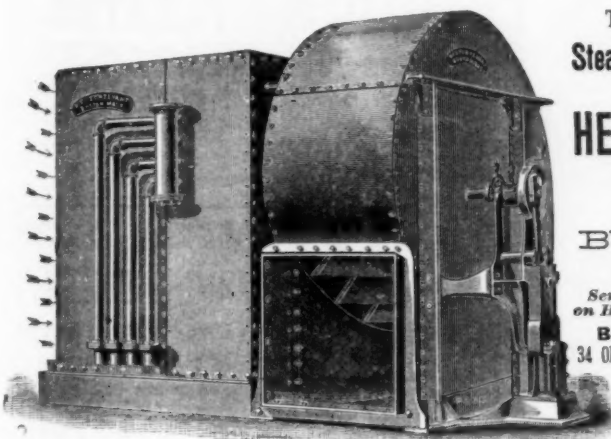
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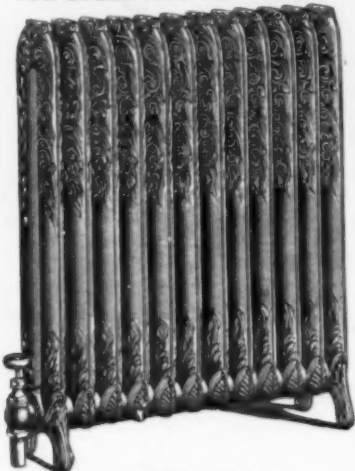


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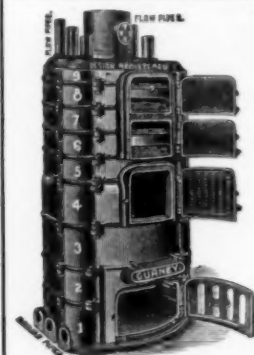
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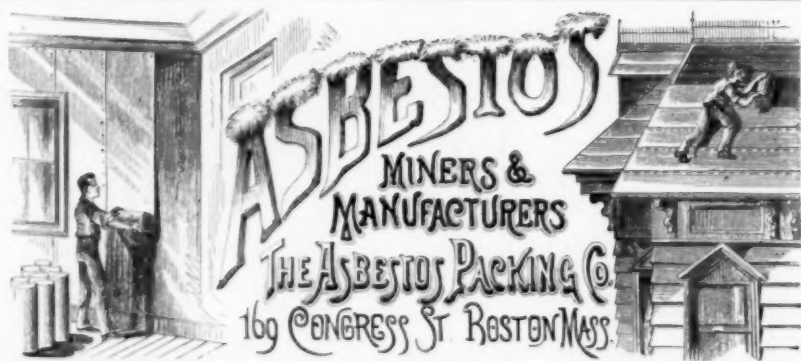
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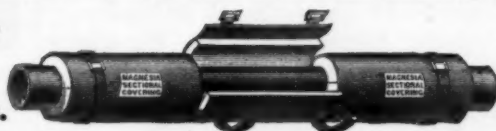
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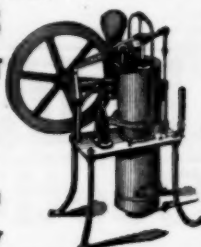
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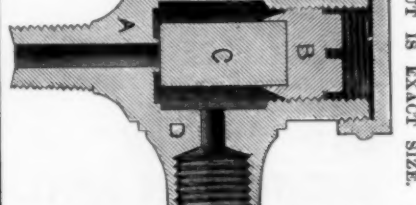
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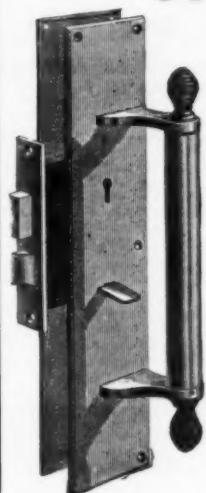
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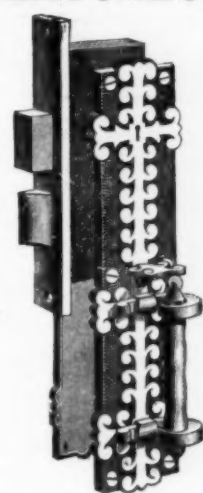
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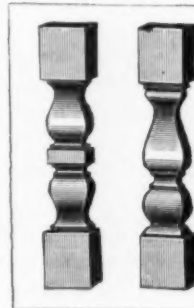
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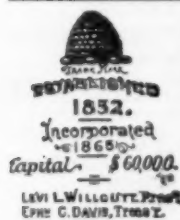
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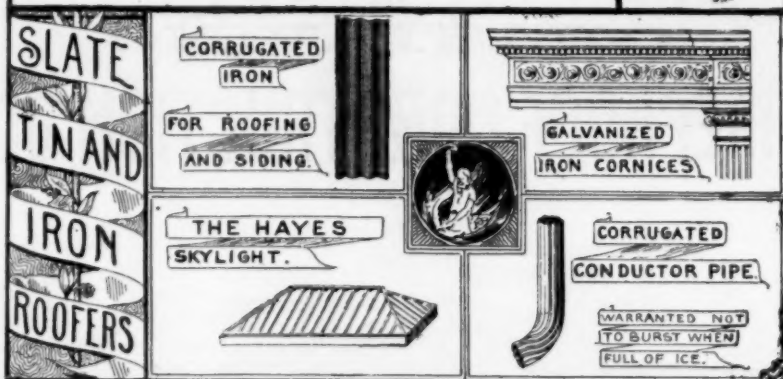
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J. S. Barker, two-sty flats, 4402 Langley Ave.; cost, \$3,000.
Mrs. Kate Uina, two-sty flats, 874 West Nineteenth St.; cost, \$3,700.
Frank Andrews, two-sty flats, 6142 Carpenter St.; cost, \$1,500.
I. Protrejki, two-sty flats, Laflin and Fifty-first Sts.; cost, \$1,800.
Mary Corcoran, three-sty flats, 180 Peoria St.; cost, \$6,000.
C. B. Fraser, three-sty flats, 441 Winchester St.; cost, \$5,500.
Alexander Charland, two-sty flats, Thirty-ninth St., near Archer Ave.; cost, \$1,800.
John Holmquest, two-sty flats, 6613 Green St.; cost, \$2,200.
S. Goodrick, two-sty flats, 1349 Park Ave.; cost, \$3,000.
M. Dervaa, two-sty flats, 39 West Ohio St.; cost, \$2,800.
T. Ruberg, two-sty flats, 1373 Taylor St.; cost, \$4,000.
C. Kessler, two-sty flats, 766 Fairfield St.; cost, \$3,000.
J. Intonski, three-sty flats, 863 West Seventeenth St.; cost, \$5,000.
John Meyer, two-sty flats, 1254 West Polk St.; cost, \$3,000.
Jane Cairnes, two-sty flats, 1220 Fulton St.; cost, \$2,800.
N. Authenridito, two-sty flats, Sixty-third and Aberdeen Sts.; cost, \$3,000.
G. Steele, two-sty flats, 6136 Morgan St.; cost, \$1,500.
McCalloch & Case, two-sty flats, Twenty-fifth and Wright Sts.; cost, \$7,000.
M. McMahon, two-sty flats, 3355 Paulina St.; cost, \$4,000.
Annie Pulford, two-sty flats, 4560 Butterfield St.; cost, \$5,000.
Alfred Nelson, three-sty flats, 751 Jones St.; cost, \$4,000.
Clard A. Carter, three-sty flats, 769 Elk Grove St.; cost, \$8,000.
L. C. Bowen, two four-sty flats, 103-104 Thirty-ninth St.; cost, \$19,000.
C. L. Swanson, two-sty flats, 156 Wilton St.; cost, \$3,000.
David Crozier, two-sty flats, 3615 Fifth Ave.; cost, \$3,500.
John Tabland, two-sty flats, 115 Sheffield Ave.; cost, \$2,400.
John A. Grazer, three-sty flats, 1065 Warren Ave.; cost, \$15,000.
Charles E. Follensbee, two two-sty flats, 4454-58 Sydney Ave.; cost, \$9,000.
J. S. Wells, flats, Swift and Ridge Aves.; cost, \$2,300.
Stephen Rozzey, two-sty flats, 942 Diversey Ave.; cost, \$1,500.
C. Payne, three-sty flats, 4205 Langley Ave.; cost, \$5,000.
Peter Duhamel, two-sty flats, 2189 Monroe St.; cost, \$2,300.
Frank Gozus, two-sty flat, 204 Hervey St.; cost, \$3,000.
Elex. A. Mark, two-sty flats, 530-532 Sixty-sixth St.; cost, \$3,800.
B. Hoefel, two-sty flats, 870 Racine Ave.; cost, \$2,500.
Mary Krieger, two-sty flats, 644 Belmont Ave.; cost, \$2,500.
August Stunzenski, two-sty flat, 331 Southport Ave.; cost, \$1,200.
Mary Scott, two-sty flat, Langley Ave.; cost, \$2,500.

Minneapolis, Minn.—J. G. Layman, three-sty block of flats, 2116 Cedar Ave.; cost, \$7,500.

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Philadelphia, Pa.—Catharine St., s s, w Second St.,

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Chicago

BUILDING INTELLIGENCE.

three-sty church; contractor, R. P. Bradley, 211 Duponceau St.
Twenty-eighth St., n w cor. Girard Ave., stone church; owners, The Congregation of the Zion German Presbyterian Church; contractor, Philip Haibach; architect, T. Frank Miller, 1221 Arch St.
Wilmington, N. C.—It is reported that the Baptists will build a new church, to cost \$25,000.
FACTORIES.
Camden, N. J.—Sixth St., s w cor. Mechanic St., two-sty factory; contractor, A. Stiles.
Chicago, Ill.—H. Cheneworth & Co., foundry, 1235-1241 Fillmore St.; cost, \$4,000.
Theodore Kocabe, five-sty factory, 168-172 Wells St.; cost, \$25,000.
S. V. Brundage & Sons, three-sty factory, 509-513 West Twenty-second St.; cost, \$4,000.
Philadelphia, Pa.—Washington St., s s, w Twentieth St., two-sty factory; owners, Phosphor Bronze Smelting Company, 512 Arch St.
Eighteenth St., n w cor. Pennsylvania Ave., two-sty brick spring factory; contractor, J. M. Charest, 413 North Eighteenth St.
Second St., w s, s Somerset St., four-sty factory; contractor, J. M. Anderson, 1321 South Eighteenth St.
HOTELS.
St. Louis, Mo.—Five-sty brick hotel; cost, \$18,500; owner, Harriet Boers; contractor, A. E. Cook.
HOUSES.
Baltimore, Md.—Jno. Evans, 6 two-sty brick buildings, w s Corley St., beg. s w cor. Dillon St.
Grace Baptist Church, three-sty stone and brick parsonage, n e cor. Caroline and Preston Sts.
Theo. Leimbach, 3 two-sty brick buildings, w s Eutaw St., n Fremont St.
Eleonore Obrecht, three-sty brick building, s w cor. Charles and West Sts.
Joseph F. Krauss, 6 two-sty brick buildings, n s Marianna St., bet. Pulaski and Smallwood Sts.
Isaac N. Cooper, 4 two-sty brick buildings, e s Duncan Alley, bet. Fayette and Orleans Sts.
F. Piran, three-sty brick building, n w cor. Jefferson St. and Madeira Alley.
Boston, Mass.—Mellen St., cor. Ocean St., Ward 24, frame dwell., 32' x 44'; owner, C. N. Mellen; builder, H. H. De Lorie.
Holmes Pl., No. 1, cor. Mill St., Ward 24, frame dwell., 29' x 37'; owner, Thomas White; builders, J. A. Vickery & Son.

BUILDING INTELLIGENCE.

Dracut St., No. 41, Ward 24, frame dwell., 21' x 43'; owner, Lizzie C. Burleigh; builder, W. B. Cunningham.
Whitman St., cor. Norfolk St., Ward 24, frame dwell., 15' x 38'; owner and builder, J. F. Haddock.
Sutherland Road, near Selkirk Road, Ward 25, three-sty frame dwell., pitch roof, 41' x 40'; owner, E. F. Woodworth; builder, G. D. Mitchell.
Aspen St., near Montrose St., Ward 21, frame dwell., 25' x 41.6'; owner, Mrs. E. Hunt; builder, C. A. Russell.
Blue Hill Ave., No. 240, Ward 20, three-sty frame dwell., flat roof, 20.4' x 48.6'; owner, John Kiley; builder, David Currier.
Humboldt Ave., near Crawford St., Ward 21, three-sty frame dwell., pitch roof, 39' x 42'; owner, Herman Helmers; builder, William Tobin.
Walnut Park, near Washington St., Ward 21, three-sty frame dwell., pitch roof, 29' x 32'; owners, Caroline Billings and W. N. Nolin; builder, William Tobin.
Market St., No. 70, Ward 25, three-sty frame dwell. and store, flat roof, 26' x 30'; owner, T. M. Roddy; builder, Dennis De Grace.
Howard Ave., June Wayland St., Ward 20, frame dwell., 25' x 38'; owner, J. D. Thompson; builder, W. R. Dixon.
Dewey St., cor. Danube St., Ward 20, frame dwell., 30' x 44'; owner, P. Herlihy; builder, Samuel Rantin.
Mercer St., No. 40, Ward 15, three-sty frame dwell., flat roof, 28' x 50'; owner and builder, S. H. L. Pierce.
Brooklyn, N. Y.—Arlington Ave., s s, 30' e Hendrix St., two-sty and attic frame dwell., tin roof; cost, \$3,000; owner, Isadora A. Warren, 2583 Atlantic Ave.; architect, A. J. Warren, 2583 Atlantic Ave.
Hemlock St., w s, 400' s Jamaica Ave., 3 two-sty frame dwell., tin roofs; cost, \$1,200 each; owner, Thomas J. Granger, 2507 Atlantic Ave.; architect, A. J. Warren, 2583 Atlantic Ave.
Chauncey St., s s, 225' e Ralph Ave., three-sty frame dwell., tin roof; cost, \$4,800; owner, Lawrence Logan, 225 Howard St.; architect, J. W. Dhuy, 798 Herkimer St.
Fifty-fourth St., s s, 235' w Fifth Ave., 2 two-sty frame dwell., tin roofs; cost, \$2,600 each; owner, Henry B. Brady, 394 Sixth Ave.; architects, H. L. Spicer & Sons, Third Ave. and Fifty-third St.
Walworth St., e s, 50' n Park Ave., three-sty brick dwell., tin roof; cost, \$6,000; owner, M. Gehan, on premises; architect, Henry Loeffler, Jr., 788 Myrtle Ave.

Madison St., n s, 280 e Broadway, 6 four-st'y frame dwells., tin roofs; cost, \$38,000; owners, Sperl & Kocher, 31 Suydam St.; architect, Th. Engelhardt, 905 Broadway.

Fourth St., s s, 37' 10" e Sixth Ave., 5 three-st'y brick dwells., tin roofs; cost, \$10,000 each; owners, Moses & Fanton, 176 Broadway, New York City; architect, R. L. Daus, 26 Court St.

Ashford St., e s, 225 s Ridgewood Ave., two-st'y frame dwell., shingle roof; cost, \$4,500; owner, Wm. Van Velsor, 70 South Fourth St.; architect, E. G. Vail, Jr., 1873 Atlantic Ave.

Seventeenth St., n s, 140' w Eighth Ave., 3 two-st'y frame dwells., tin roofs; total cost, \$10,000; owner, Mr. Henzel, 8 Jackson Pl.; architect, Chas. Braun, 724 Fifth Ave.

McDougal St., s s, 200' e Stone Ave., 4 three-st'y frame dwells., tin roofs; cost, \$4,200 each; owner, A. S. Walsh, 643 Madison St.; architects, A. Hill & Son, 1161 Fulton St.

Ashford St., e s, 200' s Ridgewood Ave., two-st'y frame dwell., shingle roof; cost, \$4,000; owner, T. F. Treadway, 131 East Seventeenth St., New York City; architect, E. G. Vail, Jr., 1873 Atlantic Ave.

Oxford St., e s, 102' 10" e Park Ave., 3 four-st'y brick dwells., tin roofs; cost, \$27,000; owner, Edward Viehmann, 106 Park Ave.; architect, J. W. Bailey, 66 Court St.

Eastern Parkway, s s, 63' 30" n Utica Ave., two-st'y brick dwell., slate and tin roof; cost, \$14,500; owner, Charles Willhelms, Fifth Ave. and Sixteenth St., New York City; architect, Charles P. H. Gilbert, 18 Broadway, New York City.

Warwick St., w s, 142' 60" n Eastern Parkway, two-st'y frame dwell., shingle roof; cost, \$3,250; owner and architect, E. R. Tichenor, 447 Gold St.

Chauncey St., s s, 325' e Stuyvesant Ave., 7 two-st'y brick dwells., tin roofs; cost, \$3,500 each; owner, Michael O'Mara, 167 North Fourth St.; architect, John E. Dwyer, 1540 Broadway.

Essex St., e s, 90' s Ridgewood Ave., 4 two-st'y frame dwells., tin roofs; cost, \$3,000 each; owner, Andrew Walker, 4174 Evergreen Ave.

Bleecker St., s s, 331' 40" w Knickerbocker Ave., 4 three-st'y frame dwells., tin roofs; total cost, \$12,000; owners, Coons & Montgomery, 634 Herkimer St.; architect, W. M. Coats, 26 Court St.

Seventh St., n s, 160' w Fourth Ave., 7 three-st'y brick dwells., gravel roofs; cost, \$4,000 each; owner, Charles E. Collins, 404 Ninth St.; architect, J. G. Glover, 186 President St.

Essex St., w s, 148' 50" s Fulton Ave., 3 two-st'y frame dwells., tin roofs; cost, \$2,200 each; owner, Daniel Laird, Essex St., near Fulton Ave.; architect, Charles Infanger, 68 Van Sien Ave.

Halsey St., s s, 80' s w Central Ave., 14 two-st'y frame dwells., tin roofs; cost, \$3,000 each; owners, architects and builders, Cozine & Gascoine, 1225 Bushwick Ave.

Eldert St., n s, 280' n e Bushwick Ave., 4 two-st'y frame dwells., tin roofs; cost, \$3,000 each; owners, architects and builders, Cozine & Gascoine, 1225 Bushwick Ave.

Seventeenth St., n s, 140' w Eighth Ave., 3 two-st'y frame dwells., tin roofs; total cost, \$6,500; owner, Simon Heuchel, 8 Jackson Pl.; architect, Charles Braun, 724 Fifth Ave.

Linwood St., e s, 205' 41" s Fulton Ave., 2 two-st'y frame dwells., tin roofs; cost, \$2,200 each; owner, Balhauer Kruger, Norwick St., cor. Liberty St.; builder, Frederick Eiernann, Ridgewood Ave., near Shepard Ave.

Camden, N. J.—Eighth St., s s, a Kaighn's Ave., two-st'y brick dwell.; contractor, C. Hudson, 1315 Broadway.

Central St., No. 666, two-st'y frame building; owner, William Patton, Eighth St., ab. Central St.

Cooper St., No. 501, one-st'y frame dwell.; owner, D. J. Pancoast, 503 Cooper St.

Seventh St., cor. Sylvan St., two-st'y frame dwell.; owner, Frederick Spring, Jackson St., bet. Broadway and Ferry Road.

Sixth St., cor. Jefferson St., two-st'y brick dwell.; contractor, Giff rd Stubbs, 1909 South Sixth St.

Federal St., No. 521, two-st'y brick dwell.; owner, John Corbitt, 915 South Fifth St.

Chicago, Ill.—Mary Sullivan, two-st'y dwell., 3241 Prairie Ave.; cost, \$7,000.

C. Snashall, 2 two-st'y dwells., 4114-16 Langley Ave.; cost, \$5,000.

J. J. Lancaster, 3 two-st'y dwells., 4322-24 St. Laurence Ave.; cost, \$7,000.

John Flay, two-st'y dwell., 5803 Peoria St.; cost, \$1,500.

Charles Busher, two-st'y dwell., 2194 Joseph St.; cost, \$1,900.

Dr. F. S. Bridwell, two-st'y dwell., 481 Ashland Ave.; cost, \$8,000.

Joseph Stein, three-st'y dwell., 3635-37 Forrest Ave.; cost, \$8,000.

Barry Bros., 4 three-st'y dwells., 4241-47 Drexel Boulevard; cost, \$32,000.

Anton Delphose, 2 three-st'y dwells., 4419-21 Ellis Ave.; cost, \$18,000.

Harvey Lumber Co., two-st'y dwell., 5536 Monroe Ave.; cost, \$5,000.

H. H. Field, two-st'y dwell., 4826 Kimbark Ave.; cost, \$10,000.

C. C. Van Order, two-st'y dwell., 827 Emerald Ave.; cost, \$1,500.

W. H. Hettle, two-st'y dwell., Fifty-second St., near Halsted St.; cost, \$1,500.

Albert Fuchs, two-st'y dwell., 2061 Halsted St.; cost, \$2,500.

P. Becker, 3 two-st'y dwells., Forty-ninth St. and Ellis Ave.; cost, \$8,000.

George A. Severans, three cottages, 1322, 1336 and 1340 Richmond Ave.; cost, \$2,100.

W. W. Kimball, 2 three-st'y dwells., 1803-05 Prairie Ave.; cost, \$50,000.

J. F. Nash, three-st'y dwell., 3982 Wright St.; cost, \$3,500.

E. B. Merritt, three-st'y dwell., 4546 Oakenwald Ave.; cost, \$5,000.

D. Duninaber, 2 two-st'y dwells., Austin Ave., near Laurence Ave.; cost, \$3,400.

J. G. Jones & Co., two-st'y dwell., 1006 Warren Ave.; cost, \$5,000.

Henry Wood, 2 two-st'y dwells., 3633, 3634 Prairie Ave.; cost, \$30,000.

Rudolph Sallie, two-st'y dwell., 952 West Adams St.; cost, \$3,500.

J. Schuster, two-st'y dwell., 432 Webster St.; cost, \$7,000.

John C. Hearting, two-st'y dwell., Jackson St., near Fortieth St.; cost, \$2,000.

J. C. Bufeld, 2 two-st'y dwells., 479-481 Bowen Ave.; cost, \$10,000.

John P. Jonson, two-st'y dwell., 1549 Otto St.; cost, \$2,000.

W. R. Reed, 2 two-st'y dwells., Sixty-sixth and Wright Sts.; cost, \$5,000.

Edward Fritch, two-st'y dwell., 1255 Wolcott St.; cost, \$3,200.

J. L. Cochran, two-st'y dwell., Goodwin St., near Grant Pl.; cost, \$5,000.

Patrick Bush, cottage, 5223 Atlantic St.; cost, \$1,000.

Elizabeth Lutz, cottage, 6221 Peoria St.; cost, \$1,000.

Negal & Josef, two cottages, 20 and 61 Counters St.; cost, \$2,000.

Henry Hoepe, three cottages, 89 Courtland and 901-903 Dudley Sts.; cost, \$3,000.

T. Unick, cottage, 1012 Escanaba Ave.; cost, \$1,000.

F. T. Lacker, two-st'y dwell., 4500 04 Greenwood Ave.; cost, \$9,000.

Charles Klang, cottage, 137 Emo St., cost, \$1,300.

Julia A. Ryan, two-st'y dwell., 2436 Adams St.; cost, \$2,000.

A. Norman, cottage, 785 Maplewood Ave.; cost, \$1,300.

John Lelavice, four cottages, 1098-1104 Turner Ave.; cost, \$3,000.

Minneapolis, Minn.—R. G. Winter, frame dwell., cor. Hennipen and Dupont Aves.; cost, \$5,000.

T. F. Healy, frame dwell., 2913-15 Fourth Ave., s; cost, \$4,500.

T. H. Edmonds, frame dwell., 1511 Chestnut Ave.; cost, \$5,000.

Philadelphia, Pa.—Sixth St., w s, s Leigh Ave., two-st'y dwell.; contractor, George Mander, Oak Lane.

Twenty-seventh St., e s, n Fletcher St., two-st'y brick dwell.; contractor, James H. Young, 1902 South College Ave.

Clairborn St., e s, n Norris St., two-st'y brick dwell.; contractor, Michael Heim, 2533 Alleghany Ave.

South Broad St., No. 1325, brick dwell.; contractor, James H. Hamilton, 1502 Bainbridge St.

Kaufman St., e s, s Marriott St., three-st'y dwell.; contractor, George Manlerfield, 311 Marriott St.

E. Ave., s South Eightieth St., two-st'y dwell.; owner, Patrick Horan, Clearview.

Linmore St., e s, e Forty-second St., 15 two-st'y dwells.; owner, J. C. Moore, 4201 Walnut St.

Fitzwater St., No. 117, two-st'y brick dwell.; contractor, James H. Hamilton, 1402 Bainbridge St.

Warnock St., w s, n Indiana St., 3 two-st'y dwells.; contractor, William Jetter, 2228 Franklin St.

Chelten Ave., w s, e Main St., 2 three-st'y dwells.; contractor, Joseph L. Carpenter, 252 High St.

Earlham St., n s, bet. Morris and Pulaski Sts., 16 three-st'y dwells.; contractor, Charles L. Loney, s w cor. Sixteenth St. and Erie Ave.

North Ninth St., No. 1751, two-st'y brick dwell.; contractor, W. T. Martin, 111 North Seventh St.

Forty-fifth St., e cor. Regent St., 16 three-st'y dwells.; owner, J. G. Ruff, 619 Cherry St.

Forty-second St., e s, s Powelton Ave., 7 two-st'y dwells.; owner, W. T. Suples, 1315 South Forty-ninth St.

Evergreen St., No. 2111, two-st'y brick dwell.; owner, Patrick Galahue, 2119 Evergreen St.

Nineteenth St., s e cor. Morris St., 4 three-st'y brick dwells.; owner, William A. Brown, 722 South Seventeenth St.

Springfield Ave., w s, s Forty-seventh St., 6 three-st'y dwells.; owner, Charles W. Budd, 1821 Spring Garden St.

Tree St., n and s s, e Fourth St., 14 two-st'y dwells.; owner, B. F. Slack, 2208 South Second St.

Jackson St., n s, w Fourth St., 12 two-st'y dwells.; owner, James Lilly, 2215 South Sixth St.

Chestnut St., s s, e Twenty-second St., 6 four-st'y dwells.; owner, J. M. Sharp, 1936 South College Ave.

Chestnut St., s e cor. Albion St., four-st'y dwell.; owner, J. M. Sharp, 1936 South College Ave.

Woodland Ave., e s, s Sixty-third St., two-st'y frame dwell.; contractor, Peter A. Broomall, Mount Moriah Lane.

Haverford Ave., No. 3518, three-st'y dwell.; contractor, M. D. Dougherty, 3826 Spring Garden St.

Gaul St., No. 2855, two-st'y brick dwell.; contractor, J. F. Moran, 260 Indiana Ave.

Vankirk St., e s, s Torridale, 2 three-st'y dwells.; owner, H. P. Castor, Torridale.

Germantown Ave., No. 4338, two-st'y brick dwell.; contractors, Conway Bros., cor. Eighteenth and Roberts Sts.

Rover St., e s, s Hartwell St., three-st'y dwell.; contractor, John Owens, 124 East Upsall St.

Acres St., n s, s Cherry St., 2 two-st'y brick dwells.; contractor, Thomas Rush, 4938 Mulberry St.

Salmon St., e s, n Orthodox St., two-st'y dwell.; contractors, Breininger & Ploucher, 4545 Salmon St.

Washington St., n s, w Torridale St., three-st'y dwell.; owner, P. E. Costello, Tacony.

Tyson St., n e cor. Hagerman St., three-st'y dwell.; contractor, P. E. Costello, Tacony.

Somerville, Mass.—Ashland St., frame dwell., 26' x 40'; owner, M. W. Wilde; builder, F. B. McCabe.

Bonair St., frame dwell., 21' x 30', with L, 6' x 18'; builder, Jeremiah O'Brien.

Billingham St., frame dwell., 24' x 32'; owner, Wm. Dunning; builder, Daniel E. Robbins.

Jenny Lind Ave. ext., frame dwell., 25' x 43'; owner, Emma F. Hutchinson; builder, Llewellyn W. Hutchinson.

Albion St., frame dwell., 24' x 28', with L, 16' x 18'; owner, Miss Minnie Bosworth; builder, A. M. Godfrey.

Montrose St., frame dwell., 24' x 28'; owners, A. A. Ball and John W. Prevost; builder, John W. Prevost.

Dickinson St., two frame dwells., each 22' x 30', with L's, 14' x 18'; owner and builder, James Elston.

Holland St., cor. James St., frame dwell., 28' x 52'; owner, Miss Abby P. Simpson; builder, I. B. Phinney.

Joseph St., cor. Adrian St., frame dwell., 23' x 46'; owner, Francis Meehan; builders, J. L. & C. L. Simons.

Joseph St., frame dwell., 25' x 49'; owner, Thos. A. Cunningham; builder, James Mathews.

Summer St., near Central St., frame dwell., 28' x 42', and stable, 22' x 28'; owner, Edward C. Knapp.

Knapp St., three frame dwells., each 27' x 44'; owner and builder, Elmer N. Hutchins.

Heath St., cor. Bond St., double frame dwell., 33' x 56'; owner, Robert Duddy; builder, John K. Ricker.

St. Louis, Mo.—Two-st'y brick dwell.; cost, \$3,800; owner and contractor, Wm. J. Mitchell.

(Continued on page xx.)

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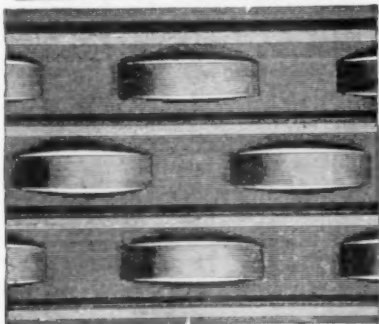


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BUILDING INTELLIGENCE.

Two-st'y brick dwell.; cost, \$3,525; owner, Edgar Mephram; contractor, Jacob Fisher.
Two-st'y brick dwell.; cost, \$3,000; owner, Frank Reizicke; contractor, F. Mueller.
Two-st'y brick dwell.; cost, \$2,600; owner, Gomer Evans; contractor, A. Wagner.
Two-st'y brick dwell.; cost, \$5,000; owner and contractor, Thos. Roach.
Two-st'y brick dwell.; cost, \$2,500; owner and contractor, Jas. Partung.
Two-st'y brick dwell.; cost, \$3,000; owner, Rich. Walsh; contractors, Anderson Bros.
Three-st'y brick dwell.; cost, \$4,000; owner, Mrs. Koken; contractor, Louis Mortfeld.
Two-st'y brick dwell.; cost, \$3,000; owner and contractor, F. W. Koenig.
Two-st'y brick dwell.; cost, \$3,000; owner, C. Amelise; contractor, H. L. Brockmeyer.
Two two-st'y brick dwell.; cost, \$20,000; owner, J. A. McGuinness; contractor, T. C. Higgins.
Two-st'y brick dwell.; cost, \$5,500; owner, B. L. Slack; contractor, J. J. Wharton.
Two-st'y brick dwell.; cost, \$4,750; owner and contractor, Wm. Froesser.
Three two-st'y brick dwell.; cost, \$10,200; owners W. P. & F. Provenchero; contractor, M. Kerkwood.
Three-st'y brick dwell. and store; cost, \$2,500; owner, James Ruane; contractor, C. B. McCormack.
Five adjacent two-st'y brick dwell.; cost, \$13,000; owner and contractor, A. Neglicht.
Two-st'y brick store and dwell.; cost, \$5,000; owner, G. Blair; contractor, D. G. Hughes.
Two-st'y and mansard brick dwell.; cost, \$2,500; owner, George Gens; contractors, Wm. Rieve & Son.

OFFICE-BUILDINGS.

Philadelphia, Pa. — Arch St., No. 1610, two-st'y office-building; contractor, J. J. Galahue, 1720 Taney St.
Eleventh St., s w cor. Coloma St., two-st'y office-building; owners, The Tenth and Eleventh St. Pas-

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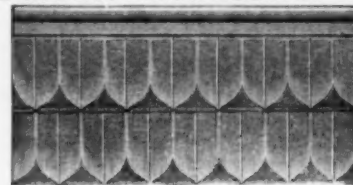
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STABLES.

Boston, Mass. — 4 St., near Richards St., Ward 13, three-st'y brick stable, flat roof, 38' x 90'; owners, Handy & Waterhouse; builder, M. D. Safford.

Brooklyn, N. Y. — Bergen St., s e, 200' e Nostrand Ave., two-st'y brick stable, tin and slate roof; cost, \$6,000; owner, John Hillis, 299 Green Ave., Brooklyn; architect, George P. Chappell, 24 State St., N. Y. City.

Camden, N. J. — Spencemore St., ab. Camden and Atlantic R. R., one-st'y brick stable; owner, Gustav Glander, 1121 Orchard St.

Atlantic and Third Sts., one-st'y frame stable; owner, Daniel Myers, Third and Mechanic Sts.

Mechanic St., No. 459, rear, two-st'y brick stable; owner, Amanda Butcher, 459 Mechanic St.

Chicago, Ill. — Chicago City Railway Co., two-st'y car-barn, Thirty-ninth and Wallace Sts.; cost, \$40,000.

C. Tillotson, barn, 1920 Wellington St.; cost, \$1,500.

BUILDING INTELLIGENCE.

N. H. Colvin, two-st'y barn, 4001-09 Ellis Ave.; cost, \$3,000.

Somerville, Mass. — Fitchburg St., No. 13, frame stable, 15' x 20'; owner, John Crowley; builder, Mr. Colbath.

Melvin St., frame stable, 16' x 20'; owner and builder, Frederic A. Chandler.

Freston St., No. 20, frame stable, 22' x 24'; owner, George W. Ireland; builder, Samuel Percy.

Pulnam St., No. 62, frame stable, 18' x 19'; owner, Nathan A. Taylor; builder, Charles Crocker.

Highland St., No. 403, frame stable, 24' x 30'; owner, S. Maria Ayres; builder, Clarence Hunter.

STORES.

Brooklyn, N. Y. — Greene Ave., s w cor. Hamburg Ave., 4 three-st'y frame stores and dwells., tin roofs; cost, \$15,000; owner, George Covert, cor. Willoughby and Lewis Aves.; architect, Henry Loeffler, 788 Myrtle Ave.

Bushwick Ave., n w cor. Van Voorhis St., 3 three-st'y frame stores and dwells., tin roofs; cost, \$16,000; owner, Phillip Steingotter, 1371 Bushwick Ave.; architect, Th. Englehardt, 906 Broadway.

Broadway, n e cor. Cornelia St., four-st'y brick store and dwell., tin roof; cost, \$9,000; owners and builders, Adam Kaiser & Co., 1429 Broadway; architect, Henry Vollweiler, 486 Hart St.

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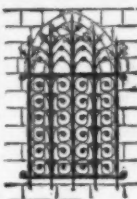


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W. H. Thomas & Son, 2 three-st'y stores and flats,
1627-29 Van Buren St.; cost, \$16,000.
H. Stillwell, three-st'y store and flats, 2621-23
Wentworth Ave.; cost, \$8,500.
L. A. Brucks, 2 three-st'y stores and flats, 5631-33
Wentworth Ave.; cost, \$12,000.
Frank Kraus, three-st'y store and flats, 419 Ogden
Ave.; cost, \$5,500.
A. V. Riley, two-st'y store and flats, 5501 Atlantic
St.; cost, \$2,000.
Albert Polley, three-st'y stores and flats, 901 Bel-
mont Ave.; cost, \$5,000.
Peter Neihofen, two-st'y stores and flats, Western
Ave. and Fifty-seventh St.; cost, \$2,000.
James F. Stevens, four-st'y stores and flats; cost,
\$14,000.
S. A. Thompson, three-st'y stores and flats, 376
North Clark St.; cost, \$13,000.
John Taft, 2 two-st'y stores and flats, 5758-60
Halsted St.; cost, \$13,000.

Philadelphia, Pa.—Woodland Ave., w s s, a Sixty-
second St., two-st'y store and dwell.; owner, E.
Speakman, 6217 Woodland Ave.
Wakefield St., n w cor. Mechlin St., three-st'y
store and dwell.

Woodland Ave., e s, n Seventy-third St., three-
st'y store and dwell.; contractor, John Welsh,
Seventieth St. and Woodland Ave.

Nineteenth St., n w cor. Moore St., two-st'y store;
owner, Andrew Reiter, 1248 South Nineteenth St.

Eighth St., w s, s Arch St., four-st'y store; con-
tractors, Beck & Comly, 115 North Seventh St.

Linmore St., s s, e Forty-second St., two-st'y store;
contractor, J. C. Moore, 420 Walnut St.

St. Louis, Mo.—Three-st'y brick store; cost, \$6,000;
owner, H. A. Hoenesler; contractor, A. Wagner.
One-st'y brick store; cost, \$2,500; owner, C.
Brockelbrink; contractors, Holland Bros.

TENEMENT-HOUSES.

Minneapolis, Minn.—S. Ahlman, two-st'y brick
vener tenement, 2013-17 Eighteenth Ave., s; cost,
\$9,500.

New York, N. Y.—One Hundred and Sixteenth St.,
s s, 125 w Manhattan Ave., 3 five-st'y brick tenement,
metal roofs; cost, \$60,000; owner and architect,
Thos. P. Dunne, 68 West Ninety-ninth St.

Adams Ave., n w cor. Kings Bridge Road, four-st'y
tenement, tin roof; cost, \$12,000; owner, Henry
Henneke, n w cor. Washington Ave. and One Hun-
dred and Seventy-first St.; architect, J. J. Vreeland,
1931 Washington Ave.

Somerville, Mass.—Laurel St., cor. Park Pl., three-
st'y frame tenements, 41' x 14', flat roof; owner and
builder, Benjamin F. Robinson.

St. Louis, Mo.—Two-st'y brick tenement; cost,
\$5,000; owner, D. McAuliffe; contractors, E. & J.
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Broadway, e s, 20' n Cornelia St., four-st'y brick
store and dwell., tin roof; cost, \$8,000; owners and
builders, Adam Kaiser & Co., 1489 Broadway; archi-
tect, Henry Vollweiler, 486 Hart St.

Watkins St., e s, 125' n Belmont Ave., three-st'y
frame store and dwell., tin roof; cost, \$3,300; owner,
Solomon Wolff, cor. Belmont Ave. and Watkins St.;
architect, A. J. Warren, 2583 Atlantic Ave.

Ewen St., w s, 50' s of Siegel St., four-st'y frame
store and dwell., tin roof; cost, \$6,000; owner, Lisa
Landmann, 53 Ewen St.; architect, Th. Engelhardt,
905 Broadway.

Roebling St., w s, 25' n North Fifth St., four-st'y
frame store and dwell., tin roof; cost, \$4,000; owner,
William Wendell, North Fifth and Roebling Sts.;
architect, H. Vollweiler, 486 Hart St.

North Fifth St., n w cor. Roebling St., four-st'y
frame store and dwell., tin roof; cost, \$5,000; owner,
Ludwig Feldman, North Fifth and Roebling Sts.;
architect, H. Vollweiler, 486 Hart St.

Moore St., n s, 25' e Leonard St., four-st'y frame
store and dwell., tin roof; cost, \$6,500; owner, A.
Barash, 178 Kingsland Ave.; architect, H. Vollweiler,
486 Hart St.

Siegel St., n s, 100' e Leonard St., 4 four-st'y frame
stores and dwells., tin roofs; cost, \$6,500 each;
owner, A. Barash, 178 Kingsland Ave.; architect,
H. Vollweiler, 486 Hart St.

Chicago, Ill.—E. Gessler, 6 two-st'y stores and flats,
791-801 Rockwell St.; cost, \$18,000.

M. Freduke, two-st'y store and dwell., Archer
Ave., near Thirty-ninth St.; cost, \$1,500.

Mrs. M. Hern, three-st'y store and flats, 763 West
Indiana St.; cost, \$5,000.

John Kusasek, four-st'y store and flats, 659 Dick-
son St.; cost, \$15,000.

Lewis Nathan, four-st'y store and flats, 609 Blue
Island Ave.; cost, \$8,000.

John Bishal, 4 two-st'y stores and dwells., 3854-62
Archer Ave.; cost, \$4,500.

Neill & Manbuke, 3 three-st'y stores and flats,
5629-24 Halsted St.; cost, \$18,000.

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Martha Schmitz, three-st'y stores and flats, 1531
Lincoln Ave.; cost, \$8,000.

W. S. Hussander, three-st'y store and flats, 1980
Halsted St.; cost, \$7,500.

Frank Dubrod, three-st'y store and flats, 917-919
Matterson St.; cost, \$11,000.

A. G. Weise, three-st'y store and flats, 3559 Win-
throp Ave.; cost, \$3,800.

August Uhllein, 3 four-st'y stores and flats, Hal-
sted and Sixty-third Sts.; cost, \$20,000.

Joseph Biel, two-st'y store and flats, 3401 Ashland
Ave.; cost, \$5,000.

J. L. & M. M. Swan, 5 three-st'y stores and flats,
5610-20 Halsted St.; cost, \$25,000.

Mathias Schmitz, three-st'y store and flats, 1153
Lincoln Ave.; cost, \$8,000.

B. Kroth, three-st'y stores and flats, 291 Lincoln
Ave.; cost, \$8,000.

John Welveritz, four-st'y store and flats, 224
North Ave.; cost, \$10,000.

De Custer & Clark, store, 395 Dearborn St.; cost,
\$1,800.

M. Dillenburgh, two-st'y store and flats, 1509
Fifty-first St.; cost, \$2,000.

P. Siskak, four-st'y store and flats, 722 West
Twelfth St.; cost, \$20,000.

J. J. Voltar, four-st'y store and flats, 408 Eigh-
teenth St.; cost, \$12,000.

James Mowatney, two-st'y store and flats, 427
West Eighteenth St.; cost, \$6,000.

S. Bateman, three-st'y store and dwell., 237 North
Ave.; cost, \$9,000.

O. Jens, three-st'y store and flats, 228 Hudson
Ave.; cost, \$4,000.

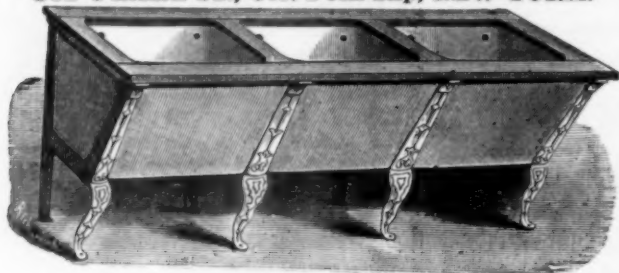
John Steinbeck, four-st'y stores and flats, 113
West Eighteenth St.; cost, \$7,000.

P. N. Georges, 5 three-st'y stores and flats, 6810-18
Wentworth Ave.; cost, \$45,000.

Dr. Karmann, three-st'y store and flats, 6848
South Halsted St.; cost, \$10,500.

Mark Nathan, two-st'y stores and hall, O'Brien
and Jefferson Sts.; cost, \$30,000.

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Patrick Reilly, three-story brick warehouse, e s Jasper St., rear s e cor. Franklin St.

Minneapolis, Minn. — Wood & Morse, six-story brick warehouse, 324-328 North First St.; cost, \$4,500.

St. Louis, Mo. — Two-story brick warehouse; cost, \$10,000; owner, Henry Bischoff; sub-let.

MISCELLANEOUS.

Baltimore, Md. — Miss Hannah Bell will build a three-story brick laundry, rear e s Madison Ave., bet. Hoffman and Dolphin Sts.

Chicago, Ill. — Gottfried Brewing Co., three-story malt-house, 91-95 Alexander St.; cost, \$45,000.

North American Provision Co., three-story smoke-house, Packers Ave., near Forty-fourth St.; cost, \$2,300.

Swift & Co., three-story wool-house and one-story engine-house, Forty-second St., near Ashland Ave.; cost, \$8,000.

Of course the season has now arrived when outdoor work is liable to be interfered with by bad weather, and new work postponed until spring. The corner-stone of the great Masonic Temple has been laid, and also that for the Women's Central Temperance Union's great building, and also work on foundation of the Newberry Library is progressing, and all are buildings of rather more than immediately local interest.

Minneapolis, Minn. — Herzog Mfg. Co., brick machine-shop and foundry, cor. Seventh Ave., s e, and Second St.; cost, \$30,000.

Philadelphia, Pa. — Kip St., w s, n Ontario St., one-story slaughter-house; contractor, Joseph S. Hagan, 2941 North Third St.

Fifth St., s e cor. Sedgely Ave., two-story brick building for office and stable; contractor, W. C. Merritt, Fortieth and Poplar Sts.

South Forty-second St., No. 578, one-story conservatory; contractors, A. J. Moseley & Sons, 1031 South Fifty-first St.

Clearfield St., n s, e Broad St., two-story bottling-house; contractor, J. M. Anderson, 1321 South Broad St.

BUILDING INTELLIGENCE.

Mercer St., e s, s Oxford St., one-story shop; contractor, W. P. Wright, 1522 North Twelfth St.

Westmoreland St., n s, w Ninth St., four-story tannery; contractor, Benj. Walker, 3953 Germantown Ave.

Passyunk Ave., two-story restaurant; owner, Frank Johnson, 1334 South Tenth St.

The Philadelphia & Reading R. R. will build 2 one-story brick and stone repair shops near Wayne Junction.

Frankford Ave., w s, n Ontario St., bath; contractor, H. J. Klose, 3434 Frankford Ave.

Woodland Ave., w Seventy-first St., one-story mansard roof; contractor, Charles Bonsall, Darby, Delaware Co., Pa.

Walnut St., No. 4029, bay-window; contractors, Henderson, Eckert & Co., 2063 Porcelain St.

Jarvis St., n s, w Lancaster St., Ward 1, two-story back building; contractor, D. J. Dunbar, 1517 South Second St.

Second St., e s, n Jarvis St., two-story back building; contractor, D. J. Dunbar, 1517 South Second St.

Juniper St., s w cor. Vine St., mansard roof, kitchen and bay; contractor, Wm. P. Fogg, 114 North Thirteenth St.

Portsmouth, N. H. — Greenhouse for H. Fisher Eldredge; architects, Longfellow, Alden & Harlow, Boston.

Somerville, Mass. — Frost Ave., three brick shops, 55' x 100', with L's, 35' x 55'; owner, American Tube Works.

St. Louis, Mo. — Two-story brick police station; cost, \$3,500; owner, Police Board; contractor, H. Hasinger.

Two-story brick planing-mill; cost, \$10,000; owners and contractors, Lohse Pat. Door Co.

Five-story brick stock-house; cost, \$30,000; owners, Anheuser-Busch Brewing Co.; sub-let.

PROPOSALS.

November 15, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 10th day of December, 1890, for all the labor and material required for the approaches

COL. GEORGE E. WARING, JR., C. E. etc., in his recent work on Sewerage and Land Drainage, in speaking of traps liable to siphonage, says: "the best remedy would be to supply the defective traps at their summits with McClellan's Mercury Seal-Trap Vent, a perfectly safe device, of little cost, simple and easy of application, and sure to supply air when needed."

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to the United States Court-house, Post-office and Custom-house at Vicksburg, Miss., in accordance with the drawing and specification, copies of which may be had on application at this office or the office of the Superintendent at Vicksburg, Miss. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time herein stated for opening the same; also, all bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Approaches to the United States Court-house, Post-office and Custom-house at Vicksburg, Miss., and addressed to JAS. H. WINDRIM, Supervising Architect. 779

November 17, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 9th day of December, 1890, for all the labor and material, and fixing in place complete, the low-pressure, return-circulation, steam-heating and ventilating apparatus for the United States Court-house, Post-office, etc., building at Augusta, Ga., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Augusta, Ga. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Low-pressure, Return-circulation, Steam-heating and Ventilating Apparatus for the United States Court-house, Post-office, etc., building at Augusta, Ga.," and addressed to JAS. H. WINDRIM, Supervising Architect. 779

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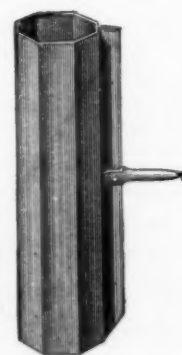


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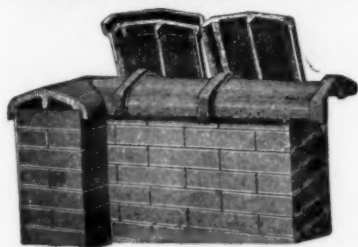
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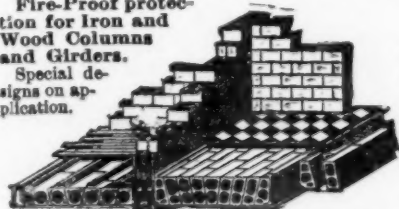
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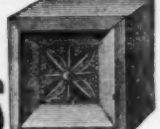
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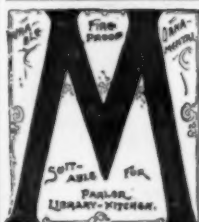
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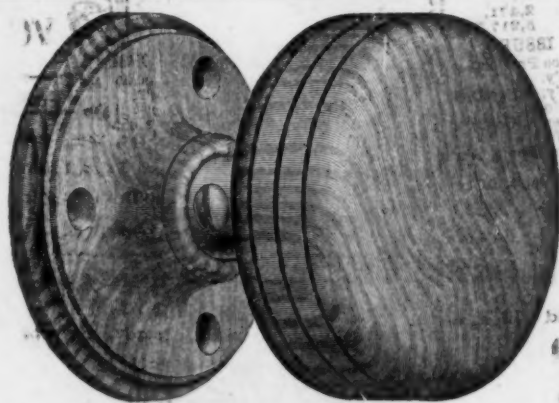


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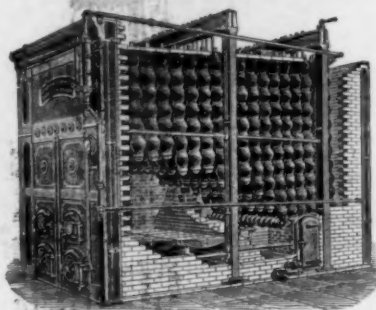
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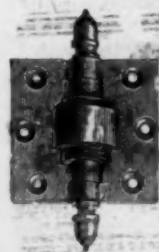
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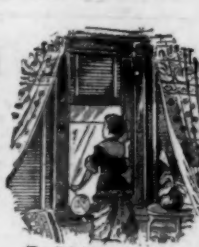
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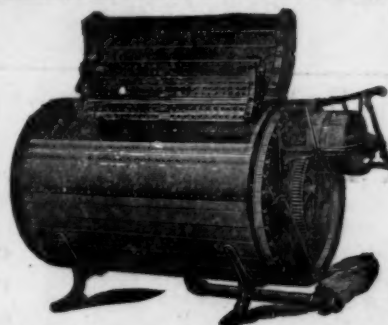
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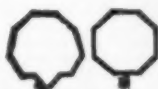
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[From the London IRONMONGER, February 13, 1886.]

STAMPING WASTER TIN PLATES.

1886

It will be very interesting to note whether or not the tin plate manufacturers of South Wales will largely follow the example of W. Gilbertson & Co., in declining to stamp waster tin plates. This company now stamp their "Old Method" plates after the tinning process has been completed, and they only stamp such plates as are critically adjudged to be "perfecta." They stamp no wasters with the above brand, and announce that no wasters of their production will, with their knowledge or sanction, be sent to the United States, but will be disposed of in England under some other mark. From the first portion of this arrangement there can be no dissent, and it ought to secure for W. Gilbertson & Co.'s brand a high reputation and a large sale in the United States. The wisdom of the plan thus adopted is so obvious that we might expect it to be generally adopted in the tin plate trade, yet the sinuosities and subtle intricacies of that business are so numerous and confusing that such a result is highly improbable. Deceptions and "juggles" by means of wasters are so profitable to many of the merchants and dealers that they will probably resist any such change, whilst the speculators, of course, will oppose any alteration which would be likely to simplify the business or to limit their opportunities for "housucing" both buyers and sellers. A good example has been set in this instance, however, and we hope that some, at least, of the manufacturers will have sufficient backbone to follow suit.

1890

The above article was published in the London Ironmonger, February 13, 1886. Up to the present time November 1, 1890, the makers of most other plates have not had the "backbone" to follow the example of W. Gilbertson & Co., who, at the request of Merchant & Co., stopped the stamping and shipment of waster plates.

It is for this reason that Merchant & Co. have, and are still requesting architects to drop their brands from their specifications, rather than to specify them with other brands the wasters of which can be had, and which on account of their inferiority, are unfit for use on any building.

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Yellow pine.....

Cypress.....

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Pine.....

Spruce.....

Framing Timber:

Pine.....

Spruce.....

Hemlock.....

Yellow pine.....

Laths:

Pine.....

Spruce.....

Shingles:

Pine, shaved.....P. M.....

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Oak, red.....

" white.....

" quartered.....

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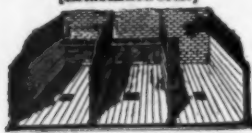
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14 13 1/4 @ 14	13 00 @ 25 00	Not sold.	16 00 @ 20 00
20 @ 40	13 00 @ 15 00	12 @ 12 00	11 25 @ 13 50
	25 00 @ 35 00	29 00 @ 37 00	14 00 @ 29 00
	32 00 @ 40 00		@ 35 00
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		25 00 @ 40 00	
		Not sold.	14 00 @ 25 00
		12 00 @ 15 00	25 00 @ 37 00
14 00 @ 18 00	15 50 @ 20 00	Not sold.	16 00 @ 18 00
12 00 @ 16 00	14 00 @ 16 00	10 00 @ 13 00	13 00 @ 1 00
18 00 @ 21 00	24 00 @ 35 00		22 00 @ 28 00
		2 10 @ 2 25	2 75 @ 3 00
2 25 @ 2 30	2 25 @ 2 50	Not sold.	2 30 @ 3 00
5 00 @ 6 00		Not sold.	
4 00 @ 5 00		2 20 @ 3 00	
1 50 @ 2 00	1 50 @ 00	Not sold.	
1 40 @ 1 60	3 75 @ 4 00	6 00 @ 7 50	30 00 @ 40 00
		Not sold.	24 00 @ 31 00
	2 00 @ 4 00	2 00 @ 2 35	30 00 @ 35 00
18 00 @ 20 00	5 00 @ 6 00	3 50 @ 4 00	11 00 @ 14 00
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8 00 @ 10 00	10 00 @ 18 00	P. 10 00 @ 18 00	9 00 @ 13 00
	25 00 @ 50	9 @ 21	4 00 @ 1 25
	25 @ 50	Not sold.	20 @ 36
45 00 @ 50 00	45 00 @ 60 00	20 00 @ 40 00	30 00 @ 40 00
40 00 @ 60 00	85 00 @ 120 00	80 00 @ 103 00	100 00 @ 130 00
	60 00 @ 70 00	50 00 @ 60 00	70 00 @ 80 00
	50 00 @ 60 00		
	150 00 @ 180 00	150 00 @ 200 00	150 00 @ 250 00
	120 00 @ 350 00	200 00 @ 250 00	200 00 @ 400 00
45 00 @ 50 00	45 00 @ 50 00	18 00 @ 35 00	25 00 @ 55 00
	50 00 @ 50 00	32 00 @ 40 00	45 00 @ 55 00
	50 00 @ 55 00	22 00 @ 40 00	45 00 @ 55 00
	65 00 @ 80 00	45 00 @ 50 00	60 00 @ 75 00
	50 00 @ 65 00	35 00 @ 50 00	57 00 @ 55 00
65 00 @ 70 00	50 00 @ 75 00	35 00 @ 50 00	60 00 @ 65 00
60 00 @ 70 00	60 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
	32 00 @ 35 00		
125 00 @ 150 00	80 00 @ 120 00	55 00 @ 100 00	50 00 @ 17 00
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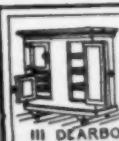
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Common: Cargo float.				
Pale.....	2 75 @ 3 25	Eastern 9 00 @ 10 00	Building Brick @ 6 50	Sq. Hard @ 9 00
Jersey.....	4 75 @ 5 75	May State Hard 9 00 @ 10 00		" @ 7 00
Long Island.....	5 50 @ 5 75	Domestic Com. 9 50 @ 10 00	Indiana Pressed 14 00 @ 20 00	Salm on 5 00
Up River.....	5 25 @ 6 00	Domestic Face 20 00 @ 22 00	St. Louis Fronts @ 27 00	Sq. " @ 00
Haverstraw Bay 2nd.....	5 50 @ 5 75	Philadelphia 40 00 @ 45 00		Light Stretchers @ 10 00
" 1st.....	5 75 @ 6 25	Phila. mould 50 00 @ 55 00		Medium " @ 12 00
Hollow.....	13 00	Anderson 14 00 @ 32 00		Red " @ 13 00
Fronts				Dark " @ 13 00
Croton, Brown.....	14 00 @ 15 00			Pressed " @ 13 00
" dark.....	15 00 @ 16 00			18 00 @ 20 00
" Enamelled (edge and end).....	15 00 @ 16 00			Best Paving @ 14 00
Chicago pressed (Anderson).....				Second " @ 13 00
Chicago Moulded.....	7 00 @ 41 00			Third " @ 12 00
Baltimore.....	@ 22 00			
Philadelphia.....	@ 22 00			
Trenton.....	@ 22 00			
Milwaukee.....				
Moulded:				
Glens Falls Red Pressed.....	@ 37 00			
" " Buff.....	@ 30 00			
" " Moulded Red & Buff.....	45 00 @ 70 00			
Enamelled: Imp.				
Enamelled (edge).....	85 00 @ 100 00			
Enamelled (edge and end).....	90 00 @ 115 00			
CEMENT, LIME, etc.—(P. M.)				
Rosendale Cement.....	90 @ 1 00			
Louisville.....	Not sold.			
Utica, Akron, Buffalo, Mill's kee.....	2 50 @ 3 00	1 20 @ 1 40	Not sold.	1 30 @ 50
Portland, English (Gibbs).....	2 50 @ 3 00	Brooks, S. & Co 2 00 @ 3 00	1 05 @ 1 30	B S & Co 2 75 @ 3 00
" " (K. B. & S.).....	2 50 @ 3 00	2 00 @ 3 00	1 00 @ 1 25	2 85 @ 3 25
" " (Black Cross).....	2 25 @ 2 50	2 00 @ 3 00	2 75 @ 3 25	2 85 @ 3 15
" " (Burbam).....	2 50 @ 2 80	2 00 @ 3 00	3 00 @ 3 25	2 75 @ 3 00
" " (White's).....	2 65 @ 3 00	2 00 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" " French (Lafarge).....	3 00 @ 3 75	2 00 @ 3 00	2 90 @ 3 15	2 75 @ 2 85
" " German (Alsen).....	2 90 @ 3 25	3 00 @ 3 50	3 00 @ 3 25	
" " (Fowor).....	2 25 @ 2 40	3 15 @ 3 35	3 20 @ 3 40	Hemmoor 2 50 @ 2 75
" " (Vorwoller).....	2 50 @ 2 90	Cleopatra 2 55 @ 3 00	3 25 @ 3 50	2 75 @ 2 85
" " (Lagerdofer).....	2 90 @ 3 25	2 55 @ 3 00	3 25 @ 3 50	2 60 @ 2 75
" " (Dyckerhoff).....	2 50 @ 3 00	3 00 @ 3 50	Not sold.	3 00 @ 3 25
" " (Hanover).....	2 35 @ 2 85		Not sold.	2 75 @ 2 85
" " Stettin, (Anchor).....	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	2 70 @ 3 00
Roman.....	2 75 @ 3 00	3 00 @ 3 50	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse.....	3 15 @ 3 50	3 15 @ 3 50	6 00 @ 7 00	6 50 @ 7 00
" superline.....	9 25 @ 10 25	@ 11 50	9 @ 10 50	8 00 @ 9 00
Lime:				
Line of Tell.....	3 50 @ 4 00			
Hydraulic Lime.....	@ 1 45	@ 1 35		
Chicago Lime in bulk.....		St. John 1 00	55 @ 60	White Lime 25 @ 30 @ bush
Wisconsin.....	@ 90	@ 1 05	60 @	White Mass 1 25 @ 1 50
Rockland and Rockport, (Com.).....	@ 1 10	@ 1 10	Not sold.	1 00 @ 1 00
Rockland and Rockport, finish.....	@ 1 20	@ 1 20	Not sold.	
Kelley Island Lime, finish.....	@ 1 05		1 00 bulk, 75c.	
State, com. cargo rates (nom.).....	@ 1 05		Not sold.	
State, finishing.....	1 20 @ 1 25	Not sold.	Not sold.	
Plaster of Paris (salcined).....	1 30 @ 1 35	1 85 @ 2 00	1 85 @ 1 90	Not sold.
" (casting).....	12 @ 15	@ 2 25	1 85 @ 1 90	Not sold.
Hair (Castle) & bush.....	22 @ 25	25 @ 30	30 @ 35	1 50 @ 2 25
" (Good).....	1 00 @ 1 25	175 @ 1 90	30 @ 35	1 75 @ 2 50
Sand, & load.....			@ 60	30 @ 35
STONE. (P. cubic foot, rough.)				@ 1 50
Granite: (Maine).....	45 @ 1 25	@ 00		55 @ 1 5
Limestone:	@ 1 00	95 @ 1 00	50 @	75 @ 90
Bedford.....			35 @ 55	Richmond 75 @ 1 50
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Dimension				
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Rubble		4 80 p perch		1 45 @ 1 50
Bluestone: (p sq. ft.)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 25
Planned	50 @ 6 00	75	50 @ 1 00	37 @ 50
Sandstone:				
Longmeadow	80	20 @ 90		95 @ 1 16
Kibbe	90	30 @ 1 10		1 05 @ 1 35
Brown (Connecticut)	1 00 @ 95	1 25 @ 1 45	1 50 p cub. ft.	55 @ 1 00
Amherst	90 @ 95	30 @ 1 00	45 @ 50	
Berea Ohio	75 @ 1 00	85 @ 50	45 @ 55	
Berlin	75 @ 1 00	85 @ 50	55 @ 55	
Belleville	80 @ 1 25	1 25 @ 1 35	1 25	1 10 @ 1
New Brunswick (Dorchester)	75 @ 1 00	75 @ 90		1 00 @ 1
Oxon		75 @ 90		1 25 @ 1
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unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
red	4 25 @ 4 75	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
black, Lehigh			6 25 @ 8 85	3 25 @ 4 00
Chapman			7 20 @ 8 00	4 00 @ 4 65
Unfading Black, Monson, Me.	5 50 @ 8 00	5 50 @ 8 0	6 00 @ 9 00	5 50 @ 8 00
Paints. (In oil, p lb.)				
White lead, Am.	7 @ 7 1/2	7 1/2 @ 7 1/2	6 1/2 @ 7	dry Eng. 7 1/2
Zinc	5 @ 5 1/2	5 @ 5 1/2	7 @ 10 1/2	Eng. 7 1/2
Red lead, Am.	6 @ 6 1/2	7 1/2 @ 7 1/2	6 1/2 @ 7	dry Am. 1 1/2
Venetian	6 @ 10 1/2	7 @ 12	1 1/2 @ 2 1/2	15 @ 20
Vermilion	65 @ 70	75 @ 80 dry	65 @ 68	8 @ 12
Red Indian, Eng.	12 @ 20	12 @ 20	12 @ 20	10 @ 24
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	60 @ 63
Chrome	12 @ 20	18 @ 25	15 @ 25	44 @ 44
Green (chrome)	8 @ 13	8 @ 20	8 @ 20	125 @ 300
Green, Paris	28 @ 40	25 @ 40	18 @ 35	150 @ 300
Black, lamp	15 @ 25	15 @ 25	8 @ 35	2 @ 24
Blue, ultramarine	12 @ 18	15 @ 30	12 @ 35	1 @ 1
Oil, linseed, (raw)	57 @ 62	57 @ 68	57 @ 60	14 @ 2
" boiled	60 @ 65	60 @ 61	57 @ 63	4 @ 7 1/2
Turpentine	40 @ 41	42 @ 44	51 @ 51	2 @ 13
Varnish, coach		1 50 @ 6 00	1 25 @ 2 00	
Shellac		2 50 @ 3 00	2 25 @ 4 00	
Putty		2 @ 4	62 @ 62 1/2	
Whiting	75 @ 1 00	1 @ 1 1/2	1 @ 1 1/2	
Paris white, (Eng.)	1 30 @ 2 00	2 @ 3	1 1/2 @ 2	
Litharge, Am.	54 @ 6	7 @ 7 1/2	6 1/2 @ 7	
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	
Umber	14 @ 20	14 @ 20	2 @ 10	
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10d. common	@ 2 60	@ 2 40	@ 2 35	@ 2 30
Shingle	@ 3 35	@ 3 60	@ 2 75	@ 2 60
Lath	@ 4 85	@ 3 60	@ 3 61	3 60 @ 4 75
Finishing nails according to size.			Add .35 to \$1.15	per lb 4 @ 6
(For casing nails add 75c. per keg.)			".50 to .90	Add pr cask
Butts: 4"x 4"	@ 1 00	@ 1 20	@ 90	2 90 (all kinds.)
Flain	@ 1 50	@ 1 75	Not sold.	@ 90
Japaned	@ 1 50	@ 1 90	2 00 @ 3 75	1 35 @ 2 00
Acorn, Japaned	@ 65	@ 50	Not sold.	1 35 @ 2 75
Ball Tip, Boston Finish. (p pair.)	@ 1 90	plain 1 65	2 00 @ 3 25	48 @ 80
Bronze metal	@ 10	@ 10	@ 12	@ 1 25
Bram (w/ supboards)				@ 1 00
Ebony				37 @ 1 00
Apple wood				
Knobs: (p Set.)				
Mineral, best	@ 8	@ 8	@ 10	@ 8
Lava	Not sold	17 @ 75	65 @ 80	Not sold.
Hematite	@ 30	@ 10	31 @ 40	25 @ 50
Porcelain	Not sold	@ 50	Not sold.	1 00 @ 2 50
Glass, solid	Not sold	85 @ 1 00	@ 1 50	1 75 @ 2 00
Glass, silvered	75 @ 2 00	50 @ 3 00	50 @ 3 00	50 @ 3 50
Bronze metal	1 00 @ 2 50	50 @ 3 00	1 00 @ 3 00	75 @ 1 25
Solder:				
Sheet Lead	@ 8 1/2	@ 7 1/2	@ 7	13 1/2 @ 16
Lead Pipe	@ 7 1/2	@ 7 1/2	@ 6 1/2	6 @ 6
Iron:				
I-Beams, up to and including 30 ft.	3 3-10 @ 3 1/2	@ 3 1-10	@ 3 70	@ 2 8-10
I-Beams, over 30 ft. 1, 1 1/2 c. advance	3 3-10 @ 3 1/2	@ 3 1-10	@ 3 70	@ 2 8-10
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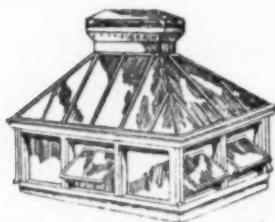
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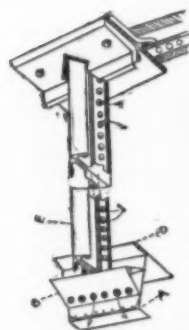
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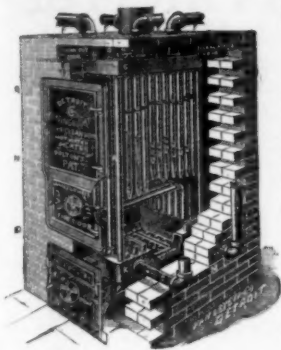
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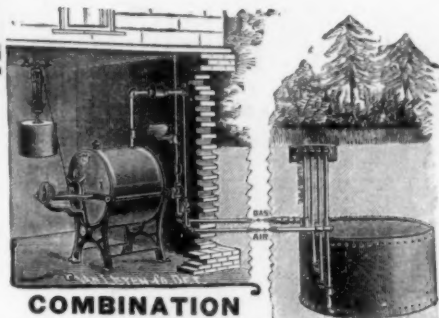
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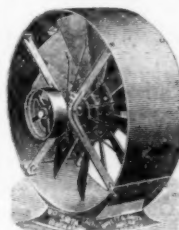
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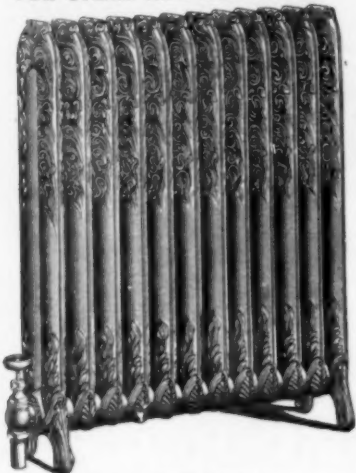
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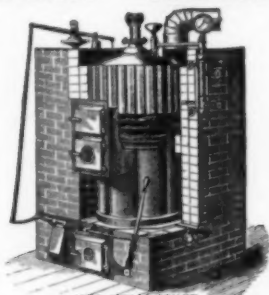
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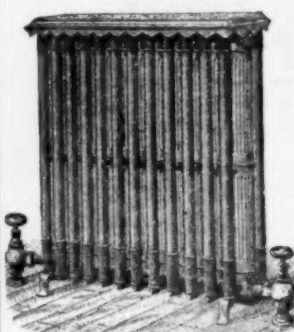
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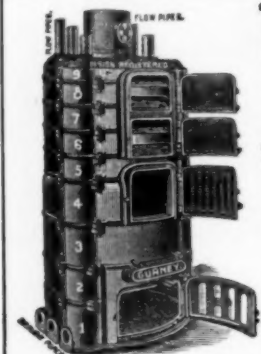
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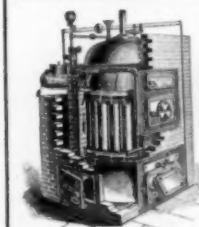
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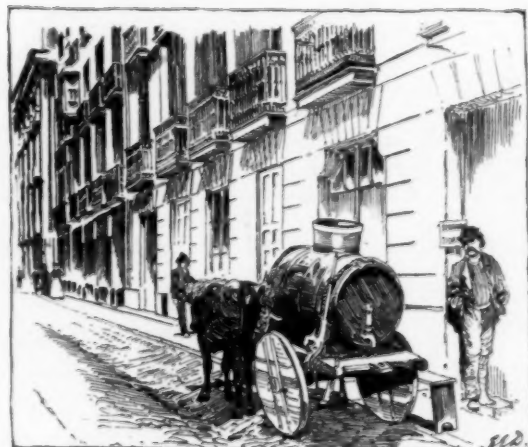
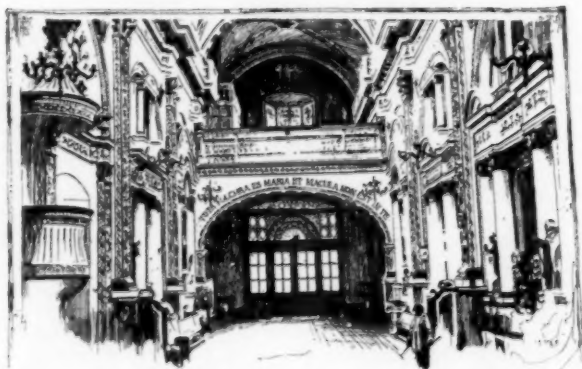
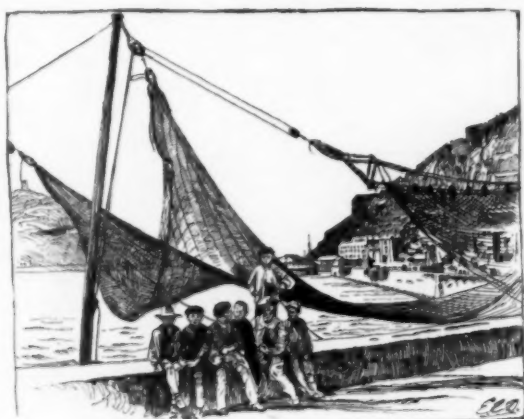
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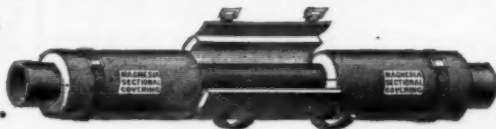
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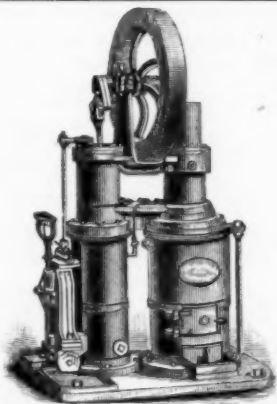
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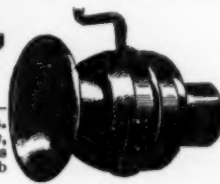


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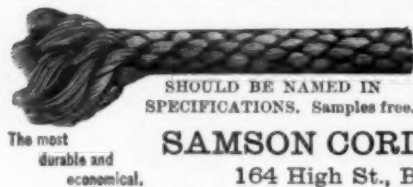
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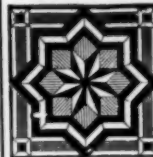
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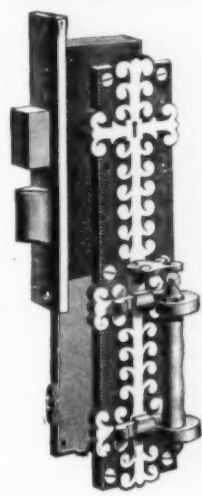
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Alsen's Cement Works.
Frey, Sheekel Co.
Cortright Metal Roofing Co.
Adamant Mfg. Co.
E. Thiele.
Arnor, Marlin & Co.

BUILDING PATENTS.

441,088. WINDOW-SCREEN.—Theodore Smith, Philadelphia, Pa.
441,096. ADJUSTABLE HINGED WINDOW OR DOOR SCREEN.—William H. Grubb, Quincy, Ill.
441,097. FLUSHING-TANK FOR WATER-CLOSETS.—August Haarlander, Allegheny, Pa.
441,101. CHIMNEY CAP AND VENTILATOR.—William J. Kayser, Milwaukee, Wis.

Imports of Building Materials, Etc.,

AT THE PORT OF NEW YORK FOR THE
WEEK ENDING NOVEMBER 28, 1890.

From Amsterdam.—Steamer "Zaandam," 21 bales cattle-hair, order.
From Antwerp.—Steamer "Nederland," 1,000 barrels cement, Canadian Bank of Commerce; 8 blocks marble, 2,500 barrels cement, order. Steamer "Principia," 2 cases statues, J. A. McSorley & Son; 3,261 barrels cement, order.
From Bremen.—Steamer "Europa," 1,512 casks cement, order.
From Cheverie, N. S.—Bark "L. M. Smith," 500 tons plaster, J. F. Whitney & Co.
From Glasgow.—Steamer "Circassia," 2 casks plaster, Henderson Bros. Steamer "State of Nevada," 27 cases granite, Ed Foley; 14 cases granite, Wm. C. Townsend; 116 do, Austin, Baldwin & Co.; 2 do, Del. Lack & West. R. R. Co.; 150



A DIFFICULT PROBLEM SOLVED.

The ordinary hydraulic elevator wastes vast quantities of water. It uses just as much to lift one person as to raise its maximum load, perhaps a ton!

The water bills are often enormous. For years the problem of light load—little water—has defied solution.

BUT WE HAVE SOLVED IT!

The ATLAS HYDRAULIC ELEVATOR not only requires much less water than any other cable-hydraulic elevator when used to its full capacity, but if desired it can be instantly adjusted by moving a lever so it will raise light loads and SAVE 33% OF THE WATER, probably 99-100 of the year, as very heavy loads are the exception.

SPRINGFIELD FOUNDRY CO.,

Springfield, Mass.

Equitable Building,
New York.

Mason Building,
Boston.

IMPORTS OF BUILDING MATERIALS, Etc.

boxes enamelled bricks, C. R. Weeks & Bros.; 35,000 fire-bricks, order, 25 casks tiles, John Reed.
From Hamburg.—Ship "August," 1,700 barrels Portland cement, 93 do, order. Steamer "Amal," 560 casks cement, Gabriel & Schall. Steamer "Scandia," 1,120 casks cement, E. Thiele. Ship "Riadat," 16 cases marble, Hinrichs & Co.; 771 barrels cement, 2,013 do. Portland cement, order.
From Hull.—Steamer "Chicago," 67 bales plasterer's hair, N. Y. Produce Exchange Bank. Steamer "Hindoo," 29 bales cattle-hair, order.
From Liverpool.—Steamer "City of Chester," 22 logs hard wood, order. Steamer "England," 3 drums cement, order. Steamer "Runie," 46 blocks stone, order. Steamer "Germanic," 20 casks tiles, order.
From London.—Steamer "Holland," 1,000 casks cement, German Bank of London; 2,148 casks cement, 1,000 barrels cement, order; 2 logs mahogany, 8 logs oak, order. Steamer "Lydian Monarch," 500 casks cement, C. J. Stevens; 18 blocks stone, F. Bing & Co.; 1,000 casks cement, German Bank of London; 1,500 barrels cement, 1,500 casks do., order. Steamer "Canada," 1,500 casks cement, order. Steamer "Richmond Hill," 500 casks Portland cement, E. Thiele; 500 casks cement, C. J. Stevens; 1,450 casks cement, order.

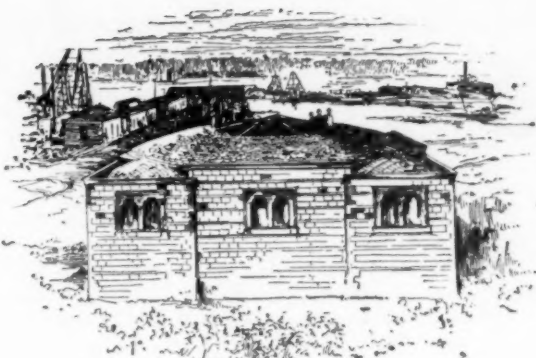
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Is superior to any other Portland Cement made. It is very finely ground, always uniform and reliable, and of such extraordinary strength that it will permit the addition of 25 per cent more sand, etc., than other well-known brands, and produce the most durable work. It is therefore the most economical to use. 8,000 barrels have been used in the foundations of the Statue of Liberty. Architects and those interested in Portland Cement will please send for my pamphlet, which will be mailed free on application. It contains valuable directions for the employment of Portland Cement, a table of results of the strength of the Dyckerhoff Cement when mixed with sand and broken stone in various proportions, together with tests and testimonials of eminent Engineers, Architects and Consumers.

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BOSTON, MASS.
63 Pierce Build'g,
12 Huntington Ave.

NEW YORK: 57th St. and N. R. **View of the Main Office, N. Y.** NEW YORK: 57th St. and N. R.

IMPORTS OF BUILDING MATERIALS, Etc.

From Mazanilla.—Brig "Westaway," 339 logs mahogany, 474 do. cedar, Thomas J. Owen & Co.
From Newcastle.—Steamer "Critic," 1,000 casks cement, Bank of British North America; 21 barrels glazed bricks, Charles R. Weeks & Bros.; 148 blocks stone, H. F. Binswanger. Steamer "Otranto," 1,000 casks Portland cement, Bank of British North America; 25,000 square fire bricks, Hammill & Gillespie.
From Stettin.—Steamer "Polaria," 1,000 barrels cement, E. Thiele; 1,400 do. Emil Kanter; 1,900 do., H. Marquardt & Co.; 1,500 do., order.
From St. Jago, Cuba.—Steamer "Cienfuegos," 11 logs mahogany, 37 do. cedar, Willard, Hawes & Co.; 104 logs cedar, 63 do. mahogany, G. Amsinck & Co.
From Swansea.—Steamer "Wells City," 63 casks bricks, Borwing & Archibald.
From Trieste, Fiume and Naples.—Steamer "Devonia," 50 cases fire-bricks, Hensel, Brinkmann & Lorbacher.
From Vera Cruz.—Steamer "Baldonero Iglesias," 90 blocks marble, Selzer, Guernsey & Co.
From Windsor, N. S.—Schooner "Alberta," 1,125 tons plaster, J. B. King & Co. Schooner "E. Meriam," 580 tons plaster, J. B. King & Co. Bark "Albertina," 1,206 tons lump plaster, J. B. King & Co. Schooner "Phoenix," 700 tons rock plaster, 1 barrel do., H. Wotherspoon. Schooner "Gypsum King," 1,109 tons plaster, J. B. King & Co.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

ALTERATIONS.

Brooklyn, N. Y.—Livingstone Ave., n s, 275' w Stuyvesant Ave., two-st'y brick stable, tin roof, two-st'y brick extension and other alterations; cost, \$3,000; owner, Joseph H. Pratt, 554A Quincy St.; architect, F. B. Langston, 1225 Bedford Ave. ^{Oct 20}
Bushwick St., s e, cor. Cooper St., one-st'y frame

BUILDING INTELLIGENCE.

church, shingle roof, one-st'y frame extension; cost, \$3,300; owner, St. Thomas Church, on premises; architect, Philip H. Ward, 900 Broad St.; Newark, N. J.
Furman St., w s, 4000' s Fulton St., five-st'y brick storage warehouse, gravel roof, internal and other alterations; cost, \$5,000; owner, E. H. K. Beecher, attorney for John Watson, Cliff and Ferry Sts., New York City; architect, George H. Day, Court and Montague Sts., Brooklyn.
Washington Ave., No. 481, three-st'y brick dwell., tin roof, repair damage by fire; cost, \$4,000; owner, George W. Shebler, 483 Washington Ave.; architect, Frank Freeman.
Easthampton, Mass.—George S. Colton, three-st'y brick addition to mill.
Holyoke, Mass.—Franklin Paper Co., two-st'y brick addition to mill; architect, F. S. Newman.
Crocker Paper Co., two-st'y brick addition to mill.
Lynn, Mass.—Hollingsworth St., extensive alterations and additions to Highland School-house, brick; cost, about \$8,000; to be heated by jacketed stove system; builder, J. C. Blaisdell; architect, W. W. Lummas, Boston.
Minneapolis, Minn.—Walter A. Wood, alterations in store, 312 North Third Ave.; cost, \$5,000.
Philadelphia, Pa.—Locust St., No. 2228, alterations to brick building; contractor, James Arthur, 223 Locust St.
Federal St., No. 2003, interior and exterior alterations; contractor, Thomas R. Ash, 210 North Tenth St.
South Fifth St., No. 768, three-st'y addition; contractors, Dahl & Kidd, 406 South Fifth St.
Walnut St., No. 828, front alterations; contractors, O'Neil & Kline, 912 Locust St.
Twenty-first St., n e cor. Montrose St., addition to vestibule; contractor, W. K. Chapman, 1215 South Broad St.
Salmon St., No. 3001, extensive alterations; contractor, Jacob Zeigler, 2728 Ann St.
Chatham St., No. 511, one-st'y addition to brick building; contractor, Thomas McCarty, 1935 North Seventh St.
North Seventh St., No. 134, interior and exterior alterations; contractor, E. J. Steinmetz, 721 Noble St.
Main St., No. 4158, extensive alterations to dwell.; owners, Kenyon & McFarland, 4208 Frankford Ave.
Moos St., No. 737, one-st'y kitchen addition to dwell.; contractor, Franz Siderle, 767 Moos St.

INCANDESCENT LIGHTING.

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BUILDING INTELLIGENCE.

Eighteenth St., n s, n Diamond St., two-st'y balcony; contractors, A. H. Williams & Son, 402 Tenor Pl.
Market St., No. 1917, four-st'y brick front; contractor, Porter Thompson, 2037 Filbert St.
Wright St., front alteration to dwell.; contractor, Thomas R. Dunn, 2126 Sharwood St.
Hare St., No. 2214, alterations to dwell.; contractors, William T. Stevenson & Bro., 2230 Virginia St.
Hilldale St., n s, n Cherry St., new roof and alterations to building; contractor, William Fogg, 114 North Thirteenth St.
Ridge Ave., No. 1615, three-st'y addition and new front; contractors, Richards & Shourds, 1125 Sheaf St.
Poplar St., No. 525, interior and exterior alterations; agent, E. A. Kuhlmeier, 719 Walnut St.
Neff St., s s, n Edgemont St., addition to dwell.; contractor, Jacob Zeigler, 2728 Ann St.
Venango St., No. 2208, rear, bay-window alterations; owner, E. A. Gaskill, Green St. Wharf.
Main St., n e cor. Church St., front alterations; contractor, W. J. Grahler, 46 Herman St.
Holly St., No. 606, addition to dwell.; owner, John Scott, 1085 Seventeenth St.
South Forty-second St., No. 515, three-st'y addition to brick building; contractor, John A. Palmer, 283 South Fortieth St.
Emerald St., No. 2348, alterations to dwell.; contractor, Jacob Ferber, 2030 E St.
Hamilton St., n e cor. State Road, one-st'y addition to file-shop; contractor, George W. Wells, Keystone St., Tacony.
Emerald St., No. 2346, one-st'y kitchen addition to dwell.; contractor, Jacob Ferber, 2030 E St.
South Twelfth St., No. 321, three-st'y addition to carriage-house; contractor, James Van Roden, 552 North Eighteenth St.
Frankford Road, No. 1515, one-st'y addition to dwell.; contractors, James Macauley & Son, 1328 East Montgomery Ave.
Twenty-third St., w s, n Race St., alterations to elevator; owners, Thomas Little & Son, 217 Pear St.
Shurs St., n e cor. Main St., alterations to bottling-house; contractor, E. O'Donnell, 105 Cotton St.
North Sixth St., No. 2319, three-st'y front; contractor, D. C. Schuler, 2327 North Sixth St.
South Forty-second St., No. 515, one-st'y addition to dwell.; contractor, John A. Palmer, 283 South Fortieth St.
Fairmount Ave., No. 3807, two-st'y bay-window; contractor, Gustav Nielsen, 760 North Forty-fourth St.
North Third St., No. 304, new roof and internal alterations; contractor, C. C. Carman, 304 South Third St.
Oxford St., No. 1920, addition to dwell.; owner, Charles Thompson, 2503 Oxford St.
Columbia St., No. 1603, extensive alterations to dwell.; contractor, A. R. Raff, 1327 Buttonwood Ave.
Moore St., s s, w Sixteenth St., the Francis Drexel school-house, three-st'y stone addition; contractor, C. O'Neill, 1216 South Broad St.
Church St., n s, e Josephine St., two-st'y addition to mill; contractor, E. C. Winnals, 4637 Worth St.
Dock St., No. 140, two-st'y addition to brick building; owner, C. B. Munch, 507 Marshall St.
Orthodox St., s s, e Main St., interior and exterior alterations to dwelling; contractor, F. W. Harris, 22 East Orthodox St.
Wallace St., No. 1803, two-st'y addition to brick building; contractor, Conrad Bachle, 1711 Fawn St.
Shedwick St., s e cor. Germantown Ave., addition to library; contractor, Martin Hetzel, 45 Church St.
Forty-second St., s w cor. Westminster Ave., alterations and two-st'y addition to dwell.; owner, W. L. Kelley, on premises.
Kensington St., No. 2514, s w, interior alterations; contractor, Benjamin Rubray, 2418 Erianna Ave.
Eleventh St., n w cor. Ellsworth St., three-st'y front alteration; contractor, J. J. Cassidy, Moyamensing Ave. and McKean St.

APARTMENT-HOUSES.

Boston, Mass.—Huntington Ave., No. 180, Ward 11,

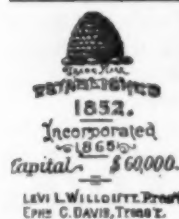
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SHEATHING AND LINING FELTS.

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NEW YORK.

BUILDING INTELLIGENCE.

six-sty brick apartments, flat roof, 62' x 110'; owner, B. Schlessenger; builders, Keening & Strout Bros.

New York, N. Y.—West Fifty-first St., Nos. 330-332, 2 five-sty brick flats; cost, \$70,000; owner, Wm. H. Ramsey, 14 West Sixtieth St.; architect, G. Fred Pelham, 1481 Broadway.

Thirty-ninth St., s. s. 325' w Ninth Ave., 2 five-sty brick flats, tin roofs; cost, \$52,000; owner, Homer J. Beaudet, 427 Mott Ave.; architect, Richard R. Davis, 247 West One Hundred and Twenty-fifth St.

Eighty-eighth St., n. s. 125' w Tenth Ave., 4 five-sty brick flats, tin roofs; cost, \$160,000; owner, James McNiece, 1484 Tenth Ave.; architect, George H. Griebel, 247 West One Hundred and Twenty-fifth St.

Third Ave., No. 1105, five-sty brick and stone flat; cost, \$25,000; owners, Weil & Meyer; architects, Schneider & Herter.

Lexington Ave., n. e. cor. One Hundred and Twelfth St., five-sty buff brick and stone flat; cost, \$65,000; owner, Wm. Lyman.

West Fifty-first St., No. 336, five-sty brick and stone flat; cost, \$19,000; owner, Patrick Costello; architect, George Kelster.

Madison Ave., n. w. cor. One Hundred and Fifteenth St., 3 five-sty brown stone flats; cost, \$125,000; owner, Frank McEntee; architect, Andrew Spence.

Nineteenth St., n. s. w Seventh Ave., five-sty brick, stone and terra-cotta flat; cost, \$26,000; owner, Wm. F. Rohrig; architects, Kurtzer & Rohl.

Madison Ave., n. e. cor. Eighty-eighth St., five-sty brick and stone flat; cost, \$96,000; owner, William J. Matthews; architect, J. C. Burne.

Ninety-sixth St., n. s. 70' e Lexington Ave., 5 five-sty brick flats, tin roofs; cost, \$90,000; owner, Thomas Lawry, 339 East One Hundred and Fourth St.; architect, A. B. Ogden & Son, 1631 Madison Ave.

One Hundred and Thirty-third St., n. s. 250' e Seventh Ave., five-sty brick flat, tin roof; cost, \$20,000; owner, Charles F. Schultz, 157 East One Hundred and Twenty-fifth St.; architects, Cleverdon & Putzell, 529 Broadway.

East Thirty-third St., Nos. 232-238, 3 five-sty brick flats, tin roofs; cost, \$75,000; owner, A. C. Zabriskie, 12 East Thirtieth St.; architect, James E. Ware, 1128 Madison Ave.

CHURCHES.

Baltimore, Md.—Ridgeley St. Presbyterian Church; cost, \$25,000; architect, George Archer; builder, H. A. Nagel.

Boston, Mass.—Falmouth St., cor. Gainsborough St., Ward 22, one-sty brick church, pitch roof, 50' x 140'; owner, Church of the Messiah; builder, Melville Grant.

Chattanooga, Tenn.—Central Baptist Church Congregation, church; cost, \$10,000.

Coatesville, Pa.—The Presbyterians will build a stone church soon.

New London, Pa.—The congregation of St. Johns Protestant Episcopal Church is raising money to build a parish house.

New York, N. Y.—Tenth Ave., n. w. cor. Ninety-ninth St., brick church, tin and tile roof; cost, \$135,000; owner, St. Michael's Church, Boulevard and One Hundred and First St.; architect, R. W. Gibson, 18 Wall St.

Roanoke, Va.—The Congregation of St. Mark's Lutheran Church, church; cost, about \$40,000.

Philadelphia, Pa.—Sixty-fifth St., n. e. cor. Buist Ave., one-sty stone church; superintendent, George Cummings, 1529 South Broad St.

Unruh St., s. s. w Keystone St., church; contractor, Nichols Cavanaugh, 321 North Fortieth St.

Sixty-third St., s. w cor. Hamilton St., stone church; contractor, J. K. Wiggins, 1536 Saybrook St.

Dauphin St., n. w. cor. Carlisle St., church; contractors, Clark & Fluke, 2123 Van Pelt St.

Washington, Pa.—The Baptist Church Building has been sold; it will be removed and a new church built.

FACTORIES.

Brooklyn, N. Y.—Chestnut St., w. s. 325' n Atlantic

JAMES A. MILLER & BRO.

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S. CLINTON ST.
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CHICAGO, April 16, 1910

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the six hundred boxes of S. A. Miller's
roofing tin purchased from your recently
to roof the Union depot on this city gave
entire satisfaction to ourselves, and the national
authorities who inspected the same, it being
up to the required standard in every respect.
Yours truly,
Richard Knisely & Son
Attention and J. P. Knisely
144 S. Jefferson St.
Chicago

BUILDING INTELLIGENCE.

Ave., two-sty brick watch case factory, gravel roof; cost, \$20,000; owner, Solidarity Watch Co., Potter Building, New York City; architects, Denmar & Fischer, Potter Building, New York City.

New York, N. Y.—One Hundred and Fifty-fifth St., No. 185, n. s. 81-29' e Eighth Ave., vulcanizing factory, slate roof; cost, \$12,000; owner, Lynch estate, 121 Bowery St.; lessee, Haskin Wood Vulcanizing Co., 40 Wall St.; architect, D. & J. Jardine, 1262 Bowery.

First Ave., No. 75, 5' n One Hundred and Eighth St., five-sty brick factory, etc., tin roof; cost, \$12,000; owner, Patrick Hogan, 1614 Lexington Ave.; architect, Andrew Spence, 163 East One Hundred and Twenty-fifth St.

Philadelphia, Pa.—Dock St., n. w. cor. Pear St., six-sty factory; contractors, Thomas Little & Son, 217 Pear St.

Third St., w. s. s. Venango St., varnish factory; owners, Payne Varnish Co., 2851 Germantown Ave.

Bridge Ave., near Orchard St., factory; owner, R. O. Moorhouse, 266 Bridge Ave.

Forty-fourth St., w. s. s. Brown St., two-sty factory; contractor, Gustav Nilsson, 760 North Forty-fourth St.

Providence, R. I.—Friendship and Eddy Sts., brick factory building; cost, \$12,000; owner, Michael Fitzgerald; builder, H. L. Bessett.

HOSPITALS.

Macon, Ga.—A hospital, to cost \$50,000, is contemplated.

HOTELS.

Philadelphia, Pa.—Baltimore and Woodland Aves., three-sty hotel; owner, J. D. Allen, 1017 Chestnut St.; architect, R. M. Kennedy, Drexel Building.

Salt Lake City, Utah.—West Temple St., six-sty stone hotel; cost, \$350,000; owners, syndicate; architects, Adler & Sullivan; contractors, M. Morris and H. Probst.

HOUSES.

Baltimore, Md.—Harry Wagner, 9 two-sty brick buildings, n. e. cor. O'Donnell and Robinson Sts.; and 2 two-sty brick buildings, e. s. Robinson St., n. above.

E. M. Anders, 5 two-sty brick buildings, s. s. Gold St., bet. Ettinge and Division Sts.; 5 two-sty brick buildings, e. s. Patuxent St., s. Lancaster St.

Samuel T. Shipley, 22 two-sty brick buildings, e. s. Cedar Ave., s. Bay St.

BUILDING INTELLIGENCE.

Henry Robe, 8 two-sty frame buildings, Eleventh St., e. Reese St., "Oxford."

Laura Fugle, three-sty brick building, e. s. Garden St., bet. Monument and Madison Sts.

Jas. E. Russell, 11 two-sty brick buildings, e. s. Canton Ave., bet. Lancaster and Hudson Sts.

S. Salomon, three-sty brick building, w. s. Little Sharp St., s. Lexington St.

A. Teal, 4 two-sty brick buildings, w. s. Eastern Ave., s. O'Donnell St.

Boston, Mass.—Charter St., No. 43A, Ward 6, four-sty brick dwell. and store, flat roof, 21' x 37'; owner, Nora Donahue; builder, K. Driscoll.

Huntington Ave., Nos. 114-127, Ward 11, 6 four-sty brick dwells., flat roofs, 24' x 84'; owner and builder, Albion Knowlton.

William St., Terrace, No. 1, Ward 19, three-sty brick dwell., flat roof, 19' x 34.6'; owner, J. H. Mul-len; builder, W. H. Smith.

Codman St., near Washington St., Ward 24, three-sty frame dwell., flat roof, 28' x 47.6'; owner, P. J. Lyons; builder, M. J. Barry.

Blackwell St., near Neponset Ave., Ward 24, 2 frame dwells., 22' x 28' and 24' x 33'; owner, Henry B. Beach; builders, J. A. Vickery & Son.

Bower St., near Sherman St., Ward 21, two frame dwells., flat roofs, 22' x 50'; owner and builder, H. J. Wright.

Tremont St., No. 1578A, Ward 22, four-sty frame dwell. and store, flat roof, 29' x 100'; owner, Frank Normill; builders, Pierce Bros.

Tilston St., No. 47, rear, Ward 6, three-sty brick dwell., flat roof; owner, Louis Berenson; builder, K. Driscoll.

Crawford St., Nos. 94-96, Ward 21, two frame dwells., 28' x 43'; owner and builder, A. D. Gould.

Walden St., June, Minden St., Ward 22, three-sty frame dwell. and store, flat roof, 40' x 62'; owner, F. Bleiler; builder, G. Merz.

Glen Road, near Blue Hill Ave., Ward 24, three-sty frame dwell., flat roof, 26.2' x 45'; owner, W. T. Butler; builders, Ourish & Rich.

St. Thomas Ct., near Woodman St., Ward 23, three-sty frame dwell., hip roof, 21.6' x 45'; owner, T. Maginnis; builder, J. J. Flynn.

Bellevue Ave., June, Dudley Ave., Ward 23, frame dwell., 18' x 30'; owner and builder, T. E. Havey.

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TIN ROOF



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Our book "How to secure a good TIN ROOF," sent
free to any address, also samples of Tin, etc.

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Every sheet stamped with the name of N. & G.
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AND MODERN Venetian
BLINDS.



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Brooklyn Office, 16 Court St.
Chicago Office, 65 E. Washington St.

BUILDING INTELLIGENCE.

Arundel St., near Walter St., Ward 23, frame
dwelling, 28' x 27'; owner and builder, Donald Mc-
Donald.
Grand View St., near Beech St., Ward 23, frame
dwelling, 21' x 33'; owner, Wm. Huber; builder, Alex
Rogers.
Nepomest Ave., near Folsom St., Ward 23, frame
dwelling, 19' x 29'; owner and builder, H. E. Bryant.
Brookfield St., near Roberts St., Ward 23, frame
dwelling, 23' x 31'; owner and builder, P. M. Brown.
School St. Pl., off School St., Ward 23, three-st'y
frame dwelling, hip roof, 25' x 44'; owner, M. Mahoney;
builder, W. Tobin.
East Broadway, No. 897, Ward 14, three-st'y
frame dwelling, flat roof, 23' x 67.9'; owner, Sarah A.
Smart; builder, W. T. Eaton.
Bainbridge St., No. 75, Ward 21, frame dwelling, 25'
x 42.6'; owner and builder, John K. Nichols.
Huntington Ave., near Richards Ave., Ward 23,
frame dwelling, 21' x 49'; owner and builder, J. M.
Kelley.
Bullard St., near Bowdoin Ave., Ward 24, frame
dwelling, 25' x 31'; owner and builder, W. A. David-
son.
Coolidge Ave., near Bernard St., Ward 24, frame
dwelling, 27' x 41'; owner, Fred S. Hinds; builder, H.
N. Wyman.
Princeton St., No. 268, Ward 1, three-st'y frame
dwelling, flat roof, 27.4' x 44'; owner, R. Hodson;
builders, Hatt & Rogers.
Bullard St., near Bowdoin St., Ward 24, frame
dwelling, 21' x 34'; owner and builder, G. L. Davidson.
Wheatland Ave., No. 21, frame dwelling, 29' x 54';
owner, Mrs. A. Davenport; builder, H. H. Smith.
Dorset St., near Dorchester Ave., Ward 15, three-
st'y frame dwelling, flat roof, 27.4' x 44.4'; owner, Mrs.
John Morley; builder, David Currier.
Grant St., near Harbor View St., Ward 24, three-
st'y frame dwelling, 25' x 64'; owner, J. R. White;
builder, P. Shea.
Perkins St., near Centre St., Ward 23, three-st'y
frame dwelling, 30' x 36'; owner, Mrs. H. A. Hender-
son; builder, A. Cassidy.
Worley St., near Corey St., Ward 23, two-st'y
frame dwelling, flat roof, 19' x 36'; owner, May W.
Messiah; builder, H. A. Messiah.
Millet St., near Washington St., Ward 24, frame
dwelling, 25' x 37.6'; owner, Jessie M. Lent; builder,
W. A. Lent.
Bailey St., near Washington St., Ward 24, frame
dwelling, 29' x 39'; owner and builder, James R. Bell.
Randolph Terrace, No. 6, Ward 24, frame dwelling,
23' x 34.6'; owner, H. S. Carruth; builder, Bradford
Hamilton.
Beaumont St., No. 21, Ward 24, one-st'y frame
dwelling, gambrel roof, 30' x 40.9'; owner, H. S. Car-
ruth; builder, Bradford Hamilton.
Wrentham St., near Dorchester Ave., Ward 24,

five frame dwellings, 31' x 42'; owner and builder, J. L.
Stewart.
Westmoreland St., Nos. 4 and 9, Ward 24, two
frame dwellings, one 28' x 34.6', pitch roof; one 31' x
41', hip roof; owner, H. S. Carruth; builder, Brad-
ford Hamilton.
Dean Ave., near Howard Ave., Ward 20, three-st'y
frame dwelling, flat roof, 22.6' x 40'; owner, E. Froth-
ingham; builder, Mr. Boyd.
Rosemont Terrace, cor. Rosemont St., Ward 24,
frame dwelling, 25' x 45'; owner, H. O. Goodwin;
builder, H. B. Rankin.
Adams St., near Rosemont St., Ward 24, frame
dwelling, 27.3' x 46.6'; owner, J. T. Disney; builder,
H. B. Rankin.
Rosemont Terrace, cor. Rosemont St., Ward 24,
frame dwelling, 29' x 36'; owner, Estelle G. Woolper;
builder, H. B. Rankin.
Dakota St., opp. Iowa St., Ward 23, three frame
dwellings, gambrel roofs, 24' x 38'; owner, E. N.
Capen; builder, J. O. Mason.
Dakota St., near Geneva Ave., Ward 24, three-st'y
frame dwelling, hip roof, 23' x 41'; owner, E. N. Capen;
builder, J. O. Mason.
Brooklyn, N. Y.—Decatur St., n s, 100' w Howard
Ave., 10 two-and-one-half-st'y brick dwellings, tin roofs;
cost, \$4,500 each; owner, William B. Cummings, 26
Pleasant Pl.; architect, John E. Dwyer, 1540 Broad-
way.
Fourteenth St., n s, 105' 6" e Eighth Ave., 5 two-
st'y brick dwellings, tin roofs; cost, \$3,700 each; owner
and architect, William Hawkins, 372 Eighth Ave.
Lewis Ave., w s, 95' n Quincey St., 2 two-st'y brick
dwellings, tin roofs; cost, \$5,000 each; owner, Thomas
Rice, 229 Lewis Ave.; architect, S. Harbison, 2 Ar-
lington Pl.
Fourth St., s s, 294' w Seventh Ave., 6 three-st'y
brick dwellings, tin roofs; cost, \$8,000 each; owners,
Moses & Fenton, 176 Broadway, New York City;
architect, R. L. Daus, 26 Court St., Brooklyn.
Sixth St., s s, 120' w Fourth Ave., 4 four-st'y brick
dwellings, tin roofs; cost, \$8,500 each; owner, M. Bian-
thorn, 185 Snyder St.; architect, George M. Miller,
406 Fifth Ave.
McDonough St., s s, 175' e Ralph Ave., 8 two-st'y
brick dwellings, tin roofs; cost, \$4,000 each; owner and
architect, Thomas H. Radcliffe, 826 Fulton St.
Macon St., n s, 196' e Reid Ave., 5 two-st'y brick
dwellings, tin roofs; cost, \$4,500 each; owner, F. C.
Swimmer, 358 Putnam Ave.; architects, A. Hill &
Son, 1161 Fulton St.
Sunnyside Ave., n s, 50' w Miller Ave., two-st'y
frame dwelling, tin roof; cost, \$4,000; owner, Philip

(Continued on page XX.)

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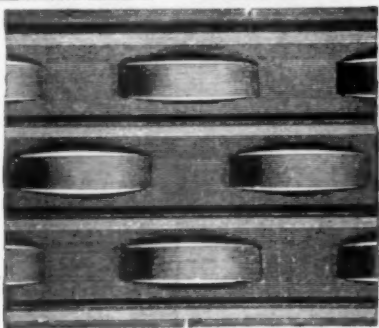
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Essex St., e s, 180' n Ridgwood Ave., 2 two-st'y frame dwells., tin roofs; cost, \$2,600 each; owner, Mrs. Minnie Josiah, Ridgwood and Shepard Aves.; architect, William Josiah, Ridgwood Ave. and Essex St.

Fifty-sixth St., n s, 160' w Third Ave., two-st'y frame dwell., tin roof; cost, \$3,500; owner, Charles Getchew, on premises.

Van Voorhis St., 100' w Evergreen Ave., 8 two-st'y frame dwells., tin roofs; cost, \$3,000 each; owner, Mary N. McLaren, 102 Hart St.; architect and builder, Edwin J. Bedell, 541 Halsey St.

Hendrix St., e s, 120' s Atlantic Ave., 2 three-st'y frame dwells., tin roofs; cost, \$2,500 each; owner, Henry P. Kernan, 1292 Herkimer St.; architect, John E. Dwyer, 1540 Broadway.

Wythe Ave., e s, 60' s South Eighth St., four-st'y brick dwell., tin roof; cost, \$6,000; owner, J. H. Hoelt, 57 South Eighth St.; architect, Benj. Finken sieper, 93 Broadway.

Boerum St., n s, 75' e Humboldt St., four-st'y brick dwell., tin roof; cost, \$6,000; owner and architect, John Heremer, Boerum St., near Humboldt St.

Cincinnati, O.—Win. Ortgies, two-and-one-half-st'y brick and stone dwell., Brown St.; cost, \$4,500; architects, G. & A. Brink.

Carl Look, two-and-one-half-st'y brick and stone dwell., Flora Ave.; cost, \$2,500; architects, G. & A. Brink.

Gottlieb Ellick, three-st'y brick and stone slaughter house, Poplar St.; cost, \$6,000; architect, Joseph Ellick.

G. H. Brand, two-and-one-half-st'y brick and stone dwell., Sturm St.; cost, \$6,000; architect, G. & A. Brink.

Francis H. Cloud, two-and-one-half-st'y brick and stone dwell., Grand Ave.; cost, \$7,500; architect, W. C. Lawrence.

Fred Gerth, two-and-one-half-st'y brick and stone dwell., Annie St.; cost, \$3,050; architects, Kuckertz & Pfeiffer.

Josh McGiel, 2 three-st'y brick dwell., Gilbert Ave.; cost, \$5,000; architect, W. S. Robinson.

S. F. Ostenkamp, two-and-one-half-st'y frame dwell., Madisonville Pike; cost, \$4,300; architect, Jacob H. Kuckertz.

F. Raine, two-and-one-half-st'y frame dwell., Terrace Ave.; cost, \$3,000; architect, Jacob Kuckertz.

A. F. Worthington, two-and-one-half-st'y frame dwell., Lincoln Ave.; cost, \$3,350; architect, W. W. Franklin.

C. B. Van Zant, two-and-one-half-st'y frame dwell., Bigelow Ave.; cost, \$4,500; architect, Jacob Kuckertz.

Little Rock, Ark.—Three brick dwells. for Capt. J. R. Miller, Lincoln Ave.; cost, \$15,000; architect, Fred J. H. Rickon.

Lynn, Mass.—Endicott St., frame dwell.; cost, \$4,000; owner, F. H. Raddin; builder, Amos Loomer; architect, W. W. Lummus, Boston.

South Common St., frame dwell.; cost about \$8,000; owner, Mrs. Frances E. Manning; builder, Amos Loomer; architect, W. W. Lummus, Boston.

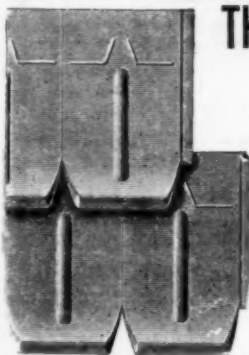
New York, N. Y.—East Tenth St., Nos. 3-5, 2 five-st'y brick dwells.; cost, \$25,000; owners, Mrs. J. R. Townsend and H. E. Coe; architect, George E. Harney.

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One Hundred and Nineteenth St., s s, 460' e Lenox Ave., 7 three-st'y brownstone dwells.; cost, \$84,000; owner, Joseph E. Rogers; architect, F. Wennemer.

Morris Ave., w s, 150' n One Hundred and Seventy-fourth St., three-st'y dwell.; cost, \$6,000; owner, H. H. Shelland; architect, J. J. Vreeland.

One Hundred and Thirty-first St., n s, 460' w Fifth St., 2 three-st'y brick dwells., tin roofs; cost, \$16,000; owner, Harry Wright, 332 East One Hundred and Twentieth St.; architects, Cleverdon & Putzell, 529 Broadway.

West Sixty-ninth St., No. 235, two-st'y brick dwell., tin roof; cost, \$3,000; owner, Bryan McCabe, 1620 Broadway; architect, John C. Jacobson, 10 West Twenty-third St.

West One Hundred and Twenty-eighth St., No. 29, 2 three-st'y brick dwells., tin roofs; cost, \$14,000; owner, Alfred Fountain, 214 East Twelfth St.; architect, Frank Stanley, 72 Hooper St., Brooklyn.

Philadelphia, Pa.—Factory St., s s, n Kent St., three-st'y brick building; contractors, Doyle & Doak, 1511 Moravian St.

Eighteenth St., s s, s Morris St., 6 three-st'y dwells.; contractor, Thomas Grinnon, 1637 Christian St.

Mundell St., n s, n Fifteenth St., 24 three-st'y dwells.; owner, W. G. Serrill, 1750 North Fifteenth St.

Herman St., s s, e Twenty-ninth St., 4 two-st'y dwells.; owner, Andrew M. Root, 2820 Herman St.

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Paschall St., s s, e Fortieth St., 8 two-st'y dwells.; owner, W. T. Shields, 735 Walnut St.

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Westminster St., n s, w Forty-first St., 12 three-st'y dwells.; owner, James J. Conley, Manheim and Pulaski Sts.

Ridge Ave., e s, n Kalos St., 2 two-st'y dwells.; contractor, Charles Struss, Ridge Ave., Frankford.

James St., n s, e Ridge Ave., three-st'y dwell.; contractor, James Boone, 3816 Terrace St.

Seventh St., w s, n Race St., three-st'y dwell.; contractor, F. H. Hill, Oak Lane.

Tacony St., w s, n Margaretta St., 6 three-st'y dwells.; contractors, Kolher Bros., Ash and Spark Sts.

Fairhill St., w s, n Pike St., 11 two-st'y dwells.; owner, John Millar, 3944 North Fifth St.

Brown St., No. 534, 2 two-st'y brick dwells.; contractor, L. Schwab, 940 North Sixth St.

Passyunk Ave., e s, Dickenson St., 4 three-st'y dwells.; contractor, John Dunn, 2003 Jupiter St.

Mountain St., w s, w Eighteenth St., 19 two-st'y dwells.; contractor, John Simpson, 1719 Christian St.

Diamond St., n s, w Twenty-eighth St., three-st'y dwell.; owner, J. S. Serrill, 1413 North Broad St.

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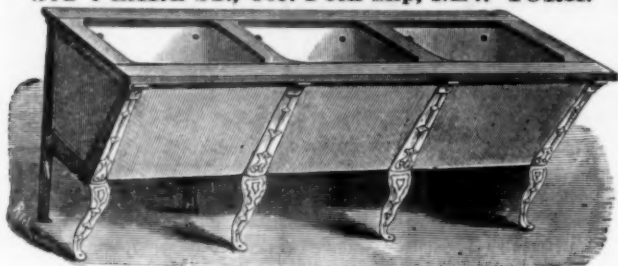
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dwell.; owner, D. Marshall, 1215 Market St.Nineteenth St., n e cor. Moore St., 2 two-sty
dwell.; contractor, George A. Wagner, 1554 Ban-
croft St.Wharton St., n s, w Thirty-fifth St., 7 two-sty
dwell.; contractor, William Marshall, 1520 South
Twentieth St.Taney St., w s, n Brown St., three-sty dwell.;
owner, Jos. Risner, 866 North Thirtieth St.Wallace St., s s, w Thirty-sixth St., two-sty brick
dwell.; contractor, T. E. Hurley, 621 North Thirty-
third St.Walker St., e s, n Delaware Ave., 2 two-sty
dwell.; owner, William Terry, Holmesburg.Beacon St., s s, w Sixty-sixth St., two-sty brick
dwell.; contractor, Isaac Wood, 4901 Saybrook St.Regent St., e s, s Forty-eighth St., 4 three-sty
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St.Providence, R. I.—Doyle Ave., frame dwell; owner,
Samuel Southey; cost, \$4,500.Wood St., frame dwell., estate of Nathan Freeman;
owner and builder, D. Arnold; cost, \$4,000.Douglas Ave., frame dwell.; owner, Isaac N. Gan-
wick; builder, Napoleon Piraud; cost, \$3,400.Thurber and Prairie Aves., frame stores and dwell.;
owner, F. A. Patt.Arlington Ave., frame and brick dwell.; owner,
Courtland W. Gilmore; architect, Chas. F. Chase.Dover and Pemberton Aves., frame dwell.; owner,
Miss Catherine Hopwell; builder, J. H. Harris.Hassan St., two-and-one-half-sty frame dwell.;
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City of New York, City Hall, N. Y.; architect, Geo.
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Kean St.Third St., e s, s Cumberland St., two-sty brick
dwell.; contractor, Charles Booth, 2052 Taylor St.Fifteenth St., n s, n Lehigh Ave., 13 two-sty
brick dwells.; contractors, F. Runkle & Co., s e
cor. Franklin and Susquehanna Aves.Banes St., s s, e Cowden St., two-sty dwell.; con-
tractor, Wm. McMillan, Bustleton, Pa.Joyce St., s s, w Frankford Road, 14 three-sty
dwell.; owner, A. McIlvain, 14 South Broad St.Tioga St., s s, w Frankford Ave., 4 three-sty
dwell.; owner, Andrew McIlvain, 14 South Broad
St.Union St., n s, e Delaware Ave., three-sty dwell.;
owner, E. E. Ely, Holmesburg.Tenth St., s Erie Ave., two-sty dwell.; contractor,
William S. Rhemer, Twenty-second St., near Tioga
St.Breverster Ave., w s, e Seventy-seventh St., two-sty
dwell.; contractor, James M. Laughlin, 3728 Centre
St.Batemans St., No. 1341, two-sty dwell.; owner,
John McCullough, 1339 Bateman St.Funk St., e s, n Hagerman St., 4 two-sty dwells.;
contractor, George Warner, 1823 Oxford St.Hagerman St., n s, e Funk St., two-sty dwell.;
contractor, George Warner, 1823 Oxford St.Cherry St., w s, s Harrison St., three-sty dwell.;
contractor, George Warner, 1823 Oxford St.Thompson St., e s, s Tioga St., two-sty dwell.;
owner, M. Donahue, cor. Edgemont and Tioga Sts.Montrose St., n s, w Broad St., two-sty dwell.;
contractor, Harry Kennedy, 626 South Nineteenth
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sty dwells.; contractor, Wm. H. Wilson, 40 Mellen
St., Mt. Airy.**BUILDING INTELLIGENCE.**Thompson St., s w cor. Charlotta St., two-sty
dwell.; contractor, Wm. Hickman, 1333 Mascher St.York St., n s, w Twenty-sixth St., two-sty dwell.;
owner, Patrick Walsh, 2614 York St.Wellington St., s w cor. Jasper St., 16 two-sty
dwell.; contractors, Stewart Bros., 2527 North
Sixth St.Melrose St., s s, bet. Orthodox and Margaretta
Sts., 2 two-sty dwells.; contractor, Thomas Waters,
4857 Melrose St.Tacony St., s s, bet. Margaretta and Tucker Sts.,
two-sty dwell.; contractor, Thomas Waters, 4857
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Kean St.Twenty-seventh St., n Diamond St., 11 three-sty
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contractor, J. H. Jordan, Twenty-third and Jeffer-
son Sts.Fifty-fourth St., w s, n Haverford Ave., 2 two-sty
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minster Ave.Second St., w s, n Morris St., 2 two-sty dwells.;
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Henry Gordon & Son, 2639 Edgemont St.Kinderton St., w s, s Venango St., 1 three-sty and
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mount Ave.Fifteenth St., n e cor. Westmoreland St., two-sty
dwell.; owner, John Stoll, Fifteenth and West-
moreland Sts.Market St., Nos. 5548-50, 2 two-sty dwells; con-
tractor, Charles Wilson, 5547 Chestnut St.Sixteenth St., w s, s Moore St., 2 two-sty dwells.;
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BUILDING INTELLIGENCE.**STABLES.**

Brooklyn, N. Y.—Halsey St., s s, 165' w Stuyvesant Ave., three-sty brick stable, tin roof; cost, \$8,000; owner, H. McQuilkins, 908 Lafayette Ave.; architect, Henry Vollweiler, 486 Hart St.

Philadelphia, Pa.—Leipers St., w s, n Arrott St., two-sty stable; contractor, R. C. Winnals, 4637 Worth St.

STORES.

Philadelphia, Pa.—Sixty-third St., w s, s Vine St., 2 one-sty stores, contractor, Charles R. Buckwalter, Sixty-third and Race Sts.

MISCELLANEOUS.

Philadelphia, Pa.—Twenty-third St., n s, n Race St., four-sty mill; owners, Thomas Little & Son, 217 Pear St.

Gowan St., e Sprague St., carriage-house; contractors, Thomas W. Wright & Son, 7 Harvey St. Fifteenth St., e s, n Dauphin St., four-sty store-house; contractor, C. C. Halm, 1308 Master St.

[Continued in Supplement.]

PROPOSALS.**ENGINE-HOUSE.**

[At Boston, Mass.]
CITY OF BOSTON.

Sealed proposals, addressed to the Hon. Thomas N. Hart, Mayor, and indorsed "Proposals for the Erection of an Engine-house on Washington Street, Ward 23, Boston," will be received at the office of the City Architect, City-Hall, Boston, until 12 o'clock M. Tuesday, December 16, 1890, and at that time will be publicly opened and read.

The prices proposed must be stated both in writing and in figures, and all proposals containing bids not called for in this advertisement will be considered informal.

Each bid must be signed by the bidder and accompanied by a properly certified check for \$1,000, payable to the City of Boston, said check to be returned to the bidder unless forfeited under the conditions herein stipulated.

The amount and character of the securities for the fulfillment of the contract will be determined by the City Architect after the proposals are opened.

If a bond is required with the contract, the sureties thereon must be residents of Massachusetts and satisfactory to the City Architect.

The person or persons to whom the contract may be



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THE COLUMBUS WROUGHT STEEL
SINK
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PAINTED GALVANIZED, ENAMELED.
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PROPOSALS.

awarded will be required to appear at this office, with the securities offered by him or them, and execute the contract within four days (not including Sunday) from the date of notification of such award, and the preparation and readiness for signature of the contract; and, in case of failure or neglect to do so, he or they will be considered as having abandoned it, and the check accompanying the proposal shall be forfeited to the City of Boston.

Specifications and plans may be seen at the office of the City Architect, City-Hall, after Monday, December 8, 1890, and the proposals are to be filled out on blank forms to be obtained at that office. The City Architect reserves the right to reject any or all bids, should he deem it to be for the interest of the City of Boston so to do.

H. H. ATWOOD,
City Architect.

780

SCHOOL-HOUSE.

[At Boston, Mass.]
CITY OF BOSTON.

Sealed proposals, addressed to the Hon. Thomas N. Hart, Mayor, and indorsed "Proposals for the Erection of a Primary School-house corner of Cumberland and St. Botolph Streets, Ward 11, Boston," will be received at the office of the City Architect, City-Hall, Boston, until 12 o'clock M. Wednesday, December 17, 1890, and at that time will be publicly opened and read.

The prices proposed must be stated both in writing and in figures, and all proposals containing bids not called for in this advertisement will be considered informal.

Each bid must be signed by the bidder and accompanied by a properly certified check for \$1,000, payable to the City of Boston, said check to be returned to the bidder unless forfeited under the conditions herein stipulated.

The amount and character of the securities for the fulfillment of the contract will be determined by the City Architect after the proposals are opened.

If a bond is required with the contract, the sureties thereon must be residents of Massachusetts and satisfactory to the City Architect.

The person or persons to whom the contract may be

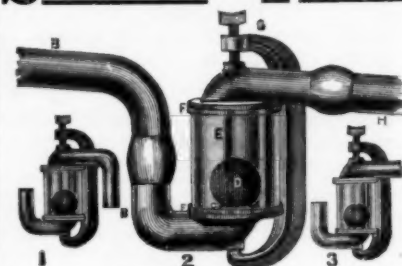
COL. GEORGE E. WARRING, JR., C. E. etc., in his recent work on Sewerage and Land Drainage, in speaking of traps liable to siphonage, says: "the best remedy would be to supply the defective traps at their summits with McClellan's Mercury Seal-Trap Vent, a perfectly safe device, of little cost, simple and easy of application, and sure to supply air when needed."



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PROPOSALS.

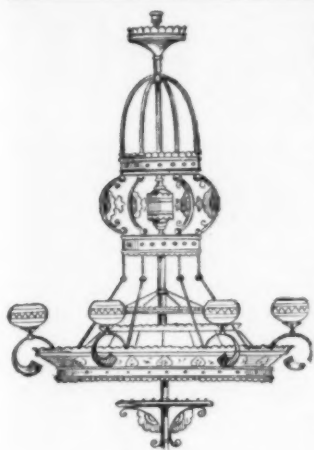
Specifications and plans may be seen at the office of the City Architect, City-Hall, after Monday, December 8, 1890, and the proposals are to be filled out on blank forms to be obtained at that office.

The City Architect reserves the right to reject any or all bids, should he deem it to be for the interest of the City of Boston so to do.

H. H. ATWOOD,
City Architect.

780

November 26, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 17th day of December, 1890, for



Established 1857.

Our catalogue and circulars are very comprehensive and we take pleasure in sending them to all applicants. Send us the plans and full description of the rooms to be lighted, state the amount to be expended on fixtures and we will forward estimate with designs and return plans promptly.

I. P. FRINK, 551 PEARL STREET, NEW YORK.



PROPOSALS.

the iron beams, etc., for the first floor, basement columns, etc., for the United States Court-house, Post-office, etc., building at Detroit, Mich., in accordance with drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Detroit, Mich. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposal must be enclosed in an envelope sealed and marked "Proposal for the Iron Beams, etc., for the First Floor and Basement Columns, etc., for the United States Court-house, Post-office, etc., building at Detroit, Mich.," and addressed to JAS. H. WINDRIM, Supervising Architect.

November 25, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 18th day of December, 1890, for all the labor and material required for the approaches to the United States Post-office, etc., building at Brooklyn, N. Y., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Brooklyn, N. Y. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Approaches to the United States Post-office, etc., at Brooklyn, N. Y.," and addressed to JAS. H. WINDRIM, Supervising Architect.

November 26, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 17th day of December, 1890, for all the labor and materials required for concreting the floor of basement, etc., of the United States Court-house and Post-office at Pittsburgh, Pa., in accordance with drawing and specification, copies of which may be had on application at this office or the office of the Superintendent at Pittsburgh, Pa. Each proposal must be accompanied by a certified check for \$100. The Department will reject all bids received after the time herein stated for opening the same; also, all bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for Concrete Floors for the United States Court-house and Post-office building at Pittsburgh, Pa.," and addressed to JAS. H. WINDRIM, Supervising Architect.

November 28, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 23d day of December, 1890, for all the labor and materials necessary to complete the approaches, mailing platform, post-office lookout, etc., for the United States Court-house and Post-office building at Pittsburgh, Pa., in accordance with the drawings and specification, copies of which may be

FOR MANY YEARS PAST we have been supplying reflectors for lighting Churches, Halls, Theatres, Stores, Libraries, Art Galleries and Dwellings, and in doing so have succeeded in giving general satisfaction and in building up an unrivalled reputation. This is attested by the thousands of testimonials we have received, all of which we have pleasure in showing to any who call upon us.

Our reflectors are adapted for use with gas, kerosene, electric or day light. We manufacture different kinds adapted to different positions and for use under different circumstances.

Our goods are strongly endorsed by leading architects everywhere.

We have recently brought out a line of Polished Brass Gas and Electric Brackets, Chandeliers, Hall and Vestibule Lights, Pulpit Lights, etc., the best of each kind that is made.



THE CURTIS PATENT RETURN STEAM TRAP.

It is noiseless, positive, rapid, will return all condensation back into the boiler and works equally well in connection with reduced pressure of exhaust steam, also when the return is below the water line of the boiler.

THE CURTIS REGULATOR CO., No. 31 Beverly St., Boston.

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"HARD OIL FINISH"

This article has been in general use for the past fifteen years, and is acknowledged the standard for house-finishing. It preserves the natural color of the wood and increases the beauty of the grain.

As its great success has brought out imitations, be sure that our brand or label is on every package.

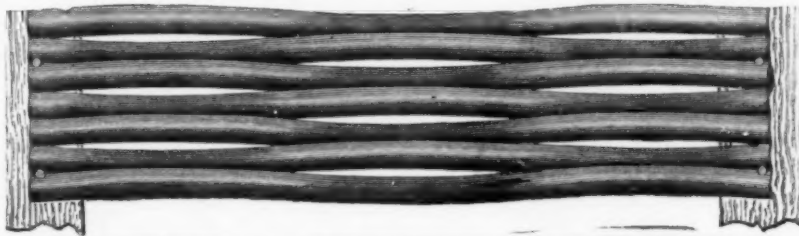
We will furnish samples of finished wood on application.

BERRY BROTHERS, Varnish Manufacturers, Detroit, Mich.

FOR OUTSIDE DOORS AND OTHER EXPOSED WORK USE

"BERRY BROTHERS' ELASTIC OUTSIDE FINISH."

FIREPROOF METAL LATH.



The Cheapest and Most Effective Fireproofing known. Saves largely in Plaster and Labor over Wire Lath, and is immeasurably Superior to all other kinds of Metal Lath in use.

INDORSED BY ARCHITECTS, CONTRACTORS AND PLASTERERS WHEREVER KNOWN.

Samples and Prices on application.

PENINSULAR METAL WORKS, Detroit, Mich.

Office and Works: 1 Lincoln Ave. & R. R.

PROPOSALS.

had on application at this office or the office of the Superintendent at Pittsburgh, Pa. Each bid must be accompanied by a certified check for \$300. The Department will reject all bids received after the time herein stated for opening the same; also, all bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for Approaches, etc., for the United States Court-house and Post-office, etc., building at Pittsburgh, Pa.," and addressed to JAS. H. WINDRIM, Supervising Architect.

United States Engineer Office, 34 West Congress Street, Detroit, Mich., November 28, 1890. Sealed proposals, in triplicate, for furnishing all materials

PROPOSALS.

and labor, and building the masonry of a lock at St. Mary's Falls Canal, Mich., will be received at this office until 2 o'clock P. M., January 27, 1891, and then publicly opened. Preference will be given to materials of domestic production or manufacture, conditions of quality and price (import duties included) being equal. Attention is invited to Acts of Congress approved February 26, 1885, and February 23, 1887, Vol. 23, page 832, and Vol. 24, page 414, Statutes at Large. The Government reserves the right to reject any or all proposals; also to award the contract upon other considerations than the price. For further information apply at this office or to the United States Engineer Office, Sault Ste. Marie, Mich. O. M. POE, Colonel Corps of Engineers, Bvt. Brig. Gen., U. S. A.

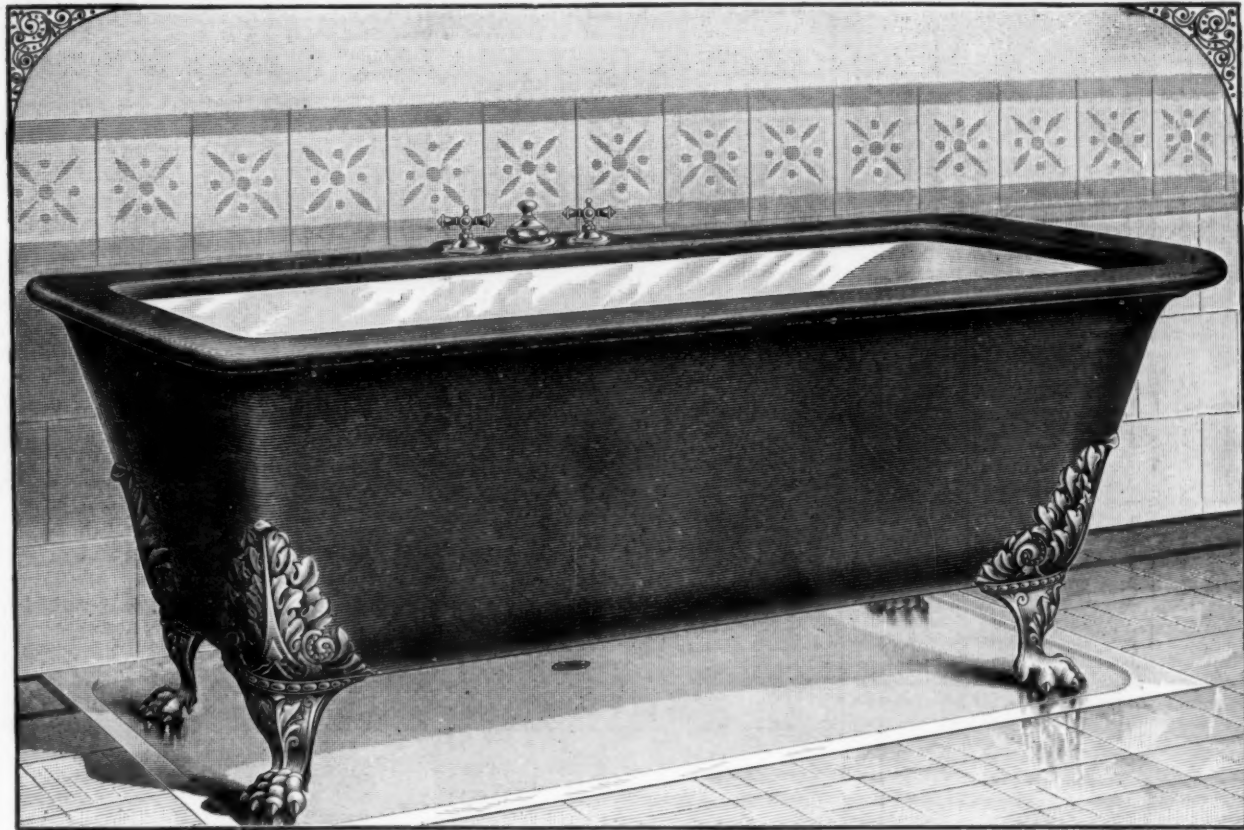


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The J. L. MOTT Iron Works.

88 and 90 Beekman Street, NEW YORK.

311-313 Wabash Avenue, CHICAGO.



Copyright, 1888, by The J. L. MOTT IRON WORKS.—Plate 29-G.

Porcelain-lined Roman Bath, with Supply Fittings and "Unique" Waste, and Bronzed Iron, Polished or Nickel-plated Cast Brass Legs and Hardwood or Cast Brass Rim. The Roman Bath is the outcome of the growing desire to have plumbing appliances set up without any, or at least very little, cabinet work; for this purpose the Roman Bath is well adapted, as it renders unnecessary the exposure of the pipes and fittings and is very artistic and symmetrical. The fittings, being at the back of the tub, can be easily reached by the bather.

[See Alphabetical Index on page VII for Pagination.]

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[Advertisers can be indexed only under a single head free of charge.]

- Aluminum.**
Coville Electric Smelting and Aluminum Co., Cleveland, O.
- Annunciators.**
W. R. Ostrander & Co., New York.
- Architect's Materials.**
Frost & Adams, Boston. (cow)
Queen & Co., Philadelphia, Pa.
- Artificial Stone.**
Wichin Pavement Co., New York, N. Y. (cow)
- Asbestos.**
Asbestos Packing Co., Boston, Mass.
Asbestos Felt & Boiler Coverings.
H. W. Johns Mfg. Co., New York.
Asbestos Felt. H. F. Watson, Erie, Pa.
Asbestos Paint.
H. W. Johns Mfg. Co., New York.
- Asphalt.**
Matt Taylor Paving Co., New York.
Neuchatel Asphalt Co., New York.
New York Mastic Works.
E. H. Wootton, New York.
- Asphalt Roofing.**
Warren Chemical & Mfg. Co., New York.
- Basin Cocks.**
H. A. Williams Mfg. Co., Boston, Mass. (mon)
- Bath-Tub.** Miller & Coates, New York.
J. L. Mott Iron Works, New York.
Oregon Indurated Co., Oregon, N. Y.
- Bells.** Blake Bell Co., Boston.
- Board Measure Table.**
C. L. Rogers, Milton, Pa.
- Boilers.**
Babcock & Wilcox Co., New York.
Gorton & Lidgerwood Co., New York. (cow)
Harrison Safety Boiler Works, Philadelphia, Pa.
Randolph & Clowes, Waterbury, Conn.
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Babcock & Wilcox Co., New York.
Wm. T. Comstock, New York.
Ticknor & Co., Boston.
- Brass Goods.**
J. B. Shannon & Sons, Philadelphia. (mon)
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Burns, Russell & Co., Baltimore, Md.
Howard Fleming, New York. (cow)
Hydraulic Press Brick Co., St. Louis.
Memomonic Pressed Brick Co., Menomonic, Wis.
Peerless Brick Co., Philadelphia, Pa.
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- Brick Machine.**
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Bureau Bros., Philadelphia, Pa. (mon)
- Building Felt (Fire and Waterproof).**
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- Building Papers.**
H. F. Watson, Erie, Pa.
Standard Paint Co., New York, N. Y.
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H. S. Northrup, New York
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F. O. Norton, New York.
- Cement.**
Allen's Cement Works, New York, N. Y. (cow)
Bastier & Meyerstein, New York.
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Dickinson Bros. & King, New York. (cow)
E. W. Fisher, New York.
Howard Fleming, New York. (cow)
Johnson & Wilson, New York.
J. B. King & Co., New York. (cow)
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Soudieries Standing-Beam Conductor Co., Allegheny, Pa.
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J. B. Tiffany & Co., New York, N. Y.
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Volney W. Mason & Co., New York.
Moore & Wyman, Boston.
Otis Brothers & Co., New York.
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- Elevator Engine.**
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- Engines (Caloric Pumping).**
DeLamater Iron Works, New York.
- Engines (Gas).**
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- Express.**
The International Express, New York.
- Filler.**
W. T. Lindeman & Co., Philadelphia, Pa.
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Pioneer Fireproof Construction Co., Chicago, Ill.
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- Fireproof Construction.**
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- Fireproof Lathing.**
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National Wood Mfg. Co., N. Y.
- Force Pump.**
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- Furnaces.**
Boylston Furnace Co., New York.
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J. Reynolds & Son, Philadelphia, Pa. (mon)
Hudway Furnace Co., Boston, Mass. (cow)
- Furniture.**
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Turrell Gas-Machine Co., New York.
- Gates.**
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- Glass (Stained and Ornamental).**
Matland Armstrong & Co., New York.
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R. Gieseler, New York, N. Y.
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Page Steam-Heating Co., Norwich, Conn.
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- Hinges (Spring).**
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Continental Insurance Co., N. Y. (cow)
Employers' Liability Assurance Corporation, London, England. (cow)
Insurance Co. of North America, Phila.
New England Mutual Accident Association.
- Iron-Work (Architectural).**
Belmont Iron Works, Philadelphia, Pa.
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Chrome Steel Works, Brooklyn, N. Y. (cow)
Columbia Iron Steel Co., Pittsburgh, Pa.
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Jackson Architectural Iron Works, N. Y.
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Meeker & Bro., St. Louis, Mo.
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Magnesia Sectional Covering Co., Ambler, Pa.
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- Opera-Chart.**
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Joseph Dixon Crucible Co., Jersey City, N. J.
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- Plaster.**
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- Plaster Boards.**
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- Plate Glass.**
Pittsburgh Plate Glass Co., Creighton. (cow)
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T. H. Dugan, Boston.
Henry Husey & Co., Boston, Mass.
Tucker & Titus, Boston.

Hanover Portland Cement,

The Highest Grade Imported exclusively by
**BAETJER & MEYERSTEIN, 5 Dey St.
NEW YORK.**

Over 100,000 barrels of our Cement were used in the construction of the magnificent Ponce de Leon Hotel, and other buildings, at ST. AUGUSTINE, Florida. Also Importers of German Rock Asphaltic Mastic

DICKINSON BROS. & KING, ENGLISH and GERMAN Portland Cements,

21-24 State Street, New York.
198 Market St., Chicago. 36 Carondelet St. New Orleans

COMPAGNIE GÉNÉRALE DES ASPHALTES DE FRANCE, Ld

Sole Proprietors of the Mines of Seyssel.



E. H. WOOTTON, 35 Broadway, N.Y.
General Agent for the United States and Canada, and Importer of Bitumen Damp-Course.

Extract from a letter written by Walter Katte.

Chief Engineer, dated October 23, 1885.

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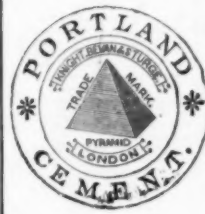
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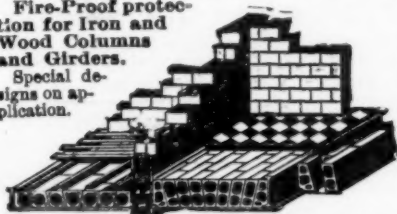
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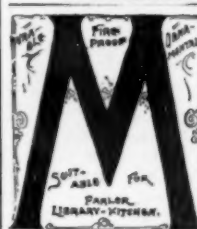
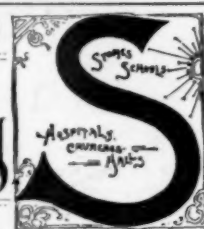
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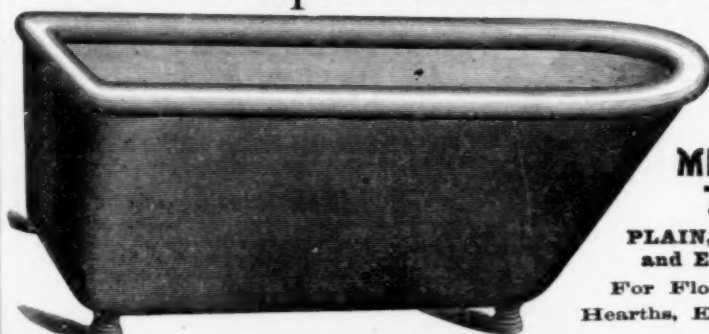
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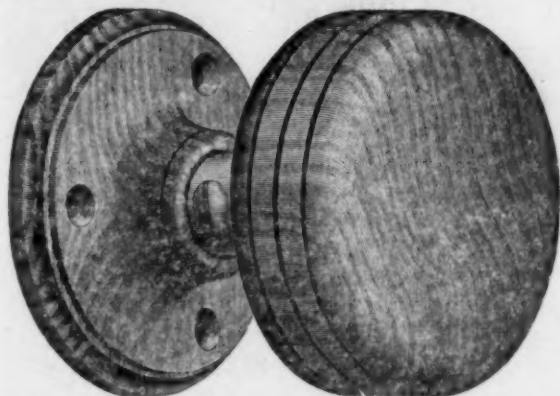
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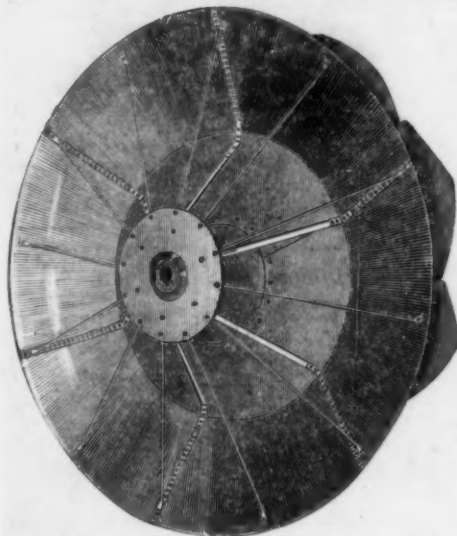
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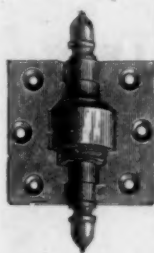
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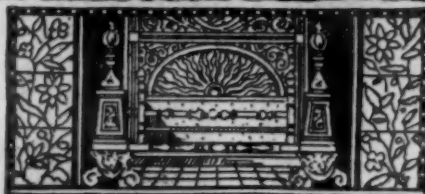
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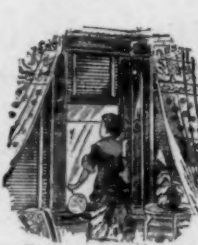
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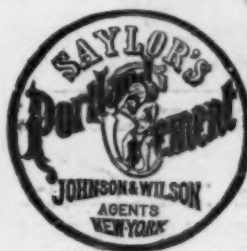
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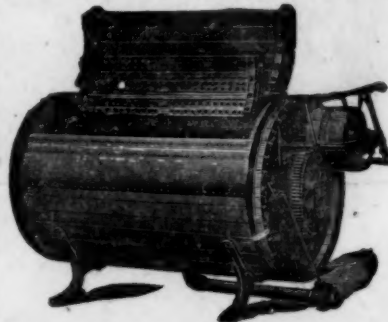
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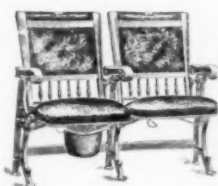
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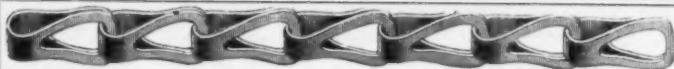
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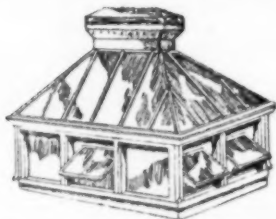
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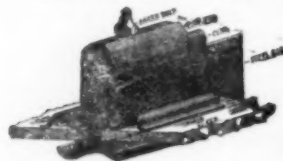
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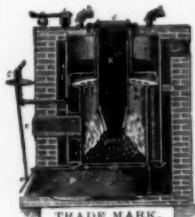
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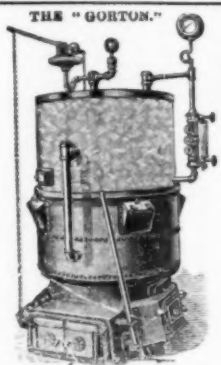
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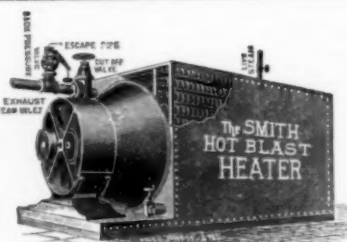


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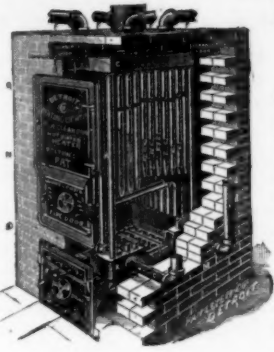
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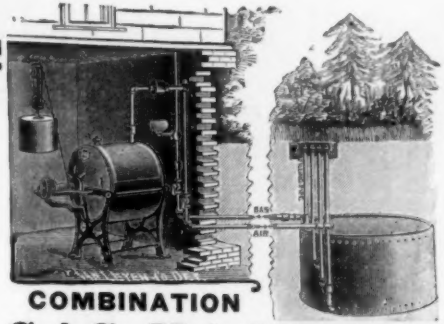
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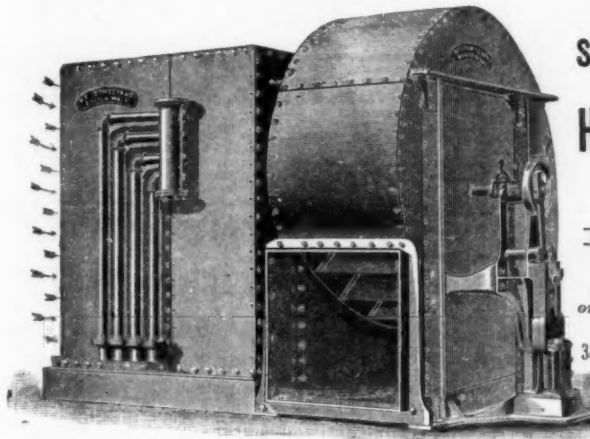
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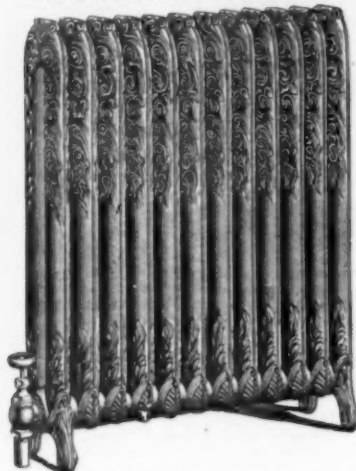
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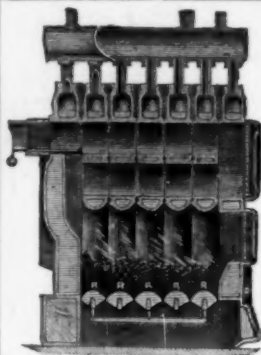


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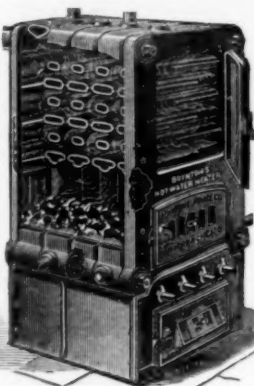
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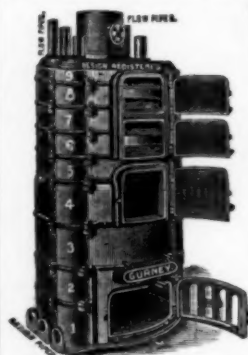
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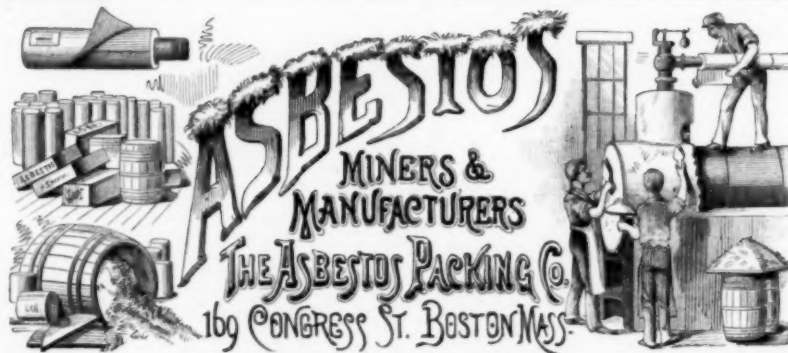
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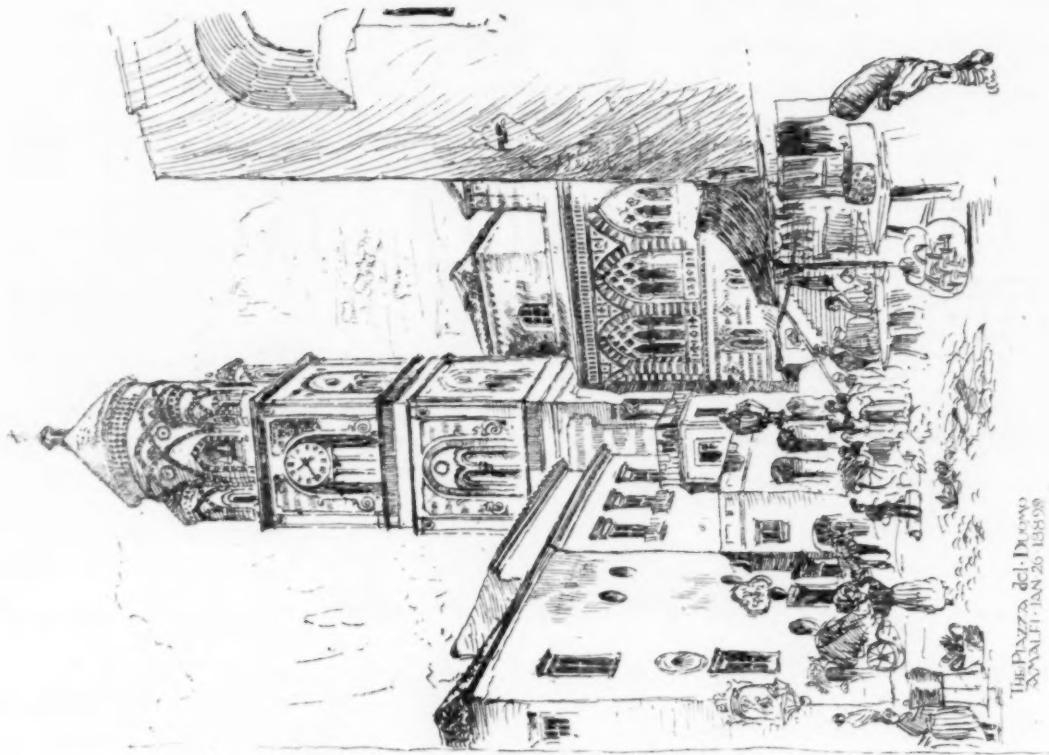


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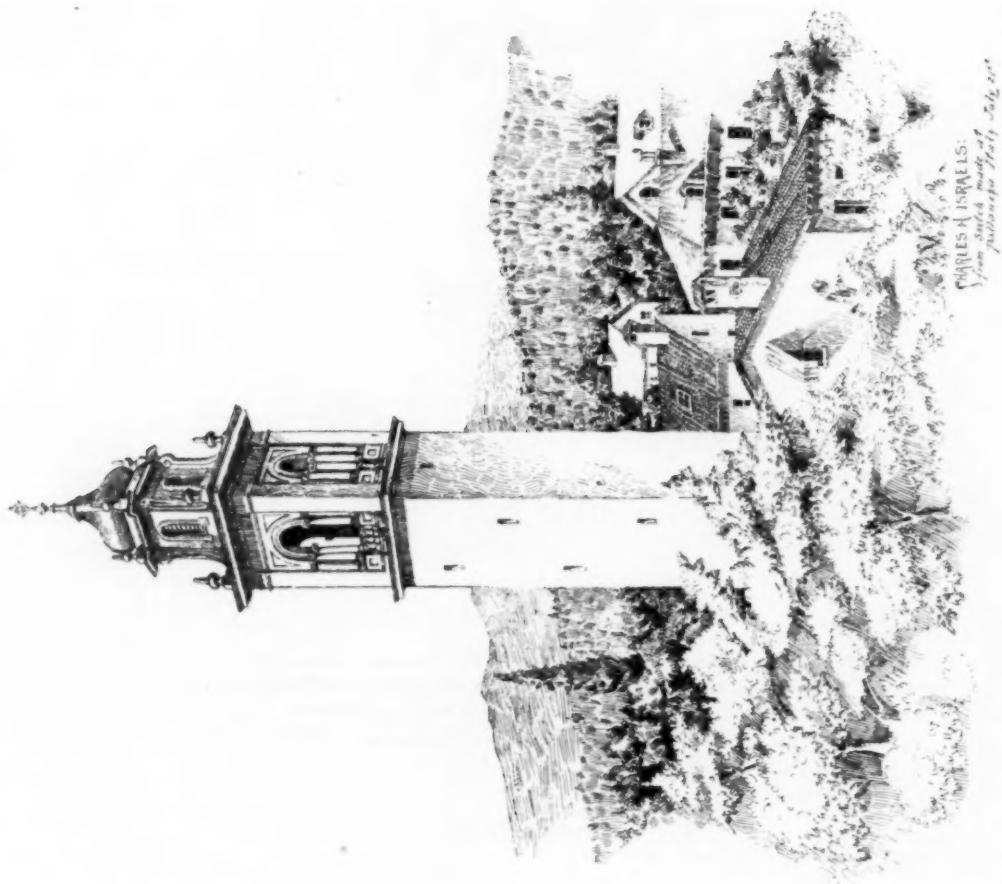
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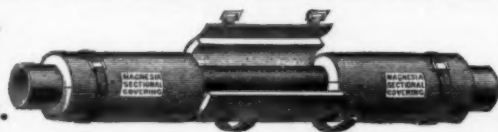
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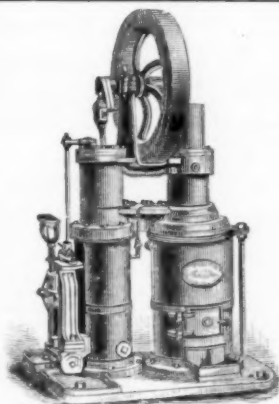
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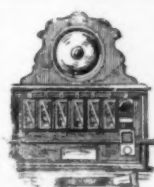
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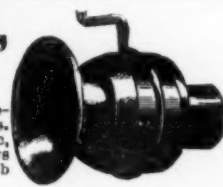


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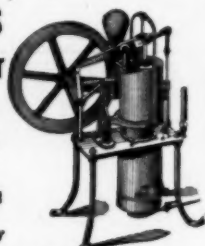
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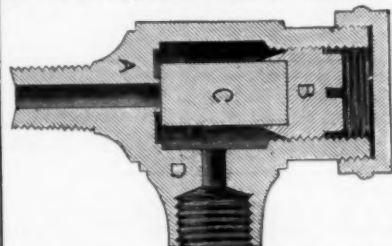
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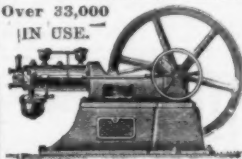
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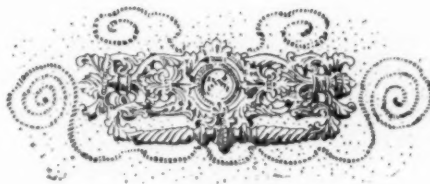
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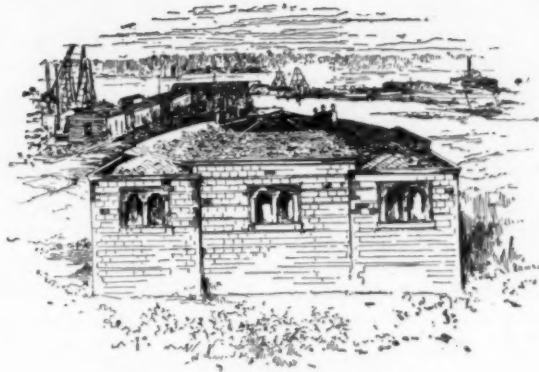
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The Commission reserves the right to reject any or all bids for the construction of said work, if they deem it for the best interests of the County so to do.

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Attest:
DANIEL B. PHILLIPS, Secretary.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

ALTERATIONS.

Boston, Mass.—*Dustin St.*, rear, near Cambridge St., Ward 25, alter stable for two dwells.; owner, Henry B. Goodnow.

Oneida St., No. 2, Ward 16, alter basement of tenement for stores; owner, Solomon Cohen; builder, D. McHugh.

Lowell St., No. 11, Ward 8, remodel first story for store; owner, M. Gordon; builder, M. McLean.

Washington St., cor. Summer St., Ward 10, alterations to stores; owner, Harvard College; architects, Rand & Taylor.

Boylston and Providence Sts., Ward 11, alterations to dwell. and store; owner, George R. White; builder, H. McLaughlin.

APARTMENT-HOUSES.

Chicago, Ill.—Eugene R. Maunder, three-sty flats, 1506 West Lake St.; cost, \$5,500.

Shields & Cook, 2 two-sty flats, Seventy-third St., near Perry St.; cost, \$7,500.

Sorenson & Swabach, two-sty flats, 953 Dania St.; cost, \$2,000.

H. Ellison, two-sty flats, 128 Humboldt St.; cost, \$1,800.

S. Ackerman, three-sty flats, 693 South Washburn St.; cost, \$3,500.

F. Schroeder, two-sty flats, 104 Racine Ave.; cost, \$3,200.

M. C. Tremain, 2 two-sty flats, 1223-25 West Adams St.; cost, \$12,000.

H. J. Dirk, three-sty flats, 1012 North Halsted St.; cost, \$4,000.

BUILDING INTELLIGENCE.

J. Braddock, two-sty flats, 195 Henry St.; cost, \$3,000.

E. J. Pidditch, two-sty flats, 5722 Atlantic St.; cost, \$2,000.

D. Swentin, two-sty flats, 5136 Indiana Ave.; cost, \$1,600.

Charles Melars, two-sty flats, 6331 Evans Ave.; cost, \$2,500.

Thomas F. Dal, two-sty flats, 6440 Langley Ave.; cost, \$1,700.

Charles Newman, 3 three-sty flats, 1529 West Adams St.; cost, \$10,000.

Michael Czeszewny, two-sty flats, 3541 Laurel St.; cost, \$4,800.

M. A. Hagorner, two-sty flats, 5643 Butterfield St.; cost, \$2,600.

F. L. Carlson, two-sty flats, 5714 Carpenter St.; cost, \$1,700.

Andrew Menalaki, two-sty flats, 8744 Sangamon Ave.; cost, \$1,200.

N. Beauford, two-sty flats, 5617 Wabash Ave.; cost, \$5,000.

Louis Peterson, two-sty flats, 89 Ninety-first St.; cost, \$2,800.

New York, N. Y.—*Essex St.*, No. 62, six-sty brick flat, tin roof; cost, \$24,000; owners, Fay & Stacum, 337 Pleasant Ave.; architect, Charles Kentz, 155 Fourth Ave.

East Eighty-sixth St., No. 211, five-sty brick flat, tin roof; cost, \$20,000; owner, Frank Wise, 14 East Eighty-seventh St.; architect, G. A. Schellinger, 128 Broadway.

Madison Ave., n e cor. One Hundred and Sixteenth St., seven-sty brick flat, tin roof; cost, \$95,000; owner, Edward Smith, 119 East Forty-seventh St.; architect, Franklyn Baylies, 52 Bible House.

One Hundred and Fourth St., s s, 142nd e Ninth Ave., five-sty brick flat, tin roof; cost, \$22,000; owner, Julia Kenoud, 243 West One Hundred and Thirty-first St.; architects, Walgrove & Isaacs, 99 Nassau St.

One Hundred and Fifth St., n s, 280th w Fourth Ave., 2 five-sty brick flats, tin roofs; cost, \$44,000; owner, John O'Connor, 1029 East One Hundred and Thirty-sixth St.; architect, John Hauser, 323 East Eighty-third St.

One Hundred and Nineteenth St., s s, 250th e Second Ave., five-sty brick flat, tin roof; cost, \$20,000; owner, Ernest C. Kerl, 340 East One Hundred and Nineteenth St.; architect, Edward Wenz, 1491 Third Ave.

Eighty-seventh St., s s, 62nd w Madison Ave., 2 five-sty brick flats, tin roofs; cost, \$44,000; owner, Louis Wirth, 106 East Eighty-first St.; architect, Edward Wenz, 1491 Third Ave.

One Hundred and Thirty-fifth St., n s, 375th e Willis Ave., 2 five-sty brick flats, tin roofs; cost, \$50,000; owner, James Morrow, 881 East One Hundred and Thirty-fourth St.; architects, Cleverdon & Putzell, 529 Broadway.

Clinton St., Nos. 147-149, five-sty brick flat, tin roof; cost, \$26,000; owner, Morris Jakobson, 152 Clinton St.; architect, Fred Ebeling, 3 First Ave.

Madison Ave., s w cor. One Hundred and Third St., 4 five-sty brick and stone flats; cost, \$80,000; owner, John S. Scott; architect, John C. Burne.

West Forty-first St., Nos. 119-121, five-sty flat; owner, Mrs. Jane Moncrief; architects, D. & J. Jardine.

Eighty-seventh St., s s, 83rd w Madison Ave., 2 five-sty brick and brownstone flats; cost, \$50,000; architect, Edward Wenz.

Providence, R. I.—Apartment house, two and one-half stories, four flats, 50th x 60th; owner, E. A. Cook; contract to be let; architects, Lewis & Paine, Boston.

St. Louis, Mo.—Two-sty brick flats; cost, \$4,000; owner and contractor, L. McLaughlin.

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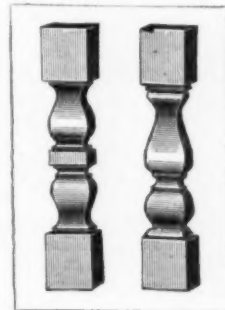
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CHURCHES.

Chicago, Ill.—St. Simon's Lutheran Church, 63 Pierce St.; cost, \$2,500.

St. Ansgarius Danish Lutheran Church, Washburn Ave., near North Ave.; cost, \$3,500.

St. Louis, Mo.—Two-sty brick church; cost, \$8,600; owner, Baptist Church; contractors, C. A. Dicke & Co.

FACTORIES.

Boston, Mass.—*Fulda St.*, Ward 21, three-sty brick factory, flat roof, 75' x 180'; owners and builders, Dennison Manufacturing Co.

Brooklyn, N. Y.—*Willoughby Ave.*, n e cor. Grand Ave., three-sty brick clock factory, tar and gravel roof; cost, \$30,600; owner, Morris Building Co., 26 Broadway, New York City; architect, Benj. Wright, 26 Broadway, New York City.

Charlestown, Mass.—*Medford St.*, Nos. 465-487, three-sty brick cracker factory, 110' x 225'; cost, \$77,270; owners, United States Baking Co.; builders, Johnson Bros.; architects, Shepley, Rutan & Coolidge, Boston.

Chicago, Ill.—John A. Schoen, four-sty factory, 495-498 Clybourn Ave.; cost, \$8,000.

Thomas Dougal, two-sty factory, 139 Hickory St.; cost, \$3,000.

Abbott Buggy Co., four-sty factory, Seventy-sixth and Wallace Sts.; cost, \$20,000.

Woolf Manufacturing Co., three-sty factory, 806-822 Carroll Ave.; cost, \$4,000.

A. M. Richardson, six-sty factory, 309 Washington Boulevard; cost, \$25,000.

St. Louis, Mo.—One-sty brick factory; cost, \$3,500; owners, J. W. Garrett & Co.; contractor, A. H. Haesseler.

Four-sty brick factory; cost, \$25,000; owners, St. Louis Lead & Oil Co.; sub-let.

Two-sty brick factory; cost, \$4,000; owner, J. H. Terry; contractors, J. W. Barnes & Co.

HOTELS.

Mandeville, La.—The building of a hotel, to cost \$1,000,000, is contemplated by Western capitalists.

HOUSES.

Boston, Mass.—*Commonwealth Ave.*, near Charles Gate, East, Ward 22, four-sty brick dwell., flat roof, 24th x 36th; owner, Richard Olney; builders, McKim, Mead & White.

Commonwealth Ave., near Charles Gate, East, Ward 22, four-sty brick dwell., flat roof, 28th x 33th; owner, F. I. Amory; builders, McKim, Mead & White.

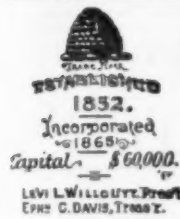
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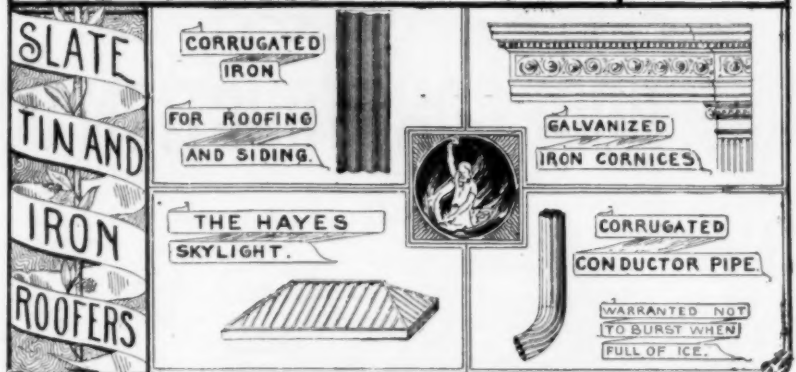
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BUILDING INTELLIGENCE.

Webster St., Nos. 234-236, Ward 2, 2 three-st'y frame dwells, flat roofs, 21' x 69' and 22' x 69'; owner and builder, John McCormick.
Neponset Ave., near Ashmont St., Ward 24, frame dwell., 23.6' x 36'; owner, John Doody; builder, W. J. Hatch.
Arundel Park, near Ashmont St., Ward 24, three-st'y frame dwell., hip roof, 26.4' x 38.10'; owner, C. F. Kittredge; builder, W. J. Smith.
Nelson St., near Evans St., Ward 24, frame dwell., 27' x 35'; owner and builder, W. A. Macauley.
B St., cor. Tudor St., Ward 13, three-st'y frame dwell., 23.7' x 45'; owner, M. A. Holland.
Barstow St., near Saunders St., Ward 25, frame dwell., 24.6' x 28.6'; owner, Homer Rogers; builder, D. Baldwin.
Bradbury St., near Franklin St., Ward 25, frame dwell., 24.6' x 28.6'; owner and builder, Dwight Baldwin.
Codman St., near Dorchester Ave., Ward 24, three-st'y frame dwell., 25' x 48'; owner, James Reid; builder, James Davidson.
Barstow St., near Saunders St., Ward 25, frame dwell., 25' x 36'; owner, Homer Rogers; builder, D. Baldwin.
Bradbury St., near Franklin St., Ward 25, frame dwell., 25' x 36'; owner and builder, Dwight Baldwin.
Ashmont St., near Adams St., Ward 24, frame dwell., 25' x 43'; owners, Legg & Jacques; builder, W. T. Smith.
Evans St., near Hopkins St., Ward 24, frame dwell., 27' x 35'; owner and builder, W. A. Macauley.
B St., near Tudor St., 3 three-st'y frame dwells, 23' x 45'; owner, M. A. Holland.
Paul Gore St., near Centre St., three-st'y frame dwell., 25.6' x 52'; owner, I. W. Crozier; builder, E. W. Seldon.
Harvest St., near Dorchester Ave., Ward 15, frame dwell., 28' x 44'; owner, Monica Lavin; builder, John Deegan.
Bennington St., near Swift St., Ward 1, frame dwell., 20.6' x 47'; owner, Ann Kenney; builder, John G. Martin.
Lexington St., Nos. 278-280, Ward 1, 2 frame dwells, 20' x 36'; owner, Ebenezer N. McPherson; builders, Frame & McPherson.
Dorchester Ave., near Dorset St., Ward 15, three-st'y frame dwell., 25' x 46'; owner, William Hawley; builder, David Currier.
Correy St., Ward 23, frame dwell., 30' x 39'; owner, Jason S. Bailey; builder, M. A. Blanchard.
Buchanan Ct., Ward 25, frame dwell., 23' x 48'; owner and builder, L. P. Atwood.
Tolman St., near Neponset Ave., Ward 24, frame dwell., 22' x 36'; owner, M. Dyer, Jr.; builder, Isaac Morse.
Jones Ave., near Ballou Ave., Ward 34, frame dwell., 20' x 36'; owner, James McCracken.
Brookline, Mass.—Frame dwell., 30' x 60', old colonial style; owner, J. J. E. Rothery; builder, L. F. Tarbox; architects, Loring & Phipps, Boston.
Brooklyn, N. Y.—First Pl., s. s. 225' e Court St., five-st'y brick dwell., tin roof; cost, \$11,000; owner, James Finlay, 81 New St., New York; architects, J. J. Kurst & Co., 81 New St., New York.
Marion St., No. 230, two-st'y brick dwell., tin roof; cost, \$3,500; owner, Charles Hamm, 228 Marion St.; architect, Emile Henkel, East New York Ave., near Sackman St.
Jerome St., w. s. 200' e Eastern Parkway, 2 two-st'y frame dwells, tin roofs; cost, \$2,000 each; owner and architect, J. E. Vincent, 2926 Atlantic Ave.
Belmont Ave., s. s. 29' e Atkins Ave., 4 two-st'y frame dwells, tin roofs; cost, \$3,500; owners, Donald and Mary E. Laing, Atkins Ave., near Belmont Ave.
Shepherd Ave., w. s. 180' n Ridgewood Ave., 6 two-st'y frame dwells, tin roofs; cost, \$2,500 each; owner, James Graham, 122 Cleveland St.
Huntington St., s. s. 131' 6" w Hicks St., three-st'y frame dwell., tin roof; cost, \$3,500; owner, Henry Rowe, 30 Huntington St.; architect, C. M. Detlefsen, 164 Conover St.
Rainbridge St., n. s. 23' e Saratoga Ave., 5 two-st'y brick dwells, tin roofs; cost, \$4,000 each; owner, Samuel R. Good, 214 Ralph Ave.; architect, Harry A. Sibley, 214 Ralph Ave.

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BUILDING INTELLIGENCE.

Ridgewood Ave., s. e. cor. Elton St., two-st'y frame dwell., shingle roof; cost, \$4,000; owner, Mrs. Margaret Josiah, Ridgewood Ave. and Essex St.; architect, Wm. Josiah, Ridgewood Ave. and Essex St.
Sumpter St., n. s. 100' w Saratoga Ave., three-st'y frame dwell., tin roof; cost, \$4,500; owner, Charles A. Rose, 223 Stuyvesant Ave.
Vermont Ave., w. s. 150' n Jamaica Ave., 2 three-st'y frame dwells, tin roofs; cost, \$3,500; owner, Leonard Pfeiffer, Vermont Ave., near Sunnyside Ave.; architect, K. F. Schmidt, Eastern Parkway, near Van Sien Ave.
Thadford Ave., s. s. 150' e Belmont Ave., two-st'y frame dwell., tin roof; cost, \$3,500; owner, Louis Rattner, Osborn St.
Saratoga Ave., w. s. 80' n Herkimer St., 2 three-st'y brick dwells, felt and gravel roofs; cost, \$5,000 each; owner, George H. Gibby, 76 Hoyt St.; architect, E. Nessler, 13 Ocean Pl.
Quincy St., s. s. 24' w Throop Ave., 4 two-and-one-half-st'y brick dwells, tin roofs; cost, \$4,000 each; owner, William Gibson, 939 Lafayette Ave.; architects, J. D. Reynolds & Son, 363 Fulton St.
Second Ave., s. s. 20' n Fifty-fourth St., three-st'y frame dwell., tin roof; cost, \$3,000; owner, Levie Martin; architect, Thomas Bennett, Forty-ninth St. and Third Ave.
Madison St., s. s. 100' e Hamburg Ave., 12 two-st'y frame dwells, tin roofs; total cost, \$33,600; owner, George A. Craig, 1270 Madison St.
South Fifth St., s. s. 150' w Union St., three-st'y brick dwell., tin roof; cost, \$10,000; owner, F. Kremer, 450 South Fifth St.; architect, Frank Holmberg, 1161 Broadway.
Garnet St., s. s. 100' e Court St., 4 four-st'y brick dwells, tin roofs; cost, \$5,000 each; owner, A. C. Hartington, 35 Garnet St.; architect, G. Curtis Gillespie, 186 Remsen St.
Madison St., n. s. 100' w Patchen Ave., two-st'y brick dwell., tin roof; cost, \$4,500; owner, J. Cary, 16 Reid Ave.; architect, A. Hyde, 847 Greene Ave.
Macon St., n. s. 180' e Reid Ave., three-st'y brick dwell., tin roof; cost, \$7,500; owner, F. C. Swimm, 358 Putnam Ave., architects, Amzi Hill & Son, 1167 Fulton St.
Albany Ave., w. s. 21' 30" n Butler St., 8 two-st'y brick dwells, tin roofs; cost, \$4,000 each; owners, Taber & Carr, 204 Montague St.; architects, Amzi Hill & Son, 1161 Fulton St.
Cooper St., s. s. 100' w Bushwick Ave., 2 four-st'y brick dwells, tin roofs; cost, \$7,000 each; owner, Ernst Sutterlin, 224 Howard Ave.; architect, Chas. Infanger, 68 Van Sien Ave.

BUILDING INTELLIGENCE.

Cambridge, Mass.—Near North Ave., frame dwell., 40' x 40'; owner, Mr. Jameson; contract to be let; architects, Loring & Phipps, Boston.
Chicago, Ill.—Max Schmid, cottage, 294 Woodside St.; cost, \$1,000.
J. Windenstock, three-st'y dwell., 788 Perry Ave.; cost, \$1,500.
J. N. Young, 6 two-st'y dwells, 6649-59 Honore St.; cost, \$17,000.
John Sheehan, two-st'y dwell., Seventy-third and Woodlawn Sts.; cost, \$1,500.
Mrs. L. Slocum, two-st'y dwell., Seventy-fifth and Jefferson Sts.; cost, \$1,500.
M. Millsbaugh, cottage, 2433 Indiana St.; cost, \$1,000.
William Polendon, cottage, 269 South Harmon St.; cost, \$1,200.
John W. Tennessee, three-st'y dwell., 3626 Prairie Ave.; cost, \$10,000.
Julius Thyrolph, cottage, 67 Tallman St.; cost, \$1,000.
E. L. Brown, two-st'y dwell., 4364 Lake Ave.; cost, \$4,000.
B. F. Weber, two cottages, Forest and High Ridge Aves.; cost, \$5,000.
Robert Smith, two-st'y dwell., 7777 Green St.; cost, \$4,000.
L. Conlin, two cottages, Torrance Ave., near One Hundred and Sixth St.; cost, \$1,300.
C. V. Kasson, three-st'y dwell., 148 Astor St.; cost, \$18,000.
George Burns, cottage, Bishop near Sixty-fourth Sts.; cost, \$1,500.
A. G. Berg, two-st'y dwell., 1390 Monroe St.; cost, \$1,500.
Joe Melon, cottage, Center St. near Evanston Ave.; cost, \$1,600.
J. L. Cochran, 3 three-st'y dwells, Winthrop St., near Grand Ave.; cost, \$18,000.
H. Cohn, two-st'y dwell., 42 Forbes St.; cost, \$11,000.
H. J. Voss, two-st'y dwell., 4804 Tracy Ave.; cost, \$2,800.
H. Levi, two-st'y dwell., 1022 Malcom St.; cost, \$2,000.
S. H. Warrick, two-st'y dwell., Evanston near Early Sts.; cost, \$4,000.
C. R. Balf, two-st'y dwell., Vernon Ave., near Sixty-ninth St.; cost, \$2,500.
Nels Johnson, 2 cottages, Linden St. and Fullerton Ave.; cost, \$1,800.
Fred. Kamelau, two-st'y dwell., 359 West Forty-second St.; cost, \$1,500.
C. P. Jones, cottage, 211 Clifton St.; cost, \$1,500.

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Detroit, Mich.—Spier & Rohns, architects, frame dwell., 229 Field Ave.; cost, \$3,500.
Robert Bell, 3 two-st'y brick dwells. and stores, 295-299 Grand River Ave.; cost, \$10,000; also frame dwell., 482 Hancock Ave.; cost, \$3,500.
A. McGovard, two-st'y frame dwell., 1005-07 Fourth Ave.; cost, \$3,000.
Henry Dehetre, frame dwell., 205 Boulevard; cost, \$3,000.
J. P. Martz, two-st'y brick dwell. and store, 691 Gratiot Ave.; cost, \$3,200.
F. R. Baselly, frame dwell., 71 Hamlin Ave.; cost, \$3,000.
W. M. Hildreth, two-st'y frame dwell. and barn, 761 Pequette Ave.; cost, \$3,500.
R. White, six frame dwells., 736, 742, 746, 748, 752 and 754 Ferry Ave.; cost, \$9,000.
R. M. Baham, two frame dwells., 1136 and 1142 Chene St.; cost, \$3,000; also two frame dwells., 541-543 Grandy Ave.; cost, \$3,000; and two frame dwells., 737 and 743 Kirby St.; cost, \$3,000.
R. Hill, brick dwell., 289-291 Fourth St.; cost, \$8,000.
G. W. Lloyd, architect, brick dwell., 708 Jefferson Ave.; cost, \$14,000.
M. W. Scott, 3 two-st'y brick dwells., 425, 433 and 444 Grand River Ave.; cost, \$12,000.
Harcus & Lange, two brick dwells., 305-307 Hancock Ave.; cost, \$5,000.
Malcolmson & Higginbotham, two-st'y brick dwell., 662 Howard St.; cost, \$3,000.
Jos. E. Mills, frame dwell., 253 Putnam Ave.; cost, \$6,000.
A. C. Varney, architect, three-st'y brick dwell., 247-249 John R St.; cost, \$3,000.
Henry Carey & Co., four brick dwells., 38-44 Erskine St.; cost, \$25,000.
R. J. Wilson, two-st'y frame dwell., 175 Theodore St.; cost, \$3,000.
Fred Gibson, 5 two-st'y frame dwells., 203, 205, 209, 211 and 215 Locust St.; cost, \$12,500.

Dorchester, Mass.—Brent St., frame dwell., ten rooms, 29' x 60'; owner, G. W. Brown; contract to be let; architects, Lewis & Paine, Boston.
Beacon St., brick dwell., four stories, 25' x 55'; owner, L. M. Merrill; contract to be let; architects, Lewis & Paine, 6 Beacon St., Boston.

Holyoke, Mass.—A. Perrault, frame brownstone dwell., Brown District; cost, \$3,500.

Malden, Mass.—Frame dwell., 26' x 34'; owner, A. T. Sylvester; contract to be let; architects, Loring & Phipps, Boston.

Minneapolis, Minn.—C. M. Rokey, brick veneer dwell., 412 Dupont Ave.; cost, \$7,000.
J. M. Bartlett, frame dwell., 1908 Portland Ave.; cost, \$10,000.

New York, N. Y.—Seventy-sixth St., No. 275, n. s. e. Tenth Ave., 4 four-st'y brick dwells., tin roofs; cost, \$100,000; owner, Duncan McKinley, 1492 Tenth Ave.; architect, Clarence True, Eighty-eighth St., near Boulevard.
Ninety-third St., s. s., 325' e. Amsterdam Ave., 5 four-st'y brick dwells., tin roof; cost, \$90,000; owner, architect and builder, W. P. Anderson, 54 West Ninety-fifth St.
East Tenth St., Nos. 3-5, 2 five-st'y brick dwells., tin roofs; cost, \$30,000; owner, Eva J. Coe and Martha R. Anderson, 8 Fifth Ave.; architect, G. E. Harney, 149 Broadway.
Ninety-second St., n. s., 200' w. Columbus Ave., 4 four-st'y brick dwells., tin roofs; cost, \$80,000; owner, Ferriter & Russell, 21 East One Hundred and Twenty-fifth St.; architect, G. F. Pelham, 1481 Broadway.
Ninety-second St., s. s., 100' e. Fifth Ave., 8 four-st'y brick dwells., tin roofs; cost, \$136,000; owner, Thomas Graham, 109 East Forty-fifth St.; builders, Dawson & Archer, 236 East Thirty-fifth St.
One Hundred and Sixtieth St., s. s., 237' e. St. Nicholas Ave., three-st'y brick dwell., tin roof; cost, \$6,000; owner, Justin E. Evans, 211 West One Hundred and Thirty-fifth St.; architects, Walgrove & Israel, 99 Nassau St.

Philadelphia, Pa.—Markle St., s. s. e. Terrace St., 2 two-st'y dwells.; contractor, Samuel S. Green, 302 Martin St.
Sixtieth St., w. s. s. Market St., two-st'y dwell.; owner, William N. Graham, s. w. cor. Market and Sixtieth Sts.
Springfield Ave., w. s. s. Forty-eighth St., 4 three-st'y dwells.; owner, A. G. Budd, 4011 Spring Garden St.
North Thirteenth St., No. 1641, rear on Camac St., three-st'y dwell.; owner, Peter Byrnes, 1217 Columbia Ave.

North Thirty-second St., n. Nineteenth St., two-st'y dwell.; contractor, George W. Matlack, 671 Union St.
Haverford St., s. s. w. Fifty-fourth St., 2 two-st'y dwells.; contractor, W. A. Patterson, 5330 Westminster Ave.
Herman St., n. s. e. Twenty-eighth St., 2 two-st'y dwells.; owner, Samuel Blair, 2727 Diamond St.
Freeland St., s. s. w. Roxborough, two-st'y dwell.; contractor, William H. Eddleman, 480 Green Lane.
Lex St., e. s. s. Brown St., 3 three-st'y dwells.; contractor, Gustav Nilsson, 760 North Forty-fourth St.
Sixth St., w. s. s. Cambria St., three-st'y dwell.; contractor, John McAnalty, 1831 North Second St.
Kensington Ave., No. 2642, two-st'y dwell.; contractors, Hotherhall & Cloak, 2551 Kensington Ave.
Garden St., No. 625, two-st'y brick dwell.; contractor, Joseph T. Myers, 576 Willow St.
Florence Ave., n. s. w. Fifth St., 2 two-st'y dwells.; contractor, John Terry, 2200 North Broad St.

Roxbury, Mass.—Harold St., frame dwell., 28' x 60'; ten rooms; owner, William Shaw; contract to be let; architects, Lewis & Paine, Boston.

St. Louis, Mo.—Two-st'y brick dwell.; cost, \$2,500; owner, Freeman Wright; contractors, Auger & Reisser.
Two-st'y brick dwell.; cost, \$2,500; owner, K. Haupt; contractor, F. Thelerman.
Two-st'y brick dwell.; cost, \$5,000; owner and contractor, S. S. Jones.
Two-st'y brick dwell.; cost, \$3,500; owner and contractor, J. Wagner.
Three-st'y brick dwell.; cost, \$12,000; owner, H. Christopher; sub-let.
Two-st'y brick dwell.; cost, \$4,400; owner, D. Nake; contractor, H. C. Ellerman.
Two-st'y brick dwell.; cost, \$5,000; owner, F. Von Duch; contractors, Klute & Hildebrand.
Three-st'y brick dwell. and shop; cost, \$5,000; owner, M. J. Finnegan; contractor, Thomas Roach.
Two-st'y brick dwell. and store; cost, \$12,000; owner, J. A. Lynch; sub-let.
Two-st'y brick dwell.; cost, \$4,500; owner and contractor, J. J. Bisantz.
Two-st'y brick dwell.; cost, \$10,000; owner, L. Stern; contractor, C. B. McCormack.
Two-st'y brick dwell.; cost, \$11,000; owner, L. Stern; contractor, C. B. McCormack.
Three-st'y brick dwell.; cost, \$5,000; owner, E. L. Green; contractor, C. B. McCormack.
Two-st'y brick dwell.; cost, \$2,500; owner, Thos. Wiley; contractor, Aug. Fanner.
Two-st'y brick dwell. and store; cost, \$3,800; owners and contractors, Cavanaugh Bros.
Two-st'y brick dwell.; cost, \$6,500; owner, H. Steimpel; contractor, H. F. Beinke.
Two-st'y brick dwell. and office; cost, \$14,000; owner, Thomas S. Noonan; contractors, Buse & Co.
Two-st'y brick dwell.; cost, \$2,750; owner, P. Condon; contractor, John Brennan.
Two-st'y brick dwell.; cost, \$3,600; owner and contractor, F. S. La Barge.
Two-st'y brick dwell.; cost, \$4,000; owner, John Bruno; contractor, F. S. La Barge.
Two-st'y brick dwell.; cost, \$3,000; owner, S. M. Coons; contractor, S. M. Gregerson.
Two-st'y brick dwell.; cost, \$3,500; owner, L. C. Jones; contractor, W. H. Clemens.
Two-st'y brick dwell.; cost, \$8,800; owner, F. A. Drew; contractors, J. W. Barnes & Co.
Two-st'y brick dwell.; cost, \$6,000; owner, W. L. Maury; contractor, G. U. Heimbarger.
Two-st'y brick dwell.; cost, \$6,000; owner, M. A. Donaldson; contractor, J. H. Keefe.
Two-st'y brick dwell.; cost, \$5,000; owner, E. H. Towner; contractor, D. G. Hughes.
Two-st'y brick dwell.; cost, \$3,800; owner, John McMahon; sub-let.
Three-st'y brick dwell.; cost, \$6,000; owner, M. Goetter; contractor, C. Wehking.
Three-st'y brick dwell.; cost, \$4,000; owner, Henry Pauly; contractor, John H. Drees.
Four two-st'y brick dwells.; cost, \$5,000 each; owner, C. R. H. Davis; contractor, D. G. Hughes.
Three two-st'y brick dwells.; cost, \$5,000 each; owner and contractor, J. Dwyer.
Three two-st'y brick dwells.; cost, \$2,900 each; owners, Gerry Bros.; contractor, Henry Duffner.
Three adjacent two-st'y brick dwells.; cost, \$4,500; owner, Mrs. E. Helm; contractor, Henry Helm.

(Continued on page 22.)

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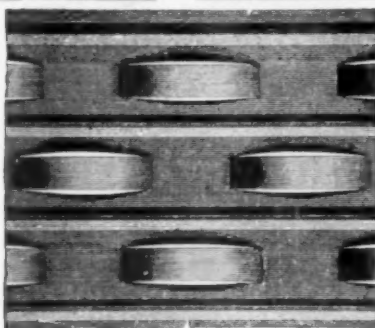
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Two-sty brick dwell.; cost, \$2,500; owner, J. Babka; contractor, T. F. Marley.
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Two-sty brick dwell. and store; cost, \$4,300; owners, R. P. Welle Baking Co.; contractor, Wm. Klute.
Three two-sty brick dwell.; cost, \$3,800 each; owner and contractor, Wm. Klute.
Two-sty brick dwell. and store; cost, \$6,400; owner, Conrad C. Lutz; contractor, John Walschauser.
Three-sty brick dwell.; cost, \$3,500; owner, Mrs. Ingola; contractor, C. M. Smiley.
Two-sty brick dwell.; cost, \$4,300; owner, B. Huser; contractors, Hetz & Hohenstein.
Two-sty brick dwell.; cost, \$3,000; owner, Mrs. Randolph; contractor, E. Paulus.
Two-sty brick dwell.; cost, \$3,500; owner, Mrs. Bischoff; contractor, E. Paulus.
Two-sty brick dwell.; cost, \$4,000; owner, Arthur Bell; sub-let.
Two-sty brick dwell.; cost, \$2,800; owner, Fritz Miller; contractor, Franz Mueller.
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Two-sty brick dwell.; cost, \$2,500; owner, A. Argenbright; contractor, F. H. Tacke.

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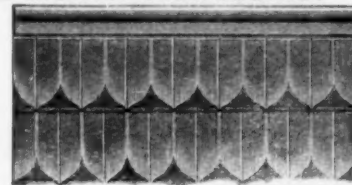
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Newton Centre, Mass.—Railway station, 30' x 80',
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granite and sandstone trimmings, for Old Colony
R. R. Co.; cost, \$30,000; builder, Charles H. Dodge;
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Chicago, Ill.—Board of Education, three-sty school,
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Campbell Ave.; cost, \$55,000.Board of Education, three-sty school-house, 200-
212 Jay St.; cost, \$55,000.Huntersville, Ala.—The building of a college for
females by the Baptists, to cost \$50,000, is contem-
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Bedford Park; cost, \$250,000; architects, N. Le
Brun & Sons.East Broadway, Nos. 191-197, five-sty brick indus-
trial school, patent tile roof; cost, \$120,000; owner,
Educational Alliance, 115 Broadway; architects,
Brunner & Tryon, 36 Union Square.St. Louis, Mo.—Two-sty school; cost, \$14,000; own-
ers, St. Louis Public Schools; contractors, Anderson
Bros.

STABLES.

Chicago, Ill.—H. Smith, one-and-one-half-sty barn,
4713 Greenwood St.; cost, \$1,500.Charles S. Winslow, two-sty barn, 275 Superior
St.; cost, \$2,900.New York, N. Y.—Thirty-fifth St., s. s. 127' e
Seventh Ave., six-sty stable; owners, Lowen &
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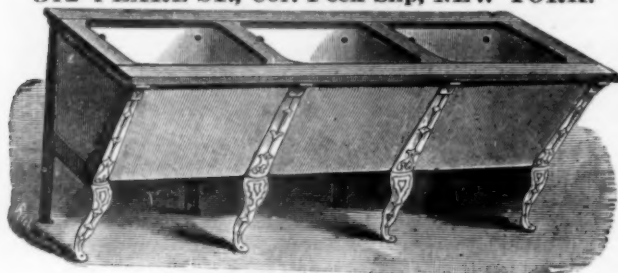
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BUILDING INTELLIGENCE.**Seventy-third St., n s, 323 e Avenue A, three-sty brick stable, tin roof; cost, \$10,000; owners, McGee & Lawton, 504 East Seventy-third St.; architect, Jas. J. Garigan, 525 East Seventy-third St.****Philadelphia, Pa.**— Salmon St., s s, n William St., two-sty stable; contractors, Arthur & Husband, 2373 Aramingo St.**St. Louis, Mo.**— Two-sty brick stable; cost, \$5,000; owner, C. D. Stiefel; contractors, C. Linnenkohl & Co.**STORES.****Boston, Mass.**— Harrison Ave., No. 104, two-sty iron store, 18.9' x 29.6'; owners, Merrill & Hunt; builder, H. S. Hussey.**Hanover St., Nos. 33-37, 2 six-sty brick stores, flat roofs, 32' x 73'; owner, E. J. Sparrow and F. Hodgdon, trustees; builders, L. P. Soule & Son; architect, Samuel D. Kelly.****Brooklyn, N. Y.**— Harmon St., n e cor. Wyckoff Ave., 4 three-sty frame stores and dwell., tin roofs; cost, \$4,500 each; owner, Mr. Zeiduler, Kosciuszko St.; architects, D. Acker & Son, 732 Broadway.**Second Ave., n e cor. Fifty-fourth St., three-sty frame store and dwell., tin roof; cost, \$3,000; owner, Levi Martin, Fifty-third St. and Third Ave.; architect, Thomas Bennett, Forty-ninth St. and Third Ave.****Floyd St., No. 243, four-sty frame store and dwell., tin roof; cost, \$22,000; owner, H. Ritting, 241 Floyd St.; architect, Frank Holmberg, 1161 Broadway.****Chicago, Ill.**— Thomas Mehan, three-sty store and flats, 5608 Lake Ave.; cost, \$4,000.**Daniel Merchman, two-sty store and dwell., 147 Fry St.; cost, \$2,500.****Harvey Sheeles, 2 four-sty stores and flats, 353-355 West Harrison St.; cost, \$22,000.****Louis Gerlinger, 5 four-sty stores and flats, 570-578 Blue Island Ave.; cost, \$50,000.****John McEwen, 2 five-sty stores and flats, 316-318 Wells St.; cost, \$30,000.****BUILDING INTELLIGENCE.****Albert Eggert, two-sty store and dwell., 448 Fulton Ave.; cost, \$1,500.****Frank Loos, two-sty store and flats, 1182 West Twenty-third St.; cost, \$3,000.****John T. Taughey, three-sty store and flats, 420 California Ave.; cost, \$3,500.****H. J. Madison, three-sty store and flats, 5646 Wentworth Ave.; cost, \$3,200.****August Mahke, two-sty store and flats, Campbell and Wabasha Aves.; cost, \$1,500.****A. Dunlevy, six-sty store, 251-253 Wabash Ave.; cost, \$30,000.****F. W. Meyer, store, Kensington St., near Front St., cost, \$2,000.****John Matthews, store, 1411 North Clark St.; cost, \$2,000.****B. S. Thedorson, two-sty store and dwell., 15 South Milton St.; cost, \$3,000.****Thomas Doyle, two-sty store and dwell., 6865 Green St.; cost, \$1,800.****V. Kolan, four-sty store, 521 West Eighteenth St.; cost, \$12,000.****Aug. Gross, four-sty store and flats, 636 Wells St.; cost, \$12,000.****P. Corcoran, three-sty store and flats, 402 Forty-seventh St.; cost, \$10,000.****Paul Ratkowsky, 2 four-sty stores and flats, 632-634 Noble St.; cost, \$14,000.****P. C. Shouley, two-sty store and dwell., 9426 Commercial Ave.; cost, \$1,500.****William Wilkie, two-sty store and flats, 501 South California Ave.; cost, \$4,500.****Frank Follansbee, two-sty store and dwell., 186 Twenty-third St.; cost, \$4,500.****Cincinnati, O.**— Henry Muhlhauer, brick and stone stores, Fifth and Elm Sts.; cost, \$2,500; architect, Adam Bast.**New York, N. Y.**— Hudson St., Nos. 95-99, six-sty brick store, metal roof; cost, \$30,000; owner, John Williams, 871 Madison Ave.; architects, John B. Snook & Son, 12 Chamber St.**St. Louis, Mo.**— Two-sty brick store and flats; cost, \$7,000; owners, Brennan Bros.; sub-let.

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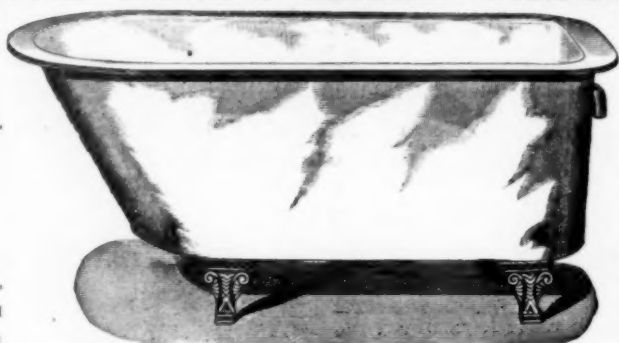
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Four-story brick brewery and storage-house; cost, \$15,000; owners, Anheuser-Busch Brewing Association; sub-let.

Three-story brick building; cost, \$4,000; owner and contractor, H. M. Filley.

Brick glass-house; cost, \$5,000; owner and contractor, Adolph Bush.

PROPOSALS.

December 4, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 5th day of January, 1891, for all the labor and materials required for the approaches to the United States Court-house, Post-office, etc., building at Louisville, Ky., in accordance with the drawing and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$500. The Department will reject all bids received after the time herein stated for the opening of the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in an envelope sealed and marked "Proposal for the Approaches to the United States Court-house, Post-office, etc., building at Louisville, Ky.," and addressed to JAS. H. WINDRIM, Supervising Architect.

United States Engineer Office, 34 West Congress Street, Detroit, Mich., November 28, 1890. Sealed proposals, in triplicate, for furnishing all materials and labor, and building the masonry of a lock at St. Mary's Falls Canal, Mich., will be received at this office until 2 o'clock P. M., January 27, 1891, and then publicly opened. Preference will be given to materials of domestic production or manufacture, conditions of quality and price (import duties included) being equal. Attention is invited to Acts of Congress approved February 26, 1885, and February 23, 1887, Vol. 23, page 832, and Vol. 24, page 414, Statutes at Large. The Government reserves the right to reject any or all proposals; also to award the contract upon other considerations than the price. For further information apply at this office or to the United States Engineer Office, Sault Ste. Marie, Mich. O. M. POE, Colonel Corps of Engineers, Bvt. Brig. Gen., U. S. A.

November 28, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 22d day of December, 1890, for all the labor and materials necessary to complete the approaches, mailing platform, post-office lookout, etc., for the United States Court-house and Post-office building at Pittsburgh, Pa., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Pittsburgh, Pa. Each bid must be accompanied by a certified check for \$300. The Department will reject all bids received after the time

PROPOSALS.

herein stated for opening the same; also, all bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for Approaches, etc., for the United States Court-house and Post-office, etc., building at Pittsburgh, Pa.," and addressed to JAS. H. WINDRIM, Supervising Architect.

November 26, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 17th day of December, 1890, for all the labor and materials required for concreting the floor of basement, etc., of the United States Court-house and Post-office at Pittsburgh, Pa., in accordance with drawing and specification, copies of which may be had on application at this office or the office of the Superintendent at Pittsburgh, Pa. Each proposal must be accompanied by a certified check for \$100. The Department will reject all bids received after the time herein stated for opening the same; also, all bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for Concrete Floors for the United States Court-house and Post-office building at Pittsburgh, Pa.," and addressed to JAS. H. WINDRIM, Supervising Architect.

November 26, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 17th day of December, 1890, for all the labor and material required for the approaches to the United States Post-office, etc., building at Brooklyn, N. Y., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Brooklyn, N. Y. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposal must be enclosed in an envelope sealed and marked "Proposal for the Iron Beams, etc., for the First Floor and Basement Columns, etc., for the United States Court-house, Post-office, etc., building at Detroit, Mich.," and addressed to JAS. H. WINDRIM, Supervising Architect.

November 25, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 18th day of December, 1890, for all the labor and material required for the approaches to the United States Post-office, etc., building at Brooklyn, N. Y., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Brooklyn, N. Y. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Approaches to the United States Post-office, etc., at Brooklyn, N. Y.," and addressed to JAS. H. WINDRIM, Supervising Architect.

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The American Architect and Building News

—FOR 1891.—

During the coming year the publication of the following Serial Papers will be continued, and in some cases completed: "SAFE BUILDING," by Mr. Berg; "ANCIENT ARCHITECTURE FOR STUDENTS," by Mr. Gambier-Bousfield; "ARCHITECTURAL SHADES AND SHADOWS," by Prof. Hamlin; and the papers on "EQUESTRIAN MONUMENTS." All of these papers are fully illustrated, and their character well understood.

We have also been given to understand that it will be possible to resume publication of the following interrupted serial papers: "ARCHITECT, BUILDER AND CLIENT BEFORE THE LAW," by Mr. T. M. Clark, and "OLD COLONIAL WORK IN VIRGINIA," by Mr. A. B. Bibb, with illustrations.

NEW MATTER WILL BE REPRESENTED BY THE FOLLOWING SERIAL PAPERS:

"The Life and Works of Emanuel Fremiet, Sculptor."

By TRUMAN H. BARTLETT, Sculptor.

Mr. Bartlett has enjoyed the friendship of his subject for many years, and while he judges with discretion, infuses into his criticism the warmth of friendship. An unusual number of illustrations will add interest to these papers, many of them showing work which is quite unknown even to those well informed as to modern sculpture.

"American Construction through English Eyes."

Under this heading will be published the observations on our methods of building made by Mr. A. Arthur Cox, holder of the Godwin Bursary, who has travelled widely in this country, and has taken copious notes with pen and pencil of whatever seemed merely curious, or valuable and unknown to English architects.

"Construction."

The most useful article in Viollet-le-Duc's "*Dictionnaire Raisonné de l'Architecture*" is the long and elaborately illustrated article "Construction." A translation of this valuable fragment by Mr. George Martin Huss, will be published with all the illustrating diagrams and cuts.

"Comparative Municipal Building Laws."

A Digest of the Building Laws, at use at present in the following cities, in tabular form, and arranged for easy comparative reference, will form a *vade mecum* for Architects who often have to carry on building operations under many different regulations at the same time:

Baltimore, Md.	Cleveland, O.	Louisville, Ky.	Newark, N. J.	Pittsburgh, Pa.
Boston, Mass.	Denver, Col.	Memphis, Tenn.	New Orleans, La.	Providence, R. I.
Brooklyn, N. Y.	Dis. of Columbia:	Milwaukee, Wis.	New York, N. Y.	San Francisco, Cal.
Charleston, S. C.	Detroit, Mich.	Minneapolis, Minn.	Omaha, Neb.	St. Louis, Mo.
Chicago, Ill.	Kansas City, Mo.	Nashville, Tenn.	Philadelphia, Pa.	Wilmington, Del.
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"Another Architectural Knockabout."

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With its many architectural and some humorous illustrations, may be counted upon to enliven, with its chatty description of student travel in Spain and Africa, the sobriety of ordinary professional discussion.

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Will in quantity and variety be the same as during the past year, while the quality will, so far as it rests with us, continue to improve.

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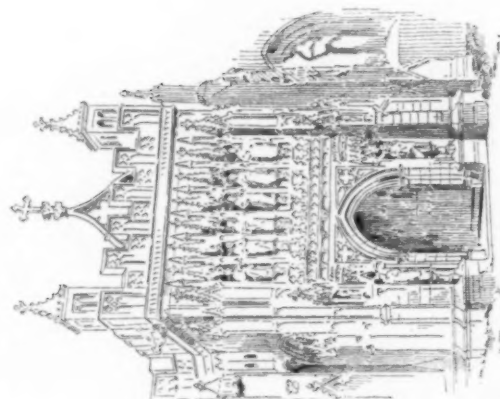
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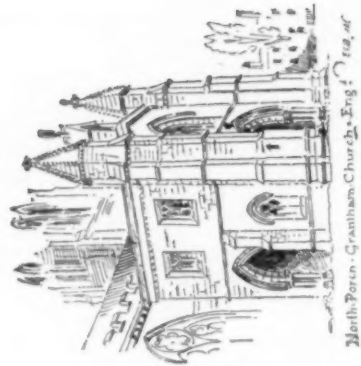
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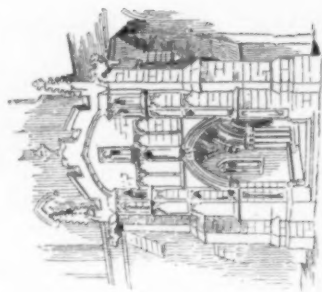
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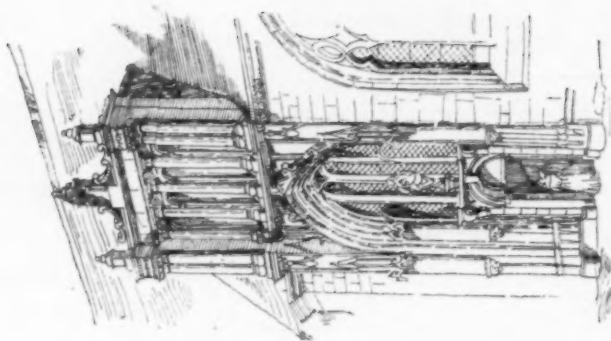
South Porch
Gloucester Cathedral



North Porch, Grantham Church, Eng.



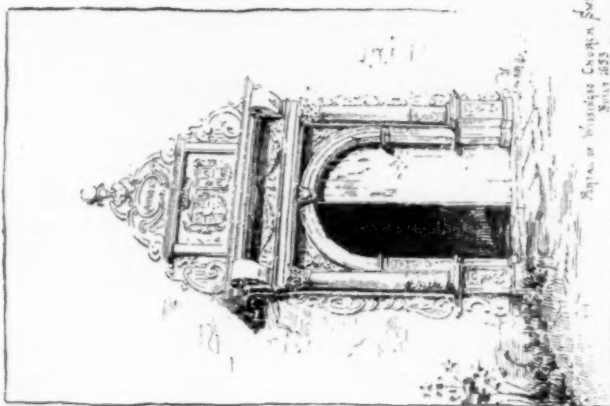
Porch, St Mary's, Leicester, Eng.



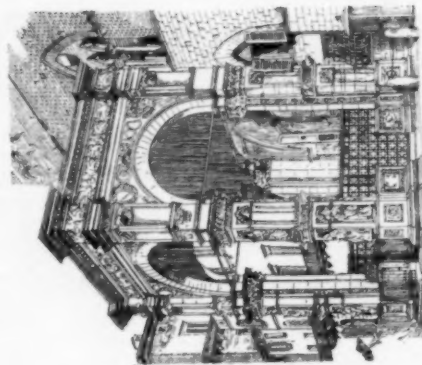
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Porch of Visitation Church, Paris
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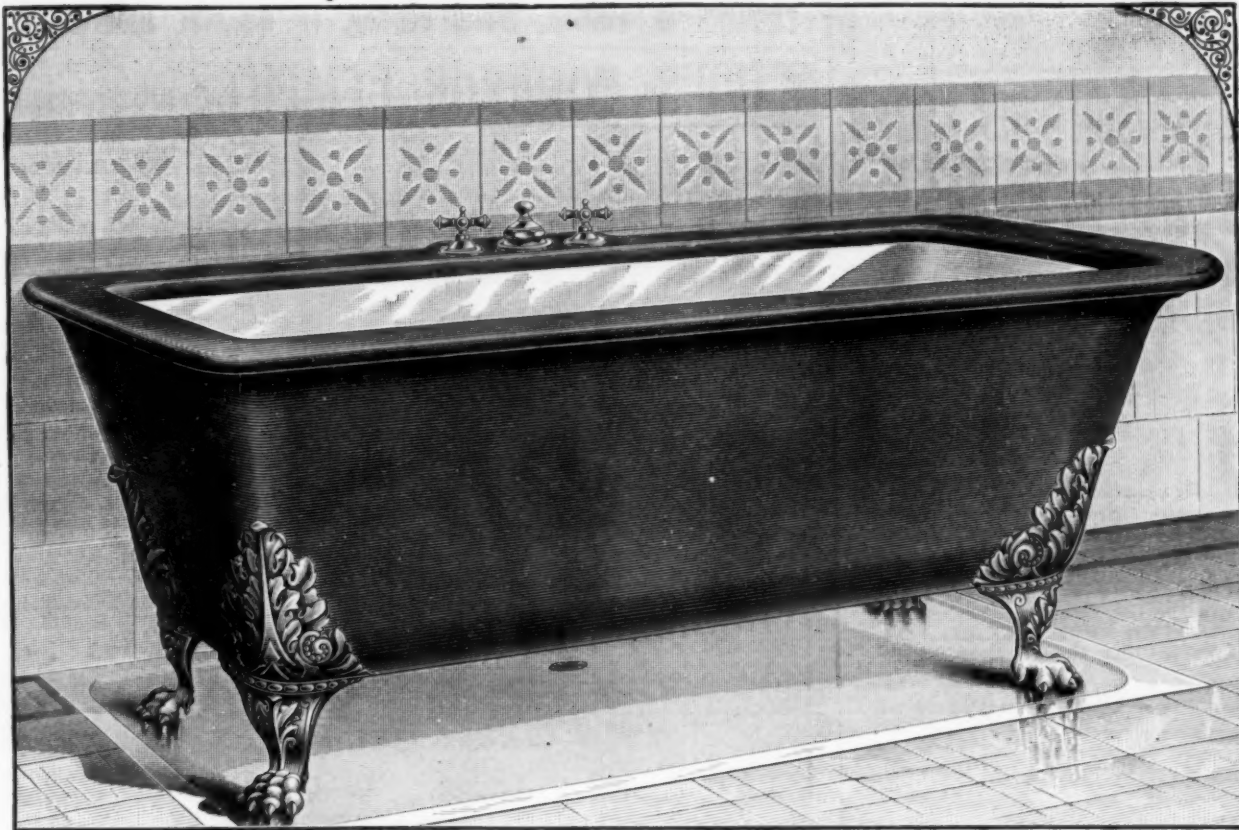


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[See Alphabetical Index on page VII for Pagination.]

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[Advertisers can be indexed only under a single head free of charge].

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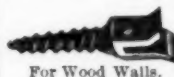
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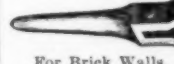
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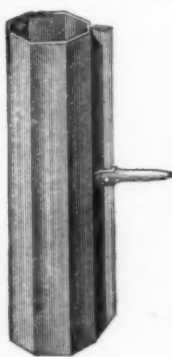
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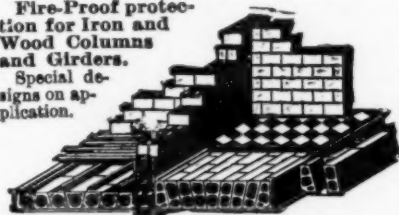
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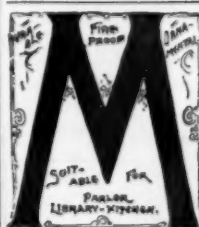
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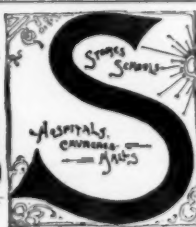
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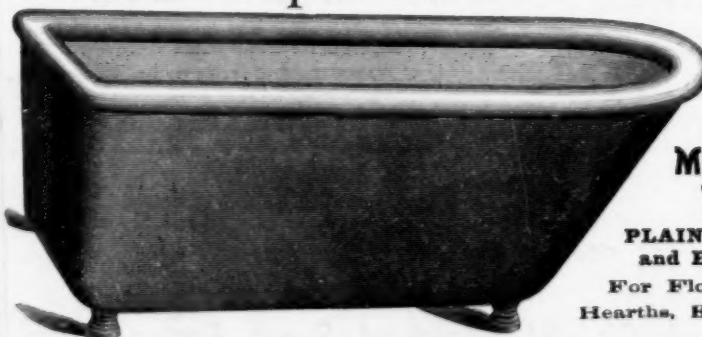
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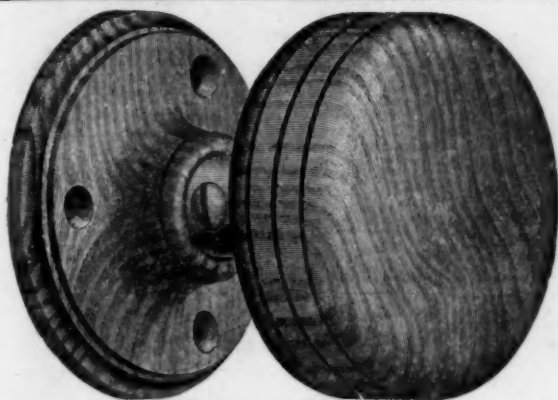
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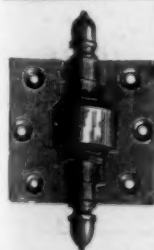


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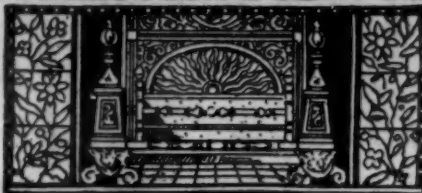
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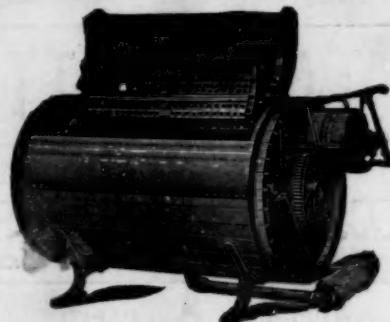
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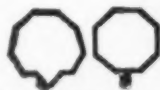
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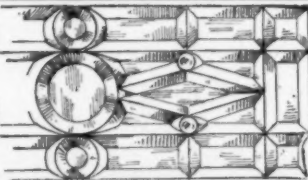
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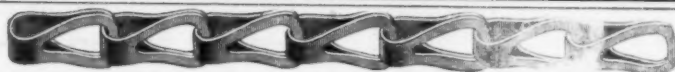
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STAMPING WASTER TIN PLATES.

1886

It will be very interesting to note whether or not the tin plate manufacturers of South Wales will largely follow the example of W. Gilbertson & Co., in declining to stamp waster tin plates. This company now stamp their "Old Method" plates after the tinning process has been completed, and they only stamp such plates as are critically adjudged to be "perfects." They stamp no wasters with the above brand, and announce that no wasters of their production will, with their knowledge or sanction, be sent to the United States, but will be disposed of in England under some other mark. From the first portion of this arrangement there can be no dissent, and it ought to secure for W. Gilbertson & Co.'s brand a high reputation and a large sale in the United States. The wisdom of the plan thus adopted is so obvious that we might expect it to be generally adopted in the tin plate trade, yet the sinuosities and subtle intricacies of that business are so numerous and confusing that such a result is highly improbable. Deceptions and "juggles" by means of wasters are so profitable to many of the merchants and dealers that they will probably resist any such change, whilst the speculators, of course, will oppose any alteration which would be likely to simplify the business or to limit their opportunities for "housening" both buyers and sellers. A good example has been set in this instance, however, and we hope that some, at least, of the manufacturers will have sufficient backbone to follow suit.

1890

The above article was published in the London Ironmonger, February 13, 1886. Up to the present time November 1, 1890, the makers of most other plates have not had the "backbone" to follow the example of W. Gilbertson & Co., who, at the request of Merchant & Co., stopped the stamping and shipment of waster plates.

It is for this reason that Merchant & Co. have, and are still requesting architects to drop their brands from their specifications, rather than to specify them with other brands the wasters of which can be had, and which on account of their inferiority, are unfit for use on any building.

MERCHANT & CO.,

PHILADELPHIA. NEW YORK. CHICAGO. KANSAS CITY. LONDON.

BUILDING MATERIALS.

LUMBER.—P. M.

Boards: (Ordinary dimensions.)

Pine, 1st quality, clear.....

" 2d quality.....

" 3d quality.....

Spruce.....

Hemlock.....

Yellow pine.....

Cypress.....

Clapboards:

Pine.....

Spruce.....

Framing Timber:

Pine.....

Spruce.....

Hemlock.....

Yellow pine.....

Laths:

Pine.....

Spruce.....

Shingles:

Pine, shaved..... P. M.....

Pine, sawed.....

Spruce, sawed.....

Redwood..... P. M.....

Cedar, split..... P. M.....

Cedar, sawed.....

Cypress, Split..... 7 x 2 1/2.....

Miscellaneous:

Pine..... P. ft.....

Fence pickets, Common.....

Cedar posts, 9 ft. (sq. posts).....

Chestnut.....

Finishing Woods: P. M. (First Qual.)

Ash..... (Kiln dried).....

Cherry.....

Butternut.....

Hard-pine floors (rift).....

Mahogany, Baywood (Mexican).....

" St. Domingo.....

Maple.....

Oak, red.....

" white.....

" quartered.....

Sycamore quartered.....

Pine, clear.....

Redwood.....

Rosewood..... P. M.....

Spruce floors (clear, kiln-dried).....

Walnut, black.....

Whitewood.....

Yellow pine..... P. M.....

New York.

Boston.

Chicago.

Philadelphia.

(Wholesale Prices.)

(Price to Builders and Contractors.)

65 00 @ 75 00	50 00 @ 60 00	30 00 @ 47 00	48 00 @ 55 00
55 00 @ 60 00	42 00 @ 50 00	25 00 @ 28 00	40 00 @ 45 00
18 00 @ 22 00	35 00 @ 40 00	14 00 @ 20 00	30 00 @ 35 00
18 00 @ 25 00	13 00 @ 25 00	Not sold.	16 00 @ 20 00
on 13 1/2 @ 14	13 00 @ 15 00	12 00 @ 12 00	11 25 @ 13 50
20 @ 40	25 00 @ 35 00	29 00 @ 37 00	14 00 @ 29 00
2 @ 40	32 00 @ 40 00	3 @ 35 00	3 @ 35 00
40 00 @ 60 00	40 00 @ 60 00	10 00 @ 22 00	14 00 @ 25 00
25 00 @ 40 00	25 00 @ 40 00	Not sold.	Not sold.
12 00 @ 15 30	12 00 @ 15 30	12 00 @ 15 30	25 00 @ 37 30
Not sold.	Not sold.	Not sold.	16 00 @ 18 00
10 00 @ 13 00	10 00 @ 13 00	10 00 @ 13 00	13 00 @ 17 00
22 00 @ 28 00			22 00 @ 28 00
2 25 @ 2 35	2 25 @ 2 35	2 10 @ 2 25	2 75 @ 3 00
2 25 @ 2 30	2 25 @ 2 30	Not sold.	2 30 @ 3 00
5 00 @ 8 00	5 00 @ 8 00	Not sold.	
4 00 @ 5 00	4 00 @ 5 00	2 20 @ 3 00	2 20 @ 3 00
1 50 @ 2 00	1 50 @ 2 00	Not sold.	Not sold.
1 40 @ 1 60	3 75 @ 4 00	6 00 @ 7 50	6 00 @ 7 50
2 00 @ 4 00	2 00 @ 4 00	Not sold.	Not sold.
5 00 @ 6 00	5 00 @ 6 00	3 50 @ 4 00	3 50 @ 4 00
4 1/2 @ 5 1/2	4 1/2 @ 5 1/2	10 00 @ 18 00	10 00 @ 18 00
8 00 @ 10 00	8 00 @ 10 00	25 @ 50	25 @ 50
25 @ 50	25 @ 50	25 @ 50	25 @ 50
45 00 @ 60 00	45 00 @ 60 00	30 00 @ 40 00	30 00 @ 40 00
80 00 @ 120 00	80 00 @ 120 00	80 00 @ 100 00	80 00 @ 100 00
40 00 @ 60 00	40 00 @ 60 00	50 00 @ 60 00	50 00 @ 60 00
150 00 @ 160 00	150 00 @ 160 00	150 00 @ 200 00	150 00 @ 200 00
120 00 @ 350 00	120 00 @ 350 00	200 00 @ 250 00	200 00 @ 250 00
45 00 @ 50 00	45 00 @ 50 00	18 00 @ 35 00	18 00 @ 35 00
45 00 @ 70 00	45 00 @ 70 00	32 00 @ 40 00	32 00 @ 40 00
50 00 @ 55 00	50 00 @ 55 00	22 00 @ 40 00	22 00 @ 40 00
65 00 @ 70 00	65 00 @ 70 00	45 00 @ 50 00	45 00 @ 50 00
60 00 @ 70 00	60 00 @ 70 00	35 00 @ 50 00	35 00 @ 50 00
65 00 @ 70 00	65 00 @ 70 00	35 00 @ 50 00	35 00 @ 50 00
60 00 @ 70 00	60 00 @ 70 00	55 00 @ 65 00	55 00 @ 65 00
125 00 @ 180 00	125 00 @ 180 00	22 00 @ 35 00	22 00 @ 35 00
45 00 @ 50 00	45 00 @ 50 00	80 00 @ 120 00	80 00 @ 120 00
45 00 @ 50 00	45 00 @ 50 00	18 00 @ 40 00	18 00 @ 40 00
45 00 @ 50 00	45 00 @ 50 00	29 00 @ 40 00	29 00 @ 40 00
45 00 @ 50 00	45 00 @ 50 00	55 00 @ 100 30	55 00 @ 100 30
45 00 @ 50 00	45 00 @ 50 00	18 00 @ 40 00	18 00 @ 40 00
45 00 @ 50 00	45 00 @ 50 00	25 00 @ 40 00	25 00 @ 40 00
45 00 @ 50 00	45 00 @ 50 00	80 00 @ 17 00	80 00 @ 17 00
45 00 @ 50 00	45 00 @ 50 00	25 00 @ 40 00	25 00 @ 40 00
45 00 @ 50 00	45 00 @ 50 00	80 00 @ 45 00	80 00 @ 45 00

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Black, brown, buff, p. lb.	24			
Colorific, p. lb.	24			
Red, p. lb.	3			
White, p. bbl.	175			
Foundation:				
Dimension		5 00 p. ton	20	5 00
Block		4 60 p. perch		Comahocken
Rubble		1 25	8 50	1 45
Bluestone: (p. sq. ft.)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	lin. th. 10 @ 25
Planned	50 @ 6 00	75	50 @ 1 00	37 @ 50
Sandstone:				
Longmeadow	80	80 @ 90		95 @ 1 16
Kibbe	90	90 @ 1 10		1 05 @ 1 35
Brown (Connecticut)	1 00 @ 95	1 25 @ 1 45	1 50 p. cub. ft.	55 @ 1 00
Amherst	90 @ 1 00	85 @ 90	45 @ 50	
Berea	75 @ 1 00	80 @ 90	45 @ 55	
Berlin	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	1 25	
New Brunswick (Dorchester)	80 @ 1 00	75 @ 90		1 10 @ 1
Cass		75 @ 2 00		1 00 @ 1
Carlisle, English	1 05	1 05		1 25 @ 1
Corse Hill (Scotch)	1 05	1 05		95 @ 1
Marble: (p. cu. ft.)				
Leo, Mass.		1 75 @ 2 50	Not sold.	2 00 @ 2 50
Rutland, white and blue		3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	2 00	350 @ 6 00	1 70 @ 3 00
Glens Falls, black			Not sold.	4 00 @ 4 50
Italian, blue-veined			Not sold.	2 50 @ 5 00
Sienna			Not sold.	4 00 @ 6 00
Tennessee, red			Not sold.	3 00 @ 4 00
Knoxville			Not sold.	2 00 @ 3 00
Pennsylvania, blue			Not sold.	2 25 @ 3 00
Vermont, white			3 50 @ 6 00	
State: Roofing (p. square)				
green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
red	5 00 @ 6 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
black, Lohigh	4 25 @ 4 75		6 25 @ 8 85	3 25 @ 4 00
Chapmans			7 30 @ 8 00	4 00 @ 4 65
Unfading Black, Monson, Me.	5 50 @ 6 00	5 50 @ 6 00	6 00 @ 9 00	5 50 @ 6 00
Paints: (p. gal.)				
Tiles, Am.			Not sold.	6 00 @ 6 75
N. Peach Bottom, warranted unfading				
PAINTS: (p. gal.)				
White lead, Am.	7 @ 7 1/2	7 1/2 @ 7 1/2	6 1/2 @ 7	7 1/2 @ 7 1/2
Zinc	7 @ 7 1/2	7 1/2 @ 7 1/2	7 @ 7 1/2	7 @ 7 1/2
Red lead, Am.	6 1/2 @ 7	7 @ 7 1/2	6 1/2 @ 7	7 @ 7 1/2
Venetian	6 @ 10 1/2	7 @ 12	1 1/2 @ 2 1/2	1 1/2 @ 2 1/2
Vermilion	65 @ 70	75 @ 80	65 @ 68	65 @ 68
Red Indian, Eng.	12 @ 20	12 @ 20	12 @ 20	12 @ 20
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	3 @ 15
Chrome	12 @ 20	18 @ 25	15 @ 25	15 @ 25
Green (chrome)	8 @ 13	8 @ 20	8 @ 20	8 @ 20
Green, Paris	25 @ 40	25 @ 40	18 @ 25	18 @ 25
Black, lamp	15 @ 25	15 @ 25	8 @ 30	8 @ 30
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	10 @ 24
Oil, linseed, (raw)	57 @ 62	55 @ 60	57 @ 60	57 @ 60
boiled	69 @ 65	41 @ 43	51 @ 51	41 @ 44
Turpentine	40 @ 41	1 60 @ 6 00	1 25 @ 2 00	1 25 @ 3 00
Varnish, coach		2 50 @ 3 00	2 25 @ 4 00	1 50 @ 3 00
shellac				
Putty	2 @ 4	2 @ 4	62 @ 62 1/2	2 @ 2 1/2
Whiting	75 @ 1 00	1 @ 1 1/2	1 @ 1 1/2	1 @ 1 1/2
Paris white, (Eng.)	1 30 @ 2 00	2 @ 3	1 1/2 @ 2	1 1/2 @ 2
Litharge, Am.	54 @ 6	7 @ 7 1/2	6 1/2 @ 7	7 @ 7 1/2
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	4 @ 14
Umber	14 @ 20	14 @ 20	2 @ 10	2 @ 13
HARDWARE:				
Nails: (Per Cask.) Spikes, (wrought.)	@ 2 85		2 75 @ 3 00	pr kg @ 2 25
10d. common	@ 2 50	@ 2 20	@ 2 35	@ 2 30
Shingle	@ 3 35	@ 2 30	@ 2 75	@ 2 60
Lath	@ 4 85	@ 3 50	@ 3 65	3 60 @ 4 75
Finishing nails according to size.			Add .85 to \$1.15	per lb @ 4 @ 6
(For casing nails add 75c. per keg.)			50 to .90	Add pr cask
Butts: 4"x 4" (p. doz. pairs)				2 90 (all kinds.)
Plain	@ 1 00	@ 1 20	@ 90	@ 90
Japanned	@ 1 50	@ 1 75	Not sold.	1 35 @ 2 00
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 35 @ 2 75
Ball Tip, Boston Finish	@ 65	@ 50	Not sold.	48 @ 50
Bronze metal	@ 1 90	plain @ 1 65	2 90 @ 3 25	1 25 @ 1 00
Brass (10" supboards)	@ 10	@ 10	@ 12	@ 35
Kibony				37 @ 1 00
Apple wood				
Knobs: (p. Set.)				
Mineral, best	@ 8	@ 8	8 @ 10	@ 08
Lava	@ 50	@ 75	65 @ 80	Not sold.
Romantic	Not sold	17 @ 33	31 @ 40	25 @ 50
Porcelain	@ 30	@ 10	25 @ 30	@ 25
Glass, solid	Not sold	@ 50	Not sold.	1 00 @ 2 50
Glass, silvered	Not sold	88 @ 1 00	@ 1 50	1 75 @ 2 00
Bronze metal	75 @ 2 00	80 @ 3 00	50 @ 3 00	60 @ 3 50
Brass	1 00 @ 2 50	50 @ 3 00	1 00 @ 3 00	75 @ 1 25
Solder:				
Sheet Lead		@ 8 1/2	@ 7	13 1/2 @ 16
Lead Pipe		@ 7 1/2	@ 6 1/2	6 @ 6
Iron:				
I-Beams, up to and including 30 ft.	3 8-10 @ 3 1/2	@ 3 1-10	3 20 @ 3 70	@ 2 8-10
I-Beams, over 30 ft. 1, 1 1/2 c. advance.	3 8-10 @ 3 1/2	@ 3 1-10		@ 2 8-10
Channel Beams		@ 3 1-10		

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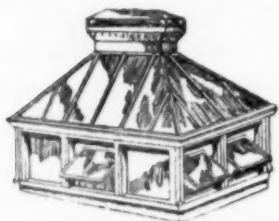
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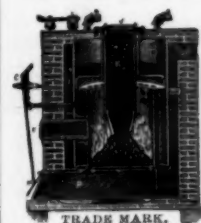
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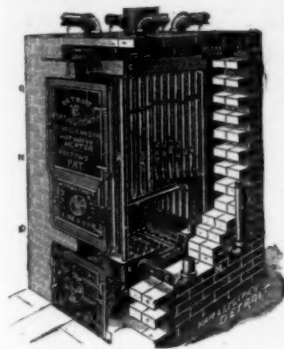
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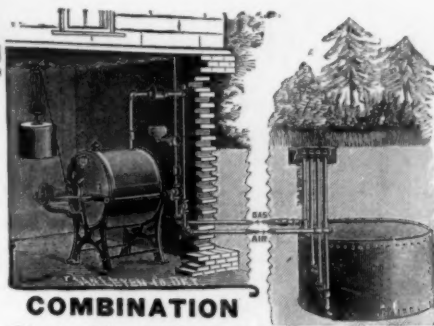
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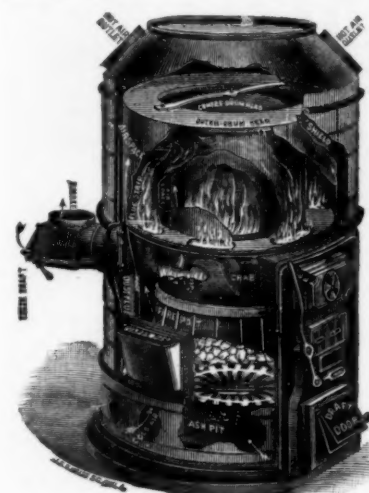
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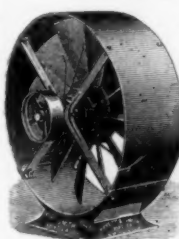
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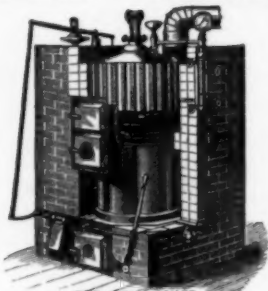
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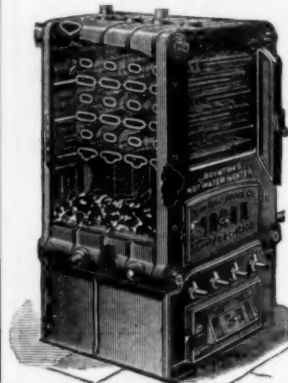
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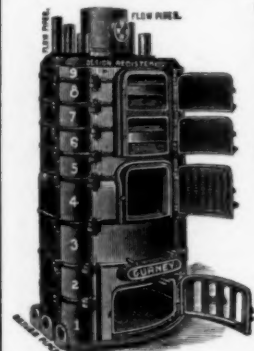
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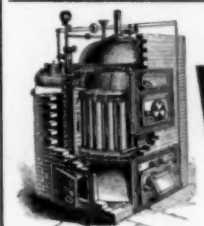
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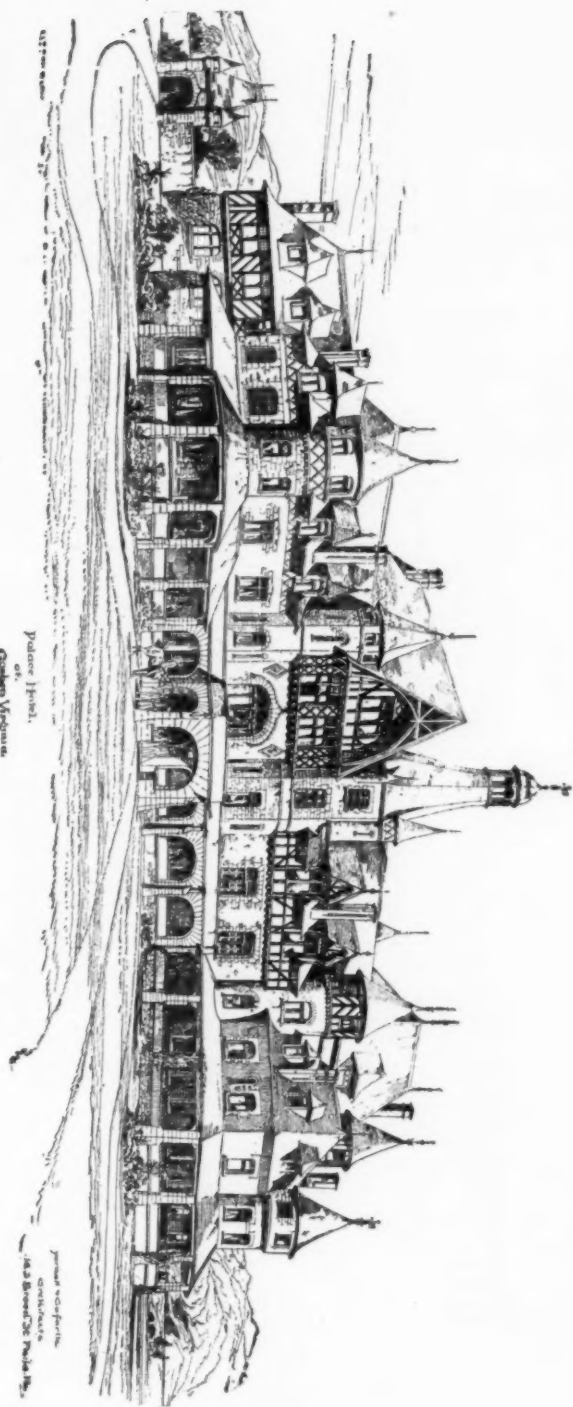
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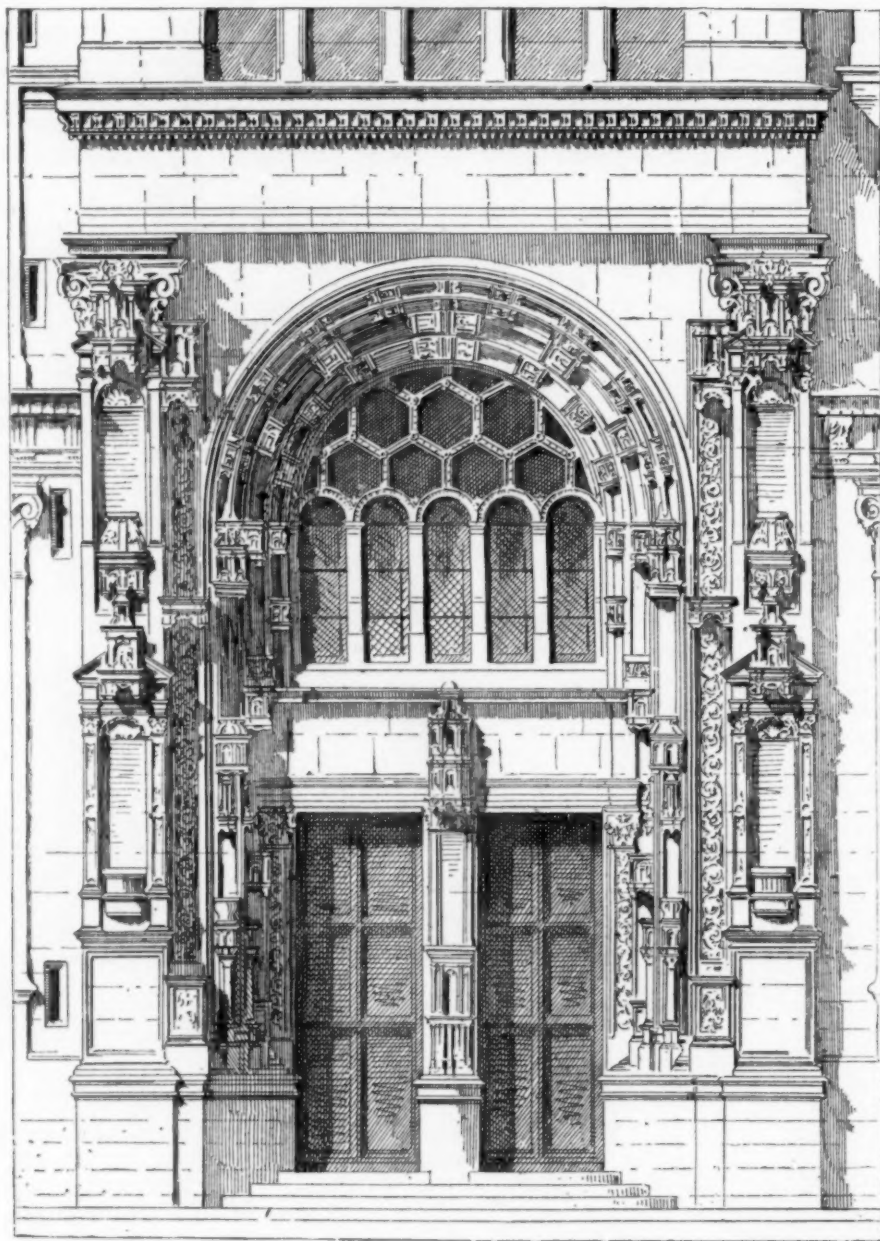
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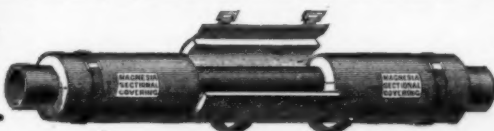
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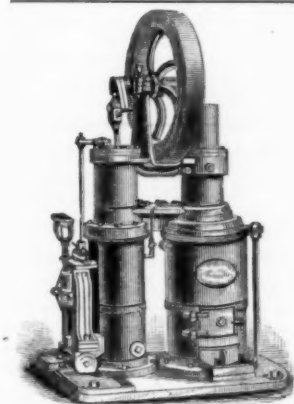
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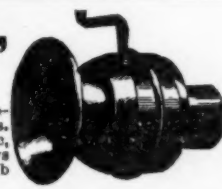


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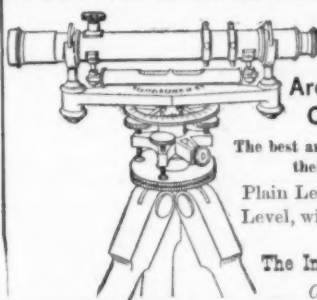
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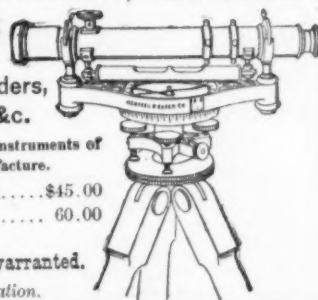
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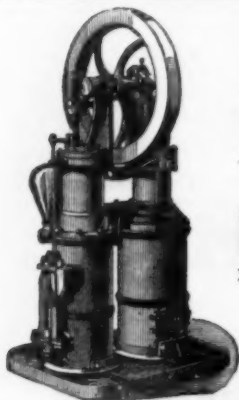
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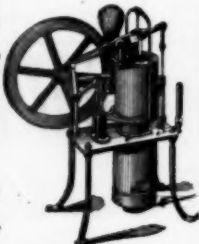
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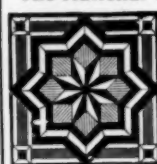
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New Advertisements.

FLANAGAN & BIEDENWEG (Chicago, Ill.), Metallic Sash. Page ii.
YALE & TOWNE MFG. CO. (Stamford, Conn.), Art Metal-Work. Page xv.

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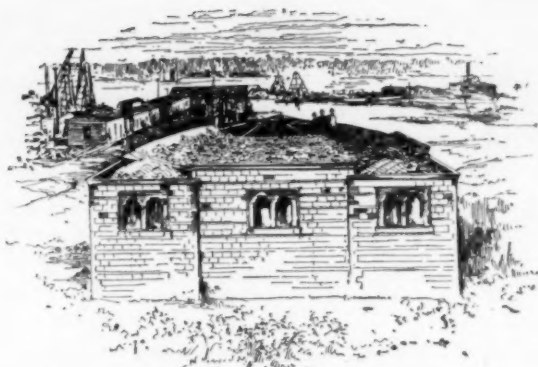
Imports of Building Materials, Etc.,

AT THE PORT OF NEW YORK FOR THE WEEK ENDING DECEMBER 12, 1890.

From Antwerp.—Steamer "Hermann," 1,600 barrels cement, 6 pieces marble, order. Steamer "Waeland," 600 barrels cement, E. Thiele; 575 barrels cement, 4 blocks marble, 14 cases marble, order.
From Bristol.—Steamer "Montauk," 4 casks cement, W. Slack & Sons.
From Gibraltar.—Bark "Carrick," 654 logs cedar, Mosie Bros.
From Glasgow.—Steamer "State of Pennsylvania," 78 barrels enamelled bricks, C. R. Weeks & Bro.; 306 cases granite, order.
From Hamburg.—Steamer "Salado," 232 casks cement, Baetjer & Meyerstein. Ship "Gor. Wilmot," 1,600 barrels cement, order.
From Havana.—Bark "Havana," 86 logs cedar, 147 do. mahogany, E. W. Adams & Co.
From Hull.—Steamer "Buffalo," 156 casks bricks, Meeker & Carter; 38 bales cattle-hair, Sanderson & Son; 40 bales do., H. H. Schweitering & Co.
From Leghorn.—Steamer "Caledonia," 1 case marble statues, R. F. Downing & Co.; 3 blocks marble, 1 block yellow marble, 2 cases do., 26 blocks marble, order.
From Liverpool.—Steamer "Spain," 21 logs walnut, order. Steamer "Cybele," 1,003 pieces hard wood, 15 logs walnut, order. Steamer "St. Romans," 45 cases bricks, order.
From London.—Steamer "Ludgate Hill," 1,008 casks Portland cement, C. J. Stevens; 94 pieces, hard wood, 25 logs oak wood, 538 casks cement, order. Steamer "Persian Monarch," 28 logs walnut, 25 planks oak, Wm. L. Marshall. Steamer "France," 500 casks cement, German Bank of London; 75 bales cattle-hair, N. Y. Produce Exchange Bank; 500 casks cement, E. Thiele; 50 casks cement, 539 blocks stone, order.
From Newcastle.—Steamer "Mineola," 50 casks cement, Sturtevant Mill Co.; 50,000 square fire-bricks, Hammill & Gillespie.
From Rotterdam.—Bark "Arco," 300 casks pipe-clay, E. Thiele. Steamer "Obdam," 2,000 casks cement, E. Thiele. Steamer "Maasdam," 127 cases

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BOSTON, MASS.
63 Pierce Building,
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marble, R. F. Downing & Co.; 1,500 casks cement, order.
From Santa Cruz.—Brig "E. W. Gale," 1,740 pieces cedar and mahogany, Mosle Bros.
From Stettin.—Ship "P. G. Blanchard," 2,400 barrels cement, E. Thiele.
From St. John, N. B.—Schooner "Nellie Bruce," 1,406 barrels lime, Scammell Bros.
From Teoluita.—Schooner "Comet," 273 pieces mahogany, E. Gogorza & Co.
From Tapan.—Bark "Tillad," 391 logs mahogany, J. W. Wilson & Co.
From Tonalá.—Brig "El Dorado," 244 logs mahogany and cedar, J. Raynor.
From Vera Cruz.—Steamer "City of Washington," 259 blocks marble, H. Marquardt & Co.
From Zaza.—Schooner "Granville," 270 logs mahogany, 1,283 do. cedar, H. W. Ericks.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

ALTERATIONS.

Boston, Mass.—Water St., No. 40, cor. Congress St., Ward 6, alterations to building for offices; owner, Edward A. White, trustee; builder, John S. Jacobs.
Brooklyn, N. Y.—Plymouth St., Nos. 208-214, four st'y brick cask factory, slate roof, raised and internal alterations; cost, \$4,000; owner, James L. Truslow; architect, W. H. Gaylor, 110 South Eighth St.
Chicago, Ill.—L. Z. Leiter, two-st'y addition, 281-319 State St.; cost, \$50,000.
Max Toak, four-st'y addition to factory, 18 Lewis St.; cost, \$5,000.
G. W. Kepner, basement, 285 Walnut St.; cost, \$1,050.
John Stefort, two-st'y addition, 5123 Ashland Ave.; cost, \$1,500.
P. S. Riely, one-st'y addition, 3667 Emerald Ave.; cost, \$1,300.
Charles Miller, two-st'y addition, 23 Wright St.; cost, \$2,500.
George E. Hale, one-st'y addition, 273-275 Forty-sixth St.; cost, \$4,000.

BUILDING INTELLIGENCE.

John H. Probst, two-st'y addition, 561 North Western Ave.; cost, \$2,500.
D. J. Wren, one-st'y addition, 215-217 South Robey St.; cost, \$3,500.
Western Trading Co., two-st'y addition, 57-59 Ambrose St.; cost, \$2,000.
Fred Howard, two-st'y addition, 4409 Michigan Ave.; cost, \$15,000.
Chicopee, Mass.—Lamb Knitting Co., two-st'y brick addition to mill.
Cohasset, Mass.—Alterations to dwell. for S. S. Spaulding; contract to be let; architect, E. A. P. Newcomb, Boston.
Keene, N. H.—Alterations and additions to brick house and stable; owner, G. A. Litchfield; contract to be let; architects, Lewis & Paine, Boston.
New York, N. Y.—Pier 45, foot of West Tenth St., North River, one and three st'y terra-cotta and frame freight storage-shed, extension and interior alterations; cost, \$10,000; owners, Oceanic Steam Navigation Co., 41 Broadway; architect, R. P. Staats, 35 Broadway.
Pier 37, foot of Charleston St., North River, iron freight storage-shed, internal alterations; cost, \$4,237; owner, New York City; lessees, Southern Pacific Co., 1 Broadway; architect, Horace See, 1 Broadway.
Pier 25, North River, foot of North Moore St., one and two st'y freight and storage shed, internal alterations; cost, \$4,237; owner, New York City; lessees, Southern Pacific Co., 1 Broadway; architect, Horace See, 1 Broadway.
One Hundred and Nineteenth St., n. s. 200' e Third Ave., brick church, extension and internal alterations; cost, \$3,000; owner, St. John's German E. L. Church, One Hundred and Nineteenth St., bet. Second and Third Aves.; architect, G. Robinson, Jr., 247 West One Hundred and Twenty-fifth St.
West Fifth St., Nos. 116-118, 2 two-st'y brick stables raised and extension added; cost, \$5,000; owner, John M. Tilford, 4 West Forty-ninth St.; architects, French, Dixon & De Salden, Broadway and Fifty-seventh St.
Lexington Ave., near Twenty-second St., three-st'y brick dwell. raised and internal alterations; cost, \$5,000; owner, P. C. Hewitt, 9 Lexington Ave.; architect, Wm. B. Bigley, 52 Broadway.
Broadway, No. 1448, thirteen-st'y brick hotel, extension and internal alterations; cost, \$100,000; owner, Louis S. Todd, 1448 Broadway; architect, Theo. E. Thompson, 247 West One Hundred and Twenty-fifth St.
Greenwich St., Nos. 553-565, extension and internal alterations; cost, \$20,200; owner, Read Jordan, 563-565 Greenwich St.; architect, T. G. Smith, 111 Broadway.
One Hundred and Twenty-eighth St., n. s. 139' 7" e Tenth Ave., four-st'y brick brewery, extension;

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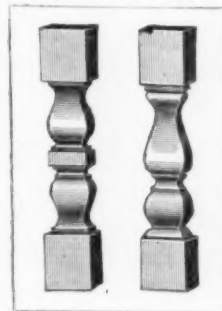
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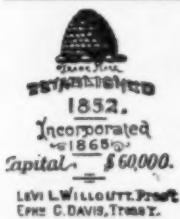
BUILDING INTELLIGENCE.

cost, \$5,000; owner, D. J. Yungling, Jr., One Hundred and Twenty-eighth St. and Tenth Ave.; architects, Weber & Drosser, 81-82 Bible House.
East Sixtieth St., No. 160, four-st'y brick tenement, extension and internal alterations; cost, \$5,500; owner, Joseph McGuire, 35 West Forty-ninth St.; architect, Paul F. Higgs, 835 Broadway.
One Hundred and Eighth St., s. s. 328' w Ninth Ave., two-st'y brick store to have damages by fire repaired, etc.; cost, \$12,000; owners, Bernheimer & Schmid, Columbus Ave. and One Hundred and Eighth St.; architects, Lederle & Co., 15 Whitehall St.
West Forty-third St., No. 2, four-st'y brick dwell., extension and other alterations; cost, \$4,000; owner, D. H. King, Jr., 35 Wall St.; architect, Clarence L. Luce, 181 Broadway.
North Easton, Mass.—Alterations to granite dwell. for Fred L. Ames; cost, \$80,000; builders, Norcross Bros.; architects, Shepley, Rutan & Coolidge, Boston.
Philadelphia, Pa.—Thirteenth St., No. 1245, interior and exterior alterations; contractor, Thomas Marsh, 1317 Reed St.
St. Louis, Mo.—Alter car-shed; cost, \$5,000; owners, Mound City R. R. Co.; contractor, C. Linnenkohl.
APARTMENT-HOUSES.
Brooklyn, N. Y.—Tenth St., s. s. 285' 9" w Eighth Ave., 6 three-st'y brick flats, tin roofs; cost, \$4,000 each, owner, L. Bonard, on premises; architect, Robert Dixon, 219 Montague St.
Prospect Ave., n. s. 297' 7" w Eighth Ave., 2 three-st'y frame flats, tin roofs; cost, \$4,000; owner, Thomas Holt, on premises; architect, A. E. White, 79 1-2 Third St.
Kosciusko St., n. s. 350' w Throop Ave., three-st'y brick flat, tin roof; cost, \$5,000; owner, Thomas B. Bryant, 272 Lewis Ave.; architects, J. D. Reynolds & Son, 363 Fulton St.
Chicago, Ill.—N. N. Cronholm, four-st'y flats and hall, 456-458 Thirty-first St.; cost, \$17,000.
Mrs. R. Marshall, two-st'y flats, 5343 Wabash Ave.; cost, \$4,000.
J. C. Trainor, three-st'y flats, One Hundred and Fifteenth St.; cost, \$7,000.
John S. Thomas, 5 three-st'y flats, 3810-3818 Stanton Ave.; cost, \$49,000.
J. McAuliff, three-st'y flats, 602 Paulina St.; cost, \$4,000.
John Koff, two-st'y flats, 299 Osgood St.; cost, \$3,200.
Homewood & McCumber, two-st'y flats, 5527 Jackson Ave.; cost, \$2,800.
Helen Saunders, two-st'y flat, 1854-1856 Frederick St.; cost, \$15,000.
J. Spellburges, two-st'y flat, 6116-6118 Aberdeen St.; cost, \$6,000.
Sarah J. Hyde, three-st'y flat, 484 Forty-second St.; cost, \$5,000.
New York, N. Y.—One Hundred and Thirtieth St., s. s. 100' e Third Ave., 4 five-st'y flats; cost, \$80,000; owner, John S. Scott.
One Hundred and Eleventh St., n. w. cor. Eighth Ave., 5 five-st'y brick and stone flats; cost, \$105,000; owner, Michael McCormack; architect, Andrew Spence.

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BUILDING INTELLIGENCE.

Eighty-third St., n s, 200' w First Ave., 4 five-st'y
flats; cost, \$72,000 each; architects, Thom & Wilson.
Lexington Ave., n e cor. One Hundred and Twelfth
St., five-st'y brick flat, tin roof; cost, \$36,000; owner,
William Lyman, 51 East One Hundred and Twenty-
second St.; architect, Edward Wenz, 1491 Third
Ave.
One Hundred and First St., n s, 300' w Ninth Ave.,
five-st'y brick flat, tin roof; cost, \$22,000; owner,
Gustave Boehm, Long Island City; architect, Ferd
J. Miller, 509 Morris Ave.
West Forty-first St., Nos. 119-121, five-st'y brick
flat, tin roof; cost, \$25,000; owner, Jane Monierhof,
458 West Fifty-first St.; architects, D. & J. Jardine,
1262 Broadway.
Nineteenth St., n s, 312' 6" w Seventh Ave., five-
st'y brick flat, tin roof; cost, \$26,000; owner, Wil-
liam F. Rohrig, cor. Eighth Ave. and Bridge St.;
architects, Kurtzer & Rohl, cor. Third Ave. and
Seventh St.
Fifty-second St., n s, 375' e Eleventh Ave., 3 five-
st'y brick flats, tin roofs; cost, \$54,000; owner, John
A. Linseott, 172 East Ninetieth St.; architect, E. L.
Angell, 94 Liberty St.

FACTORIES.

Brooklyn, N. Y.—Bryant St., n e cor. Court St.,
frame asphalt factory, gravel and felt roof; cost,
\$3,000; owners, Carter, Halley & Co., 54 Wall St.,
New York City; architect, F. T. Cornell, 154 Noble
St., Greenpoint.
New York, N. Y.—West Twenty-fifth St., Nos. 547-
549, brick factory, tin roof; cost, \$3,000; owner, J.
M. Cornell, 29 East Thirty-seventh St.; architects,
J. B. & J. M. Cornell, 141 Centre St.
Pelham St., Nos. 3, 4, 5 and 6, six-st'y brick fac-
tory, tin roof; cost, \$18,000; owners, Levy & Hoft,
49 Pike St.; architect, Fred Wandelt, 79 East Broad
way.
Ninety-first St., s s, 100' w Avenue A, ten-st'y
brick, stone, terra-cotta and iron factory; cost, \$350,-
000; owner, John Schillingier.

HOTELS.

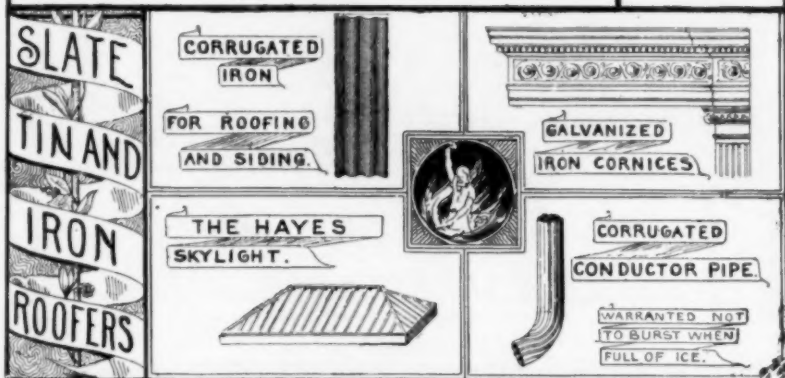
Pell City, Ala.—A hotel, to cost \$40,000, will be
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HOUSES.

Baltimore, Md.—Jos. L. Bowen, 10 two-st'y brick
buildings, s s O'Donnell St., bet. Hair and Canton
Sts.
Jas. Bowers, 6 two-st'y brick buildings, w s Cal-
verton Road, bet. Frederick Road and Hollins St.;
and 6 two-st'y brick buildings, e s Brown Lane, bet.
Frederick Ave. and Hollins St.
Harker & Allard, 1 three-st'y and 5 two-st'y brick
buildings, s s Federal St., bet. Spring and Caroline
Sts.
P. C. Henningshausen, 6 two-st'y brick buildings,
w s Potomac St., s Dillon St.
James A. Dyott, three-st'y brick building, n e
cor. Haverford Road and Lanvale St.
E. Johnson, three-st'y brick building, s e cor.
Chestnut and Douglas Sts.
Samuel T. Edel, 2 three-st'y brick buildings, e s
Harford Ave., bet. Preston and Biddle Sts.
Charles Messersmith, 5 three-st'y brick buildings,
w s Pennsylvania Ave., n Cumberland St.
Boston, Mass.—Unnamed St., near Webster Ave.,
Ward 25, frame dwell., 26.4' x 34.8'; owner, S. P.
Shapleigh; builder, A. Ellis.
Washington St., No. 35, Ward 25, frame dwell.,
33' x 41'; owner, Horace W. Jordan.
Farris St., No. 173, Ward 1, three-st'y frame
dwell., flat roof, 22' x 40'; owner, Neil Campbell;
builder, J. A. Coffin.
Dunboy St., near Bigelow St., Ward 25, frame
dwell., 32' x 41'; owner, Henry Wagenfied; builders,
Sittig Bros.
Aldie St., near Franklin St., Ward 25, two frame
dwell., one 17' x 47.6', the other 20.6' x 44'; owner,
M. A. Waterhouse; builder, C. Leake.
Pomeroy St., near Saunders St., Ward 25, 2 three-
st'y frame dwell., pitch roofs, 25.6' x 52.6'; owner
and builder, D. Baldwin.
Locust St., Nos. 8-14, Ward 15, 4 three-st'y frame
dwell., flat roofs, 22' x 34'; owner, Edward Reardon;
builder, Henry H. Howard.

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Taylor St., near Oakman St., Ward 24, 3 three-st'y
frame dwell., pitch roofs, 27' x 30'; owner and
builder, Henry P. Oakman.
Dean Ave., near Howard Ave., Ward 24, frame
dwell., 21' x 48'; owner and builder, M. J. Kenner.
Arundel St., near Walter St., Ward 23, frame
dwell., 24.10' x 45.6'; owner, George Lovely; builder,
D. McDonald.
Ballard Way, near Jamaica St., Ward 23, frame
dwell., 24' x 40'; owner, Mary McCarthy; builder,
J. J. Flynn.
Brookfield St., near Roberts St., Ward 23, frame
dwell., 22' x 38'; owner and builder, P. M. Brown.
Mt. Rowdon Terrace, near Eldon St., Ward 24,
frame dwell., hip roof, 28.7' x 34'; owner, P. N.
Upham; builder, A. Geldert.
Champany St., cor. Newman St., Ward 15, frame
dwell., 12' x 20'; owner and builder, Wm. Edmunds.
Leroy St., near Geneva Ave., Ward 24, frame
dwell., 24' x 43.6'; owner and builder, Hugh J. Mc-
Nabb.
Elmo St., near Erie St., Ward 24, frame dwell., 20'
x 30'; owner, August Krebs; builders, Fallon &
Silvia.
Washington St., No. 3147, Ward 23, three-st'y
frame dwell., pitch roof, 29' x 43'; owner, Anne
Schaeffer; builder, A. N. Allen.
Putnam St., Nos. 162-166, Ward 23, 3 three-st'y
frame dwell., flat roofs, 21' x 42.6'; owner, Fannie
Goodwin; builder, Wilbur Goodwin.
Warner Ave., cor. Coolidge Ave., Ward 24, frame
dwell., 31' x 49'; owner, T. W. Bicknell; builder, E.
W. Boynton.
Warner Ave., near Harvard St., Ward 24, three-
st'y frame dwell., hip roof, 23' x 52'; owner, J. S.
McLean; builder, T. A. Ross.
Auckland St., near Savin Hill Ave., Ward 24,
frame dwell., 26.3' x 31.4'; owner and builder, John
Bass.
Wellington St., Nos. 20-24, Ward 18, 3 three-st'y
brick dwell., flat roofs, 19' x 40'; owner and builder,
B. J. Connelley.
Walnut Pl., Nos. 20-24, Ward 20, 3 three-st'y
brick dwell., flat roofs, about 30' x 36'; owner, W.
Holmes; builders, Holmes Bros.
Oak Terrace, off Birch St., Ward 24, two frame
dwell., 22' x 29'; owner and builder, Charles Cutter.
Brooklyn, N. Y.—Fifty-fifth St., n s, 225' e Third
Ave., 6 two-st'y frame dwell., tin roofs; cost,
\$2,800; owner, Wm. Bret, Fifty-fifth St., near Third
Ave.; architects, H. L. Spicer & Son, Third Ave.
and Fifty-third St.
South Second St., s s, 100' w Driggs St., three-st'y
brick dwell., tin roof; cost, \$10,000; owner, David

BUILDING INTELLIGENCE.

Brown; architect, W. H. Gaylor, 110 South Eighth
St.
Forty-Eighth St., n s, 100' e Fourth Ave., 3 two-
st'y frame dwell., tin roofs; cost, \$3,000 each; owner
and architect, Stephen Hazzard, 175 Pacific St.
Seventh Ave., w s, 39' e Carroll St., 4 four-st'y brick
stores and flats, tin roofs; cost, \$36,000; owner, C. B.
Sheldon, 115 Seventh Ave.
McDonough St., s s, 200' e Reid Ave., 3 two-st'y
brick dwell., tin roofs; cost, \$12,000; owner,
Henry B. Hill, 1161 Fulton St.; architects, Amzi
Hill & Son, 1161 Fulton St.
St. Mark's Ave., n s, 375' w Franklin Ave., 3 four-
st'y brick dwell., gravel roofs; cost, \$12,000; owner
and architect, H. Toulmeir, 451 Gates Ave.
Woodbine St., s s, 80' w Knickerbocker Ave., 5
two-st'y frame dwell., tin roofs; cost, \$14,000;
owner and architect, A. Berckmeier, 100 Ralph St.
Ocean Pl., s s, 187' 7" n Atlantic Ave., 5 two-st'y
frame dwell., tin roofs; cost, \$2,000 each; owner,
H. Hodge, 2130 Fulton St.; architect, W. H. Ackers,
82 Thadford Ave.
Oakland St., w s, 240' n Van Cott Ave., 2 three-st'y
frame dwell., cement and gravel roofs; total cost,
\$9,000; owner, S. E. Walker, 97 Milton St.; archi-
tect, F. Weber, 211 Manhattan Ave.
Herkimer St., n s, 20' w Saratoga Ave., 4 three-st'y
brick dwell., felt and gravel roofs; cost, \$5,000
each; owner, George H. Gibby, 76 Hoyt St.; archi-
tect, E. Nessler, 13 Ocean Pl.
Hendrix St., e s, 100' s Arlington Ave., two-st'y
frame dwell., tin roofs; cost, \$3,250; owner, Harmon
A. Whitlock, Winona St., near Fulton St.; archi-
tect, W. H. Whitlock, Winona St., near Fulton St.
Ocean Pl., n e cor. Atlantic Ave., three-st'y frame
dwell., tin roof; cost, \$4,000; owner, H. Hodge, 2130
Fulton St.
Buffalo Ave., w s, 20' n Atlantic Ave., 4 two-st'y
frame dwell., tin roofs; cost, \$1,500 each; owner,
architect and builder, C. P. Skelton, 296 Sixth Ave.
Floyd St., s s, 250' e Marcy Ave., four-st'y frame
dwell., tin roof; cost, \$6,000; owner, Mr. Weinburg,
on premises; architects, D. Acker & Son, 732 Broad-
way.
Moore St., s s, 496' 5" e Bushwick Ave., 2 four-st'y
frame dwell., tin roofs; total cost, \$15,000; owners,
Beers & Schaffner, Vernon St.; architect, Frank
Holmberg, 1161 Broadway.
South Fourth St., s s, 165' 3" w Hooper St., four-
st'y brick dwell., tin roof; cost, \$9,000; owner, Henry
Buermann, 91 Columbia St., New York; architect,
Th. Engelhardt, 905 Broadway.
Prospect Pl., s s, 150' w Buffalo Ave., 3 two-st'y
frame dwell., tin roofs; cost, \$4,000; owner, John

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Robinson, 190 Buffalo Ave.; architect, J. D. Bogert,
596 Bergen St.
Faverly Ave., e s, 60' n Green Ave., 2 three-st'y
brick dwells., tin roofs; cost, \$10,000 each; owner,
G. W. Phillips, Jr., 236 Potter Building, New York
City; architects, Danmar & Fischer, 38 Park Row,
New York.

Fifty-first St., s s, 180' w Third Ave., 2 two-st'y
brick dwells., tin roofs; cost, \$3,500 each; owner,
Mr. Dalton, 71 Twenty-seventh St.
Wallabout St., s s, 100' w Harrison Ave., four-st'y
frame dwell., tin roof; cost, \$6,000; owner, Mr.
Seeger, 346 Wallabout St.; architect, Richard Vom
Lehn, 109 Watton St.

Chicago, Ill.—J. B. Piper, two-st'y dwell., 422 Six-
tieth St.; cost, \$6,500.

P. W. George, 2 two-st'y dwells., 6537-6539 Perry
Ave.; cost, \$5,500.

M. Vineick, cottage, Forty seventh and Goodspeed
Sts.; cost, \$1,500.

Luke Venus, two-st'y dwell., Ninety-eighth St.;
cost, \$1,500.

F. Zipp, two-st'y dwell., Robey St., near Wilson
St.; cost, \$3,000.

Henry Sheldon, cottage, 7720 Storms Ave.; cost,
\$1,500.

Henry Peterson, three cottages, 120-126 Sheridan
Ave.; cost, \$1,800.

A. T. Jukes, three-st'y dwell., 619 Cleveland Ave.;
cost, \$5,000.

O. A. Riggles, two dwells., 1148-50 Bonney St.;
cost, \$1,300.

Peter Smith, two dwells., 235-237 South Robey St.;
cost, \$12,000.

McCormick Theological Seminary, six dwells.,
451-461 Fullerton Ave.; cost, \$20,000.

Julius Ratzke, dwell., 280 Armitage Ave.; cost,
\$1,500.

O. F. Lindham, two-st'y dwell., 4731 Ellis Ave.;
cost, \$15,000.

T. E. Uggas, two-st'y dwell., Grand Terrace; cost,
\$1,600.

Charles Drymond, two-st'y dwell., Ravenwood
St.; cost, \$9,500.

H. K. Tenny, two-st'y dwell., 5221 Kimball Ave.;
cost, \$3,000.

William Ashton, 4 two-st'y dwells., 3207-13 Calu-
met Ave.; cost, \$18,000.

J. C. Maynard, cottage, Byrne and Diversey Aves.;
cost, \$1,600.

Miss E. A. Wood, two-st'y dwell., Sixty-seventh
St., near McChesney St.; cost, \$2,000.

Ida Williams, two-st'y dwell., 540 Madison Ave.;
cost, \$3,500.

John R. Baker, three-st'y dwell., 2419 Indiana
Ave.; cost, \$4,500.

S. Zeitler, two-st'y dwell., Sixty-sixth St., near
Honore St.; cost, \$2,800.

J. S. Mahan, two-st'y dwell., 5549 Monroe Ave.;
cost, \$3,000.

Frank Deppe, two-st'y dwell., 122 Wilton St.;
cost, \$3,000.

Mrs. E. L. Brown, two-st'y dwell., 4363 Lake Ave.;
cost, \$4,000.

Christian Schiele, two-st'y dwell., 2023 Ashland
Ave.; cost, \$2,500.

A. T. Cromes, two cottages, Forty-ninth St., near
Wortes Ave.; cost, \$2,400.

H. McCormick, two cottages, Sherman Ave., near
Fifty-first St.; cost, \$2,100.

N. McMillan, three-st'y dwell., 174 Oakwood
Boulevard; cost, \$6,000.

Charles Johnson, cottage, 276 Woodside St.; cost,
\$1,300.

Owen Chalanah, two-st'y dwell., 370 Sheffield
Ave.; cost, \$5,000.

Charles Garben, three-st'y dwell., 178 Ontario St.;
cost, \$2,500.

W. C. Gardiner, cottage, Clarence St., near Byron
St.; cost, \$1,800.

L. Krasl, cottage, 603 Cornelia St.; cost, \$2,000.

E. F. Skinner, 4 three-st'y dwells., 197-201 Forty-
fourth St.; cost, \$21,000.

Robert Smith, two-st'y dwell., 7780 Peoria St.;
cost, \$4,000.

Dorchester, Mass.—Mather St., frame dwell., 31' x
45'; owner, W. A. Root; builder, Hugh H. Smith;
architect, Ernest N. Boyden, Boston.

Holyoke, Mass.—Arthur Perault, dwell., Elmwood;
cost, \$5,000.

New York, N. Y.—Seven three-st'y brick dwells.,
tin roofs; cost, \$84,000; owner, Joseph E. Rogers,
205 West One Hundred and Eighteenth St.; archi-
tect, Frank Wennemer, 204 East Eighty-sixth St.

Seventh Ave., w s, 20' n One Hundred and Thirty-
eighth St., 6 four-st'y brick dwells., tin roofs; cost,
\$60,000; owner, D. H. King, Jr., 35 Wall St.; archi-
tects, Bruce Price, 150 Fifth Ave.; and Clarence S.
Luce, 181 Broadway.

Seventh Ave., w s, One Hundred and Thirty-eighth
to One Hundred and Thirty-ninth St., 4 four-st'y
brick dwells., tin roofs; cost, \$76,000; owner, D. H.
King, Jr., 35 Wall St.; architects, Bruce Price, 150
Fifth Ave.; and Clarence S. Luce, 181 Broadway.

Ninety-sixth St., n e cor. Fifth Ave., two-st'y brick
dwell., tin roof; cost, \$7,500; owner, Charles K.
Maguire, 176 East One Hundred and Eleventh St.;
architect, Andrew Spence, 163 East One Hundred
and Twenty-fifth St.

One Hundred and Sixty-fourth St., s s, 325' n
Amsterdam Ave., three-st'y brick and frame dwell.,
tin roof; cost, \$4,500; owner, George Fielbeg, 352
West Forty-fourth St.; architects, Young & Schles-

(Continued on page xx.)

ARTISTIC ELECTRIC AND COMBINATION GAS FIXTURES.
FOR RESIDENCES, CHURCHES, YACHTS, MERCHANT STEAMERS, WAR SHIPS, ETC.
CLUB HOUSES, OFFICES, MANUFACTURED BY
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DECORATIVE * PUBLIC * EDISON BUILDING, BROAD ST. NEW YORK.
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RUSTLESS IRON.

(Magnetic Oxide Process.)

For full information, addresses of Works in operation, and shop rights, apply to

BOWER-BARFF RUSTLESS IRON CO., - 31 Nassau St., N. Y.**PENNSYLVANIA CONSTRUCTION CO.**Architectural Iron-Works,
IRON-WORK for BUILDINGS.Office: No. 132 First Avenue,
PITTSBURGH, Penn.

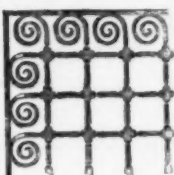
Architect's designs for Roof-Trusses worked up.

Passaic Rolling Mill Co.
PATERSON, N. J.**SOLID ROLLED BEAMS,**
Channels, Angles, Tees and
Merchant Iron.

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MANLEY & COOPER MANTLE CO.GUARDS—
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AND
Architectural
IRON.**Washington Avenue and Twenty-Fourth St.,
PHILADELPHIA, PA.Architectural, Plumbing
and Drainage Work.**Steel Folding Gates**— AND —
Ornamental Grille Work,
FOR BANKS and OFFICES.**WM. R. PITT,**
83 Reade St., New York.**The Columbia Iron and Steel Co.,**
OF PITTSBURGH, PA.Manufacturers of Iron and Steel Beams, Chan-
nels, Plates, Tees, Angles and Bars,
And Special Shapes for Architectural and En-
gineering Purposes.Office, 132 First Avenue, **PITTSBURGH, PA.**
F. D. Moffat & Co., 81 Fulton St., New York.
Eastern Agents.**NATIONAL****Fine Art Foundry,**

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Artists' Models cast in Standard Bronze

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Artistic and Enduring Monuments

in Granite and Bronze.

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Manufacture Rolled Beams, Channels, Angles,
Tee, Shape and Bar Iron of all sizes.Roof Trusses, Girders and Joists for fireproof
buildings framed and fitted as per plans.**PHENIX Wrought-Iron Columns** of all sizes.Die-forged Weldless Eyebars a specialty.
Designs and estimates furnished.**BOSTON AGENTS:****FRED A. HOUDLETTE & CO., 272 Franklin Street****NEW YORK AGENTS:****MILLIKEN & SMITH, 95 Liberty Street.**

We Manufacture Every Variety of

WROUGHT AND CAST IRON WORK**FOR BUILDING PURPOSES.**Estimates given upon Iron Store
Fronts, etc.**CHENEY & HEWLETT,**

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WROUGHT & CAST IRON For Buildings,
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ESTABLISHED 1852.

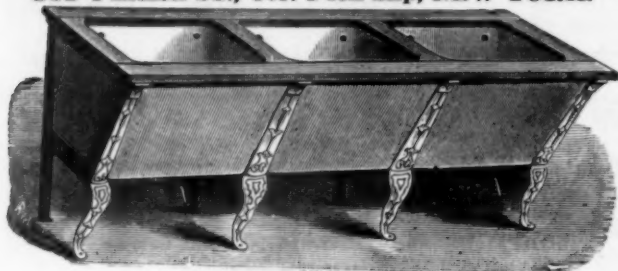
209 and 211 West 33d Street, New York City.

IRONWork for Buildings, Stairs, Columns, Railings, etc., etc.
Special attention given to Ornamental Wrought-Iron Work.**PROPOSALS.**Scranton, Pa., in accordance with drawings and spec-
ification, copies of which may be had on application at
this office or the office of the Superintendent at
Scranton, Pa. Each bid must be accompanied by a
certified check for \$100. The Department will reject
all bids received after the time herein stated for open-
ing the same; also, bids which do not comply strictly
with all the requirements of this invitation. Propo-
sals must be enclosed in envelopes sealed and
marked "Proposal for Iron Beams, etc., for the First
Floor and Basement Columns, etc., for the United
States Post-office, etc., building at Scranton, Pa.,"
and addressed to JAS. H. WINDRIM, Supervising
Architect. 783**THIRTEENTH REGIMENT ARMORY.**
[At Brooklyn, N. Y.]
THIRTEENTH REGIMENT ARMORY COMMISSION,
MAYOR'S OFFICE, CITY-HALL,
BROOKLYN, N. Y., December 10, 1890.**NOTICE TO CONTRACTORS.**Sealed proposals will be received at this office until
the 14th day of January, 1891, at 12 o'clock M.,
for each of the following purposes:**FIRST:** For the amount of the cost of the construction
of the whole Armory, including mason-work and
works, carpenter-work and works, iron-work and
works, steam-heating work and works, plumbing-work
and works, contained in the respective specifications.Amount of deposit, 5 per cent on estimated cost.
Amount of surety, 30 per cent on estimated cost.**SECOND:** For the:
MASON-WORK AND WORKS contained in the
Mason's Specification for the construction of the
Thirteenth Regiment Armory.Amount of deposit, 5 per cent on estimated cost.
Amount of surety, 30 per cent on estimated cost.**ALSO FOR:**
The **CARPENTER-WORK AND WORKS** contained in the
Carpenter Specification for the construction of the
Thirteenth Regiment Armory.Amount of deposit, 5 per cent on estimated cost.
Amount of surety, 30 per cent on estimated cost.**ALSO FOR:**
The **IRON-WORK AND WORKS** contained in the
Iron Specification for the construction of the Thir-
teenth Regiment Armory.Amount of deposit, 5 per cent on estimated cost.
Amount of surety, 30 per cent on estimated cost.**ALSO FOR:**
The **STEAM-HEATING WORK AND WORKS** contained
in the Steam-Heating Specification for the
construction of the Thirteenth Regiment Armory.Amount of deposit, 5 per cent on estimated cost.
Amount of surety, 30 per cent on estimated cost.**ALSO FOR:**
The **PLUMBING-WORK AND WORKS** contained
in the Plumbing Specification for the construction of
the Thirteenth Regiment Armory.Amount of deposit, 5 per cent on estimated cost.
Amount of surety, 30 per cent on estimated cost.Each proposal must be accompanied by a deposit in
money or by a certified check in the same amount,
payable to the order of the Mayor of the City of**WHY ARCHITECTS SHOULD SPECIFY
GRIMSHAW WHITE CORE WIRE.****NEW YORK INSULATED WIRE CO., Sole Manufacturers,**

649-651 Broadway, NEW YORK, N. Y.

FIRST. It has been used for the past seven (7)
years under all conditions.**SECOND.** It insures absolute safety to life
and property.**THIRD.** All the Boards of Fire Underwriters
and Inspectors approve it.Extract from test made by a
well-known expert."When gauged by the standards of the best authorities
in this country, the insulation would still be found from
500 to 1,000 times more than sufficient. This margin
ought certainly to dispose effectually of any question
which may arise about safety from shocks or fire."**BUILDING INTELLIGENCE.**st'y brick block, with brownstone trimmings, 40' x
75, flat roof; first story for stores; slow-burning con-
struction, iron staircases, elevator; owner, estate of
Moses B. Wildes; builders, Webster Dixon & Co.;
architect, E. A. P. Newcomb.**Brooklyn, N. Y.**—Court St., e. s. 20's Nelson St.,
four-st'y brick store and dwell., tin roof; cost,
\$5,000; owner, John F. Nelson, 153 Carroll St.**Moore St., s. s. 546' e Bushwick Ave.,** four-st'y
frame store and dwell., tin roof; cost, \$5,000; own-
ers, Beers & Schaffner, Vernon St.; architect,
Frank Holmberg, 1161 Broadway.**Herkimer St., n w cor. Saratoga Ave.,** three-st'y
brick store and dwell., felt and gravel roof; cost,
\$5,500; owner, George H. Gibby, 76 Hoyt St.; archi-
tect, E. Nessier, 13 Ocean Pl.**McDougal St., s. s. 63' 10 1/2' w Broadway,** three-st'y
frame store and dwell., tin roof; cost, \$5,000;
owner, Jacob Weinmann; architects, Wm. Field &
Son, 1030 Gates Ave.**Bedford Ave., e. s. 60' n Atlantic Ave.,** five brick
stores, gravel roofs; cost, \$3,500; owner, R. O. Frost,
885 Butler St., architect, F. B. Langston, 122 Bed-
ford Ave.**Holyoke, Mass.**—G. C. Frissell, brick stores and
tenements, South High St.; cost, \$2,000; architect,
G. P. B. Alderman.**New York, N. Y.**—West Fifty-ninth St., No. 306,
two-st'y brick store, tin roof; cost, \$4,000; owner,
Charles E. Appleby, Long Island; architect, Alfred
E. Barlow, 149 Broadway.**Twelfth Ave., w. s. 53' s One Hundred and Thirty-**
second St., brick store; cost, \$10,000; owner, Daniel
Katz, 1225 Amsterdam Ave.; architect, E. L. Angell,
94 Liberty St.**TENEMENT-HOUSES.****Holyoke, Mass.**—L. A. La France, tenement block,
Depot Hill; contract not let.**WAREHOUSES.****New York, N. Y.**—Canal St., n w cor. Forsyth St.,**BUILDING INTELLIGENCE.**six-st'y brick warehouse; owner, Bernhard Galew-
ski.**MISCELLANEOUS.****Abilene, Texas.**—A club-house, to cost \$30,000, is
contemplated.**Amherst, Mass.**—Amherst College, two-st'y brick
chemical laboratory.**Boston, Mass.**—Nepomac Ave., No. 428, Ward 24,
one-st'y frame mechanical building, pitch roof, 22'
x 40'; owner, James P. Wilson; builder, Henry P.
Oakman.**Chattanooga, Tenn.**—It is reported that the Chat-
tanooga Chamber of Commerce will build a build-
ing, to cost about \$100,000.**Dawson, Ga.**—\$30,000 will be expended in the build-
ing of a court-house.**Fairfield, Texas.**—The building of a court-house, to
cost about \$30,000, is contemplated.**Tonawanda, N. Y.**—Three-st'y Association build-
ing, tin roof, with auditorium, baths, gymnasium,
society rooms and four stores; architect, W. H.
Archer.**Three-st'y brick and stone business block,** tin
roof, for George P. Smith, Esq.; architect, W. H.
Archer.**White Plains, N. Y.**—Sixteen fireproof buildings
for the New York Hospital to replace the Bloom-
ingdale Asylum; architect, James Brown Lord.**Windsor Locks, Conn.**—Windsor Locks Water Co.,
pump-house; contractor, James Rankin.**PROPOSALS.**December 11, 1890. Sealed proposals will be re-
ceived at the office of the Supervising Architect,
Treasury Department, Washington, D. C., until 2
o'clock P. M. on the 7th day of January, 1891, for the
iron beams, etc., for first floor, basement columns,
etc., for the United States Post-office, etc., building at

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STEWART CERAMIC COMPANY,
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The only Solid White Crockery Wash-tub ever made in the world. Do not buy imitations until you see the genuine "Morahan's Patent," stamped on the front of every tub. Wash-board and Soap-cup moulded in every set. Will outlast any house.

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PROPOSALS.

Brooklyn, in the sum above specified for each of the separate works, such check or amount of money to be returned to the bidder in case his bid is rejected.

Plans may be seen at the office of the Department of Parks, City-Hall, and the office of the County Clerk, Hall of Records. Specifications may be obtained and forms of proposals can be procured on application to the Secretary at the Mayor's office.

Proposals for each of the separate works above stated to be made in two parts: one to include the cost of building from westerly property line to easterly line of westerly gable wall separating administration building and drill-hall; the other part of proposal to state the cost of balance of building.

The contract, if accepted by the Commission, will be awarded at present, building operations to be commenced as soon as the weather will permit in the spring, and when notified by the Commission.

The mason-work to be completed within twelve months after such notification, and all the above other works stated to be completed within eighteen months thereafter.

Proposals will not be considered unless each proposal shall be accompanied by the deposit aforesaid, and also by an undertaking in writing, with two sureties, each of whom shall qualify as to his responsibility in the respective sums above mentioned, and who shall be owners of estate in the County of Kings and the City and County of New York, in their own right, in the amount of such surety, and shall have held the same for at least one year prior to the time of becoming such surety, that if the contract be awarded to the party or parties proposing, they will become bound as his or their surety for its faithful performance; and, in case he or they shall neglect or refuse to execute the contract, if so awarded them, that they will pay to the Commission the difference between the price so proposed and the price at which the contract may be made with any other person or persons. Proposals to be endorsed "To the Thirteenth Regiment Armory Commission" (specifying work). The said proposals will be publicly opened and announced on the 14th day of January, 1891, at the hour of 12 o'clock M., provided that the Commission, or a majority of the Commission, be present. In case of the absence of the members of the Commission, then on the first day thereafter when they may be convened.

The Commission reserves the right to reject any or

PROPOSALS.

all bids for the construction of said work, if they deem it for the best interests of the County so to do.

ALFRED C. CHAPIN,

Mayor.

GEORGE V. BROWER,

President of Department of Parks,

HENRY H. ADAMS,

County Treasurer.

WM. J. KAISER,

County Clerk.

DAVID E. AUSTEN,

Col. 13th Regt., N. G.

Attest:

DANIEL B. PHILLIPS, Secretary.

Commissioners.

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December 9, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 6th day of January, 1891, for all the labor and materials required, and fixing in place complete, all the iron furring, lathing and plastering, ceiling-light, etc., required for the United States Court-house, Post-office, etc., building at Denver, Col., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Denver, Col. Each bid must be accompanied by a certified check for \$200. The Department will reject all bids received after the time herein stated for opening the same; also, all bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Iron Furring, Lathing, Plastering, etc., for the United States Court-house, Post-office, etc., building at Denver, Col." and addressed to JAS. H. WINDRIM, Supervising Architect.

December 4, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 5th day of January, 1891, for all the labor and materials required for the approaches to the United States Court-house, Post-office, etc., building at Louisville, Ky., in accordance with the drawing and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$500. The Department will reject all bids received

COL. GEORGE E. WARRING, JR., C. E. etc., in his recent work on Sewerage and Land Drainage, in speaking of traps liable to siphonage, says: "the best remedy would be to supply the defective traps at their summits with McClellan's Mercury Seal-Trap Vent, a perfectly safe device, of little cost, simple and easy of application, and sure to supply air when needed."

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PROPOSALS.

after the time herein stated for the opening of the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in an envelope sealed and marked "Proposal for the Approaches to the United States Court-house, Post-office, etc., building at Louisville, Ky." and addressed to JAS. H. WINDRIM, Supervising Architect.

United States Engineer Office, 34 West Congress Street, Detroit, Mich., November 28, 1890. Sealed proposals, in triplicate, for furnishing all materials and labor, and building the masonry of a lock at St. Mary's Falls Canal, Mich., will be received at this office until 2 o'clock P. M., January 27, 1891, and then publicly opened. Preference will be given to materials of domestic production or manufacture, conditions of quality and price (import duties included) being equal. Attention is invited to Acts of Congress approved February 26, 1885, and February 23, 1887, Vol. 23, page 832, and Vol. 24, page 414, Statutes at Large. The Government reserves the right to reject any or all proposals; also to award the contract upon other considerations than the price. For further information apply at this office or to the United States Engineer Office, Sault Ste. Marie, Mich. O. M. FOLEY, Colonel Corps of Engineers, Bvt. Brig. Gen., U. S. A.

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The American Architect and Building News

—FOR 1891.—

During the coming year the publication of the following Serial Papers will be continued, and in some cases completed: "SAFE BUILDING," by Mr. Berg; "ANCIENT ARCHITECTURE FOR STUDENTS," by Mr. Gambier-Bousfield; "ARCHITECTURAL SHADES AND SHADOWS," by Prof. Hamlin; and the papers on "EQUESTRIAN MONUMENTS." All of these papers are fully illustrated, and their character well understood.

We have also been given to understand that it will be possible to resume publication of the following interrupted serial papers: "ARCHITECT, BUILDER AND CLIENT BEFORE THE LAW," by Mr. T. M. Clark, and "OLD COLONIAL WORK IN VIRGINIA," by Mr. A. B. Bibb, with illustrations.

NEW MATTER WILL BE REPRESENTED BY THE FOLLOWING SERIAL PAPERS:

"The Life and Works of Emanuel Fremiet, Sculptor."

By TRUMAN H. BARTLETT, Sculptor.

Mr. Bartlett has enjoyed the friendship of his subject for many years, and while he judges with discretion, infuses into his criticism the warmth of friendship. An unusual number of illustrations will add interest to these papers, many of them showing work which is quite unknown even to those well informed as to modern sculpture.

"American Construction through English Eyes."

Under this heading will be published the observations on our methods of building made by Mr. A. Arthur Cox, holder of the Godwin Bursary, who has travelled widely in this country, and has taken copious notes with pen and pencil of whatever seemed merely curious, or valuable and unknown to English architects.

"Construction."

The most useful article in Viollet-le-Duc's "*Dictionnaire Raisonné de l'Architecture*" is the long and elaborately illustrated article "Construction." A translation of this valuable fragment by Mr. George Martin Huss, will be published with all the illustrating diagrams and cuts.

"Comparative Municipal Building Laws."

A Digest of the Building Laws, in use at present in the following cities, in tabular form, compared, collated and arranged for easy reference, by Mr. Henry A. Phillips, will form a *vade mecum* for Architects who often have to carry on building operations under many different regulations at the same time:

Baltimore, Md.	Cleveland, O.	Louisville, Ky.	Newark, N. J.	Pittsburgh, Pa.
Boston, Mass.	Denver, Col.	Memphis, Tenn.	New Orleans, La.	Providence, R. I.
Brooklyn, N. Y.	Dis. of Columbia.	Milwaukee, Wis.	New York, N. Y.	San Francisco, Cal.
Charleston, S. C.	Detroit, Mich.	Minneapolis, Minn.	Omaha, Neb.	St. Louis, Mo.
Chicago, Ill.	Kansas City, Mo.	Nashville, Tenn.	Philadelphia, Pa.	Wilmington, Del.
Cincinnati, O.				

"Another Architectural Knockabout."

By MR. F. L. V. HOPPIN.

With its many architectural and some humorous illustrations, may be counted upon to enliven, with its chatty description of student travel in Spain and Africa, the sobriety of ordinary professional discussion.

The Illustrations

Will in quantity and variety be the same as during the past year, while the quality will, so far as it rests with us, continue to improve.

Subscriptions.

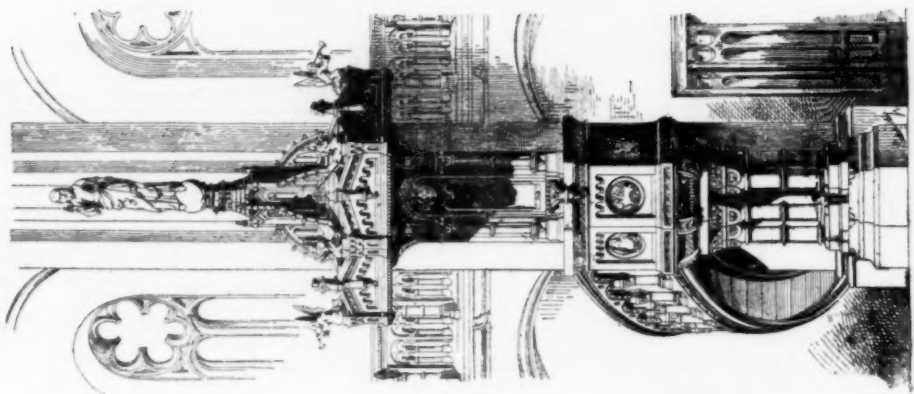
New direct Subscribers to the International Edition will receive free the December copies for this year—until our present small surplus is exhausted. The moral of this is, simply, that those who subscribe early will have an advantage over those who delay.

International Edition, in advance,	-	-	-	-	\$25.00
" " " quarterly payment, in advance,	-	-	-	-	26.00
[Single copies of this edition cannot be procured]					
Imperial Edition, in advance,	-	-	-	-	10.00
Regular Edition, in advance,	-	-	-	-	6.00

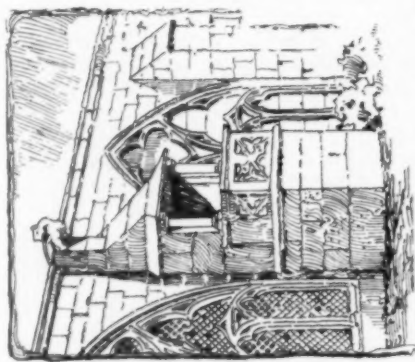
Club Rates furnished on application.

TICKNOR & CO., Publishers,

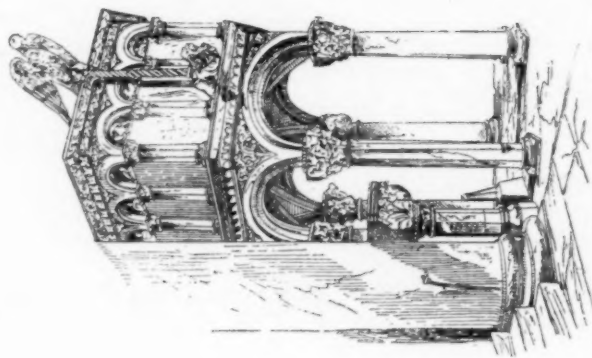
211 Tremont Street, Boston, Mass.



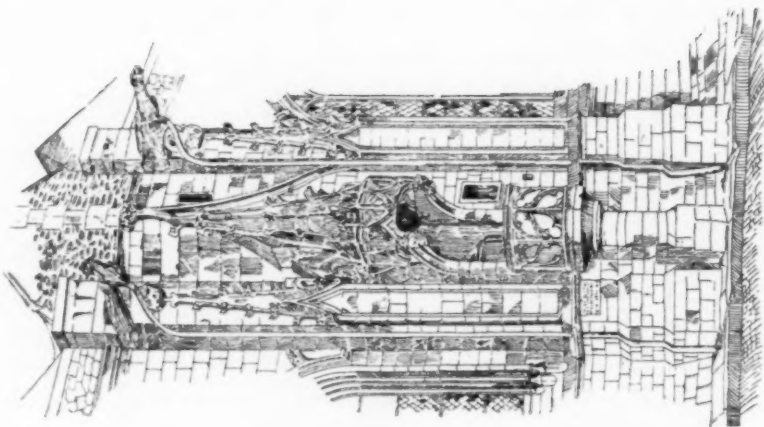
Pulpit in a Church near Stuttgart.



EXTERNAL PULPIT AT SAINT-DIE



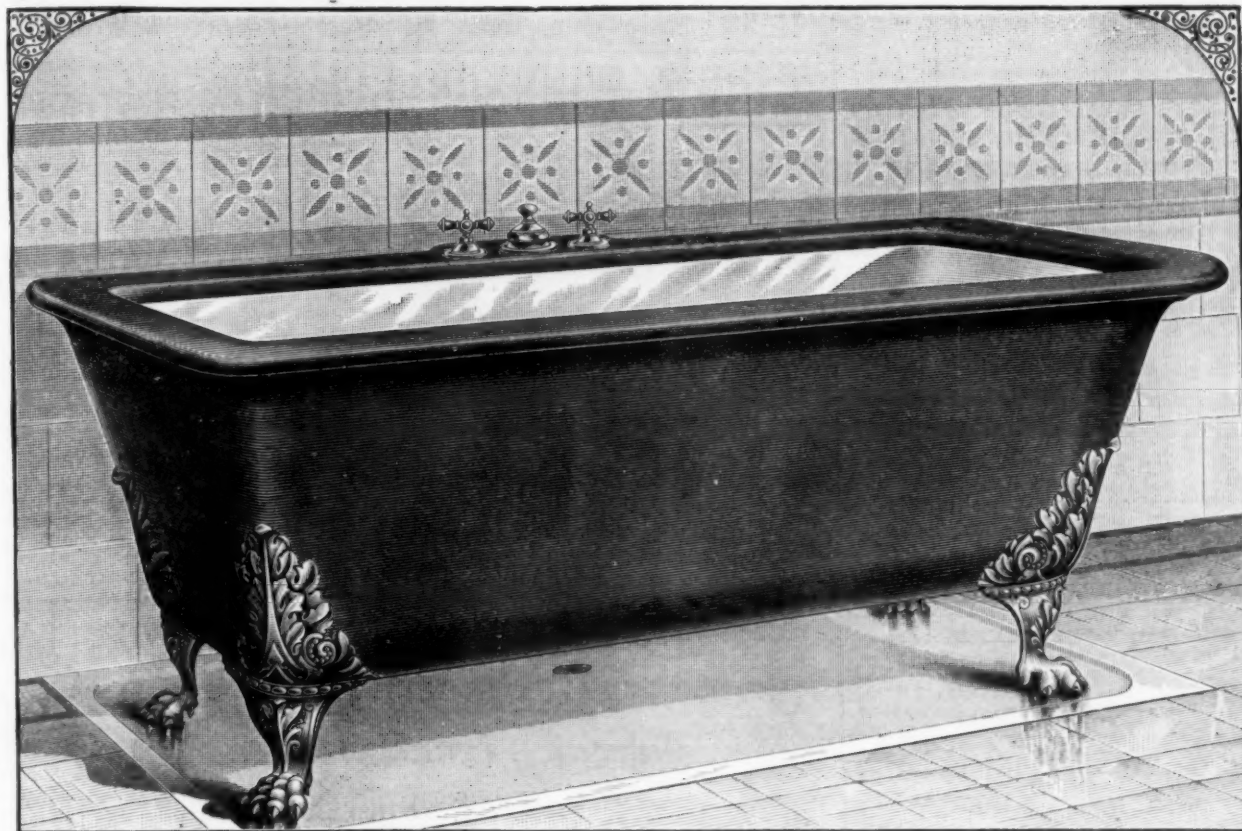
Pulpit from the Church of Spalato, Dalmatia.

EXTERNAL PULPIT NOTRE DAME ST. LO.
AFTER A DRAWING BY W. F. DEDFORD IN THE BUILDER

The J. L. MOTT Iron Works.

88 and 90 Beekman Street, NEW YORK,

311-313 Wabash Avenue, CHICAGO.



Copyright, 1888, by The J. L. MOTT IRON WORKS.—Plate 29-G.

Porcelain-lined Roman Bath, with Supply Fittings and "Unique" Waste, and Bronzed Iron, Polished or Nickel-plated Cast Brass Legs and Hardwood or Cast Brass Rim. The Roman Bath is the outcome of the growing desire to have plumbing appliances set up without any, or at least very little, cabinet work; for this purpose the Roman Bath is well adapted, as it renders unnecessary the exposure of the pipes and fittings and is very artistic and symmetrical. The fittings, being at the back of the tub, can be easily reached by the bather.

[See Alphabetical Index on page VII for Pagination.]

Classified Advertisements.

[Advertisers can be indexed only under a single head free of charge.]

- Aluminum.**
Cowan Electric Smelting and Aluminum Co.,
Cleveland, O.
- Annunciators.**
W. R. Ostrander & Co., New York.
- Architect's Materials.**
Frost & Adams, Boston. (cow)
Queen & Co., Philadelphia, Pa.
- Artificial Stone.**
Wohn Pavement Co., New York, N. Y. (cow)
- Asbestos.**
Asbestos Packing Co., Boston, Mass.
- Asbestos Felt & Hoiler Coverings.**
H. W. Johns Mfg. Co., New York
- Asbestos Felt.**
H. F. Watson, Erie, Pa.
- Asbestos Paint.**
H. W. Johns Mfg. Co., New York.
- Asphalt.**
Matt Taylor Paving Co., New York.
- Neuchatel Asphalt Co., New York**
New York Mastic Works,
E. H. Wootton, New York.
- Asphalt Roofing.**
Warren Chemical & Mfg. Co., New York.
- Basin Cocks.**
H. A. Williams Mfg. Co., Boston, Mass. (mon)
- Bath-Tub.** Miller & Coates, New York.
J. L. Mott Iron Works, New York
Dewey Indurated Co., Oswego, N. Y.
- Bells.**
Blake Bell Co., Boston.
- Board Measure Table.**
C. J. Rogers, Milton.
- Bollers.**
Babcock & Wilcox Co., New York.
Gorton & Lidgerwood Co., New York. (cow)
Randolph & Glaves, Waterbury, Conn.
- Books and Journals.**
Babcock & Wilcox Co., New York.
Wm. T. Comstock, New York.
Tinkner & Co., Boston.
- Brass Goods.**
J. B. Shannon & Sons, Philadelphia. (mon)
- Brick (Ornamental).**
Burns, Russell & Co., Baltimore, Md.
Howard Fleming, New York. (cow)
Hydraulic Press Brick Co., St. Louis.
Memomine Pressed Brick Co., Menomonee,
Wis.
Peerless Brick Co., Philadelphia, Pa. (cow)
Waldo Bros., Boston.
Washington Hydraulic Press Brick Co., Wash-
ington, D. C.
- Brick Machine.**
The Frey, Shecker Co., Bucyrus, O. (cow)
- Bronzework.**
Bureau Bros., Philadelphia, Pa. (mon)
- Building Felt (Fire and Waterproof).**
H. W. Johns Mfg. Co., New York
- Building Paper.**
H. F. Watson, Erie, Pa.
Standard Paint Co., New York, N. Y.
- Carpets, etc.**
John H. Fry, Boston & Co., Boston, Mass.
- Ceilings (Acial).**
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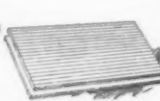
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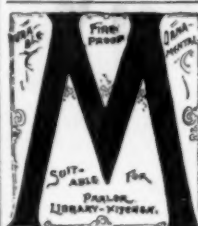
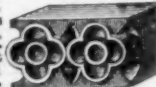
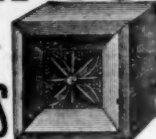
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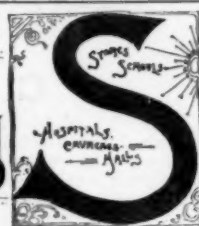
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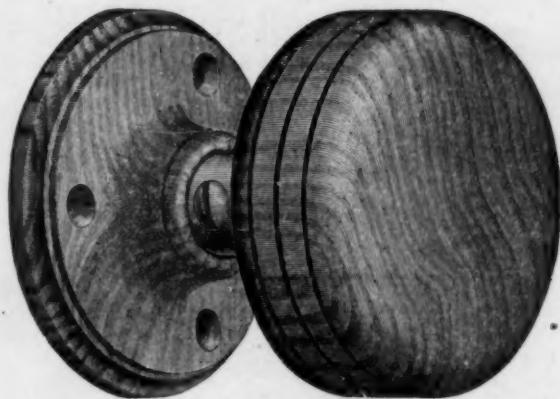
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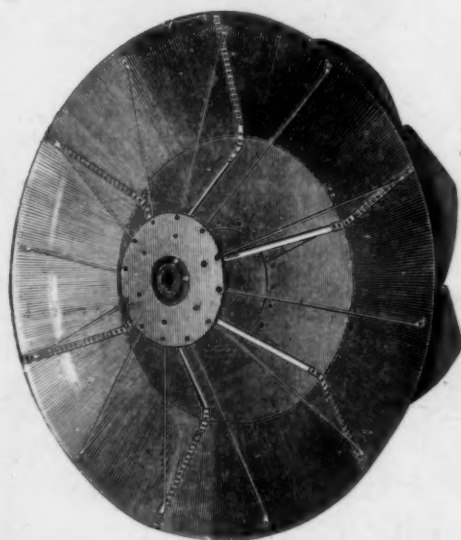
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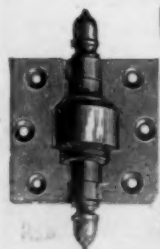
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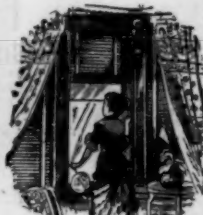
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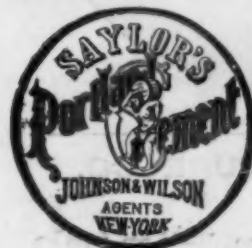
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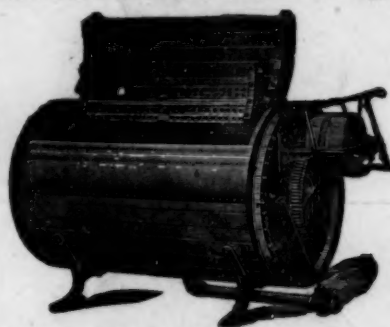
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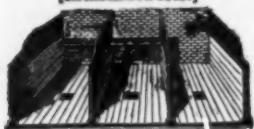
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Boards: (Ordinary dimensions.)				
Pine, 1st quality, clear.....	65 00 @ 75 00	50 00 @ 60 00	30 00 @ 47 00	48 00 @ 55 00
" 2d quality.....	55 00 @ 60 00	42 00 @ 50 00	28 00 @ 28 00	40 00 @ 45 00
" 3d quality.....	18 00 @ 22 00	35 00 @ 40 00	14 00 @ 20 00	30 00 @ 35 00
Spruce.....	18 00 @ 25 00	13 00 @ 25 00	Not sold.	16 00 @ 20 00
Hemlock.....	ea 13 1/2 @ 14	13 00 @ 15 00	12 00 @ 12 00	11 25 @ 13 50
Yellow pine.....	20 @ 40	25 00 @ 35 00	29 00 @ 37 00	14 00 @ 29 00
Cypress.....	@	22 00 @ 40 00	@	@ 35 00
Clapboards:				
Pine.....	@	40 00 @ 60 00	10 00 @ 22 00	14 00 @ 25 00
Spruce.....	@	25 00 @ 40 00	Not sold.	Not sold.
Framing Timber:				
Pine.....	14 00 @ 18 00	15 50 @ 20 00	12 00 @ 15 50	25 00 @ 37 50
Spruce.....	12 00 @ 16 00	14 00 @ 16 00	Not sold.	16 00 @ 18 00
Hemlock.....	18 00 @ 21 00	24 00 @ 35 00	10 00 @ 13 00	13 00 @ 11 00
Yellow pine.....	@	@	@	22 00 @ 28 00
Laths:				
Pine.....	@	2 25 @ 2 35	2 10 @ 2 25	2 75 @ 3 00
Spruce.....	2 25 @ 2 30	2 25 @ 2 50	Not sold.	2 30 @ 2 60
Shingles:				
Pine, shaved..... P. M.....	5 00 @ 6 00	@ 4 50	Not sold.	@ 4 50
Pine, sawed..... "	4 00 @ 5 00	@ 4 50	2 20 @ 3 00	@ 4 50
Spruce, sawed..... "	1 50 @ 2 00	1 50 @ 2 00	Not sold.	@ 4 50
Redwood..... P. M.....	1 40 @ 1 60	3 75 @ 4 00	6 00 @ 7 50	30" @ 35 @ 40
Cedar, split..... P. M.....	@	@	Not sold.	24" @ 8 @ 21
Cedar, sawed..... P. M.....	@	2 00 @ 4 00	2 00 @ 2 35	20" @ 35 @ 14
Cypress, Split..... 7 x 24. "	18 00 @ 20 00	5 00 @ 6 00	3 50 @ 4 00	11 00 @ 14 00
Miscellaneous:				
Pine..... P. ft.....	4 1/2 @ 5 1/2	Price 6c. P. ft.	Cut to order.	
Fence pickets, Common.....	8 00 @ 10 00	10 00 @ 18 00	P. 10 00 @ 18 00	9 00 @ 13 00
Cedar posts, 9 ft. (sq. posts).....	@	25 @ 50	9 @ 21	4 1/2 @ 1 25
Chesnut.....	@	25 @ 50	Not sold.	20 @ 30
Finishing Woods: P. M. (First Qual.)				
Ash.....	@ 55 00	45 00 @ 60 00	20 00 @ 40 00	30 00 @ 40 00
Cherry.....	80 00 @ 120 00	85 00 @ 120 00	80 00 @ 100 00	100 00 @ 120 00
Butternut.....	40 00 @ 60 00	60 00 @ 70 00	50 00 @ 60 00	70 00 @ 80 00
Hard-pine floors (rift).....	@ 180 00	150 80 @ 160 00	150 00 @ 200 00	150 00 @ 250 00
Mahogany, Baywood (Mexican).....	@ 350 00	120 00 @ 250 00	200 00 @ 250 00	200 00 @ 400 00
" St. Domingo.....	45 00 @ 60 00	45 00 @ 50 00	18 00 @ 35 00	25 00 @ 55 00
Maple.....	@ 70 00	@ 50 00	32 00 @ 40 00	45 00 @ 55 00
Oak, red.....	@ 70 00	50 00 @ 55 00	22 00 @ 40 00	45 00 @ 55 00
" white.....	@ 90 00	55 00 @ 80 00	45 00 @ 50 00	60 00 @ 75 00
" quartered.....	@ 90 00	50 00 @ 65 00	35 00 @ 50 00	87 00 @ 65 00
Sycamore quartered.....	@ 90 00	50 00 @ 75 00	35 00 @ 50 00	60 00 @ 65 00
Pine, clear.....	65 00 @ 70 00	50 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
Redwood.....	60 00 @ 70 00	@ 70 00	@ 70 00	@ 70 00
Rosewood..... P. M.....	@ 6	35 00 @ 35 00	@ 7	@ 7
Spruce floors (clear, kiln-dried).....	125 00 @ 150 00	85 00 @ 130 00	55 00 @ 100 30	50 00 @ 17 00
Walnut, black.....	45 00 @ 50 00	40 00 @ 45 00	18 00 @ 40 00	25 00 @ 40 00
Whitewood.....	@ 45 00	40 00 @ 45 00	29 00 @ 40 00	50 @ 45 00
Yellow pine..... P. M.....	@ 45 00	@ 45 00	@ 45 00	@ 45 00

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	New York.	Boston.	Chicago.	Philadelphia.
BRICK.—P. M.				
(Wholesale Prices.)				
Common: Cargo afloat.				In Yard.
Fale.	2 75 @ 3 25	Eastern	Building Brick	Sq. Hard @ 9 00
Jersey.	4 75 @ 5 75	9 00 @ 10 00	@ 6 50	" @ 7 00
Long Island.	5 50 @ 5 75	May State Hard		" @ 5 00
Up River.	5 25 @ 6 00	9 00 @ 10 00		Sq. " @ 6 00
Haverstraw Bay 2nd.	5 75 @ 6 25	Domestic Com.	Indiana Pressed	Light Stretchers
" 1st.	6 25 @ 6 70	9 50 @ 10 00	14 00 @ 20 00	" @ 10 00
Hollow	@ 13 00	Domestic Face	St. Louis Fronts	Medium " @ 12 00
Fronts		20 00 @ 22 00	@ 27 00	Red " @ 13 00
Croton, Brown.	14 00 @ 15 00	Philadelphia		Dark " @ 13 00
" dark.	15 00 @ 16 00	40 00 @ 45 00		Pressed " @ 13 00
" red.	15 00 @ 16 00	Phila. mould.		Best Paving
Chicago pressed (Anderson).		50 00 @ 50 00		@ 14 00
Chicago Moulded.				Second " @ 13 00
Baltimore.	7 00 @ 41 00	Anderson		Third " @ 12 00
Philadelphia.	@ 22 00	14 00 @ 32 00		Dom. " @ 6 00
Trenton.	@ 22 00			@ 6 00
Milwaukee.				@ 6 00
Moulded:				
Glens Falls Red Pressed.	@ 37 00			
" " Buff.	@ 30 00			
" " Moulded Red & Buff.	45 00 @ 70 00			
Enamelled: imp.				
Enamelled (edge).	80 00 @ 100 00			
Enamelled (edge and end).	90 00 @ 115 00			
CEMENT, LIME, etc.—(P. M.)				
Rosendale Cement.	90 @ 1 00	1 20 @ 1 40	Not Sold.	1 30 @ 1 50
Louisville.		Brooks, S. & Co	1 05 @ 1 30	H. S. & Co 2 75 @ 3 00
Utica, Akron, Buffalo, Milw'kee.	Not sold.	2 00 @ 3 00	1 00 @ 1 25	2 65 @ 3 25
Portland, English (Gibbs).	2 50 @ 3 00	2 60 @ 3 00	2 75 @ 3 25	2 85 @ 3 15
" (K. B. & S.).	2 50 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	2 75 @ 3 00
" (Burham).	2 25 @ 2 50	2 60 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" (White's).	2 50 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	2 75 @ 3 00
" French (Lafarge).	3 00 @ 3 75	3 00 @ 3 50	3 75 @ 4 25	Hemmoor
" German (Aisen).	2 90 @ 3 25	3 15 @ 3 35	3 20 @ 3 40	2 50 @ 2 75
" (Fowor).	2 25 @ 2 40	Cleopatra	2 75 @ 3 00	2 75 @ 2 85
" (Vorwiler).	2 50 @ 2 90	2 55 @ 3 00	3 25 @ 3 50	Josson
" (Lagerdorff).	2 90 @ 3 25	3 00 @ 3 50	Not Sold.	2 60 @ 2 75
" (Hanover).	2 50 @ 3 00		Not Sold.	3 00 @ 3 25
" Stettin (Anchor).	2 35 @ 2 85		Not Sold.	2 75 @ 2 85
" American (Saylor's).	2 15 @ 2 45			
Roman.	2 75 @ 3 00	2 15 @ 2 50	2 75 @ 3 00	2 70 @ 3 00
Keene's coarse.	5 75 @ 6 50	3 00	2 75 @ 3 25	3 00 @ 3 50
" superfine.	9 25 @ 10 25	11 50	6 00 @ 7 00	6 50 @ 7 00
Lime.			9 @ 10 50	8 00 @ 9 00
Lime of Tell.	3 50 @ 4 00			
Hydraulic Lime.	@ 1 45	@ 1 35		
Chicago Lime in bulk.		St. John 1 00	55 @	White Lime
Wisconsin	@ 90	@ 1 05	60 @	25 @ 30 @ bush
Rockland and Rockport, (Com.).	@ 1 10	@ 1 20	Not sold.	White Mass
Rockland and Rockport, finish.	@ 1 20	@ 1 30	Not sold.	1 25 @ 1 50
Kelley Island Lime, finish.	@ 85	Not sold.	100 bulk, 75c.	1 00 @ 1 00
State, com. cargo rates (nom.).	@ 1 05	Not sold.	Not sold.	Not sold.
State, finishing " "	@ 1 15	Not sold.	Not sold.	Not sold.
Plaster of Paris (calcined).	1 30 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	1 50 @ 2 25
" (casting) " "	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) & bush.	12 @ 15	25 @ 30	30 @ 25	30 @ 25
" (Goat).	23 @ 25	30 @ 30	30 @ 25	30 @ 25
Sand, & load.	1 00 @ 1 25	1 75 @ 1 90	@ 50	30 @ 35
STONE. (P. cubic foot, rough.)				
Granite: (Massie)		@ 60		55 @ 65
Limestone:				
Bedford.	45 @ 1 25	95 @ 1 00	50 @	75 @ 90
Joliet.	@ 1 00		35 @ 55	Richmond
Lemont.			35 @ 60	75 @ 1 50
Serpentine.			@ 1 00	4 50 @ 5 00

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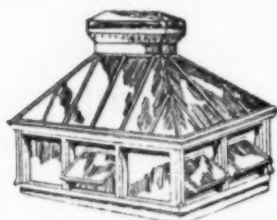
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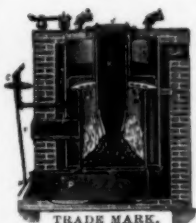
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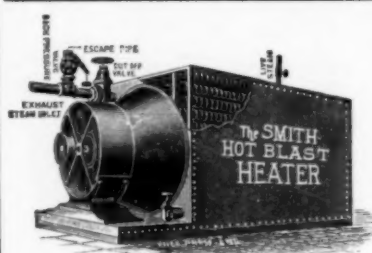


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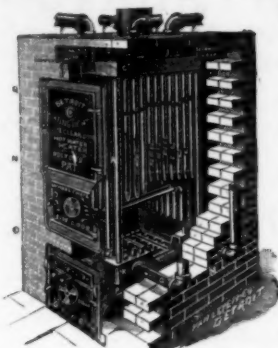
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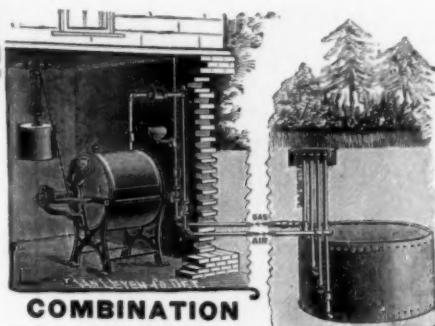
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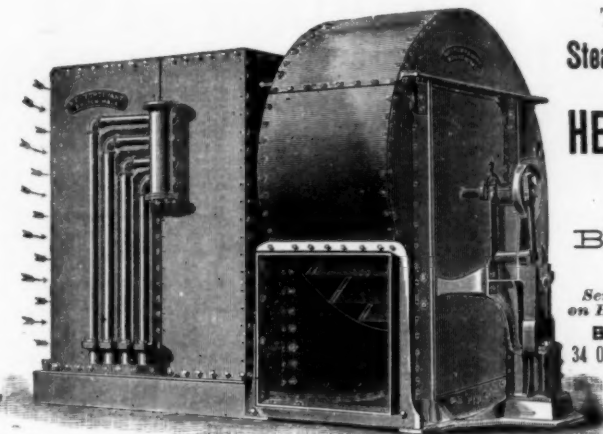


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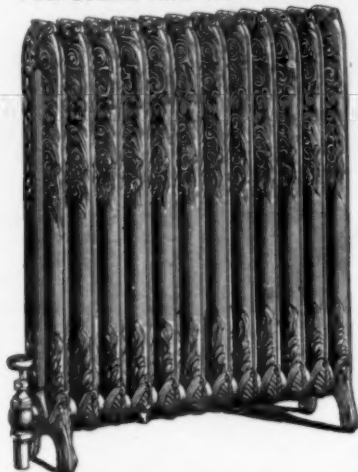
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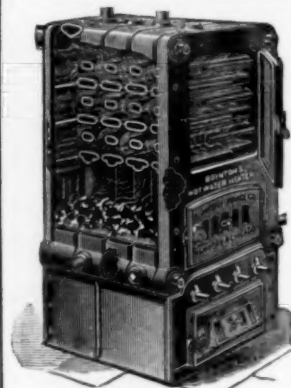
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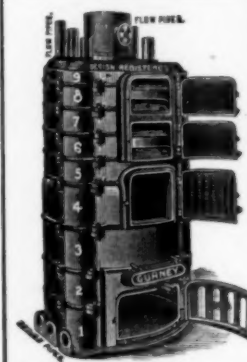
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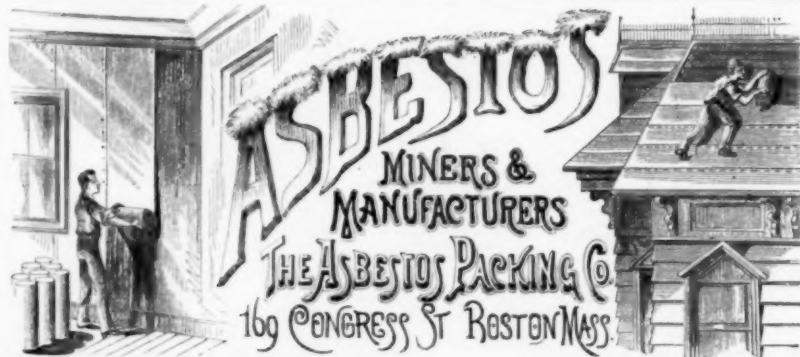
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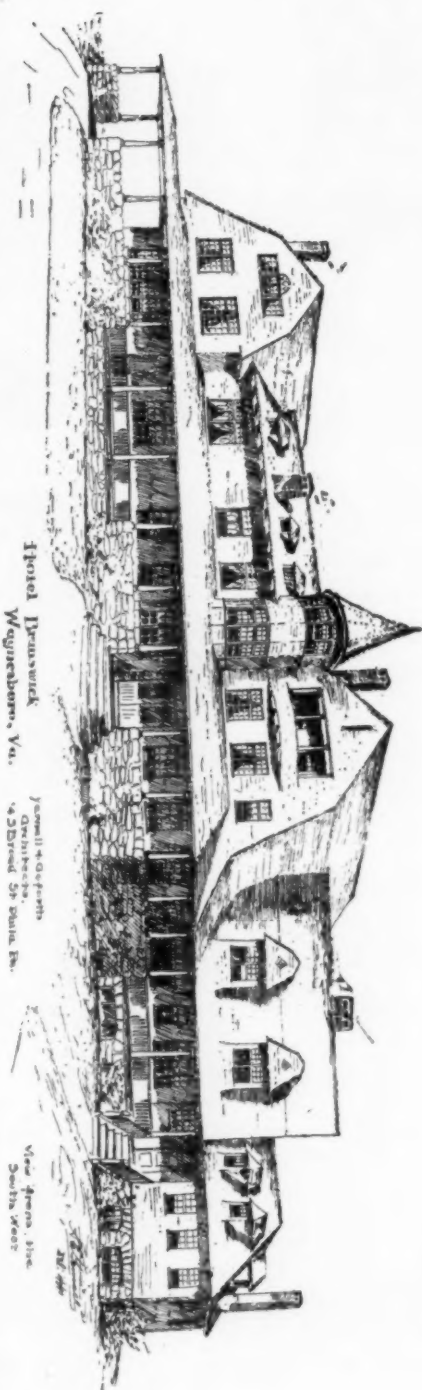
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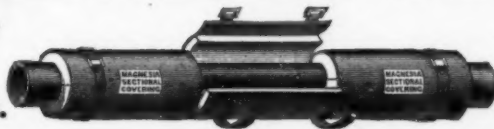
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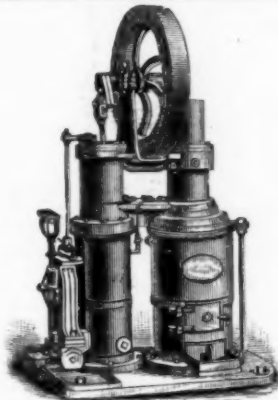
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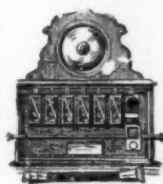
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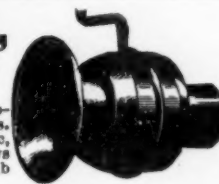


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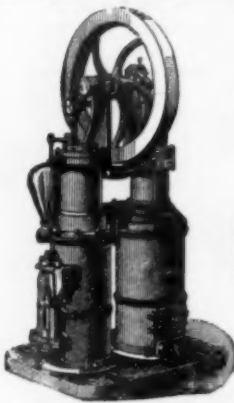
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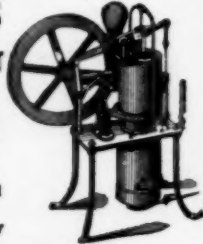
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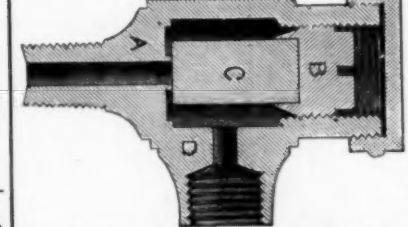
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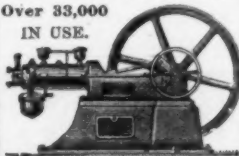
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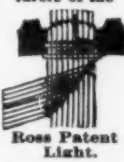


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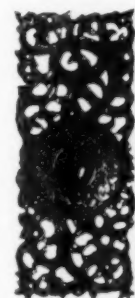
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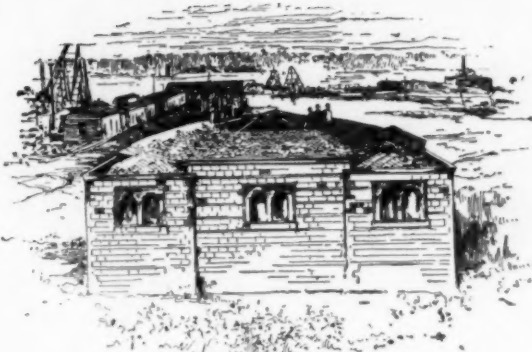
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Ames & Frost, seven-sty addition, Black Hawk and Cherry Sts.; cost, \$2,000.
Henning & Speed, eight-sty addition to office building, 299-303 Clark St.; cost, \$166,000.
Owthering Bros., two-sty addition, 637-641 Sixty-third St.; cost, \$1,800.
Asa Moss, four-sty addition, 672 Fullerton Ave.; cost, \$5,000.
D. B. Farascoe, one-sty addition, 20 South Canal St.; cost, \$3,000.
F. A. Hebard, two-sty addition, 330-332 Winchester Ave.; cost, \$6,000.
W. P. Smith, one-sty addition, 1256 West Adams St.; cost, \$1,400.

Cincinnati, O. — Walnut Hill's Congregational Church, one-sty addition to church, Beech and Locust Sts.; cost, \$8,000; architect, E. H. Ketcham.

APARTMENT-HOUSES.

Brooklyn, N. Y. — Union St., n s, 150' w Fifth Ave., 3 three-sty brick flats, tin roofs; cost, \$3,500 each; owner, E. A. Wooley, on premises; architect, Robert Dixon, 219 Montague St.
Tenth St., n s, 97' 10" w Eighth Ave., 5 three-sty brick flats, tin roofs; cost, \$7,000; owner, J. F. Ransom, 616 Tenth St.; architects, J. D. Reynolds & Son, 363 Fulton St.
Twentieth St., n s, 75' w Sixth Ave., 3 three-sty frame flats, tin roofs; cost, \$4,000 each; owner, David Atkin, 339 Fifteenth St.; architect, Robert Dixon, 219 Montague St.

Chicago, Ill. — Andrew Carlsen, two-sty flats, 619 Shober St.; cost, \$3,000.
William Schnaet, three-sty flats, 1248 Belmont Ave.; cost, \$2,800.
John G. Earle, three-sty flats, 3522 Stanton Ave.; cost, \$5,000.
C. T. Hitz, two-sty flats, 1227 Oakdale Ave.; cost, \$2,000.
Thomas J. Leonard, 3 three-sty flats, 648-652 West Polk St.; cost, \$12,000.
George Otto, three-sty flats, 897 Ogden Ave.; cost, \$5,500.
James Bloomfield, three-sty flats, 53 Florence St.; cost, \$4,500.
F. L. Schnadt, two-sty flats, 255 Baxter St.; cost, \$4,800.
William Ludwig, two-sty flats, 603 Fairfield Ave.; cost, \$4,000.
C. Birren, three-sty flats, 118 Mohawk St.; cost, \$7,000.
Frank Adler, four-sty flats, 345 Hamlin St.; cost, \$1,800.
J. W. Canning, 5 two-sty flats, 1176-1180 Washington Boulevard; cost, \$24,000.
P. Cook, two-sty flat, 411 Root St.; cost, \$1,500.
Jacob Berswets, two-sty flats, 2907 Parnell Ave.; cost, \$2,000.
John T. Smulski, 2 two-sty flats, 505 Noble St.; cost, \$9,000.
J. Kindulin, two-sty flat, 883 Central Park Ave.; cost, \$3,500.
W. F. Pfanders, two-sty flat, 929 Sawyer Ave.; cost, \$3,000.
Mrs. Carrie E. Wolf, two-sty flat, 121-214 Helme St.; cost, \$4,500.
H. Quetschke, three-sty flat, 124 Osgood St.; cost, \$4,000.
William Jansen, three-sty flat, 475 West North Ave.; cost, \$5,000.
George D. Barrett, three-sty flats, 5513 Englewood St.; cost, \$4,000.
John Jansen, three-sty flats, 4819 Langley Ave.; cost, \$5,000.
H. Olson, two-sty flats, 1457 Nelson Ave.; cost, \$4,000.
N. McNamara, 2 three-sty flats, 310-312 Twenty-ninth St.; cost, \$10,000.

BUILDING INTELLIGENCE.

M. J. Maler, two-sty flat, 231 Paulina St.; cost, \$4,200.
Nels Johnson, two-sty flats, 860 Norman Ave.; cost, \$1,600.
C. A. Korcanifge, two-sty flats, 1479 Fillmore St.; cost, \$3,100.
M. Kraatz, three-sty flats, 269 Twenty-sixth St.; cost, \$6,000.
T. E. Mullan, three-sty flats, 503 South Paulina St.; cost, \$6,000.
B. F. Ferguson, 2 two-sty flats, 3742-44 Wabash Ave.; cost, \$14,000.
L. Paulson, two-sty flats, 727 Seymour St.; cost, \$4,500.
Peter Wallin, 3 two-sty flats, 8210-14 Carlin St.; cost, \$3,000.
E. Milka, two-sty flats, 1317 West Twenty-first St.; cost, \$1,600.
Thomas Dolan, two-sty flats, 6618 State St.; cost, \$2,200.
John Karpowiz, two-sty flats, 8829 Muskegon Ave.; cost, \$1,800.
R. Starta, two-sty flats, 4801 Winter St.; cost, \$1,600.
J. J. Brooks, two-sty flat, 6907 Halsted St.; cost, \$1,800.
Larson Bros., 2 two-sty flats, 23-25 Temple St.; cost, \$10,000.
Martin Adler, two-sty flats, 1430 Park Ave.; cost, \$2,500.
A. E. Anderson, three-sty flats, 1434 Noble Ave.; cost, \$4,500.
Treblecock & Penhallagon, five-sty flats, Sixty-seventh St.; cost, \$10,000.
Treblecock & Penhallagon, two-sty flats, 602 Sixty-seventh St.; cost, \$2,000.
Treblecock & Penhallagon, two-sty flats, 7029 Winter St.; cost, \$2,000.
J. Smith, two-sty flats, 468 North Robey St.; cost, \$3,600.
William Frank, two-sty flats, 54 Werder St.; cost, \$3,200.
William Casey, two-sty flats, 8922 "The Strand"; cost, \$2,100.
William Gelle, two-sty flats, 457 North Wood St.; cost, \$3,200.
Louis Stubbe, two-sty flats, 364 Henry St.; cost, \$4,000.
R. J. Rundel, two-sty flats, Fortieth Pl., near Randolph St.; cost, \$1,500.
Howard Berwin, four-sty flats, 423-427 Clark St.; cost, \$60,000.
J. Cunningham, three-sty flats, 4010 Vincennes Ave.; cost, \$7,500.
Elizabeth Morgan, two-sty flats, Madison Ave. and Sixty-second St.; cost, \$2,700.
John Batterman, two-sty flats, 480 Ashland Ave.; cost, \$8,500.
Patrick Liston, two-sty flats, 2435 Dashiell St.; cost, \$2,700.
S. Sutter, three-sty flats, 182 Henry St.; cost, \$4,000.
J. T. Keenan, two-sty flats, 1892 Fulton St.; cost, \$6,000.
T. J. Lyons, three-sty flats, 113 South Lincoln St.; cost, \$7,000.
S. Piesaka, two-sty flats, Sixty-fifth and Edwards Sts.; cost, \$2,000.
H. J. Morgan, two-sty flats, Dearborn St., near Forty-eighth St.; cost, \$2,700.
Charles L. Danielson, three-sty flats, 5727 Atlantic St.; cost, \$2,200.
Sarah Maby, two-sty flats, Ross and Sixty-fifth Sts.; cost, \$2,500.
Kasper Paoloski, two-sty flats, 4536 Paulina St.; cost, \$1,700.
M. Ambrosen, two-sty flats, Addison Ave., near Seventy-first St.; cost, \$1,500.

BUILDING INTELLIGENCE.

James Rossettles, flats, 3331 Wallace St.; cost, \$3,500.
Thomas J. Shay, 2 four-sty flats, 426-430 Superior St.; cost, \$20,000.
W. Beck, three-sty flats, 254 Sedgewick St.; cost, \$2,000.
W. A. Dunshee, seven-sty flats, 271-273 Oakwood Ave.; cost, \$55,000.
Thies & Jington, two-sty flats, 358 Roscoe St.; cost, \$4,500.
E. Carlson, two-sty flats, Logan St., near Wallace St.; cost, \$1,500.
John Nelson, three-sty flats, 1644 Fletcher St.; cost, \$3,500.
A. Danis, two-sty flats, 947 Saugus Ave.; cost, \$3,500.
Cuno Wirths, two-sty flats, 105 Emerson Ave.; cost, \$5,300.
B. W. Lamburne, three-sty flats, 13 Ray Ave.; cost, \$7,500.
David Freir, three-sty flats, 3733 Wentworth Ave.; cost, \$3,300.
B. Olsen, two-sty flats, 499 North Colorado Ave.; cost, \$3,500.
L. P. Shaffer, 2 three-sty flats, 1047-49 North Clark St.; cost, \$15,000.
Dudek & Kezaczski, 2 two-sty flats, 4846-48 Throop St.; cost, \$4,200.
Gustave Almow, two-sty flats, Wright St., near Fifty-sixth St.; cost, \$3,800.
Otto Teusch, two-sty flats, Diversey Ave. and Henderson St.; cost, \$2,500.
O. C. Lundf, 2 two-sty flats, 853-857 Maplewood Ave.; cost, \$4,300.
Henry Novatney, two-sty flats, 11 South Prince St.; cost, \$2,200.
John C. Young, two-sty flats, 4113 Wabash Ave.; cost, \$4,000.
Henry Bengel, two-sty flats, 1765 Halsted St.; cost, \$2,400.
John J. Coyne, three-sty flats, 3650 South Hoyne Ave.; cost, \$3,200.
Edward Sampson, 5 two-sty flats, 1463-71 Congress St.; cost, \$4,000.
F. A. Schmidt, 3 two-sty flats, Logan St., near Winter St.; cost, \$4,500.
N. P. Nelson, two-sty flats, 638 Dania Ave.; cost, \$2,000.
John M. Kulms, two-sty flats, 4012 Indiana Ave.; cost, \$4,500.
Mrs. Mary Cook, two-sty flats, 1080 Seminary Ave.; cost, \$1,700.
John Rameck, two-sty flats, 860 North Oakley Ave.; cost, \$3,700.
Roswinski & Werschepski, two-sty flats, 4823-25 Throop St.; cost, \$3,600.
Anna Weselowski, two-sty flats, 4520 Evarts Ave.; cost, \$1,600.
John Colebach, 2 two-sty flats, 211-215 Artesian Ave.; cost, \$3,000.
John Schmuck, two-sty flats, 308 West Thirtieth St.; cost, \$3,200.
Bernard Mahon, 2 four-sty flats, 233-235 Twenty-second St.; cost, \$12,000.
John McFerlan, 2 three-sty flats, 361-363 Morgan St.; cost, \$9,000.
John Bentley, two-sty flats, 3248 Lowe Ave.; cost, \$2,500.

Cincinnati, O. — John Heeb, four-and-one-half-sty flats, Broadway; cost, \$8,000; architect, Adam Bast.
South Boston, Mass. — Broadway, No. 520, four-sty brick apartments, 53' x 89'; owner, W. C. Parker; builder, L. D. Robinson; architects, Rand & Taylor, Boston.

FACTORIES.

Boston, Mass. — Harrison Ave., Waltham St., Union Park St., Ward 17, six-sty brick factory, flat roof, 95.10' x 300'; owner, Emerson Piano Co.; builder, C. A. Dodge.
Chicago, Ill. — William Schumacher, three-sty factory, 754-756 Austin Ave.; cost, \$15,000.
Vanderpool & Co., two-sty foundry, 501-503 West Twenty-second St.; cost, \$1,500.
Spoor & Webb, six-sty factory, 109 South Jefferson St.; cost, \$30,000.
Philadelphia, Pa. — Tenth St., w s, n Colona St., five-sty factory; architects, Geissinger & Hale, 102 South Twelfth St.
Frankford Ave., e s, n Allegheny Ave., two-sty brick factory; owner, Elizabeth Jones, 3215 Frankford Ave.
Third St., w s, n Venango St., varnish factory; owners, Payne Varnish Co., 2551 Germantown Ave.
Bridge St., near Orchard St., factory; owner, P. C. Moorhouse, 266 Bridge St.
Ohio St., n s, e Twelfth St., four-sty brick factory; contractors, Robert Murray & Son, 338 Quince St.

HOTELS.

Danville, Va. — A hotel, to be known as "Hotel Burton," and to cost about \$100,000, will be built.

HOUSES.

Baltimore, Md. — Isaac H. Dixon, four-sty brick building, e s Park St., bet. Madison and Richmond Sts.
Charles O'Connell, 8 two-sty brick buildings, s s O'Donnell St., bet. Robinson St. and Eastern Ave.; 10 two-sty brick buildings, e s Canton St.; and 11 two-sty brick buildings, w s Robinson St., bet. Elliott and O'Donnell Sts.
J. W. Hoffacker, 10 two-sty brick buildings, n s Federal St., e w Dallas St.
G. W. Parks, 12 two-sty brick buildings, e s Pinckney St., bet. Cross and Stockholm Sts.
Thomas M. Atkinson, 4 two-sty brick buildings, e s Remington Ave., s e cor. Girard Ave.
Boston, Mass. — Everett Cl., near Raymond St., Ward 25, three-sty frame dwell., hip roof, 33' x 37'; owner, J. F. Reardon; builder, James Muldoon.

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Lauriat St., near Lauriat Ave., Ward 24, frame dwell., 24' x 40'; owner, Helen Tucker; builder, Chas. Cutter.

Bedford St., cor. Sagamore St., Ward 24, frame dwell., 27' x 42'; owner, C. M. Bugbee; builder, John Bass.

Laurel St., near Norfolk St., Ward 24, two-sty frame dwell., hip roof, 24' x 30'; owner and builder, W. H. Haddock.

Wordsworth St., near Bennington St., Ward 1, two-sty frame dwell., hip roof, 21' x 38'; owner, Henry Burnett; builder, E. N. Masters.

Rill St., No. 32, Ward 24, two-sty frame dwell., hip roof, 26' x 38'; owner, W. A. Spooner; builder, W. J. Jobling.

Washington St., cor. Burnett St., Ward 23, frame dwell., Ward 23, frame dwell., 31' x 51'; owner, J. H. Haines; builder, J. F. Harris.

Mt. Pleasant Ave., near Forest St., Ward 20, frame dwell., 21.10' x 50.10'; owner, H. J. Chase; builder, W. I. Mable.

Adams St., near Rosemont St., Ward 24, frame dwell., 34' x 36'; owner and builder, H. B. Rankin.

Walter St., near Mendum St., Ward 23, frame dwell., 20' x 34'; owner, A. J. McClellan; builder, Thomas Condon.

Lexington Ave., near Washington St., Ward 25, frame dwell., 26' x 36'; owner, Michael Monahan; builder, Patrick Hughes.

Medford St., No. 327, rear, Ward 4, three-sty frame dwell., flat roof, 20' x 29'; owner, Alfred S. Hill; builders, Donovan & Brock.

Aldie St., near Athol St., Ward 25, frame dwell., 22' x 36'; owners and builders, Mitchell & Sutherland.

Cohasset St., near Albany St., Ward 23, frame dwell., 23' x 31'; owners and builders, McLeod & Chappell.

Homestead St., near Harold St., Ward 21, two-sty frame dwell., hip roof, 35.6' x 36.6'; owner, Etta E. Hart; builder, J. B. Worcester.

Medford St., No. 377, Ward 4, three-sty frame dwell., flat roof, 20' x 28'; owner, Alfred S. Hill; builders, Donovan & Brock.

Medford St., No. 325, Ward 4, three-sty frame dwell., flat roof, 20' x 28'; owner, Alfred S. Hill; builders, Donovan & Brock.

Westminster St., near Walnut Ave., Ward 21, frame dwell., 30' x 46'; owner, Edward Seaver; builder, James Jackson.

Ruggles St., opp. Westminster St., Ward 19, three-sty frame dwell. and shop, flat roof, 27' x 76'; owner, House of the Angel Guardian; builder, W. S. Mitchell.

Silver St., No. 232, Ward 13, three-sty brick dwell. and store, flat roof, 23' x 50'; owner, Robert Provan; builder, W. T. Eaton.

West Walnut Park, near Washington St., Ward 23, three-sty frame dwell., flat roof, 23' x 41'; owners, Boston Real Estate Association; builder, M. McLaughlin.

Ashfield St., near Walter St., Ward 23, frame dwell., 30' x 36'; owner and builder, H. D. Van Norden.

Johnson St., near Jamaica St., Ward 23, three-sty frame dwell., pitch roof, 21' x 50'; owner, J. F. Babb; builder, Dawson Johnson.

Egleston St., No. 8, Ward 23, frame dwell., 24' x 45'; owner and builder, Peter Schneider.

Brooklyn, N. Y.—Lexington Ave., s. s. 50' w Throop Ave., four-sty brick dwell., tin roof; cost, \$8,000; owner, D. S. Beasley; 187 Van Buren St.; architect, John E. Dwyer, 1540 Broadway.

Lexington Ave., s. s. 71' w Throop Ave., four-sty brick dwell., tin roof; cost, \$8,000; owner, D. S. Beasley, 187 Van Buren St.; architect, John E. Dwyer, 1540 Broadway.

Livonia Ave., n. s. 50' w Watkins St., 3 two-sty frame dwell., tin roof; cost, \$1,500; owner, A. H. Wilson, Powell St.

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BUILDING INTELLIGENCE.

Macon St., s. s. 22' w Howard Ave., 4 two-sty brick dwell., tin roofs; cost, \$4,500 each; owner and architect, Clarence Lincoln, 988 Jefferson Ave.

Union St., n. s. 312' 6" e Sixth Ave., 2 four-sty brick dwell., tin roofs; total cost, \$11,000; owner, D. Buckley, 39 Stirling Pl.; architect, W. M. Coots, 26 Court St.

Thirty-fourth St., n. s. 106' e Third Ave., 4 three-sty frame dwell., gravel roofs; cost, \$4,500 each; owner and architect, J. F. Kentana, 716 Fourth Ave.

Thatford Ave., e. s. 150' s Belmont Ave., three-sty frame dwell., tin roof; cost, \$4,000; owner, Louis Ratner, Osborn St.

North Henry St., e. s. 103' 6" s Van Cott Ave., 12 two-sty frame dwell., tin roofs; cost, about \$1,300 each; owner and builder, Charles Engert, 182 Montrose Ave.; architect, F. J. Berlenbach, Jr., 260 Graham Ave.

Fifty-second St., s. s. 140' w Fourth Ave., 2 two-sty frame dwell., tin roofs; cost, \$2,500 each; owner, Alexander Davidson, Third Ave. and Forty-ninth St.; architect, Thomas Bennett, Third Ave. and Forty-ninth St.

Twenty-first St., n. s. 125' e Sixth Ave., 10 two-sty frame dwell., tin roofs; cost, \$2,000 each; owner, James K. Robb, 530 Sixteenth St.; architect, Wm. H. Wirth, 358 Seventeenth St.

Twentieth St., n. s. 69' e Sixth Ave., 2 three-sty frame dwell., tin roofs; cost, \$3,300 each; owners, Nelson & Peterson, 347 Twentieth St.; architect, W. H. Wirth, 358 Seventeenth St.

Nineteenth St., n. s. 247' e Fourth Ave., three-sty brick dwell., tin roof; cost, \$6,000; owner, George Juken, Nineteenth St., cor. Fourth Ave.; architect, Mr. Worth, Seventeenth St.

Jefferson Ave., n. w. cor. Marcy Ave., three-and-one-half-sty brick dwell., tin roof; cost, \$12,000; owner, John F. Gaddington, 265 Jefferson Ave.; architect, F. D. Vrooman, 265 Jefferson Ave.

Sixth St., n. s. 197' 10" w Fifth Ave., 5 three-sty brick dwell., tin roofs; cost, \$4,000 each; owners and architects, Allan Broe, 71 Fulton St.

Eighth St., n. s. 147' 10" w Sixth Ave., 11 two-sty brick dwell., tin roofs; total cost, \$30,000; owner, Wm. Brown, 380 Seventh Ave.; architect, W. M. Coots, 26 Court St.

Pennsylvania Ave., w. s. 150' s Glenmore Ave., 3 two-sty frame dwell., tin roofs; cost, \$3,000; owner, C. F. Maguire, 156 Liberty St.; architect, J. H. Maguire, 156 Liberty St.

Oxford St., e. s. 20' n Lafayette Ave., five-sty brick dwell., tin roof; cost, \$40,000; owner, M. Hub-

BUILDING INTELLIGENCE.

bard, South Oxford St. and Lafayette Ave.; architect, Montrose W. Morris, 45-47 Exchange Pl.

Douglass St., n. s. 40' w Franklin Ave., 5 four-sty brick dwell., tin roofs; cost, \$7,000 each; owner, Thomas H. Robbins, Keyport, N. J.; architect, Henry Vollweiler, 486 Hart St.

Macon St., n. s. 200' e Patchen Ave., 5 two-sty brick dwell., tin roofs; cost, \$4,000 each; owner, James Miller, Westchester County, N. Y.

South Fourth St., n. s. 275' e Keap St., four-sty brick dwell., tin roof; cost, \$9,000; owner, Hugh Febling, 252 Hayward St.; architect, Th. Engelhardt, 905 Broadway.

Montrose Ave., n. s. 155' e Bushwick Ave., 3 four-sty frame dwell., tin roofs; cost, \$18,000; owners, Maurer & Hellmann, 291 Stagg St.; architect, Th. Engelhardt, 905 Broadway.

Fifth Ave., e. s. 25' w Fourteenth St., four-sty brick store and dwell., tin roof; cost, \$10,000; owner, W. Schink, 232 Thirtieth St.; architect, George M. Miller, 406 Fifth Ave.

Fifth Ave., s. e. cor. Thirty-eighth St., three-sty brick store and dwell., tin roof; cost, \$8,000; owner, R. Whaler, Fortieth St. and Fifth Ave.; architect, J. R. Schoonover, 200A Forty-eighth St.

Driggs St., e. s. 25' s North Fourth St., three-sty brick dwell., tin roof; cost, \$5,000; owner, Mrs. K. Vollweiler, 155 Driggs St.; architect, Henry Vollweiler, 486 Hart St.

Milford St., e. s. 550' n Liberty Ave., 3 two-sty frame dwell., tin roofs; cost, \$1,500 each; owner, Hubert W. Stoothoff, 2335 Atlantic Ave.; architects, Denmar & Fischer, 2921 Atlantic Ave.

Bleeker St., n. s. 280' e Evergreen Ave., three-sty frame dwell., tin roof; cost, \$4,900; owner, E. Ingold, 177 Hopkins St.; architect, E. Schrempf, 36 Monteth St.

North Ninth St., n. s. 75' w Berry St., four-sty frame dwell., tin roof; cost, \$6,000; owner, M. L. Stanton, North Eighth and Berry Sts.; architect, A. Hubert, 145 Broadway.

Seventh St., n. s. 78' w Sixth Ave., four-sty brick dwell., tin roof; cost, \$7,000; owner, Miss E. E. Butler, 376 Sixth Ave.; architect, Charles Butler, 396 Fifth St.

Fifth St., e. s. 78' w Sixth Ave., four-sty brick dwell., tin roof; cost, \$7,000; owner, Miss E. E. Butler, 376 Sixth Ave.; architect, Charles Butler, 396 Fifth St.

Quincy St., s. s. 60' w Patchen Ave., 2 two-and-one-half-sty brick dwell., tin roofs; cost, \$8,000; owner, John McQuaid, 257 Humboldt St.; architect, Th. Engelhardt, 905 Broadway.

Carroll St., s s, 217' w Sixth Ave., four-st'y brick dwell., tin roof; cost, \$6,000; owner, Annie M. Murtagh, 638 Dean St.; architects, J. D. Reynolds & Son, Fulton St.

Thirty-third St., s s, 200' e Third Ave., 5 three-st'y frame dwell., tin roofs; cost, \$4,000 each; owner, John Stabler, 142 Twenty-first St.; architect, Henry Vollweiler, 486 Hart St.

Dupont St., s s, 225' w Oakland St., four-st'y frame dwell., cement and gravel roof; cost, \$5,200; owner and architect, Wm. H. Fenwick, 534 Leonard St.

Leonard St., w s, 100' s Johnson Ave., four-st'y frame dwell., tin roof; cost, \$5,600; owner, Mrs. L. Pfug, 156 Keap St.; architect, H. Vollweiler, 486 Hart St.

Alabama Ave., e s, 100' s Liberty Ave., 2 three-st'y frame dwell., tin roofs; cost, \$3,000 each; owners, John Ahi & Co., 175 East Third St., New York City; architect, A. J. Warren, 2583 Atlantic Ave.

Quincy St., n s, 79' w Lewis Ave., three-st'y brick dwell., tin roof; cost, \$5,500; owner, Thomas Rice, 220 Lewis Ave.; architect, S. Harbison, 2 Arlington Pl.

Palmetto St., n s, 225' e Knickerbocker Ave., three-st'y frame dwell., tin roof; cost, \$4,500; owner, C. Reichert, 243 Troutman St.; architect, Benj. Finkensleper, 93 Broadway.

Rose St., n s, 200' w Marcy Ave., four-st'y brick dwell., tin roof; cost, \$8,500; owner, J. Dittman, 229 South Ninth St.; architect, H. W. Billard, 99 Broadway.

Harman St., n s, 300' e Central Ave., 2 three-st'y frame dwell., tin roofs; cost, \$3,500 each; owners, Lehman Bros., 13 Sumner Ave.; architect, Henry Loeffler, 788 Myrtle Ave.

Stockton St., s s, 300' w Sumner Ave., three-st'y frame dwell., tin roof; cost, \$5,000; owner, J. Marsland, 1903 Broadway; architect, Thomas Koch, 441 Hancock St.

Van Voorhis St., n s, 200' w Evergreen Ave., 4 two-st'y frame dwell., tin roofs; cost, \$3,500; owner, Mary N. McLaren, 102 Hart St.; architect, Edwin J. Bedell, 541 Halsey St.

Macon St., n s, 198' w Patchen Ave., 4 two-st'y brick dwell., tin roofs; cost, \$6,000 each; owner, Mary A. Burrows, 622 Greene Ave.; architects, J. D. Reynolds & Son, 363 Fulton St.

Nineteenth St., s s, 100' w Third Ave., 2 three-st'y frame dwell., tin roofs; cost, \$3,800 each; owner, Marx Hofeldt, Third Ave. and Twentieth St.; architect, J. P. Quisenberry, 1168 Fourth Ave.

Chicago, Ill. — George O. Gordon, 4 two-st'y dwell., 4226-32 Langley Ave.; cost, \$12,000.

C. C. Landt & Co., three-st'y dwell., 4332 Drexel Boulevard; cost, \$10,000.

T. I. Baker, two-st'y dwell., 1089 Victor St.; cost, \$2,400.

August Haglund, cottage, 224 Humboldt Boulevard; cost, \$1,000.

W. H. Moore, two-st'y dwell., 4417 Champlain Ave.; cost, \$3,100.

Olson & Olson, two cottages, 667-669 Maplewood Ave.; cost, \$2,800.

F. B. Pfeiffer, two-st'y dwell., 422 Sixtieth St.; cost, \$7,500.

William Seigley, cottage, 3600 Champlain Ave.; cost, \$1,900.

W. C. Goudy, three-st'y dwell., 238 Goethe St.; cost, \$50,000.

S. H. Harris, two-st'y dwell., 1483 West Monroe St.; cost, \$7,000.

David Quigg, two-st'y dwell., 5037 Madison Ave.; cost, \$7,500.

D. C. Tibbits, two-st'y dwell., 7436 Stewart Ave.; cost, \$3,000.

Mrs. Mary A. Carson, two-st'y dwell., 6353 Harvard St.; cost, \$6,500.

John P. Phillips, two-st'y dwell., 5840 Prairie Ave.; cost, \$3,500.

John Walker, two-st'y dwell., Ellen Ave., near Milwaukee Ave.; cost, \$1,500.

C. Schrieber, two-st'y dwell., Forty-seventh and Winter Sts.; cost, \$2,000.

H. Delany, two-st'y dwell., Carpenter St., near Eighty-fifth St.; cost, \$2,000.

J. H. Long, two-st'y dwell., 7748 Sangamon St.; cost, \$3,000.

Charles I. Messinger, 5 two-st'y dwell., 147-155 Evanston Ave.; cost, \$20,000.

Fred B. Graves, two-st'y dwell., Ellen Ave., near Milwaukee Ave.; cost, \$1,500.

A. Ackland, two-st'y dwell., Eightieth Ct. and Commercial Ave.; cost, \$1,400.

Mrs. M. E. Chapin, cottage, Ninety-fifth St. and Langley Ave.; cost, \$1,800.

A. A. De Cret, cottage, Ninety-fourth St. and Stoney Island Ave.; cost, \$1,000.

John Suttler, cottage, 961 James St.; cost, \$1,200.

William Schultz, cottage, 702 North California Ave.; cost, \$1,100.

John Connaughton, cottage, 1574 Park Ave.; cost, \$1,000.

George Prius, five cottages; cost, \$4,000.

Sydney Walker, 2 two-st'y dwell., 12-14 Throop St.; cost, \$9,000.

W. H. Moore, three-st'y dwell., 4119 Grand Boulevard; cost, \$20,000.

C. E. Jokisch, two-st'y dwell., Avenue K, near One Hundred and Third St.; cost, \$2,500.

Cincinnati, O. — A. S. Lowenburg, two-and-one-half st'y dwell., Park Ave.; cost, \$8,500; architect, W. W. Franklin.

Casper Webert, two-and-one-half-st'y dwell., Kirby Road; cost, \$3,000; architect, Jacob Kukertz.

Henry Knorr, two-and-one-half-st'y dwell., Hunt St.; cost, \$5,000; architects, Belg & Marty.

J. D. Samekon, two-and-one-half-st'y dwell., Park Ave.; cost, \$3,500; architect, H. E. Siler.

C. Wall, two-and-one-half-st'y dwell., Carson St.; cost, \$2,500; architects, Belg & Marty.

Boffinger & Hopkins, two-st'y dwell., McGregor Ave.; cost, \$4,500; architect, William E. Nickels.

John W. Siebel, two-and-one-half-st'y double frame dwell., Durrell St.; cost, \$6,000; architects, Des Jarden & Hayward.

Louis Wight, two-and-one-half-st'y double dwell., Windsor St.; cost, \$3,000; architect, M. Miller.

Henry Sufke, two-and-one-half-st'y double dwell., Warsaw Pike; cost, \$4,000; architects, G. & A. Brink.

Charles Meyer, 4 two-st'y frame dwell., Cohoon St.; cost, \$5,000; architect, Charles Meyer.

Charles Meyer, 2 two-st'y dwell., Wold St.; cost, \$3,000; architect, John Schmitz.

H. A. Rooster, two-and-one-half-st'y dwell., Elm St.; cost, \$3,500; architect, E. W. Spinning.

Mrs. C. A. Brownwell, 2 two-and-one-half-st'y dwell., Kemper Lane; cost, \$3,000; architect, John H. Bohl.

M. Goldsmith, 3 two-and-one-half-st'y dwell., Mound St.; cost, \$8,000; architect, G. & A. Brink.

Harry Rowe, two-st'y dwell., Turrill Ave.; cost, \$2,500; architect, James Casey.

J. C. Davis, two-and-one-half-st'y dwell., Fairfield Ave.; cost, \$10,000; architect, Mr. R. Nash.

A. E. Fox, two-and-one-half-st'y dwell., Richmond St.; cost, \$4,000; architect, S. W. Kittining.

E. M. Costell, two-st'y dwell., Kenton St.; cost, \$6,000; architect, W. W. Franklin.

Mrs. A. Wehmeir, two-and-one-half-st'y dwell., Sixth St.; cost, \$3,000; architect, C. M. Burroughs.

Peter Regan, two-and-one-half-st'y dwell., Neave St.; cost, \$2,900; architects, G. & A. Brink.

New Britain, Conn. — Brick dwell., 40' x 50'; owner, A. N. Lewis; contract to let; architects, Rand & Taylor, Boston.

New York, N. Y. — Ninety-sixth St., n e cor. Fifth Ave., two-st'y brick dwell., tin roof; cost, \$7,500; owner, Charles H. Maguire, 176 East One Hundred and Eleventh St.; architect, Andrew Spence, 163 East One Hundred and Twenty-fifth St.

Philadelphia, Pa. — Church St., w s, bet. William and School Sts., 2 two-st'y dwell.; builder, Amos W. Linn, 4767 Garden St.

Darien St., w s, n Somerset St., 35 two-st'y dwell.; owner and builder, John M. Sharp, 1936 South College Ave.

Keystone St., e s, n Princeton St., 2 three-st'y dwell.; builders, Koller & Bro., 2737 Ash St.

Keystone St., n e cor. Vincent St., three-st'y dwell.; builders, Koller & Bro., 2737 Ash St.

Monmouth St., No. 1737, two-st'y brick dwell.; contractor, J. R. Wiggins, 1536 Saybrook St.

Tasker St., n s, w Twenty-first St., 18 two-st'y dwell.; owner, S. A. Fleming, 1614 South Eighteenth St.

Dickinson St., No. 803, three-st'y dwell.; contractor, H. A. Prettyman, 1942 Reed St.

Tasker St., s s, w Twenty-first St., 16 two-st'y dwell.; contractor, William McCarter, 1400 South Twenty-second St.

Legal St., n s, w Nineteenth St., 7 two-st'y dwell.; contractor, James A. Fitzgerald, 33 South Tenth St.

Mather St., e s, n Tioga St., 3 two-st'y dwell.; contractor, William H. Rookstool, 1713 Diamond Ave.

Riverview St., n s, e Delaware Ave., two-st'y dwell.; contractor, George W. Tetter, Holmesburg.

Main St., No. 4553, two-st'y brick dwell.; contractor, Samuel C. Eckert, 517 Bridge St.

Ninth St., s e cor. Cambria St., two-st'y brick dwell.; owner, John M. Sharp, 1936 South College Ave.

Ninth St., e s, n Somerset St., 10 two-st'y dwell.; owner, John M. Sharp, 1936 South College Ave.

Ninth St., e s, n Somerset St., 22 two-st'y dwell. and two-st'y brick dwell.; owner, John M. Sharp, 1936 South College Ave.

C St., n e Cambria St., two-st'y dwell.; contractors, Dickinson Bros., 2021 Fourth St.

Kip St., e Cambria St., 3 two-st'y dwell.; contractor, Thomas McFarland, 1526 South Nineteenth St.

Cambria St., n Kip St., 5 two-st'y dwell.; contractor, Thomas McFarland, 1526 South Nineteenth St.

Hope St., e s, n Tioga St., 2 two-st'y dwell.; owners, Froese & Rulying, n e cor. Fifth and Leigh Sts.

Nineteenth St., e s, n Morris St., two-st'y dwell.; contractor, James Donaldson, 1237 South Twenty-ninth St.

Bryn Mawr Ave., s s, e City Ave., two-st'y dwell.; owner, William Sniedly, 754 North Fortieth St.

Boyer St., w s, s Mt. Airy Ave., three-st'y dwell.; contractor, William L. Atkinson, 2214 Wallace St.

Camac St., e s, s Rockland Ave., three-st'y dwell.; owner, John Felix, Camac St., s Rockland Ave.

Thirty-third St., w Abington Ave., three-st'y dwell.; contractor, W. C. Mackie, Chestnut Ave., Chestnut Hill.

Sixteenth St., e s, n York St., 3 two-st'y dwell.; owner, Charles Roth, 468 West Huntington Ave.

Stiles St., n s, s Sixteenth St., three-st'y dwell.; contractor, Joseph J. Gallahue, 1720 Tacony St.

Warnock St., w s, s Oxford St., three-st'y dwell.; contractor, A. G. Schultz, 2633 Germantown Ave.

Vine St., n s, e Fifth St., two-st'y brick dwell.; contractor, J. K. Furman, 1139 Fairmount Ave.

Main St., w s, w Hartell St., two-st'y dwell.; owner, George K. Hoff, Russett.

Second St., n s, n Susquehanna Ave., 7 two and three-st'y brick dwell., contractor, D. C. Schuler.

Pearl St., No. 1020, three-st'y dwell.; builders, James Mullin & Bro., 537 Chatham St.

Ninth St., n Jefferson St., 7 two-st'y brick dwell.; builder, Robert Kaighn, 3711 Chestnut St.

Forty-eighth St. and Gray's Ferry Ave., 4 two-st'y brick dwell.; contractor, Isaac Wood, Forty-eighth St. and Woodland Ave.

Chelton Ave., s s, w Chew St., three-st'y stone dwell.; contractor, Charles J. Johnson, Chelton Ave. and Chew St.

Elinor St., s s, w Second St., 2 three-st'y dwell.; builder, Louis B. Bitters, 2918 Poplar St.

Germantown Ave., w s, n Abington Ave., 4 three-st'y brick dwell.; contractor, D. B. Kraft, Ashbourne, Pa.

Jannette St., n Manayunk Ave., three-st'y dwell.; contractor, F. S. Sheldrake, City Line and Forty-eighth St.

Allen's Lane, cor. Green St., three-st'y brick dwell.; contractor, H. H. Buzby, 5253 Main St.

Thirty-first St., cor. Willow Grove Ave., 2 three-st'y brick dwell.; contractor, Wm. C. Mackie, Chestnut Hill, Pa.

Brown St., s s, w Thirty-eighth St., 12 three-st'y brick dwell.; builder, Charles Bateson, 4641 Lancaster Ave.

Girard Ave., e Sixty-first St., two-st'y brick dwell.; contractor, Robert J. Block, Race and Sixty-third Sts.

Cedar St., n High St., 3 two-st'y brick dwell.; owner, Thomas J. Carman, 133 Kittenhouse St.

Clearview Ave., s s, e Washington Ave., 26 three-st'y dwell.; owner, Wm. J. Bell, 2447 East Cumberland St.

Shawmount St., e Reading R. R., two-st'y dwell.; owner, George Faustman, 1020 Chestnut St.

Truxton St., No. 3210, three-st'y dwell.; owner, Jno. Hunter, 1302 South St.

Emma St., e Abigail St., 3 two-st'y brick dwell.; Mercy St., w Twelfth St., two-st'y dwell.; contractor, C. B. Prettyman, 1252 South Twentieth St.

Emeline St., e s, s Abigail St., 3 two-st'y dwell.; builder, John McNutt, 2520 Sepviva St.

(Continued on page xx.)

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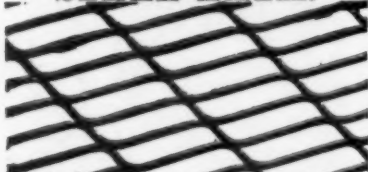
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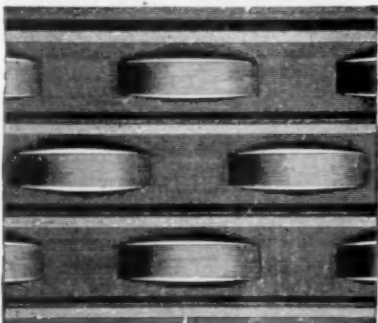


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St. Ann's Ave., e s, n Tucker St., two-st'y brick
dwelling; owner, John Collins, 2638 Memphis St.
Anthracite St., w Edgemont St., two-st'y brick
dwelling; contractor, George Aberholtzer, 2646 Edge-
mont St.
Ann St., n s, e Almond St., two-st'y brick dwelling;
owner, Patrick Byrne, 2416 North Ninth St.
Marshall St., e s, n Cambria St., 2 two-st'y brick
dwells; owner, Samuel Morrison, 3551 North Fifth
St.
Indiana Ave., n s, e Marshall St., 3 two-st'y brick
dwells; owner, John Skelly, 624 Erie Ave.
Eighth St., e s, n Cambria St., 10 two-st'y brick
dwells; owner, M. L. Heist, 816 West Lehigh Ave.
Sixty-first St., n Vine St., 5 two-st'y brick dwells;
owner, John Maginnis, 3817 Baring St.
Ruscombe St., s w cor. Newbold St., two-st'y
dwelling; contractor, John Prestly, 1803 Juniata St.
Bermuda St., n s, e Orthodox St., 2 two-st'y
dwells; contractor, William Marshall, 1520 South
Twentieth St.
Boyer and Duane Sts., 2 three-st'y dwells; con-
tractors, Lamb & Wilson, West Mt. Airy Ave.
Wisteria Ave., e Miller St., 8 two-st'y dwells.
Ann St., n s, e Almond St., two-st'y brick dwelling;
builder, Patrick Boyce, 2327 William St.
Salmon St., e s, n Orthodox St., two-st'y brick
dwelling; owner, A. R. Crosta, 4536 Salmon St.
Prune St., w s, n Race St., 4 two-st'y brick dwells.
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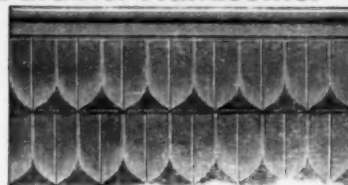
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Moore St., s s, w Nineteenth St., 12 two-st'y
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Bermuda St., n s, e Orthodox St., 2 two-st'y
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St.
Summit St., s s, e Bethlehem Pike, two-st'y stable;
builder, Wm. C. Mackie, Chestnut Hill, Pa.
Shawmut Ave., e Reading R. R., stable; owner,
George Faustman, 1620 Chestnut St.
Warnock St., No. 1802, two-st'y brick stable;
builder, Wm. C. Doubman, 820 Diamond St.
Downton St., n s, e Germantown Ave., two-st'y
brick stable; builder, Benj. Walker, 3953 German-
town Ave.
Diamond St., s s, w Twenty-ninth St., two-st'y
brick stable; builder, A. C. Diemer, 2213 North
Thirteenth St.
Twenty-second St., n e cor. Carpenter St., two-st'y
stable and kitchen; builder, Edward C. Gilliam, 102
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Pa.North Seventeenth St., No. 2019, brick store;
builder, George C. Dietrich, 1930 Berks St.Sixty-first St., e s, n Vine St., two-st'y store and
dwell.; owner, John Maginnis, 3817 Baring St.Ruscombe St., s w cor. Newbold St., two-st'y brick
store and dwell.; builder, John Priestly, 1803
Junata St.Mapa St., w s, s Gray's Ferry Ave., three-st'y
store and dwell.; owner, Joseph Burghart, 1208
Mapa St.Swanson St., w s, s Norfolk St., two-st'y store
and dwell.; owner, John Burcher, 216 Reed St.North Front St., No. 2446, three-st'y brick store
and dwell.; builder, George L. Harvey, 512 Girard
Building.

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Brooklyn, N. Y.—Flushing Ave., n s, 50' w Lee
Ave., 3 four-st'y frame show-rooms, tin roofs; cost,
\$2,000 each; owner, George Millman, 338 Marcy
Ave.; architects, D. Acker & Son, 752 Broadway.
Flatbush Ave., s s, 115' w Livingston St., four-st'y
double brick building, felt and gravel roof; cost,
\$15,000; owner, Jesse C. Woodhull, 198 Berkley Pl.;
architect, C. B. Fish.

BUILDING INTELLIGENCE.

Philadelphia, Pa.—Hancock St., s e cor. Berks St.,
store-building; builder, George Doring, 2040 Han-
cock St.Eighth St., e s, cor. Germantown Ave., two-st'y
shop; builder, Jno. Weill, 2324 North Ninth St.
Germantown Ave., w s, n Huntingdon St., storage-
house; builder, H. G. Schultz, 2633 Germantown
Ave.Baltimore Ave. and Sixty-first St., storehouse;
owner, George Callaghan, Angora.Chestnut St., No. 3049, brick smith-shop; owner,
M. E. Donahue, 3049 Chestnut St.Victoria St., s s, s Snyder Ave., two-st'y carpen-
ter-shop.Providence, R. I.—North Main St., cor. Corn St.,
brick and stone fire station; cost, \$15,000; owner,
City of Providence; builder, H. L. Bassett.

PROPOSALS.

THIRTEENTH REGIMENT ARMORY.
[At Brooklyn, N. Y.]THIRTEENTH REGIMENT ARMORY COMMISSION,
MAYOR'S OFFICE, CITY-HALL,
BROOKLYN, N. Y., December 10, 1890.

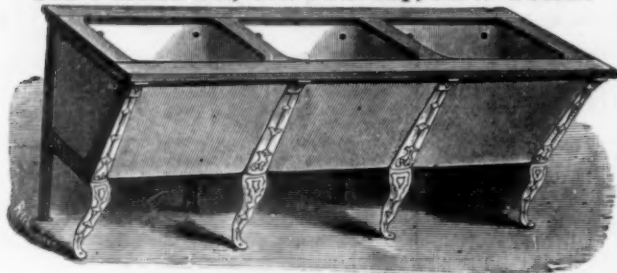
NOTICE TO CONTRACTORS.

Sealed proposals will be received at this office until
the 14th day of January, 1891, at 12 o'clock M.,
for each of the following purposes:**FIRST:** For the amount of the cost of the construction
of the whole Armory, including mason-work and
works, carpenter-work and works, iron-work and
works, steam-heating work and works, plumbing-work
and works, contained in the respective specifications.
Amount of deposit, 5 per cent on estimated cost.
Amount of surety, 30 per cent on estimated cost.**SECOND:** For the**MASON-WORK AND WORKS** contained in the

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PROPOSALS.

time of becoming such surety, that if the contract be awarded to the party or parties proposing, they will become bound as his or their surety for its faithful performance; and, in case he or they shall neglect or refuse to execute the contract, if so awarded them, that they will pay to the Commission the difference between the price so proposed and the price at which the contract may be made with any other person or persons. Proposals to be endorsed "To the Thirtieth Regiment Armory Commission" (specifying work). The said proposals will be publicly opened and announced on the 14th day of January, 1891, at the hour of 12 o'clock m., provided that the Commission, or a majority of the Commission, be present. In case of the absence of the members of the Commission, then on the first day thereafter when they may be convened.

The Commission reserves the right to reject any or all bids for the construction of said work, if they deem it for the best interests of the County so to do.

ALFRED C. CHAPIN,

Mayor.

GEORGE V. BROWER,

President of Department of Parks.

HENRY H. ADAMS,

County Treasurer.

WM. J. KAISER,

County Clerk.

DAVID E. AUSTEN,

Col. 13th Regt., N. G.

Attest:

DANIEL B. PHILLIPS, Secretary.

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December 17, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 15th day of January, 1891, for all the labor and materials required for the plumbing, gas-piping, etc., for the United States Court-house, Post-office, etc., building at Denver, Col., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Denver, Col. Each bid must be accompanied by a certified check for \$200. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Plumbing, Gas-piping, etc., for the United States Court-house, Post-office, etc., at Denver, Col.," and addressed to JAS. H. WINDRIM, Supervising Architect.

December 17, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 15th day of January, 1891, for all the labor and materials required to put in place complete the cast-iron columns in basement, the stands for the first-story columns, and the iron beams, girders, etc., for the first floor of the United States Post-office, Court-house, etc., building at Troy, N. Y., in accordance with the drawing and specification, copies of which may be had on application at this office or the office of the Superintendent at Troy, N. Y. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time herein stated for opening the

PROPOSALS.

same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for Iron Columns in Basement, First Floor Iron Beams, Girders, etc., for the United States Post-office, Court-house, etc., at Troy, N. Y.," and addressed to JAS. H. WINDRIM, Supervising Architect.

December 11, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 7th day of January, 1891, for the iron beams, etc., for first floor, basement columns, etc., for the United States Post-office, etc., building at Scranton, Pa., in accordance with drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Scranton, Pa. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for Iron Beams, etc., for the First Floor and Basement Columns, etc., for the United States Post-office, etc., building at Scranton, Pa.," and addressed to JAS. H. WINDRIM, Supervising Architect.

December 9, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 6th day of January, 1891, for all the labor and materials required, and fixing in place complete, all the iron furring, lathing and plastering, ceiling-light, etc., required for the United States Court-house, Post-office, etc., building at Denver, Col., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Denver, Col. Each bid must be accompanied by a certified check for \$200. The Department will reject all bids received after the time herein stated for opening the same; also, all bids which do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Iron Furring, Lathing, Plastering, etc., for the United States Court-house, Post-office, etc., building at Denver, Col.," and addressed to JAS. H. WINDRIM, Supervising Architect.

United States Engineer Office, 34 West Congress Street, Detroit, Mich., November 28, 1890. Sealed proposals, in triplicate, for furnishing all materials and labor, and building the masonry of a lock at St. Mary's Falls Canal, Mich., will be received at this office until 2 o'clock P. M., January 27, 1891, and then publicly opened. Preference will be given to materials of domestic production or manufacture, conditions of quality and price (import duties included) being equal. Attention is invited to Acts of Congress approved February 26, 1885, and February 23, 1887, Vol. 23, page 832, and Vol. 24, page 414, Statutes at Large. The Government reserves the right to reject any or all proposals; also to award the contract upon other considerations than the price. For further information apply at this office or to the United States Engineer Office, Sault Ste. Marie, Mich. O. M. POE, Colonel Corps of Engineers, Bvt. Brig. Gen., U. S. A.

785

COL. GEORGE E. WAR-
ING, JR., C. E. etc., in his recent work on Sewerage and Land Drainage, in speaking of traps liable to siphonage, says: "the best remedy would be to supply the defective traps at their summits with McClellan's Mercury Seal-Trap Vent, a perfectly safe device, of little cost, simple and easy of application, and sure to supply air when needed."

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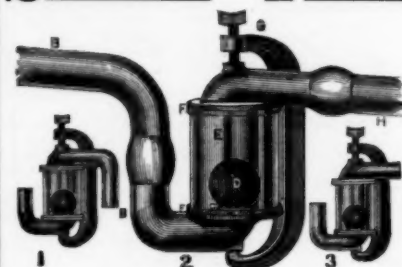
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The American Architect and Building News

— FOR 1891. —

During the coming year the publication of the following Serial Papers will be continued, and in some cases completed: "SAFE BUILDING," by Mr. Berg; "ANCIENT ARCHITECTURE FOR STUDENTS," by Mr. Gambier-Bousfield; "ARCHITECTURAL SHADES AND SHADOWS," by Prof. Hamlin; and the papers on "EQUESTRIAN MONUMENTS." All of these papers are fully illustrated, and their character well understood.

We have also been given to understand that it will be possible to resume publication of the following interrupted serial papers: "ARCHITECT, BUILDER AND CLIENT BEFORE THE LAW," by Mr. T. M. Clark, and "OLD COLONIAL WORK IN VIRGINIA," by Mr. A. B. Bibb, with illustrations.

NEW MATTER WILL BE REPRESENTED BY THE FOLLOWING SERIAL PAPERS:

"The Life and Works of Emanuel Fremiet, Sculptor."

By TRUMAN H. BARTLETT, Sculptor.

Mr. Bartlett has enjoyed the friendship of his subject for many years, and while he judges with discretion, infuses into his criticism the warmth of friendship. An unusual number of illustrations will add interest to these papers, many of them showing work which is quite unknown even to those well informed as to modern sculpture.

"American Construction through English Eyes."

Under this heading will be published the observations on our methods of building made by Mr. A. Arthur Cox, holder of the Godwin Bursary, who has travelled widely in this country, and has taken copious notes with pen and pencil of whatever seemed merely curious, or valuable and unknown to English architects.

"Construction."

The most useful article in Viollet-le-Duc's "*Dictionnaire Raisonné de l'Architecture*" is the long and elaborately illustrated article "Construction." A translation of this valuable fragment by Mr. George Martin Huss, will be published with all the illustrating diagrams and cuts.

"Comparative Municipal Building Laws."

A Digest of the Building Laws, in use at present in the following cities, in tabular form, compared, collated and arranged for easy reference, by Mr. Henry A. Phillips, will form a *vade mecum* for Architects who often have to carry on building operations under many different regulations at the same time:

Baltimore, Md.	Cleveland, O.	Louisville, Ky.	Newark, N. J.	Pittsburgh, Pa.
Boston, Mass.	Denver, Col.	Memphis, Tenn.	New Orleans, La.	Providence, R. I.
Brooklyn, N. Y.	Dis. of Columbia.	Milwaukee, Wis.	New York, N. Y.	San Francisco, Cal.
Charleston, S. C.	Detroit, Mich.	Minneapolis, Minn.	Omaha, Neb.	St. Louis, Mo.
Chicago, Ill.	Kansas City, Mo.	Nashville, Tenn.	Philadelphia, Pa.	Wilmington, Del.
Cincinnati, O.				

"Another Architectural Knockabout."

By MR. F. L. V. HOPPIN.

With its many architectural and some humorous illustrations, may be counted upon to enliven, with its chatty description of student travel in Spain and Africa, the sobriety of ordinary professional discussion.

The Illustrations

Will in quantity and variety be the same as during the past year, while the quality will, so far as it rests with us, continue to improve.

Subscriptions.

New direct Subscribers to the International Edition will receive free the December copies for this year—until our present small surplus is exhausted. The moral of this is, simply, that those who subscribe early will have an advantage over those who delay.

International Edition, in advance,	-	-	-	-	\$25.00
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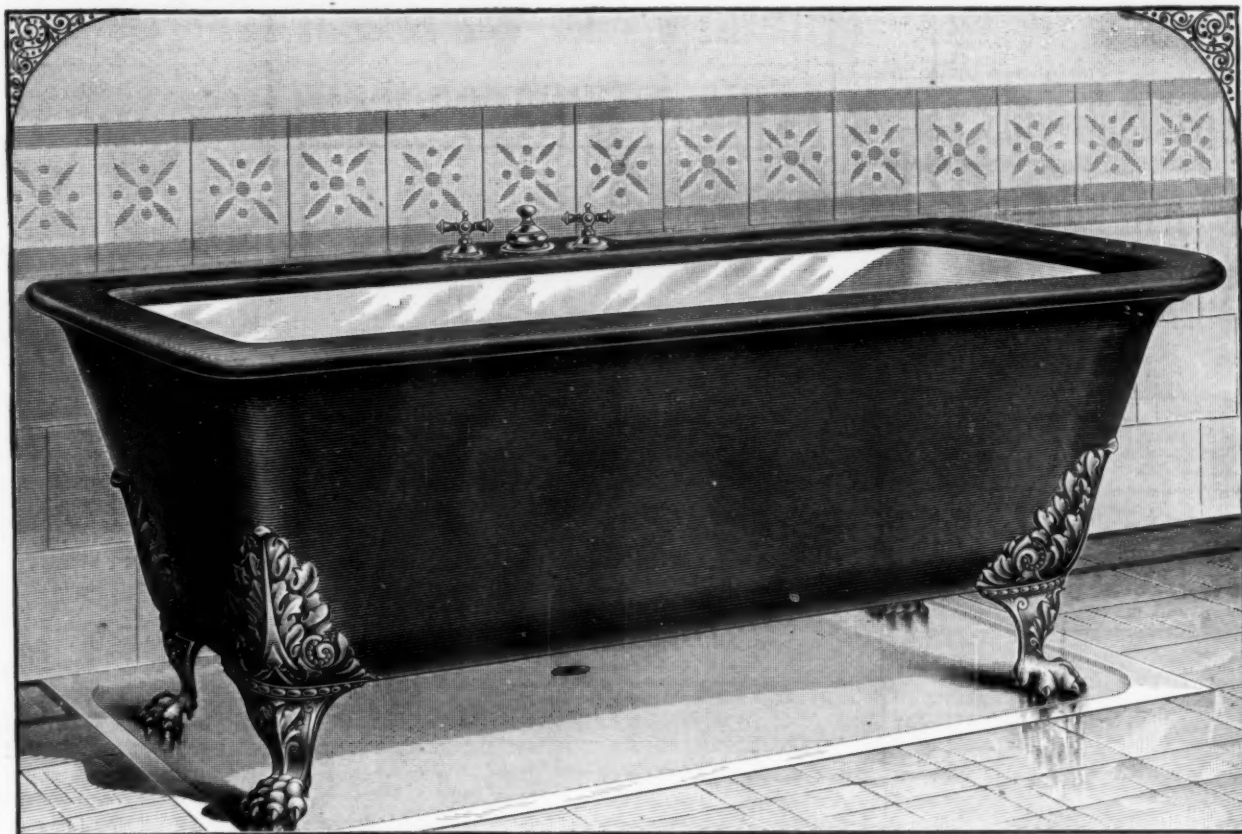
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The J. L. MOTT Iron Works.

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Copyright, 1888, by The J. L. MOTT IRON WORKS.—Plate 29-G.

Porcelain-lined Roman Bath, with Supply Fittings and "Unique" Waste, and Bronzed Iron, Polished or Nickel-plated Cast Brass Legs and Hardware or Cast Brass Rim. The Roman Bath is the outcome of the growing desire to have plumbing appliances set up without any, or at least very little, cabinet work; for this purpose the Roman Bath is well adapted, as it renders unnecessary the exposure of the pipes and fittings and is very artistic and symmetrical. The fittings, being at the back of the tub, can be easily reached by the bather.

[See Alphabetical Index on page VII for Pagination.]

Classified Advertisements.

[Advertisers can be indexed only under a single head free of charge.]

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| <p>Aluminum.
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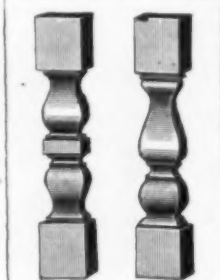
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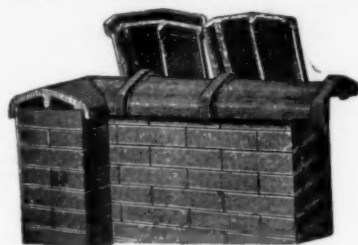
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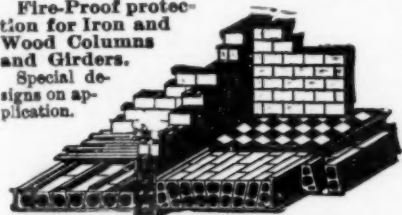
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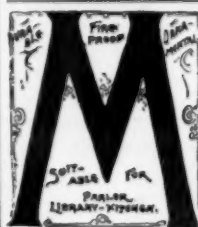
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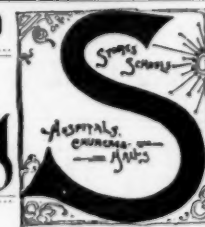
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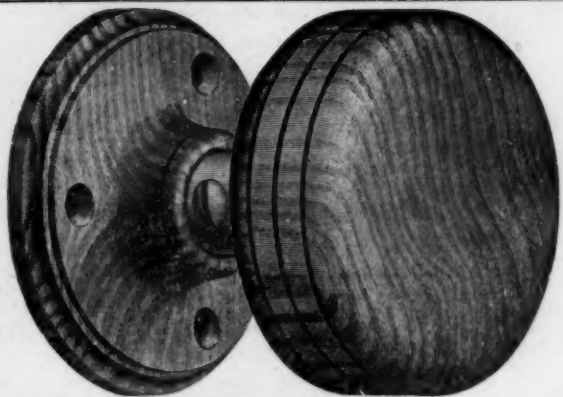
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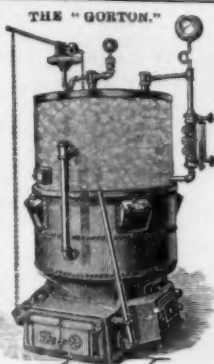
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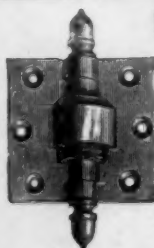
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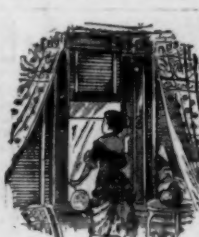
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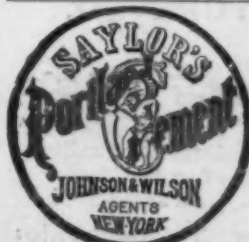
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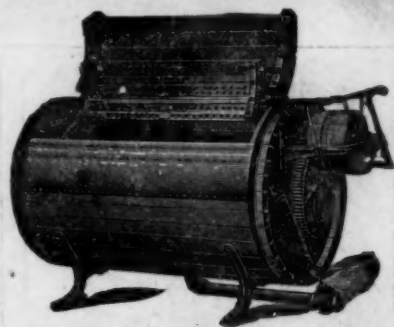
Cash Capital,	\$1,000,000.00
Reserves for Insurance in force, etc.,	2,746,070.03
Net Surplus,	1,471,703.89
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1 1/2 x 1 1/2	1 lb.	10	10	10	10	10	10	10	10	10	10
2 x 2	2 lb.	15	15	15	15	15	15	15	15	15	15
2 1/2 x 2 1/2	3 lb.	20	20	20	20	20	20	20	20	20	20
3 x 3	4 lb.	25	25	25	25	25	25	25	25	25	25
3 1/2 x 3 1/2	5 lb.	30	30	30	30	30	30	30	30	30	30
4 x 4	6 lb.	35	35	35	35	35	35	35	35	35	35
4 1/2 x 4 1/2	7 lb.	40	40	40	40	40	40	40	40	40	40
5 x 5	8 lb.	45	45	45	45	45	45	45	45	45	45
5 1/2 x 5 1/2	9 lb.	50	50	50	50	50	50	50	50	50	50
6 x 6	10 lb.	55	55	55	55	55	55	55	55	55	55
6 1/2 x 6 1/2	11 lb.	60	60	60	60	60	60	60	60	60	60
7 x 7	12 lb.	65	65	65	65	65	65	65	65	65	65
7 1/2 x 7 1/2	13 lb.	70	70	70	70	70	70	70	70	70	70
8 x 8	14 lb.	75	75	75	75	75	75	75	75	75	75
8 1/2 x 8 1/2	15 lb.	80	80	80	80	80	80	80	80	80	80
9 x 9	16 lb.	85	85	85	85	85	85	85	85	85	85
9 1/2 x 9 1/2	17 lb.	90	90	90	90	90	90	90	90	90	90
10 x 10	18 lb.	95	95	95	95	95	95	95	95	95	95
10 1/2 x 10 1/2	19 lb.	100	100	100	100	100	100	100	100	100	100
11 x 11	20 lb.	105	105	105	105	105	105	105	105	105	105
11 1/2 x 11 1/2	21 lb.	110	110	110	110	110	110	110	110	110	110
12 x 12	22 lb.	115	115	115	115	115	115	115	115	115	115
12 1/2 x 12 1/2	23 lb.	120	120	120	120	120	120	120	120	120	120
13 x 13	24 lb.	125	125	125	125	125	125	125	125	125	125
13 1/2 x 13 1/2	25 lb.	130	130	130	130	130	130	130	130	130	130
14 x 14	26 lb.	135	135	135	135	135	135	135	135	135	135
14 1/2 x 14 1/2	27 lb.	140	140	140	140	140	140	140	140	140	140
15 x 15	28 lb.	145	145	145	145	145	145	145	145	145	145
15 1/2 x 15 1/2	29 lb.	150	150	150	150	150	150	150	150	150	150
16 x 16	30 lb.	155	155	155	155	155	155	155	155	155	155
16 1/2 x 16 1/2	31 lb.	160	160	160	160	160	160	160	160	160	160
17 x 17	32 lb.	165	165	165	165	165	165	165	165	165	165
17 1/2 x 17 1/2	33 lb.	170	170	170	170	170	170	170	170	170	170
18 x 18	34 lb.	175	175	175	175	175	175	175	175	175	175
18 1/2 x 18 1/2	35 lb.	180	180	180	180	180	180	180	180	180	180
19 x 19	36 lb.	185	185	185	185	185	185	185	185	185	185
19 1/2 x 19 1/2	37 lb.	190	190	190	190	190	190	190	190	190	190
20 x 20	38 lb.	195	195	195	195	195	195	195	195	195	195
20 1/2 x 20 1/2	39 lb.	200	200	200	200	200	200	200	200	200	200
21 x 21	40 lb.	205	205	205	205	205	205	205	205	205	205
21 1/2 x 21 1/2	41 lb.	210	210	210	210	210	210	210	210	210	210
22 x 22	42 lb.	215	215	215	215	215	215	215	215	215	215
22 1/2 x 22 1/2	43 lb.	220	220	220	220	220	220	220	220	220	220
23 x 23	44 lb.	225	225	225	225	225	225	225	225	225	225
23 1/2 x 23 1/2	45 lb.	230	230	230	230	230	230	230	230	230	230
24 x 24	46 lb.	235	235	235	235	235	235	235	235	235	235
24 1/2 x 24 1/2	47 lb.	240	240	240	240	240	240	240	240	240	240
25 x 25	48 lb.	245	245	245	245	245	245	245	245	245	245
25 1/2 x 25 1/2	49 lb.	250	250	250	250	250	250	250	250	250	250
26 x 26	50 lb.	255	255	255	255	255	255	255	255	255	255
26 1/2 x 26 1/2	51 lb.	260	260	260	260	260	260	260	260	260	260
27 x 27	52 lb.	265	265	265	265	265	265	265	265	265	265
27 1/2 x 27 1/2	53 lb.	270	270	270	270	270	270	270	270	270	270
28 x 28	54 lb.	275	275	275	275	275	275	275	275	275	275
28 1/2 x 28 1/2	55 lb.	280	280	280	280	280	280	280	280	280	280
29 x 29	56 lb.	285	285	285	285	285	285	285	285	285	285
29 1/2 x 29 1/2	57 lb.	290	290	290	290	290	290	290	290	290	290
30 x 30	58 lb.	295	295	295	295	295	295	295	295	295	295
30 1/2 x 30 1/2	59 lb.	300	300	300	300	300	300	300	300	300	300
31 x 31	60 lb.	305	305	305	305	305	305	305	305	305	305
31 1/2 x 31 1/2	61 lb.	310	310	310	310	310	310	310	310	310	310
32 x 32	62 lb.	315	315	315	315	315	315	315	315	315	315
32 1/2 x 32 1/2	63 lb.	320	320	320	320	320	320	320	320	320	320
33 x 33	64 lb.	325	325	325	325	325	325	325	325	325	325
33 1/2 x 33 1/2	65 lb.	330	330	330	330	330	330	330	330	330	330
34 x 34	66 lb.	335	335	335	335	335	335	335	335	335	335
34 1/2 x 34 1/2	67 lb.	340	340	340	340	340	340	340	340	340	340
35 x 35	68 lb.	345	345	345	345	345	345	345	345	345	345
35 1/2 x 35 1/2	69 lb.	350	350	350	350	350	350	350	350	350	350
36 x 36	70 lb.	355	355	355	355	355	355	355	355	355	355
36 1/2 x 36 1/2	71 lb.	360	360	360	360	360	360	360	360	360	360
37 x 37	72 lb.	365	365	365	365	365	365	365	365	365	365
37 1/2 x 37 1/2	73 lb.	370	370	370	370	370	370	370	370	370	370
38 x 38	74 lb.	375	375	375	375	375	375	375	375	375	375
38 1/2 x 38 1/2	75 lb.	380	380	380	380	380	380	380	380	380	380
39 x 39	76 lb.	385	385	385	385	385	385	385	385	385	385
39 1/2 x 39 1/2	77 lb.	390	390	390	390	390	390	390	390	390	390
40 x 40	78 lb.	395	395	395	395	395	395	395	395	395	395
40 1/2 x 40 1/2	79 lb.	400	400	400	400	400	400	400	400	400	400
41 x 41	80 lb.	405	405	405	405	405	405	405	405	405	405
41 1/2 x 41 1/2	81 lb.	410	410	410	410	410	410	410	410	410	410
42 x 42	82 lb.	415	415	415	415	415	415	415	415	415	415
42 1/2 x 42 1/2	83 lb.	420	420	420	420	420	420	420	420	420	420
43 x 43	84 lb.	425	425	425	425	425	425	425	425	425	425
43 1/2 x 43 1/2	85 lb.	430	430	430	430	430	430	430	430	430	430
44 x 44	86 lb.	435	435	435	435	435	435	435	435	435	435
44 1/2 x 44 1/2	87 lb.	440	440	440	440	440	440	440	440	440	440
45 x 45	88 lb.	445	445	445	445	445	445	445	445	445	445
45 1/2 x 45 1/2	89 lb.	450	450	450	450	450	450	450	450	450	450
46 x 46	90 lb.	455	455	455	455	455	455	455	455	455	455
46 1/2 x 46 1/2	91 lb.	460	460	460	460	460	460	460	460	460	460
47 x 47	92 lb.	465	465	465	465	465	465	465	465	465	465
47 1/2 x 47 1/2	93 lb.	470	470	470	470	470	470	470	470	470	470
48 x 48	94 lb.	475	475	475	475	475	475	475	475	475	475
48 1/2 x 48 1/2	95 lb.	480	480	480	480	480	480	480	480	480	480
49 x 49	96 lb.	485	485	485	485	485	485	485	485	485	485
49 1/2 x 49 1/2	97 lb.	490	490	490	490	490	490	490	490	490	490
50 x 50	98 lb.	495	495	495	495	495	495	495	495	495	495
50 1/2 x 50 1/2	99 lb.	500	500	500	500	500	500	500	500	500	500
51 x 51	100 lb.	505	505	505	505	505	505	505	505	505	505
51 1/2 x 51 1/2	101 lb.	510	510	510	510	510	510	510	510	510	510
52 x 52	102 lb.	515	515	515	515	515	515	515	515	515	515
52 1/2 x 52 1/2	103 lb.	520	520	520	520	520	520	520	520	520	520
53 x 53	104 lb.	525	525	525	525	525	525	525	525	525	525
53 1/2 x 53 1/2	105 lb.	530	530	530	530	530	530	530	530	530	530
54 x 54	106 lb.	535	535	535	535	535	535	535	535	535	535
54 1/2 x 54 1/2	107 lb.	540	540	540	540	540	540	540	540	540	540
55 x 55	108 lb.	545	545	545	545	545	545	545	545	545	545
55 1/2 x 55 1/2	109 lb.	550	550	550	550	550	550	550	550	550	550
56 x 56	110 lb.	555	555	555	555	555	555	555	555	555	555
56 1/2 x 56 1/2	111 lb.	560	560	560	560	560	560	560	560	560	560
57 x 57	112 lb.	565	565	565	565	565	565	565	565	565	565
57 1/2 x 57 1/2	113 lb.	570	570	570	570	570	570	570	570	570	570
58 x 58	114 lb.	575	575	575	575	575	575	575	575	575	575
58 1/2 x 58 1/2	115 lb.	580	580	580	580	580	580	580	580	580	580
59 x 59	116 lb.	585	585	585	585	585	585	585	585	585	585

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