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VOL. XXXIII.

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SEPTEMBER 26, 1891.



SUMMARY:—

The Experiments on Rain Production.—Rain-making by Will-power.—A Wonderful New Electrical Machine.—The Cost of Supporting the Fine Arts in France.—Details of Appropriations.—Utilizing the Force of Surf.—The Progress of the Cold-Air-Supply System.—Photographic Speech.—Insurance against Damage by Water.	189
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A GOOD deal of interest has been excited by the experiments now in progress to determine the possibility of producing rain by artificial means, and, as usually happens, the idea seems to have been taken up by schemers, who hope to turn a penny through devices, purporting to be related to the proceedings of the scientific men, but presenting much more startling features. So far as we can learn, the Government has two parties of experimenters in the field, one being led by Senator Farwell, of Illinois, who succeeded in getting a small appropriation from Congress last year for this special purpose, and is likely to add more out of his own pocket if the undertaking, in which he has a great interest, shows signs of success; while the other is sent out by the Department of Agriculture, and is directed by General Dyrenfurth. The latter expedition appears to have been the first to commence operations, and certainly seems to have obtained some remarkable results in Texas, where its first experiments were made. It has been the fashion in the daily papers to ridicule the accounts of the experiments, and to try to prove that the means employed could not possibly have produced the recorded effects, but there is no doubt that if nature, and not General Dyrenfurth's bombs, brought the showers just at the time predicted, a succession of singular coincidences must have occurred. General Dyrenfurth is very far from being the burlesque mountebank that some of the newspapers make him out to be. He was educated in the German Artillery School at Berlin, where the chemistry and physics of explosions and explosives are taught perhaps more thoroughly than anywhere else in the world; and he was employed by a department which spends no time in preparing comic entertainments for newspaper readers or reporters, to ascertain, to the best of his ability, a single fact,—whether rain can be produced by artificial concussions of the atmosphere, and, if so, in what way? There has been for a hundred years a common belief that the firing of cannon is generally followed by rain, and the task of finding out whether this belief is well-founded is not one in which a trained man of science would be likely to deceive himself or others.

IT is certain that the explosions of General Dyrenfurth's batteries were, in most, if not all cases, followed by rain, and that in a region where natural rain is very rare at the season when the experiments were made. It is true that this may

have been an exceptional year, and that the rains might have occurred when they did without any help from the batteries; but scientific inductions are rarely anything better than probable inferences, and as General Dyrenfurth, in nearly every case, fired the batteries when the barometer was rising, it seems quite as likely that the concussions had something to do with the rain as that the showers should always have occurred, by pure chance, under a rising barometer, and just after the artificial concussions. Of course, further experiments, which are to be made in a region almost totally rainless, just east of the Rocky Mountains, may confirm or oppose the previous results, but each experiment teaches us something, and the combined results of a large number of trials will teach us a great deal. Meanwhile, a curious variation of the Government rain-making process is said to be practised by a private individual in the West. This person, according to the newspaper accounts, employs no explosives, or other material appliances, to draw down rain, but seems to depend upon the power of his eagle eye, or some other subjective force, employed in a manner which no one can describe, for the reason that no one is allowed to witness the incantation. The rain-compeller, we are told, has a sort of wooden tent, which he sets up in a field. The tent has a hole in the top, and its proprietor gets in, and shuts the door. The multitude which usually surrounds the tent imagines that the wizard is eyeing the heavens through the hole, but this is not proved, as there are no witnesses. However, in course of time the magician emerges, "exhausted, and bathed in perspiration," and announces that at a certain hour rain will fall, which, we are told, comes to pass. It is said that the inhabitants of the country in which this comedy is played are quite disposed to believe in the power of the performer over the clouds, and that an offer has already been made him of five hundred dollars for a good rain-storm of not less than fifty miles diameter. It will be acknowledged that the production of rain by firing guns must be at least as easy as by looking at the sky through a hole, so that General Dyrenfurth is likely to find the minds of the people among whom his rival has sojourned quite prepared to receive his conclusions. Without believing that the rain-wizard can have as much power of producing rain as General Dyrenfurth, it is not impossible that his tent gives him a good opportunity for examining the sky carefully, and that skill in interpreting its indications, cleverly used, has been the means of securing him the reputation of being possessed of marvellous power. Every one who has practised landscape painting from nature, in oil, must have noticed that the bluest and clearest sky is never of uniform transparency, or even constant in its appearance for any considerable length of time. On the contrary, attentive observation will always show very faint mottlings, markings, or other variations, and the coalescing, increase or diminution of the markings might give important indications of the state of the atmosphere. That the rain-compeller shuts himself up in a box, with only a hole in the top, makes it more likely that he uses some such means of gaining information, as the variations in the sky overhead would be made more visible by shutting out light from the side. The accounts, moreover, do not say that he, like General Dyrenfurth, produced rain at will, but only that, after getting into a perspiration, he opened the door of his box, and said that it would rain within so many hours. A prediction of this sort is quite compatible, perspiration and all, with the idea that the wizard only noticed that a natural rain was approaching, and the spectators seem to have concluded that he could produce the rain at will by an inference of their own.

A STORY comes from London which has a suspicious look, but, if any of our readers wish to experiment for themselves, they are at liberty to make such corrections as may be necessary in the account. It is asserted that a new kind of electrical machine has been constructed, which will produce a quantity of electricity, with a given power, hitherto quite unheard of. The machine consists of a hollow zinc sphere twenty inches in diameter. Inside this is one of solid copper, sixteen inches in diameter. The globes are concentric, and are arranged to revolve. To put the machine in operation, steam, at a pressure of ninety pounds to the square inch, is introduced into the space between the globes, and these are then revolved, in opposite directions, at the rate of five hundred revolutions a minute. About one-half a horse-power is required to rotate the

globes, and an immense volume of electricity is generated, varying in tension with the pressure of the steam and the rapidity of rotation. The first machine constructed on these principles, and of these dimensions, supplied five hundred incandescent lamps with current enough to keep them at their full brightness. Considering that the usual number of incandescent lamps which a horse-power of force will supply is only ten, we should say that an account of a machine which will supply a thousand, with the same expenditure of force, might be taken with a grain of allowance; but there is a wide margin between ten and a thousand, and, if the apparatus will do only a fiftieth part of what is claimed for it, the world will welcome it with enthusiasm.

LA SEMAINE DES CONSTRUCTEURS gives some details of the appropriations made by the French Government for the promotion of the fine arts, which will be particularly interesting to Americans. In our country, although a good deal of public money is spent on what purports to be fine art, the result is anything but encouraging to artists who have no political "pull," or who do not possess rosy cheeks and long curls, and it is worth noting how small are the sums which, judiciously applied, have made France the centre of the artistic world.

THE School of Fine Arts, in Paris, including all its many departments, costs the French Treasury only seventy-one thousand dollars a year, although tuition in it is absolutely free to all students, and the instructors are the most renowned artists of the modern world. This year, a special effort is to be made to develop the provincial schools of drawing and fine art, and nearly eighty thousand dollars has been appropriated for the purpose; and the "Academy of France at Rome," the school of the Villa Medici, where all the Grand Prize students from all the departments of the School of Fine Arts live and work for four years, costs thirty thousand a year more. The National Conservatory of Music and Declamation, in Paris, takes fifty-one thousand dollars, and its provincial branches and general public music-schools have forty thousand. The National School of Decorative Art, in Paris, costs twenty-eight thousand dollars a year; and the subsidized manufactories, of tapestry at Gobelins, of porcelain at Sevres, of furniture at Beauvais and of mosaic in Paris, draw two hundred thousand dollars a year from the Treasury, one hundred and twenty-five thousand going to the porcelain factory at Sevres, and nearly fifty thousand to the Gobelins, while the mosaic-factory, which is a modern affair, gets only five thousand. The museums in Paris and the provinces get about two hundred thousand, and the Government will subscribe this year to publications and artistic undertakings to the extent of sixteen thousand dollars. Two hundred thousand is appropriated for the purchase of works of art and the decoration of public buildings, and two hundred and sixty thousand for the care and restoration of "historical monuments." Forty-four thousand dollars is required for pensions and gratuities to artists, including actors; and about three hundred and sixty thousand goes as subsidy to opera-houses and theatres, the Government contribution, of thirteen thousand dollars, toward "popular concerts and musical societies" in the provinces being included in this sum. The salary list of officials and inspectors in the Department of Fine Arts, with the necessary allowance for expenses, completes the Fine-Arts budget, the total for the year being sixteen hundred thousand dollars, or less than is paid out of the United States Treasury, for the single item of pensions alone, every five working-days.

IT is rather surprising to learn, from *Indian Engineering*, that some one has brought forward the time-honored notion of utilizing the power of the surf on the seashore as a new invention. The editor of *Indian Engineering* says that it seems wonderful "that no one before thought out so simple a discovery." It is a good deal more wonderful, we think, that the editor of a technical journal should not remember that inventions to utilize the power of surf have been brought forward at short intervals for at least fifty years. Until within the past decade, all of them have been hopeless failures, for the reason that the force of the breakers is too irregular to be made available for driving mechanism in the ordinary way; but, quite recently, several devices have been tried for converting the irregular impulses into electric currents, and storing them in an

accumulator, from which they can be taken subsequently, with the steadiness requisite for securing useful results. There are obviously many ways in which the force of the surf can be thus transmuted; as, for example, by anchoring a floating raft with cables, coiled around the shaft of a small dynamo, and attached, beyond, to a spring. In this case, the pull on the anchor, as the float was lifted by a wave, would draw out the spring, causing the shaft of the dynamo to revolve, and generating a certain amount of electricity, to be added to the store in the accumulator; and, in course of time, a considerable amount of available force might be collected. Probably the inventions now in use depend on something of this sort. If we are not mistaken, electric light has been successfully furnished by means of one of them, and the force that would produce a steady light would be quite available for many other purposes.

IT is quite common to supply large cold-storage warehouses with apparatus for cooling the air by means of ammonia, and in Denver, as we recently stated, cold is distributed by mains through the streets, and branches to consumers, in the same way as heat. Steps are being taken for establishing a similar service in St. Louis, and the system promises to be convenient and profitable. In Boston, where a company which distributed steam by means of superheated water, under enormous pressure, has just collapsed, it seems as if the mains left in the streets might be utilized, with a change in the charter, for conveying cold instead of heat. If our recollection is not at fault, this company used two pipes, side by side, in a wooden conduit, packed with some non conductor. These pipes ought to answer for the supply and return, almost without change, and the plant is in the immediate neighborhood of a considerable number of cold-storage warehouses, markets, fruit-stores, restaurants and hotels, which would be likely to prove good customers of a well-planned system.

ANOTHER photographic novelty is described in the *Revue Industrielle*. Every one knows that deaf persons, and occasionally those not deaf, are taught to understand what any one is saying by the motion of the speaker's lips. M. Demeny, of Paris, has utilized this fact by making a series of photographs of a person speaking, taking them at intervals of a fraction of a second. The successive photographs, after completion, are placed in the toy called the "zoetrope," which is rapidly whirled around, bringing the pictures successively before the eye. The persistence of the images on the retina gives rise to an illusion, by which a single picture seems to remain before the eye, but with the lips moving in accordance with their successive positions, as shown in the photographs. If the photographs have been arranged in the sequence in which they were taken, and brought before the eye with a rapidity corresponding to the intervals between the original exposures, the lips of the image will appear to move exactly as those of the person photographed did; and a deaf person, or any one else accustomed to interpreting the motion of the lips, can virtually hear the image speak. It is not likely that this curious invention will have a very extensive application, but it is thought that it may be useful in the education of the deaf.

ANEW sort of insurance has been devised in France. The company *La Lutèce*, which has its office at 58 Rue Laffitte, Paris, is now ready to insure owners of real estate, tenants, merchants and other persons against all sorts of damage caused by water, including the effect of floods and heavy rains, or the bursting or overflow of water supply-pipes or sewers, tanks, cisterns or other plumbing apparatus, whether due to natural causes or to negligence or forgetfulness. Not only does the company make good any damage proceeding from such sources, but it assumes the expense of necessary repairs to plumbing in buildings protected by its policies. We do not often do any gratuitous advertising in these columns; but among the wide variety of insurance companies doing business here, and offering indemnity against damage from fire, storms at sea, hail, the breaking of plate-glass, the dishonesty of employés, accidents, death and so on, it is strange that none, at least none that is widely known, should have undertaken to insure against water-damage; and, if the rates charged are reasonable, it seems as if an American branch of the new company might do a large business among owners and tenants of real estate.

GERMAN ARCHITECTURE.¹—VIII.

NORTH GERMANY.—(Continued.)

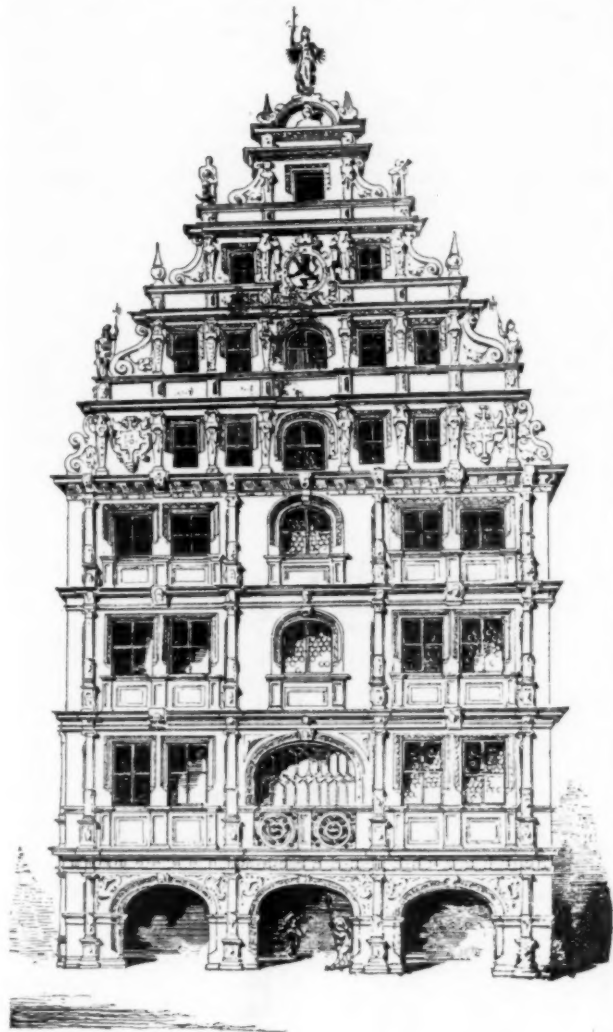


Fig. 49. The Gewandhaus at Brunswick.

NOT all the noteworthy edifices in this part of the country are of wood. The Gewandhaus of Brunswick, an ornate structure of 1590 (Figure 49) and the handsome porch of the Town-hall of Halberstadt (Figure 50), added in 1663 to a Gothic building, are in stone.

Along the middle course of the Weser there are numerous castles; the principal of these is Hamelschenburg, erected between 1588 and 1612. The profusion of gables, chimneys and towers gives an unusual life to the *silhouette*; the fasciae are enriched with sculptured star patterns.

We will also call attention to the château of Hulsede, built 1529-1548, Schwobber, dating from 1574, and Bevern, 1603. The style of these is neither pure nor elegant; the picturesque element predominates; an extraordinarily animated character is imparted to the *silhouettes* by the numerous irregular projecting motives; the effect is still further heightened by the ornateness of the details, and especially by the texture-like decorations revetting the walls, a kind of embellishment of which we have already spoken.

The religious architecture of these regions is well represented in the church of Wolfenbüttel, designed in 1604 by Paul Franke. It is Gothic in plan and construction, while the forms are Renaissance. The same architect designed the handsome University of Helmstadt for Duke Henry Julius of Brunswick (1593-1612).

Hanover ranks, without question, among the German cities in which Renaissance art has left the most remarkable productions. The houses, with their main gable facing the street, are soberly decorated; the windows are divided by slender colon-

nettes, and one or two projecting constructions, beginning at the foundation, add life to the façades (Figure 51). The whole possesses a character of dignity which sometimes

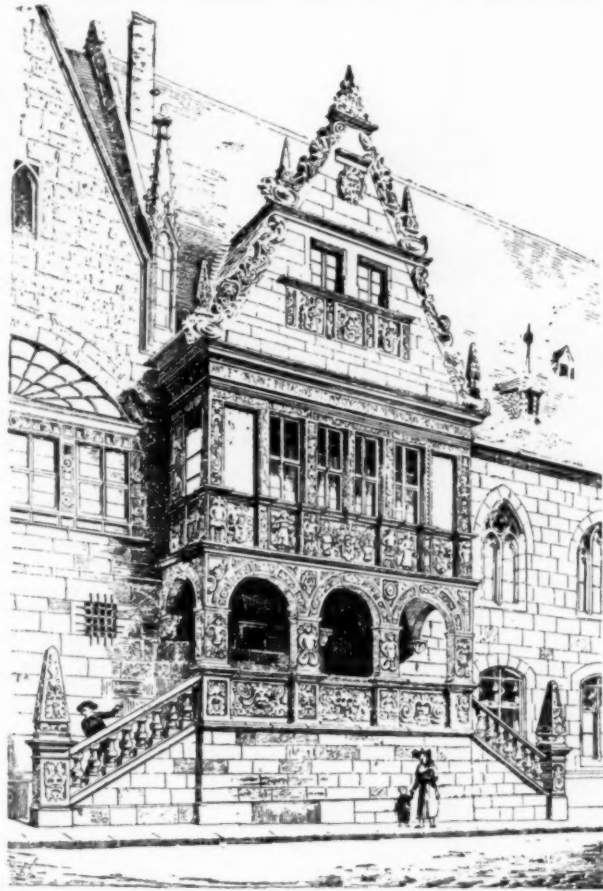


Fig. 50. Porch of the Town-hall at Halberstadt.

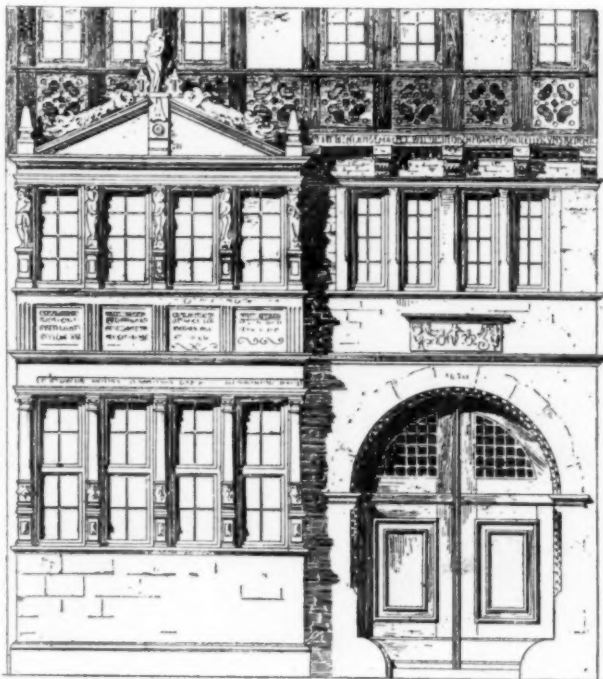


Fig. 51. Façade at Hanover.

approaches stiffness, particularly when the rather slight stone colonnettes bear a resemblance to wood or iron. But, as a general thing, the tranquillity of these compositions depends

¹ From the French of Lambert and Stahl, in Planat's *Encyclopédie de l'Architecture et de la Construction*. Continued from No. 821, page 178.

on elaborated forms, examples of which are met with in other cities, at Hameln, for instance, a town near Hanover, which is rich in picturesque motives, jagged gables and profusely ornamented exteriors. The Castle of Münden, one of the dormer-windows of which may be seen in Figure 52, is not destitute of decorative interest.

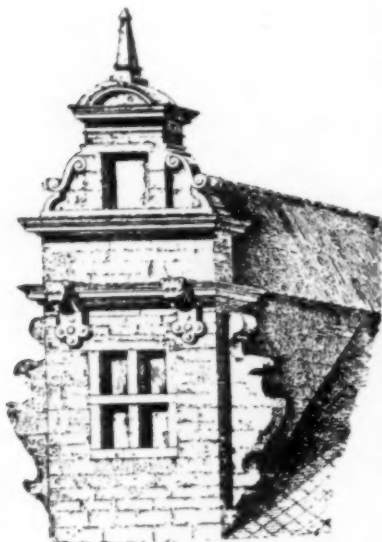


Fig. 52. Dormer Window from the Castle of Münden.

In terminating this brief review of the architecture of the central part of North Germany, it remains for us to glance at the provinces of Posen and Brandenburg. Neither was favored, as regards architectural development, in the sixteenth and seventeenth centuries. The marches of Brandenburg were slow to take a part in German culture. They were a prey to the pillaging nobles until the beginning of the sixteenth century, and during the Thirty Years' War progress was out of the question.

Berlin is very poor in Renaissance architecture. Its castle, begun in 1538, was replaced in 1696 by the royal palace designed by Andrea Schlüter. Of the old edifice, only a few

two smaller ones, and wholly destitute of artistic adornment, are all that it can boast of.

The Renaissance treasures of the province of Posen are not remarkable. The capital, however, possesses a rather extraordinary Town-hall. Its beautiful façade, with three rows of arches, and framed-in by towers, is the work of an Italian architect; it was built in 1550.

Turning now to the coast districts, we find two distinct factors in their architectural advancement; on the one hand, the free maritime cities in which the potent spirit of the burghers was dominant, and, on the other, the duchies of Pomerania and Mecklenburg, whose tone was given by the ruling houses.

In the Middle Ages, the commercial towns of North Germany united in the Hanseatic League, and constituted a considerable power. Dantzic, Lübeck, Hamburg and Bremen preserve, as evidence of their former greatness, vast cathedrals and town-halls, which the burghers gloried in as emblematic of their authority. These edifices are of brick, and are Gothic; it was not until later that the Renaissance penetrated into the Hanseatic cities; no monuments of this style are encountered antedating 1550. It was imported from Holland, and retained here its Dutch features and characteristics; brick and stone

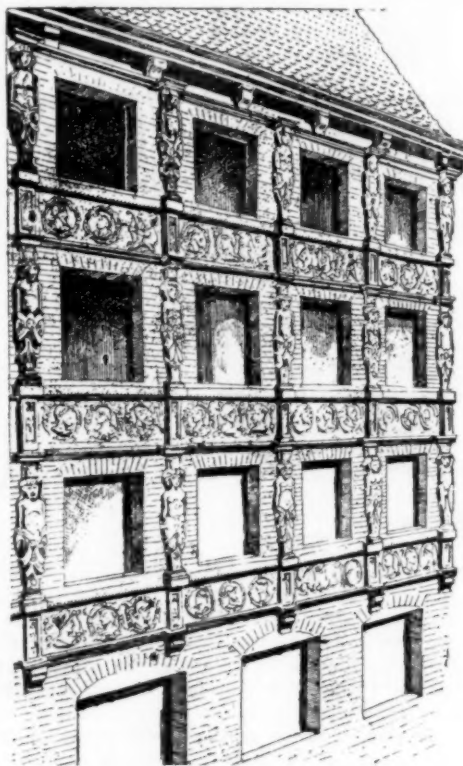


Fig. 55. House at Lübeck (second half of the sixteenth century).



Fig. 53. Arsenal at Dantzic.

insignificant fragments remain. The royal stables, belonging to the early part of the seventeenth century, are paltry in composition, and constitute almost the only remnant of the architecture of this period at Berlin. The province is not richer than the capital. A few castles, comprising one large hall and

were employed simultaneously, and picturesque effects were aimed at. The Renaissance was already in its decline when it was introduced into the cities of the German littoral. From the outset the forms were exuberant, the *silhouettes* were animated, and the decorative effects preponderated over the structural.

Among the cities to which our attention is directed, Dantzic is the richest in private architecture. The dwellings are of stone and nearly all date from the second half of the sixteenth century. The façades are narrow and are often overburdened with ornaments and statues; along the street in front runs a sort of terrace surrounded by a balustrade and benches, and approached by a staircase, which is sometimes of monumental design. These terraces give a unique aspect to the streets; the majority of them have unfortunately been removed to facilitate circulation.

The main street of Dantzic, the Lange Markt, which is broad and bordered by sumptuous edifices, terminates at the town-hall, in a square adorned with a superb fountain. The town-hall rears aloft a tower of uncommon beauty. The *ensemble* offers one of the noblest architectural perspectives in the world. The arsenal, built in 1605 (Figure 53), is of stone and

brick and recalls Dutch art which was applied especially to structures of public utility.

Religious architecture remained here, as in the other coast cities, almost exclusively Gothic. The fortifications of Dantzic are important; we give a cut of the Hohe Thor, a gate exhibiting a highly characteristic kind of decoration (Figure 54).

Lübeck possesses a fine town-hall and a remarkable arsenal; it has also some handsome private residences, a few of which have the terra-cotta decorations peculiar to this city and the duchy of Mecklenburg (Figure 55). A large number of very rich stone portals may be seen at Lübeck which were added to some of the old brick houses at the close of the sixteenth century and the beginning of the seventeenth.

Only a few sixteenth-century houses are found in Hamburg, the fire of 1842 having swept away almost everything.

The town-hall of Bremen is one of the best Renaissance compositions in North Germany; it dates from 1612 (Figure 56). The oriel window, which constitutes such an important element

of the ground-floor; these are of stone. The upper frieze with its medallions, the pilasters and the window-frames are in terra-cotta. The noble and elegant architecture recalls certain structures in Upper Italy. It was probably Dutch ceramists who executed these works; among others Stadius van Duren is mentioned.

The castle of Schwerin, by Italian architects (1555-1568) was also in terra-cotta. It has been replaced by modern constructions. The castle of Gustrow (1558-1565) suggests, by its beautiful plan, its high-roofed angle pavilions and its monumental chimneys, some of the French castles. All the exterior and interior decoration is in stucco and is of superior workmanship and noble style.

In conclusion we will indicate for the use of those who care to push their investigations in this line farther, the principal publications in which they may find helps.

The history of the German Renaissance was first treated by Lübke, in a work which has become classic: "*Geschichte der*



Fig. 54. City Gate, Dantzic.

of private architecture nearly all over Germany, is wanting in the cities of the coast.

The duchies of Pomerania and Mecklenburg have almost no monuments beyond those reared by their princes. The Pomeranian cities of Stralsund, Griefswald and Stettin contain but little Renaissance architecture. After having played an important rôle in the Middle Ages, their power came to an end in the fifteenth century; the few ducal castles encountered here are of no importance. Mecklenburg is richer; its cities also attained the height of their glory in the Middle Ages; their past grandeur is still attested by immense brick cathedrals reared by the burghers in Renaissance times; it was the princes who built the palatial residences of Mecklenburg. Brick is the building material in common use here.

The castle of Wismar, constructed between 1553 and 1555, is of brick with the exception of the grand portals and the frieze

Deutschen Renaissance," with numerous illustrations scattered through the text (Ebner and Seubert, Stuttgart). Fritsch has published under the title of "*Denkmale der Deutschen Renaissance*" (Wasmuth, Berlin) a collection of phototype prints of Renaissance monuments. These are judiciously selected and comprise, up to the present time, two hundred folio plates.

A bulky collection has been made by Ortwein, entitled "*Deutsche Renaissance*" (Seemann, Leipzig); it includes seven volumes of autotypes of very unequal value, in which are jumbled together nearly all the German productions, good and bad, of architecture and the decorative arts during the sixteenth and seventeenth centuries.

The work of Lambert and Stahl, "*Motive der Deutschen Architektur*" (T. Engelhorn, Stuttgart), now in press, has both a French and German text, and embraces two hundred folio plates, reproducing historic motives classified chronologically

from the beginning of the sixteenth century down to the end of the eighteenth.

Besides these more comprehensive works, there are numerous monographs and partial studies scattered through the art-reviews and technical publications.

We refer the reader to the article on modern architecture in Planat's Encyclopædia for an account of the changes which the building art has undergone in Germany since the close of the seventeenth century. In the sketch of Austrian architecture, he will find briefly traced the history of an art which sprang from the same family, but, owing to its contact with Italy and Slavic lands, assumed a different though not less original character.

By these means the student will be able to fill out the outlines here presented of an architecture which may have received foreign inspirations, but which, nevertheless, preserved throughout the entire period described above a character of striking

ANCIENT ARCHITECTURE FOR STUDENTS.¹—XIII.

PHENICIA.

CHRONOLOGICAL NOTES.

	B. C.	B. C.
Sidon in existence previous to		1200
Sidonians found Tyre.		1200
Hiram King of Tyre (contemporary of Solomon).		1013
Sicharbaal (King of Sidon, priest of Bel).		833
Pygmalion (King of Sidon).		813
Exode of Aristocracy under leadership of Dido, and Carthage enlarged by them.	810	
Invasion of Shalmaneser IV.	between 727 and 722	
Invasion of Cyrus.	540	
Croesus destroys power of Phœnicians in Cyprus.	540	
Country overrun by Alexander the Great.	330	

WE have pretty nearly come to the end of the history of the architecture of the ancient nations, that which had its origin and development among them, untainted whether for good or evil by the influences brought to bear upon it by intercourse with more modern people, and we have noticed the effects of Greek and Roman influence in Egypt. But there is still another nation whose

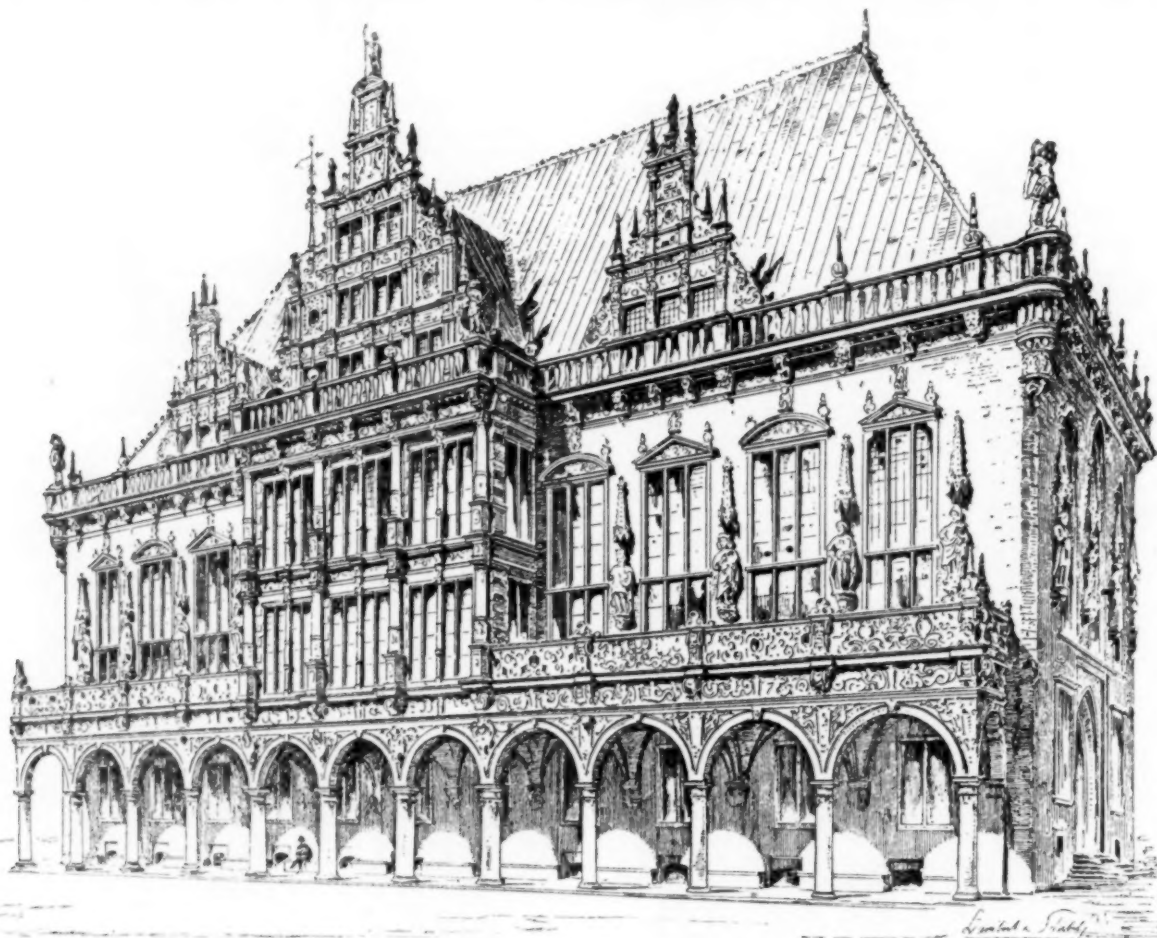


Fig. 56. Town-hall at Bremen.

originality. The German Renaissance, though less severe and perhaps less pure than the French, certainly deserves to be better known in France than it is at present.

LAMBERT AND STAHL.

PROF. TYNDALL'S NEIGHBORS. — Prof. Tyndall has got into trouble with his neighbors. Some time ago, being desirous of having a place where he could work in perfect seclusion, he built a house at Hindhead, but had scarcely settled there when a sign-board was erected in front of his gate offering the land for sale for building purposes. The fact that it "overlooked the grounds of Prof. Tyndall" was announced as an especial inducement to purchasers. In self-defence, Mr. Tyndall bought the land himself, 37 acres in all, but did not enclose it or exercise any rights of ownership. Soon after this, one of his neighbors began to build a stable just in front of his study windows. The Professor offered him a free site and \$500 if he would put the building a little to the north or south, but the offer was curtly refused and the stable was built. The Professor then erected a screen of larch-poles and heather between the stable and his house, and this screen has proved the cause of intense local irritation, public opinion being divided on the subject, and lively personalities are exchanged in the local newspapers. The moral seems to be that the country is not always the best place for privacy. — *N. Y. Evening Post*.

history is most instructive, because it forms the link between the ancient world and the countries of later foundation.

The study of the architecture of Phœnicia is by no means so simple a matter as that of Chaldean or Assyrian, where steady application of the explorers' pick and shovel have brought it all to light. But for Phœnician art, one hardly knows where to turn for examples which are by no means confined to the narrow limits of Phœnicia proper, but are scattered far and wide in all the colonies founded by that nation. But in order to understand this fully we must take a glance at the history of the nation.

The origin of the Phœnicians as a nation is wrapped in obscurity; there are very many opinions and theories all equally tenable, but all fail in arriving at definite conclusions. The probability is that they came originally from the east at different periods, and that these different Semitic branches settled into one nation on the eastern shore of the Mediterranean Sea as early as the days of Abraham, some 2000 years B. C.

It is only recently that to Phœnician art has been accorded its real position in history and its true value recognized. With the absence of accumulated monuments, the country has been overlooked and underrated, and indeed in itself Phœnician art is of little intrinsic value, for the Phœnician was no inventor, but its value

¹ Continued from No. 816, page 134.

consists in this, that the Phœnician was the transmitter of art from Egypt to Europe. Phœnician art is a combination of Egyptian and Assyrian; the details of the two countries running side by side, and the arts they borrowed from the south and east, they carried to the north of Africa and to Cyprus, at each of which places Greeks and Romans were infected with its influence.

The Phœnicians were a great commercial people, little given to building except as they were prompted by the benefits likely to ensue from works by which their commercial enterprise would profit. They constructed great harbors, but they built no palaces; they fortified their principal towns, but paid little attention to templar architecture. Their ships and sailors were in the pay of every nation. One country going to war with another instantly secured Phœnician assistance for the transport of her troops.

They worshipped the sun, moon and stars; they deified natural phenomena, the elements, abstract ideas, seasons of life, and time, and even animals. Every grove, river, well, whatever object in nature could be imagined as a resort of a spirit, that was considered sacred. They erected small temples or sanctuaries, not so much for the worshipping of their deities, but rather for the purpose of providing the deity with a place of habitation. Their rites of worship were, however, the most revolting, degrading, gross and brutal, cruel and inhuman that could well be imagined. Human sacrifices, the immolation of children, were persisted in down to the very destruction of the empire. Actual representation of the deity was contrary to their better feelings, but certain symbols, such as pillars of wood or stone and the like, took the place of statuary in general. Herodotus mentions having seen a temple dedicated to "Hercules" richly adorned with a great variety of offerings, and in it were two pillars, one of pure gold, the other of emerald stone, both shining exceedingly at night. What statues they had were all of human types, rough and awkward in execution; it is Egyptian fine art they have endeavored to copy, though there is often to be detected a freer treatment, such as was fully developed later by the Greeks.

The material in which the Phœnician worked was the soft calcareous stone abounding everywhere, and their earliest works were excavations in the rocky cliffs, both for dwellings and for tombs. Some of their most singular remains are monolithic chambers—chambers hollowed out of a huge block of the soft stone in such a way as to leave only the walls of the original block, about 30 inches thick, to a chamber 33 feet wide, 100 feet long and 20 feet high. But when the site was not suitable for excavating they turned their attention to building.

The principal cities of the Phœnicians were Tyre, Sidon, Gebal and Arvad. Sidon, the oldest, was sacked by the Philistines 1,000 years B. C., and Tyre rose to be the chief city, remaining as such for its commercial enterprise and consequent riches and power. From Tyre and Sidon went out colonies to Spain, Sardinia, Carthage, Cyprus and Greece.

The early tombic pits, sunk in the soft rock, were occasionally marked externally with some monument constructed above ground, such as the massive, tower-like construction at Amril, the burial-place of the people of Arvad. Here will be noticed the decidedly Assyrian character of ornamentation, the stepped or battlemented walls, and the roughly-blocked-out lions at the foot. Another exists, which is more Egyptian in character, and consists of a monolithic pedestal finished with a moulding on top, and above this rests another great stone, square below and finished with a truncated pyramid. The whole stands upon a couple of stone steps. This tomb has, in addition, an entrance roofed over with a single stone, supported on massive walls. This manner of roofing, and the fact that only two instances are known where the vault is used, would seem to imply that the vault was a method of roofing little suitable to them. Indeed, they were more likely to hollow out an arched roof, were one required, for appearance sake, than to be at the trouble of constructing one with single stones or bricks. In the tombs discovered whole families are buried together. Sometimes the tomb consists of a number of chambers, in every one of which has been found a sarcophagus.

The art of mummifying was but carelessly practised. The body was slightly prepared, and then put into a sarcophagus and left in the tomb, and the result has been that no complete mummies have yet been discovered.

Sidon was the oldest of Phœnician cities. The Sidonians founded Tyre, and when, about 1209 B. C., they were badly defeated by the King of Ascalon and driven from their own city, they took up their abode in the small town of Tyre, and began enlarging it, while Sidon, as a city, drops out of history for a time. Sidon naturally suffered when the operations of commerce were withdrawn from it and established in Tyre, just as Tyre herself suffered irreparably when Carthage became the headquarters of Phœnician enterprise.

Sidon recovered herself after a while, and the city of Aradus sprung into existence; but, when Shalmanezar IV (727 to 722 B. C.) overran the country, Sidon joined with the invaders against her rival, Tyre; but, as Tyre was victorious in the conflict, Sidon was subdued, and nothing is heard of her for a hundred years. The power of these petty States was broken through the continual marauding expeditions of Egyptians, Chaldeans and Medes, until they fell an easy prey to the Persian Cyrus (about 545 B. C.). Sidon, however, regained sufficient strength to warrant an attempt at rebellion against Artaxerxes III in the year 351 B. C. Reinforced by the Egyptians, they openly attacked the Persian army, but, by the

treachery of the Sidonian general, they were overcome and their city taken. Previous to their defeat they burned their ships, and thus cut off their only means of escape. Seeing themselves helpless, they shut themselves up with their wives and families to the number of 40,000, and, together with their great accumulation of wealth, perished, setting fire to the whole city.

It is of the period of prosperity prior to this terrible calamity that the best remains of Sidon have come down to us. Sidon was rebuilt, but never regained the importance it formerly enjoyed. It is only recently that the tombs of their dead, left to us as the monuments of their prosperity, have been discovered, and the only accounts published of them up to the time of writing are such as have appeared in the *London Times* and papers borrowing from it. It seems that American missionaries accidentally came upon a square excavation in a garden not far from Sidon, which, upon investigation, proved to be a kind of court sunk in the ground, out of which, cut in the solid rock surrounding it, are doors leading to chambers at two or more levels, or floors, each chamber containing one or more sarcophagi. The excavation, which is twenty-five feet below the surface of the ground, is duly oriented. The eastern chamber was the principal room of the whole excavation, and was beautifully decorated. The sarcophagus was surrounded by an arcade of eighteen fluted columns of the Ionic form, with four Doric columns at the corners. Between the columns stands the figure of a girl draped in Greek costume, cut without spot or blemish, and representing "Grief." Another sarcophagus in this chamber, and of a black stone, was perfectly plain, and, when opened, was found to contain the bones of a woman, with the hair and teeth. The western chamber contained a sarcophagus of pure white marble, mummy-shaped and plain, but in an inner chamber four were found, one of which was the richest and finest of all.

The northern chamber contained two mummy-shaped sarcophagi, and proved to be the vestibule of two chambers which were beneath it, one of which contained a small sarcophagus, and the other four of white marble. The most singular discoveries, however, were made in the beautiful eastern chamber already alluded to. While operations for the removal of the sarcophagi were proceeding, another chamber was discovered, in which were two candelabra of bronze, standing about five feet in height. "The flooring of this chamber proved to consist of a bed of great stones laid with great care. Beneath these was a second bed of stones, and then a third, and under all this, carefully covered up and hidden away, was a great monolith covering an opening in the rock. In this deep chamber was found a splendid sarcophagus in a black stone, resembling that of King Eshmunazar in the Louvre. It had an inscription in Phœnician, eight lines in length."¹

Reports only of this inscription have as yet reached us, but it appears to be to the same purport as that on Eshmunazar's sarcophagus, shorter and more concise, but threatening the invader of the chamber with trouble here and hereafter for violation of the tomb, remarking that neither gold nor silver were to be found there. The name on it is said to be Taenite, son of Eshmunazar.

The city of Tyre appears to have been at the zenith of its prosperity under Hiram, the friend of Solomon, 1013 B. C., to which date the palaces, temples, public edifices and harbors belong. The work and the skill of the Tyrians under this king were well known for excellence of execution, so that Solomon's work was, at his request, executed by men of this place.

Jezebel, the wife of Ahab, King of Judah, was a daughter of a king of Tyre.

For a long time the rulers of this State were the priests of the goddess Astarte, but the people were averse to their authority, and in the reign of Siharbaal, the high priest, 833 B. C., they rebelled and put Pygmalion upon the throne. Siharbaal was murdered, and his wife, with the aristocracy of the place, in the ninth year of Pygmalion's reign, emigrated to Carthage on the north of Africa, 813 B. C., which place had early been colonized by Sidonians. From this time Tyre decayed, until at last it was completely extinguished by the "New Town." Although Tyre existed for centuries afterwards it was not until the fourth century, A. D., that it grew to importance again.

After all Tyre suffered, through internal disturbances and the raids of various conquering hosts, it is hardly to be expected that any monument should have come down to us above ground, whatever may be buried in the soil beneath. It was at Tyre that Herodotus saw the temple of "Hercules" we have mentioned before as existing in Phœnicia, though he did not know that the two pillars he describes were intended to represent deities.

Elissa, or Dido, the celebrated wife of Siharbaal, the murdered priest at Tyre, setting off on her expedition with the aristocracy of the State, made for Carthage, touching at Cyprus on their way. "Tarshish" of the sacred writers has been identified with Carthage, and was known at the time of Dido's arrival, as a very ancient place. If the difficulty of discovering traces of ancient cities destroyed by time alone is great, how much greater the difficulty when they have been utterly destroyed by the Roman armies, and Time has done his work upon the ruins as well. This is the case with Carthage. Carthage was utterly destroyed by the second Africanus and has left but little to show her ancient glory.

The principal remains above ground are the cisterns, which kept

¹ *London Times*.

the city well supplied with water, and the famous aqueduct, which is still partly standing, and by means of which water was conveyed to the cisterns from the hill country. In the remains of the aqueduct, the work of every nation who dominated Carthage after its fall, is visible, but there is sufficient evidence to prove its Phœnician origin. Repairs being needed from time to time were executed by the ruling power for the time being. Dr. Davis,¹ the explorer, says that he traced this astonishing work to its sources of Zaghwaar and Jugaar, and found its construction generally to be similar to that of the cisterns which we will describe later. "Where it perforates the mountain there are about every twenty-eight yards air-holes built like circular wells, six feet in diameter. These wells vary in depth according to the height of the hills through which the water-course runs, just as the elevation of the arches vary according to the level of the plain which they span." Quoting Sir Grenville Temple, he continues, "the measurements and proportions of the different parts vary as much as the style and materials themselves, for while the Punic pillars and supports measure along the line of the aqueduct, 8 feet 6 inches by 10 feet 1 inch in breadth, with an open interval between them of 14 feet 1 inch, those constructed of mud are 14 feet 7 inches along the line by 12 feet 2 inches in breadth, and intervals 15 feet 10 inches, and some few arches are even as much as 20 feet." Sir Grenville Temple's opinion is that these mud piers were originally faced with square large stones. The arches vary from 80 to 125 feet in height, and the channel conveying the water was high enough and broad enough for a person of ordinary size to walk in. It was vaulted above and plastered in the inside with strong cement, which, by the stream running through, is discolored, to the height of about 3 feet."

This tremendous piece of engineering communicated with the cisterns, designated by explorers as "stupendous." The people of the village of Moalkah standing on a part of the site of Carthage, occupy these cisterns as cottages, having broken out doorways and run up partition walls. Only fourteen cisterns can now be traced, measuring 400 feet long by 28 feet wide, while connecting with these and running at right angles to them is a gallery a few feet higher than the cisterns and only 18 feet wide. There are two other groups of cisterns nearer the site of Carthage proper, one of which has the cisterns in such good repair that they contain water to this day. They number eighteen, and each measures 93 feet in length, and 19 feet 6 inches in width; each can contain a depth of 17 feet of water. From the water-level to the summit of the arched roof there is a height of 10 feet 6 inches. "On each side there is an arched gallery upwards of 6 feet wide, which communicates with the cisterns. Originally there were six circular chambers with cupolas, one at each of the angles and two in the centre. Their purpose can be merely conjectured. These cisterns were supplied by means of a great terrace above which collected the rain water, but a subterranean aqueduct connecting these cisterns with the cisterns at Moalkah has been discovered, which no doubt was the means of their principal supply." M. Perrot mentions having seen two "cisterns like a pair of huge tuns, many sided polygonals, one 40 feet diameter at its narrow part and 67 feet diameter at the widest, and the other much smaller, a narrow aperture of 16 inches wide connects the two, and through this the water flows from one to the other. Buttresses, circular on plan and of two stages in height, strengthen the walls at the angles, which now are from 23 feet to 27 feet high."

As a great maritime commercial people the Phœnicians early turned their attention to the necessity of constructing harbors, and at Carthage is said to have been the most famous of all of them. These harbors at Carthage are, however, buried in thick mud and sand of the desert, and nothing but desolation reigns there. History relates that there were two harbors, one within the other, so disposed that a ship could pass from the outer to the inner, but there was only one inlet from the sea, 60 feet wide, and this was protected by chains.

The first was the commercial harbor, and was surrounded by houses or sheds for the accommodation of sailors; the second or inner harbor was appropriated for the navy, and in the middle of it stood an island. Fine quays surrounded the harbor and the island with docks for two hundred and twenty ships roofed-in, and above these were the storehouses and workshops. The front of each dock was ornamented with two Ionic columns of marble, so that there was a water-way with a magnificent marble arcade all round it, and on the island also.² The admiral's palace stood upon the island, and although it was a house of two stories, it has entirely disappeared, a few fragments of cornices and some very large well and carefully tooled blocks of stone have been discovered, but no trace of columns or capitals. The moulding of the cornices, like the colonnade around the harbor, are decidedly "Greek" in character, being in fact the forerunners of the "Doric" order.

RELIGIOUS ARCHITECTURE.

Of the religious architecture nothing remains above ground. The pavement of a temple dedicated to Neptune was discovered at a depth of 18 feet, while a splendid mosaic of the Temple of Astarte, at a depth of 12 feet had, right across its centre and built on the top of it, the basement wall of a subsequent Roman villa now also absolutely destroyed. One thing that accounts for the absolute ruin and also for the great depth of the soil over the pavements is that

the walls were of the worst possible construction, being of mud piled up between planks, which when the mud was dry enough are removed and the mud wall was complete. This way of building walls still exists in many places where stone does not exist and where bricks cannot be obtained. Their mode of roofing seems to have been the vault, but their principal buildings seem either to have been constructed of stone or lined externally with stone, the interior being of mud.

We find at Carthage an entirely new form for the plan of a temple, though it is not certain that was generally used. In one instance, the temple of Saturn or Moloch, to whom the horrible human sacrifices were offered, was found to be a circle with a diameter of 201 feet.³ A central circular hall, 29 feet in diameter, is surrounded with three concentric corridors, each of which has twelve openings or doorways, radiating from the centre of the circles to the external circumscribing wall, one exactly behind another, each corridor, as it is farther from the central hall, is wider by 2 feet than the preceding one, while of the walls, the innermost is 10 feet thick, the others 4 feet and 6 feet respectively, while the outer is 12 feet thick. It has been a disputed point, as to what was the purpose of this building. Dr. Davis declares that this building is symbolic of seasons, of days, months and years, and he is satisfied that he discovered the very place where "stood the image of the terrible Baal, whom Diodorus of Sicily describes as having had outstretched arms, inclined toward the earth, so that the children placed in them rolled down and fell into the pit below filled with fire." . . . "The layer of burnt earth, or rather the ashes and bones which we found were the remains of the victims immolated to this divinity."

A portion of a Mosaic pavement, and also of a fluted column 3 feet 6 inches diameter, and standing 5 feet above the floor, were the only relics discovered there.

The famous temple of Æsculapius stood on the site now occupied by a fort. Its extreme length was 613 feet by 340 feet wide, enclosing the sanctuary, 186 feet by 79 feet. Vast cisterns for water were contained within the walls. The ruin of a staircase of sixty steps, described by Appian as an approach to this temple, may still be seen. It measured 163 feet high from the bottom of the rocks on which the temple stood, and was divided into three flights with long landings. Of the temple itself, nothing stands but the foundation-walls; a porch and also an adytum at the western end are discernible.

The mosaic pavements discovered, and already alluded to, are of great beauty both in color and design, busts of men and women, full figures of women gracefully draped and representing the Seasons, or other periods, surrounded by flowing arabesque kind of foliage, with conventional trees standing in ornamental jars, being the general character of the work; great skill is displayed in the arrangement of the colors, so as to produce lights and shades. However and wherever the Phœnicians learned the art of mosaics, it is impossible now to say, but it is certain that the Greeks and Romans learned from the Carthaginians this art, as they did many other arts.

The island of Cyprus, another colony of this ancient people, now calls our attention. The earliest settlers there were Phœnicians, and though the architecture of Cyprus is all ruined, and its ruins have disappeared, yet discoveries have proved how great is the importance of Cyprus artistically, as she "stands on a line where the East joined the West." The Cypriotes were a luxury-loving, effeminate and dissolute people, but we have a great lesson to learn from their art. It is principally in her sculpture that this lesson is contained.

Until the middle of the sixth century, B. C., Greeks had shared the island with the Phœnicians, the Phœnicians, however, being the ruling nation. At that time, however, Cressus, king of Lydia, crushed out their power, and set up the Greeks as masters of the island, who, in their turn, were so crippled in all their colonies by Cyrus, the Persian, the conqueror of Cressus—who, by subduing the Phœnicians, upon whom both Greeks and Egyptians were utterly dependent for vessels and sailors, virtually broke up the power of both nations at a stroke.

From the Cypriotes we learn that columns were sometimes used as monuments, like the obelisks of Egypt, although, like the Assyrians, the Cypriotes cut both shaft and cap out of one stone. Details bear a striking resemblance to Grecian work, and even "Corinthian" forms appear occasionally, but in their buildings the columns were used almost solely as ornamental pilasters, never as structural supports for roofs or other features.

The Phœnician Sphinx is from the Egyptian, altered and given wings with up-curved ends, similar to the Assyrian treatment of this curious figure.

The ornament is decidedly Egyptian, and to it the Phœnicians added the metal sheetings over the soft calcareous stone, and of all the animal creation human types alone were used as models for decorations.

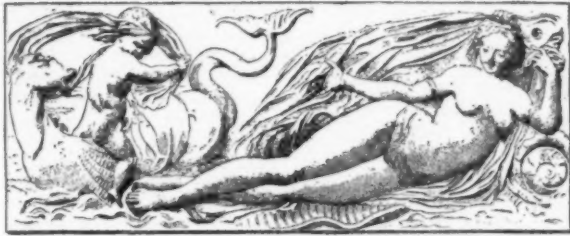
But as concerns sculpture, it is with the Cypriotes that a new life in the art begins; they represent life, expression, individuality, such as is not to be found among the works of earlier days. A freer treatment pervades every detail both in the features and drapery, the mouth is slightly turned up at the corners and the eyes are set slightly oblique, but these artificial means by which a more faithful expression of life was given are the key-note of Grecian sculpture.

[To be continued.]

¹ "Carthage and Her Remains."

² Borrowed from "Carthage and Her Remains." Davis.

³ Plan of this temple is given on page 104, No. 816, Vol. XXXIII, August 15, 1891.

FIVE FAMOUS DOMES.¹—II.

From the Fontaine des Innocents, Paris. From Havard's "Dictionnaire de l'Aménagement."

WE come now to a period in the history of domes, when, under the refining influence of the Renaissance, it becomes necessary to devise means by which the covering of vast spaces might be more economically accomplished. The revival of the Arts is intimately associated with the career of Filippo Brunelleschi, of Florence, who, more than eight centuries after the completion of Sta. Sofia, whilst on a visit to Rome, began to meditate upon the scheme of uniting by a grand cupola the great octagon of the Duomo at Florence, a project which till his time was considered almost impossible, for all knowledge of Arnolfo's intentions seems to have been lost within a century after his death; at least, in the accounts we have of the proceedings of the commission which resulted in the adoption of Brunelleschi's design for the dome, no reference is made to any original design as then existing. It was in 1407 (after having secretly prepared models and machines, showing how he proposed to erect the cupola) that Brunelleschi, before an assemblage of the most eminent architects of every nation (who had been gathered together to consider the various schemes proposed), described how impracticable were all these schemes that had been advocated. The only outcome of this learned discussion were propositions often impracticable, sometimes ridiculous, and always too costly. "A fine thing it was," says Vasari, "to hear the strange and various notions then propounded on the matter: for one said that columns must be raised from the ground up, and that on these they must turn the arches whereon the woodwork for supporting the weight must rest. Others affirmed that the vault must be turned in cysteolite or spongestone, thereby to diminish the weight; and several of the masters agreed in the opinion that a column must be raised in the centre, and the cupola raised in the form of a pavilion, like that of San Giovanni in Florence. Nay, there were not wanting those who maintained that it would be a good plan to fill the space with earth—(according to a popular saying cited by Baglioni, in the life of Giacomo della Porta, the cupola of the Pantheon was constructed in that manner). Brunelleschi alone declared that the cupola might be erected without so great a mass of woodwork, without a column in the centre, and without the mound of earth, at a much lighter expense than would be caused by so many arches, and very easily without any framework whatever. He advised that the edifice above the roof must be constructed, not after the design of Arnolfo, but that a frieze 15 braccia² high must be erected, with a large window in each of its sides. Since not only would this take the weight off the piers of the tribune, but would also permit the cupola itself to be more easily raised." It would, therefore, seem probable that Arnolfo intended to have sprung his dome at a lower level, perhaps not exhibiting externally its domical form. Brunelleschi's is, perhaps, a less beautiful covering, because it is raised so high as not to be seen (within the interior) at any natural angle of vision, nor to become a part of the general internal view of the building. The vast octagonal cupola or vault of S. Maria del Fiore was, perhaps, the first great example in which a weight extraneous to that of the dome itself had to be supported, and because its dimensions exceeded any that had been built up to that time. The success of executing such a vault was no doubt a great triumph, and it tended to greatly influence the character of the ecclesiastical architecture of the centuries that followed. It brought to perfection the art of covering vast expanses, and placed Brunelleschi in the ranks of the greatest architects. But, whilst admiring the genius of him who knew how to undertake and successfully accomplish so difficult a task, it would be unfair to attribute to one man or a particular period what was beyond doubt the work gradually accomplished by the tendencies and efforts of centuries. The claims of Brunelleschi's dome (Sta. Maria del Fiore) rest more on its size, its height, and its external beauty, than any novelty of development. What was really Brunelleschi's work and invention were the means he adopted in its execution, as well as the two almost concentric cupolas which distinguished his edifice. These two creations should add all the more to his glory as they subsequently became the subject of important imitations, whilst they inspired the builders of such important structures as the domes of St. Peter's at Rome and St. Paul's, London. Before the erection of the dome of S. Maria del Fiore, the Italians built their vaults of mixed materials on a block or centre supported generally by a scaffold rising from the ground upward; one still finds on the interior facing of several

ancient vaults some impressions of these centres, but in this case such a scheme was impracticable, and Brunelleschi knew how to substitute an improvement by means of which the ancient custom was considerably modified. To accomplish this improvement was one of the first objects of his studies, and became the means by which he obtained the confidence of those who understood and favored his theories; these theories (it is supposed) were based on this principle; i. e., that a cupola can always be divided into horizontal zones, and that even when its arched surface is horizontal instead of vertical, care can be taken to sustain the stress of each zone during the time necessary for its complete execution. Thus, platforms rising by degrees like the structure itself served to attain this object, whilst it was afterwards easy by means of braces or struts fixed on the projections of the cornices, or on the thickness of the wall itself, to support and complete these horizontal zones. Such was probably the basis on which Brunelleschi founded his dome. As to the two nearly concentric cupolas which constituted the second innovation, they are separated from each other by a space measuring about 4 feet 10½ inches. This precaution serves to protect from the wind and rain the inner shell and the paintings thereon. Walled relieving arches, cleverly disposed, establish between these two vaults a solidity which contributes much to their durability, and thanks to this wise combination Brunelleschi could at the same time make the parabolic shape necessitated by the huge dimensions of Arnolfo's church, the most dignified crowning point of this vast sanctuary as well as the crowning feature of its exterior decoration.

It is impossible to describe accurately the nature and arrangement of the exterior materials—they are covered, and it is only by comparing the description which Brunelleschi has left of his project with what we know of his construction, that we are able to familiarize ourselves with the details of this great work. The eight pilasters (or buttresses) raised in the angles of the drum receive the springing of as many ribs in stone, which occupy the thickness of the two vaults, as also the space dividing them; these same ribs extend to the base of the lantern, and project above the roof, where they are covered on the sides in marble. Each piece of the octagonal vault, moreover, is divided into three nearly equal parts by two walls, supported on the extrados by the interior cupola; these walls are of equal height at the distance which separates the two vaults, and they receive the springing of the transverse arches. These same walls form, in reality, sixteen extra buttresses, which, together with those at the angles, make twenty-four. Bays of small dimension, opening at different heights, establish a communication between the different subdivisions which result from all these walls, and a staircase leading to the lantern makes the communication easy.

If one adds to this ingenious system of construction those which served to carry the base of this vast cupola, which is formed almost entirely of brick on two courses of hard stone—its more weighty parts reduced by the admixture of a certain quantity of pumice stone, its spaces sustained by metallic braces, and its whole body girdled by a strong band of wood and iron—a pretty correct idea may be formed of the system of construction and the nature of the materials which served in its erection. The pillars and the buttresses of the lantern were judiciously built on the summit of the eight stone ribs, raised in the angles of the double cupola. Some settlements appeared in the dome soon after its erection, but it seems to have stood without any serious defect until the end of the seventeenth century, when several fractures appeared for the first time, or were then considerably increased. They are said to have extended through the whole thickness of the dome, and to have descended also through the tambour to the main arches, and thence in a clearly traced line down to the ground. It was therefore the opinion of some that the foundations only were in fault, whilst others considered that the dome had opened from lateral extension, thereby bursting open the tambour, etc., and they recommended that it should be encircled by iron ties to prevent further spread. Fontana was of this opinion, and his advice being adopted, three iron ties were prepared. However, before they were completed, the contrary opinion, advocated chiefly by Nelli, prevailed; the ties were not fixed, and the fractures were merely secured by dovetailed cramps. The present stability of the dome proves that this remedy was effectual. In concluding the record of this wonderful cupola, it only remains to add that it is 138 feet 6 inches diameter, and from the cornice of the drum to the eye of the dome the height is 133 feet 3 inches. Before it nothing had appeared with which it could fairly be put in comparison. In size it only yields to St. Peter's at Rome, for which it probably served as a model. It has been described by some as a piece of octagonal vaulting, which, though it chanced (from the lapse of a century) to be developed under the influence of the Renaissance, was designed as the completion of a Gothic structure, and its only serious fault is that it was not carried out with more perfectly Gothic details, for had they been made to harmonize more accurately with those of Arnolfo's structure, this work would have been perfect. Not only is Brunelleschi's dome erected on Gothic walls and arches, but its own section is a pointed arch, so that in all but its decorative features it is essentially a Gothic dome. The interesting records of the erection of this very constructive and magnificent dome, will hold a surer spell over the heart than many of the more triumphant chronicles of fame; they are of more material import to the appreciation of our great story than the many tales of self-development and self-construction which we have already surveyed through the dim religious light of nameless masters to the

¹ Paper read by Mr. F. W. Marks, A. R. I. B. A., at the Monthly Meeting of the Sydney (N. S. W.) Architectural Association, on Monday, July 6, 1891. Continued from No. 820, page 170.

² A braccia is a Florentine measure of about 23 English inches.

great moment when in spite of all the opposition that was offered Brunelleschi revealed himself, making Florence, Italy and all the world splendid with the sunrise of a new faculty, entirely congenial to all temperaments and desires.

Though founded in idea on the dome at Florence, that of St. Peter's at Rome differs from it in many very important and essential particulars. In the first place, while that at Florence is supported from the very floor upon an octagonal wall, pierced merely by comparatively narrow arches, that of St. Peter's is essentially a pendentive dome, rising from four colossal piers, which give it a square base, and unite with the four arms of the church by arches or rather vaults of large span. These arches, it is true, are not so wide as to reduce the pendentives which rise from between them to triangular forms, but are set so far apart as to leave a portion of the ideal circle between them, and to give the pendentives a horizontal base. This was necessary to give strength to the piers for the support of so gigantic a structure, but in no degree interferes with the pendentive character of the dome. Again, at Florence the octagonal wall rises to the very base of the dome, whilst at Rome the drum, from the pendentives upwards, is circular. At Florence it is pierced only by rather ungainly circular windows, whilst at Rome it is colonnaded within and without, and beautifully decorated within. At Florence the dome is of that doubtful character which has straight sides, carrying up the octagonal from the very top, while at Rome the dome is circular and perfect. Both are in some degree alike in construction, being double, with a space between. Thus the system of dome construction as existing in this and the Florentine dome was considered by some a method of obtaining strength by a clever arrangement of the material; much in the same way as we obtain it by casting a given amount of metal into a large hollow column, instead of a small solid one, but Brunelleschi's own description, as recorded by Vasari, seems to give us clearly his idea of the whole, and shows that his plan was to obtain the necessary strength by ribs, and not at all by the double vaulting. He states that the external vault is necessary in order to protect the inner one from the weather, and he directs that the latter, after it has been raised to a certain height, should be formed of the lightest materials that could be found, whilst the ribs were to be built up throughout of solid stone. It is therefore probable that Brunelleschi's idea was to construct these ribs so as to stiffen and complete the vault inside and out, leaving a hollow space between in order to lessen the weight as much as possible. The inside casing, both at Florence and at Rome, is made the thickest as it has to bear to some extent the strain of the ties. The great external defect of the dome of St. Peter's is its want of height. It is so encumbered by the surrounding buildings that its height, from near points of view, is in a great measure lost, from its being placed in the centre of a great flat roof, so that its lower part can nowhere be properly seen except at a distance, and it nowhere groups symmetrically with the rest of the architecture. The lengthening of the nave has added to this defect, but hardly to any considerable extent, as the ground falls too rapidly towards the Tiber to have allowed its base ever to be seen in front. Bramante's original design for the cupola of St. Peter's was an adaption of the Pantheon, ornamented with an order of columns on the exterior; the idea was closely followed, even to the steps round the springing of the dome. Therefore the idea which is attributed to Michael Angelo of placing the dome of the Pantheon upon the vaulting of the Temple of Peace (now known as the Basilica of Maxentius) emanated from Bramante, but still to Michael Angelo is due the credit of having executed this project; but still he aimed at more. It was not the dome alone, but the whole structure of the Pantheon, which (in a figure of speech) he thus raised upon a square substructure open on all sides to view from other parts of the interior, and thus he raised on his pendentives what may be compared to the circular wall of the Pantheon, and on that the dome. This, however, was not all he did, for over the eye of the dome (as of the Pantheon) he raised another structure, a domed rotunda through whose windows the light penetrates into the dome. Had Bramante lived, he could not possibly have executed the design he produced; for it has been proved that the piers would not have carried his dome, which would have been so much heavier than that executed by Michael Angelo. Even that architect had to make the piers for his cupola three times as heavy as those proposed by Bramante. On the 18th of April, 1506, the first stone of the new fabric was laid by Pope Julius III, in the pier of the dome known as Sta. Veronica. The four piers soon rose, and the centres were prepared for connecting them by vaults, which were actually turned, when it was discovered by the cracks and fissures which appeared in every direction and so bent the piers, that even without more than their own weight, much less that of the cupola, the work threatened to become a ruin. Unusual haste had doubtless contributed to this catastrophe. From the death of Bramante in 1513, to 1546, Raffaele, Giocondo, and Giuliano di San Gallo, and afterwards Baldassare Peruzzi and Antonio San Gallo were engaged on the edifice, and severally tried to find a means for remedying the many defects that had arisen from time to time, and for strengthening the great piers of the dome. It was to Michael Angelo, who was already advanced in years, that this work was finally entrusted; and although at first he was unwilling to undertake so great a task, the remainder of that great man's life was devoted to carrying out his designs. As proof of his earnestness of purpose, and in order to silence the envy to which he was exposed, he began by declining to accept the salary of six hundred crowns per

annum attached to his appointment, and gratuitously superintended the works during the period of seventeen years. His first step was to undo what his predecessor, San Gallo, had executed, and he proceeded to such a point that no change could possibly be made in his plans, so that at the death of Paul III, in 1549, his design was unalterably fixed. Under Julius III, the successor to Paul, the intrigues against Michael Angelo were renewed; but in spite of all opposition he pursued his course, determined to maintain his ground and keep his post while life remained, deeming it his duty to establish his design beyond the possibility of a change. It is impossible not to feel sympathy nor to be unaffected by the simple and unbending honesty of this old man, bowed down by the weight of years, yet pursuing steadily in the face of envious detractors that which he deemed he owed to his God. At the age of eighty-seven, the pedestal being then ready for the reception of the cupola, Michael Angelo made a small model in clay for that important feature of his work, which was afterwards under his direction accurately executed in wood; but deficiencies in the funds prevented the progress of the building. To the height of upwards of 28 feet above the exterior attic, the cupola is in one solid vault, whose diameter is 139 feet at its springing, at which part its thickness is near 10 feet, exclusive of the ribs. As the inner and outer vaults are not concentric, the interval between them increases as they rise. Where they receive the lantern they are 10 feet 7 inches apart. This cupola differs from that of Brunelleschi by being circular instead of octagonal on plan; but like it, it is formed of sixteen ribs united together by a double casing, the outer about 2 feet 10 inches thick in the centre, and the inner 6 feet thick. It stands on a tambour without abutment at the springing; but a little below, it is so encircled by a peristyle, not however of mass enough to act in any great degree as a buttress to counteract the spread of the dome; and at the top of all is a heavy lantern. The dome is built of brickwork. Four ties were first inserted at different heights, these proved ineffectual, the dome becoming very much fractured, and in 1743 two others were added encircling the tambour and peristyle below the springing. The next year three others were added round the exterior of the dome; one near the top, a second half-way down, and the third at the foot. In 1748 another tie was put round it, at some distance above the springing; and from what accounts I can gather together, this appears to be the last addition; the dome having appeared to be secure since that time. After the death of Michael Angelo this cupola with its lantern was rigorously executed upon the model he had left, by Jacopo della Porta and Domenico Fontana. His intentions were religiously respected in the completion of the fabric, until the time of Pirro Ligorio, whom Pius IV, deprived of his situation for attempting to swerve from the model and substitute his own work.

Bernini, under Pope Urban VIII, attempted the spoliation of Michael Angelo's cupola by adding to it a spire; which was obliged to be demolished, from the dangerous cracks and settlements that it occasioned. Nearly every subsequent dome of any magnitude seems to have been founded more or less upon St. Peter's; and so far as I can judge, our own St. Paul's is the noblest of them all. St. Paul's is subject to considerable variations, the objects of which are threefold: First, to render it more conspicuous externally, especially from near points of view; second, to avoid disproportionate internal height, which was the more desirable from the smaller size of the openings through which the interior is viewed; and third, a desire to substitute eight arches and pendentives for the four at St. Peter's. The two former motives acting together led to the greatest peculiarity which this dome possesses, viz, it being in fact two domes, one to be seen internally, and the other externally, with the consequent necessity of providing some independent means for the support of the culminating lantern. In this case, the proportions of the interior and exterior are alike, each having two of its own diameters from the base to the top of the dome. The external height is consequently equal in proportion to that of St. Peter's, while its internal height is half a diameter less. We have seen how at Florence and at St. Peter's the domes consist of a double shell, connected at intervals by ribs, a very excellent method of supporting a lantern, when necessity demands so difficult a piece of construction, as its direct support by the dome itself. The space, however, which Sir Christopher Wren left between his external and internal domes, rendered this constructional effort needless. He accordingly provided for the load on the apex, by a mere cone of brick, intervening between his domes, giving it a threefold structure; a dome proper within, forming the covering of the church below; a cone of brick above this, carrying the lantern; and a dome of timber over that to give comeliness to the exterior, and to serve as its roof. This rather complicated expedient has been very differently dealt with by critics; some have admired it as an original effort of genius, while others have denounced it as artificial and false. It is certainly the fashion for most critics to condemn what is called the sham construction of the dome, yet there is a great deal to be advocated in its favor. In the first place the question arises, Whether the chains which are inserted in the cone and the inner dome are essentially necessary to its present stability?—or were they only wise precautions, adopted in the too certain event of decay or decomposition of the edifice? It is in this respect that the work of Sir Christopher Wren, though it may strike some critics as being faulty in design, for scientific construction stands without a rival. In principle, its originality is questioned by a certain eminent critic, who declares that the same construction had been adopted, centuries before at

St. Mark's, Venice. In this case, it is true that the external dome, the lantern, and its supports are all of timber. This, however, does not alter the principle in the least, for we have the threefold structure, the dome proper, the supports of the lantern, and the external dome just as at St. Paul's. In more recent structures iron supports for the lantern have been substituted for the brick cone, making it resemble more closely the type of St. Mark's. Secondly, with this mediæval precedent before us, we are perhaps fastidious in considering this expedient artificial. There are numerous examples of double coverings to our ancient churches, the vault to be seen within and the roof without. This is what Wren has done; all that is against him is that his roof is domical, and suggests to the observer that he sees the same within, a mere bagatelle, after all, and amply atoned for by the fact that you gain by it the power of giving due height both within and without, and avoid the difficulty and danger of supporting a massive structure of stone (reputed to be of the enormous weight of 700 tons) upon the apex of a dome. The dome of St. Paul's is externally more successful than any other. Internally, it is good from the supporting arches upwards, but suffers by reason of the irrational system of its decoration. Commencing with the foundation of the vaults, the cupola may be described as rising from a square basement of 190 feet, of which the solid parts are more than equal to the vacant spaces, and their thickness upwards of 20 feet. The dome is 145 feet in outward diameter, and 108 feet inward diameter. Twenty feet above the roof of the church is a circular range of thirty-two columns, every fourth intercolumniation being filled with masonry so disposed as to form an ornamental niche or recess; by which arrangement the projecting buttresses of the cupola are concealed. These, which form a peristyle of the composite order, with an unbroken entablature, enclose the interior order. They support a handsome gallery adorned with a balustrade. Above these columns is a range of pilasters with windows between them forming an Attic order, and on these the great dome stands. The podium and order just described, which together form the drum of the cupola, incline inwards as they rise, and it is worthy of remark that their bearing is solely on the great arches and their piers, without any false bearing on the pendentives, a precaution, says Mr. Gwilt, which evinces great judgment. A plinth over the order receives the inner dome, which is of brick plastered. The dome is pierced with an eye in its vertex, through which a vista is carried up to the small dome in which the great cone terminates. Mr. Gwilt in proceeding expresses his admiration of the interior cone of the dome; he says, "among the most elegant applications of science ever perhaps introduced into a building is the conical wall, between the inner and outer domes, upon which the stone lantern of enormous weight is supported." Another authority says in praise of this effort of a master mind, that "when we look at the lantern of St. Paul's, proportionally larger than St. Peter's, standing with absolute safety upon that thin cone of 18 inches, with the equally thin dome below, and compare them with the huge mass of masonry in St. Peter's and St. Maria del Fiore at Florence, I cannot help pronouncing in favor of what every one admits to be the grandest dome externally, and which is certainly managed in the most scientific way." Between the inner and outer dome are stairs which ascend to the lantern. With the object of giving additional strength to the wall supporting the dome, Wren inserted a strong iron chain in a channel in the stone. The author of *Parentalia* says, in describing it, "Although the dome wants no abutment, yet for greater caution it is hooped with iron in this manner. A channel is cut in the bandage of Portland stone, in which is laid a double chain of iron weighing 95 cwt. 3 qrs. 23 lbs. strongly linked together at every 10 feet and the whole channel is filled in with lead." "The using of this chain, as Mr. Gwilt says, has been objected to as breaking through one of Wren's own maxims, namely, that such a way of tying walls together, instead of making them of that substance and form that they shall naturally poise themselves upon their own abutments, is against the rules of good architecture. In this case, however, with all the knowledge of historic failures fresh in his mind, extra caution may be pardoned, but at the same time it is doubtful whether the great weight of the chain does not render the thrust of the cupola more directly perpendicular than it otherwise would be. The inner dome is built of brick, of two bricks thick, but as it rises every five feet high, has a course of excellent brick of eighteen inches long, banding through the whole thickness. Wren seems to have been forced by public opinion to raise the outer dome to a greater height than the cupola would gracefully allow within, though it is considerably above the roof of the church, and consequently had to devise some means for its support. The old church had before a very lofty spire of timber and lead, the world expected that the new work should not in this respect fall short of the old. He was therefore obliged to comply with the humor of the age, and to raise another structure over the first cupola, and this was the cone of brick before referred to so built as to support the elegant stone lantern, ending in ornaments of copper gilt." He then says: "As the whole church above the vault is covered with a substantial oaken roof and lead (for no other covering is so durable in our climate), so he covered and hid out of sight the brick cone with another cupola of timber and lead. St. Peter's dome is covered with lead, and, although made of bricks instead of wood, in the matter of sham construction has no visible superiority over St. Paul's." Mr. Gwilt, whose admiration of the double dome has already been stated, says, "But however admirable the science which directed the use of the expedient, it has induced two defects

which are scarcely pardonable. The first of these is that the exterior dome, which consists of a system of timber framing of king-posts supporting hammer-beams, the ends of which tail on to corbels worked into the cone, must necessarily decay within a comparatively short period, should even the carelessness of plumbers spare it. The other defect is the immense waste of section which it has caused, and the consequent great loss of interior effect sustained." The method in which the exterior dome of St. Paul's is framed is perhaps best described by Mr. Gwilt in his encyclopædia. He says, "On the cone is supported the timber work which carries the external dome, whose hammer-beams are tied into corbels with iron clamps, which are well bedded into the corbels with lead and bolted to the hammer-beams." The stairs which lead to the Golden Gallery on the top of the dome are carried between the trusses of the roof. The dome is boarded from the base upwards, hence the ribs are fixed horizontally at near distances to each other. The scantling of the curved rib of the truss is 10 inches by 11½ inches at the bottom and 6 inches by 6 inches at the top. The sides of the dome are segments of circles. Above the dome rises the lantern of Portland stone, about 21 feet in diameter and 64 feet high, standing on the cone. The whole of this construction is manifest from the figure which exhibits the inner and outer domes with the cone between them. The combination is altogether an admirable example of the mathematical skill and judgment of Sir Christopher Wren, and if the architect had found co-operation in the sculptor and painter, the St. Paul's of London would have yielded to the Roman St. Peter's only in size.

BEBENHAUSEN.



THE Carthusian Monastery, Bebenhausen, lies a few miles north of the old university town of Tübingen, in Wurtemberg, Germany. It is now the property of the Crown of Wurtemberg.

The buildings are arranged in the usual manner prescribed by the laws governing the order. There is a quadrangular court-yard, surrounded by cloisters; behind and over these are the dormitories, refectories, chapter-halls, etc., and the church. The latter, originally built with round arches, was remodelled and many of the arches changed to pointed in the fourteenth century, or about that time. Some of the windows were changed and are filled with Gothic tracery.

In the beginning of the fifteenth century one Brother George, of Salmansweiler, built the tower-like *flèche* shown in the view of the church. The Carthusians were by their laws forbidden to build towers to their churches, and were limited primarily to a simple *flèche*. When in 1407 the Abbot of Bebenhausen determined on erecting an ornament over the intersection of the nave and transepts of his church, the architect-monk hit upon the ingenious plan, which, as appears from the view given, enabled him to produce a unique tower and spire, at the same time keeping within the limits prescribed by his order. He constructed his *flèche*, namely, as follows: on a central octagonal tower about forty feet high he placed an open-work octagonal pyramid of about the same height, surmounted

by a very beautiful finial. Around this tower, and at each corner, he erected buttresses, standing away from the tower, crowned with finials, and connected with the tower by delicate flying-buttresses. They serve merely as ornaments, and do not hold up anything. Gargoyles and finials and tracery were not spared, and the worthy abbot graced his monastery with the most unique small spire in Germany. There is no other like it, and it has always been admired for its grace and beauty, and its excellence of workmanship. It is built of fine sandstone. The dimensions are (very closely) as follows: extreme outer diameter 8 metres; diameter of inner tower 4 metres; extreme height above roof 27 metres; above floor of church 43 metres.

At the same time, the same architect built the east window of the church, which is also shown on the view. It is about 11 metres high and 4.5 metres wide, and is famed in Germany for its rich tracery. The upper part is filled with very beautiful old glass, in which, on blue and red ground, conventional flowers and leaves appear; between the arms of the cross, on diapered ground, are four coats-of-arms. The effect is beautiful, and the whole monastery well worthy of a visit.

The spire and window are well illustrated in Heidehoff's "*Schwäbische Denkmale*," and in particular in a monograph published by the Württemberg Society for the Preservation of Antiquities.

THE SOUTH KENSINGTON COMPETITION.



Liquor Case. From Havard's "*Dictionnaire de l'Ameublement*."

which is appropriate to the site and its surroundings. To attempt anything which would exactly run with the somewhat ponderous lump of the Science block, would, we think, have been a mistake, and this Mr. Webb has avoided. But, on the other hand, to design something which would have distinct individuality and hold its own in the immediate neighborhood of the Natural History Museum with its great pavilion blocks, the Oratory with its dome and fine west front (that is to be), the Imperial Institute with its lofty tower, and the great Albert Hall, was a problem requiring some thought.

It will be seen at once from our illustration that the author of the winning design has successfully dealt with the situation, and by means of his five domed pavilions and massive tower with flanking minarets has provided features which will hold their own, notwithstanding the variety of architectural features by which they are surrounded. The two immense frontages of some 600 feet and 400 feet, respectively, are made to look their full length, and do not lose their effect by the interposition of vertical features. In the whole treatment we find strength, balance, richness, and variety in striking combination, and Mr. Webb is certainly to be congratulated on the result. We may well venture to question if he could have done so well without his previous experience in actual building, and may imagine that we note the result of that experience in real building operations which brings the needful restraint and sobriety into his design such as the student in his fancy flights is so apt to overlook.

The critical may possibly say that more original designs could be found, something which would be more of a distinct departure from existent former works. Perhaps so, but herein lies one of the good qualities of the design to our mind. The composition is a direct result of continuous nineteenth-century thought, and the product of our Gothic and Renaissance revivals, and of our much-reviled "Victorian" architecture. Without our studies from Italy and Spain, and without the essays in modern design such as we see around us, it is hardly likely such a design as this would have come about, and good or bad, it is a representative type of nineteenth-century education. We do not nowadays choose to bind ourselves to "orders" and "modules." We can take a tower from Spain, a campanile from Italy, and a dome from Constantinople, and so combine them with some definite quality in one design that they shall look homogeneous and dignified. We do not admit it necessary to have dullness with dignity, triviality with picturesqueness, or tawdriness with richness; we attempt to combine these better qualities without the bad ones. We are eclectic, but we are not unmindful of character; we think of the past and its traditions, but we wish to be progressive and to work to modern requirements.

All this might be said by the author of the design we publish to-day, and it represents the best amongst our modern architectural efforts. Designs of greater originality are not wanting, and they are

very helpful to us all—we are proud of many very clever workers in our profession—but for one of the crowning examples of nineteenth-century architecture we are well content that this great South Kensington Museum has gone into such able and experienced hands, and we shall await the outcome in actual building, with all the possibilities of improvement and development in detail, with feelings of pleasurable anticipation. — *British Architect*.

PIETRO ROSA, ARCHITECT.



XVI Century Clothes-press. From Havard's "*Dictionnaire de l'Ameublement*."

ARCHAEOLOGY has been so conspicuous in your columns lately that a return to it could only be justified by an event of capital importance, and that event is the decease of one of its very greatest representatives, the Senator Pietro Rosa. He died on the scene of his grandest achievement, the Palatine Hill, in the house built for him by Napoleon III more than twenty years ago, when, at the instance of the Emperor, he undertook the excavation of the birthplace of the Eternal City.

Born November 10, 1810, in Rome, of a distinguished family, which, among its scions, could point to the artist and man of letters, Salvator Rosa, he gave early indications of special genius at the Academy of St. Luke, where he carried off prize upon prize, and was, in consequence, while still a youth, voted an Honorary Fellow. He worked for some time in the studio of the great Canina, and thereafter became domiciled with the Borghese family, at whose instance he rearranged their celebrated gallery, and made both their villa and palace the perennial resort of the archaeologist and the artistudent from every clime.

In his thirty-seventh year, Pius IX's short-lived incursion into Liberalism found an enthusiastic auxiliary in the now-famous architect and connoisseur, who for a time abandoned his studies to organize the civic battalion of the Campus Martius. But Radetsky's advance on Ferrara was too much for the vacillating pontiff, and the Liberal cause had to cave in for a season, till in 1849 the triumvirate of Mazzini, Saffi and Avezzana took the place of the fugitive Pius, and presently had to defend itself against the expeditionary force sent by Republican France to suppress it. Again Rosa came to the front, working as Michael Angelo did at the siege of Florence, and not only designed the fortifications, but took a soldier's part in manning them. He shared in the victory of Garibaldi on the 30th of April, and also in the collapse of the triumvirate a few weeks after it, losing the patronage of the Borghesi and coming so pointedly under the censure of the reinstated Pope that he had to go into hiding in a secluded vineyard near the catacombs of St. Sebastian, on the Appian Way.

In this retreat he resumed his studies, setting himself to trace the grass-grown highway and its sepulchral monuments, and crowning his work with a singularly accurate and detailed plan of it between Rome and Albano. This, with the relative letterpress, found special favor with the German Archaeological Institute, and stimulated him to extend his studies in the Alban territory, so as to include the magnificent villa created by Pompey, and afterward extended by the Cæsars on the left side of the Appian. Then, too,

he began the unique work — unfortunately, never completed — the topographico-archæological map of Latium, which, even in its unfinished state, is the admiration of every scholar who has had access to the library whose walls it adorns. Special results of this study, however, are now the common possession of cultured humanity — his identification of the site of the Temple of Diana on Lake Nemi, that of the battlefield on the Allia, and even his elaborate indication of Horace's villa near Rocca Giovine, though this has had its plausibility lessened by the masterly vindication of the older site on the Digentia by that able Dublin scholar, the Right Hon. J. A. Lawson.

About the years 1863-4-5, the Emperor Napoleon, for dynastic reasons, undertook his "*Life of Julius Cæsar*," and of the many savants whom he pressed into his service, Pietro Rosa was among the first. Having purchased for a very large sum the Farnesian Gardens on the Palatine, he entrusted Rosa with the excavation of them, in the hope, destined to be so brilliantly justified, that the palace, or rather palaces, of the Cæsars would at length be brought to light. Having built a house for him on the hill itself, just fronting the Basilica of Constantine, the Emperor wisely left him uncontrolled as to action and practically unlimited as to funds, and in a few years the results evoked the admiration of even the German Institute in the capital — the most formidable and not always the most amiable tribunal to which the Italian or French archaeologists could appeal.

It is to Rosa that the scholarly as well as the unlettered tourist is now indebted for whatever of distinctness he carries away with him in his impression of the Palatine, and, though controversy has arisen, and will never probably be laid, as to the absolute certainty of some of Rosa's "identifications," it is safe to say that those suggested in their place are much more vulnerable at the hands of criticism. Unfortunately, the events of 1870 put it out of the Emperor's power to assist Rosa toward the completion of his work. The Palatine had to be ceded to the Italian kingdom, and, though Victor Emanuel's ministers wisely retained the veteran excavator at his post, they have never been able to keep him in funds sufficient for the prosecution of his operations. As if to compensate for his restriction as to means, the Italian Government increased the area of his nominal activity, making him superintendent of the (contemplated) excavations not only of the Palatine, but of the whole Pontifical territory, including Ostia, on the Latin shore, the villa of Hadrian and the Roman Forum itself. The little he has been able to do in those fields is now known, through innumerable guide-books, to every tourist — that little, as in the case of the Colosseum, amounting only to an indication of what might be done if the Government could spare from the Budget of Public Instruction an adequate allowance for carrying it to completion.

Of late years Rosa has been in the background — enjoying the honorary post of "Inspector-General of Antiquities and the Fine Arts" — while the active work of excavation, such as it is, has been admirably done by Fiorelli and Lanciani, the former eminent for his brilliant operations at Pompeii, the latter famous for bringing to light the House of the Vestals, to say nothing of other scarcely less admirable monuments of sagacity, scholarship and perseverance. Neither of those distinguished men have reason to be other than proud of their predecessor, acknowledged, as he is by archaeologists of every school, to have laid their common "mystery" under the deepest obligation. To the stranger in Rome, few more interesting sights met the eye than that of the veteran excavator guiding some royal or patrician or world-famous guest over the undulations or through the labyrinth of the Palatine, explaining to them the structures he had brought to light, and dwelling wistfully on those he knew to lie beneath the surface, whose discovery, however, was destined for other hands. That sight had recently become rarer and rarer, till

"One morn we missed him on the 'customed hill.'"

Perhaps no Italian of this century possessed as many honors, decorations and marks of respect as Pietro Rosa; from St. Petersburg to Madrid, from Berlin and Vienna to Rio Janeiro, to say nothing of the literary and scientific bodies of his native land, the insignia of royal esteem or of learned and artistic admiration, came to him in showers. His funeral, the day after his death, was attended by all that was most distinguished or estimable in Rome, and "he now rests from his labors" in the Campo Verano, on the fringe of that Campagna whose past he did so much to disclose. — *Florence Letter to the Edinburgh Scotsman.*

TELEPHONE SERVICE BETWEEN LONDON AND PARIS. — The charge for a conversation between London and Paris is 8s. for three minutes' complete use of the wire. The demand for the wire is very considerable. The average number of talks per day, exclusive of Sunday, is 86. The maximum has been 108. We have had as many calls as 19 per hour — the average is 15 during the busy hours of the day. As an instance of what can be done, 150 words per minute have been dictated in Paris and transcribed in London by shorthand writing. Thus in three minutes 450 words were recorded, which at 8s. cost five words for a penny. — *Engineering.*

THE REJECTED STATUE.



Hall Settee. From Havard's "*Dictionnaire de l'Ameublement*."

SO many versions have appeared of the causes of the dispute over the statue of Mary Queen of Scots, which M. Ringel d'Illzach executed for the Duchess de Pomar (who is also Countess of Caithness), the editor of *Le Temps*, resolved to obtain information which would present opposite views of the case, and accordingly the sculptor and the Duchess were interviewed.

Some months previous to the opening of this year's *Salon*, said M. Ringel to the correspondent of *Le Temps*, the Duchess of Pomar came to see me, and informed me of her intention to present a statue of Marie Stuart to the city of Paris. I was asked if I would undertake the execution of the work, on the conditions that I was not to expect payment unless the statue was considered to be worthy of erection in a public place of the city, that the model was to be prepared as quickly as possible and according to instructions to be given by the Duchess, that it was to be exhibited in the *Salon*, and that the marble statue was to be completed by December, 1892. I accepted the conditions. It became necessary, before commencing, to be informed of the ideas of the Duchess, and it was with difficulty an understanding was arrived at. In the first place, I was informed that the Duchess considered Marie Stuart to be superior to Joan of Arc as the tutelary spirit of France, and therefore I was to represent the Queen in the pose of the "génie de la Bastille." She was to have wings, with a star on her forehead, not necessarily of real diamonds, to be standing on one foot, with one leg in the air, the arms were to be stretched in front, and the drapery was to be a simple chemise, which was to fall in graceful lines. After long discussions I was able to persuade the Duchess that it was better to represent Marie Stuart as a Queen than as an allegoric spirit of the Bastille.

Having come to an agreement on one point, I made it my business to seek for portraits of Marie Stuart in the Louvre, and I was permitted to make a model of the face of the Queen after an authentic medal. I next set about the figure. When the model was completed I wrote to the Duchess requesting the favor of a visit in order to obtain her opinion of my work; but I was informed by letter that such a visit was impossible, owing to some difficulty on account of the coachman. I then made a sketch in bronze and sent it to the Duchess. It was declared to be "adorable," and I was asked to obtain a dozen photographs of it, which were to be distributed among her friends. The bronze I had offered, I was informed, was to be preserved as a treasure.

In accordance with the arrangements, I exhibited the statue of Marie Stuart in the *Salon* of the Champ de Mars. When the Duchess saw it she no longer expressed the admiration she felt on receiving the statuette. In fact, it seemed as if she could not find words sufficiently abusive for my work. The statue was said to be atrocious; it was described as having no resemblance to Marie Stuart — the body was like that of a scared duck and the robe was a coverlet. When I informed the Duchess that I had reproduced the features of Marie Stuart from a veritable portrait in the Louvre, she became very angry. "You believe," she said, "what history relates about Marie Stuart. But you are not aware that in every feature I resemble Marie Stuart. If you desire to realize her face you have only to contemplate mine." I then comprehended, for the first time, that what the Duchess of Pomar wished was that I should have produced her portrait.

In spite, however, of this recrimination the Duchess decided upon offering the statue to the city of Paris. This caused much embarrassment to the Council. The statue was admired, and it was accepted as a work that was historic and decorative, but it was considered that a figure of a woman who had been Queen of France and

Scotland would now be inapposite in one of the public places of the city. It was found, too, that a statue could not be erected in a public place without the authority of the Government. Application was accordingly made, and, as a result, a site was offered in the Jardin de l'Infante, which lies between the Louvre and the Seine.

M. Armand Renaud (the director of the Fine Art Department of the Municipality) waited on the Duchess to thank her for the statue on behalf of the Municipal Council, and to inform her about the site which had been assigned for the work by the Government. The Duchess informed M. Renaud that if the statue was not set up in the place she had selected she would withdraw her offer and present the figure to the city of Edinburgh. After a time, however, the Duchess agreed to the site proposed by the Government, but on condition that she was accorded an apartment in the Louvre. I duly informed the authorities of the new proposal, but it was not accepted. The Duchess subsequently decided that she would not present the statue either to Paris or to Edinburgh, and, on the other hand, the action of the Duchess has caused the Municipal Council of Paris to decline the gift.

Such is the state of the affair. What is to be the fate of my statue, and whether it will be necessary to commence an action against the Duchess for payment, are questions for the future.

A correspondent of the *Temps* was also able to meet the Duchess de Pomar at Vichy and to obtain her view of the case. The correspondent having asked whether the Duchess still wished to present the city of Paris with the statue of Marie Stuart, "Certainly," replied the Duchess, "I have never said otherwise. I hold, however, to my stipulation that the statue should be erected at the intersection of the Rue Bremon tier, Avenue Wagram and Boulevard Ampère, that is to say, on a small spot beside my own house." The correspondent having informed the Duchess that M. Ringel had stated that she had consented on one condition to the erection of the statue in the Jardin, she laughed and said, "That was in joke, and expressed my desire to be able to see the statue from my own rooms, but I hope no one will take such stories seriously. Besides, it was my intention to have offered a statue of Marie Antoinette for the garden where it was proposed to place that of Marie Stuart. All the difficulties have come from the Municipal Council. I have had interviews with M. Yves Guyot, Minister of Public Works; M. Alphand, and M. Level, the maire of my arrondissement, and these gentlemen have formally declared that they were all disposed to accept my offer."

In reply to another question, the Duchess explained that she was introduced to M. Ringel by her architect. "I proposed to him," she said, "to make for me a statue of Marie Stuart, and he agreed. Then we debated about the conditions. When they were arranged, I sent him a photograph of the figure on the tomb of the Queen in Westminster Abbey, which must have been a good portrait, since it was made by order of her son, James I. I have never expressed any desire about a spirit of the Bastille. What I sought was a Marie Stuart that would be simple, yet dignified, and clad in such a robe as was worn by the Queen on her way to execution, and otherwise to be treated in conformity with the photograph I had sent."

The Duchess admitted that she was delighted with the statuette, and in fact had ordered a dozen copies of it for presentation to the Municipal Council. On being asked to account for the change in her estimate of the work when it was exhibited, the Duchess said:—"The reason was it in no way resembled the sketch which had been sent to me. The robe was replaced by a sort of coverlet (*édredon*) adorned with fleurs-de-lis and bands, and in place of a crucifix the hands held a mirror. Who ever saw a queen walking to the scaffold and admiring herself in a glass like a coquette? It is contrary to common-sense and to history. Moreover, the statue might be said to represent a pretty woman of twenty; it bore no resemblance to the features of the unfortunate Queen. I must admit, however, that M. Ringel was commanded to remove the cross from the hands of Marie Stuart, which is extraordinary, for history is history, but he could have substituted a prayer-book instead of the mirror. In fact, M. Ringel made the statuette for me, but the fantastic statue that was seen in the Champ de Mars must have been for himself. That is why my admiration was given to one work and not to the other."

— *The Architect.*



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

HOUSE OF GEORGE O. SHATTUCK, ESQ., BEACON ST., BOSTON, MASS.
MESSRS. CABOT & CHANDLER, ARCHITECTS, BOSTON, MASS.

[Gelatine Print issued with the Imperial and International Editions only.]

THE CHAMBER OF COMMERCE, PORTLAND, OREGON. MR. I.
HODGSON, JR., ARCHITECT, PORTLAND, OREGON.

TOWER OF THE SAME.

MAIN ENTRANCE OF THE SAME.

HOUSE OF AMBROSE WOOD, ESQ., STATEN ISLAND, N. Y. MESSRS.
BLOCK & BARNES, ARCHITECTS, ROCHESTER, N. Y.

PUBLIC LIBRARY, NEW LONDON, CONN. MESSRS. SHEPLEY,
RUTAN & COOLIDGE, ARCHITECTS, BOSTON, MASS.

[Additional Illustrations in the International Edition.]

IRONWORK FROM PALACES IN SIENNA, ITALY.

This plate is copied from *Zeitschrift für bildende Kunst*.

ACCEPTED DESIGN FOR THE COMPLETION OF THE SOUTH KEN-
SINGTON MUSEUM. MR. ASTON WEBB, ARCHITECT.

COMPETITIVE DESIGN FOR THE COMPLETION OF SOUTH KEN-
SINGTON MUSEUM. MR. WILLIAM YOUNG, ARCHITECT.

SPIRES AND TOWERS OF SOME OF SIR CHRISTOPHER WREN'S
CHURCHES IN LONDON.

This plate is reproduced from *Specialties*.

EXETER CATHEDRAL.

NO cathedral affords a more remarkable illustration than Exeter of the variety and individuality of the architecture of our English cathedrals, in spite of the generally uniform theory of plan, and of the prevalence of the same character of mouldings and decorative detail everywhere at the same dates. No two of them produce the same impression, each has its own especial character and feeling, and nowhere is this more characteristically marked than at Exeter.

Four special points in it must strike every one who studies its architecture critically: First, the remarkable and unusual position of the towers. A large central tower and smaller west end towers is the normal scheme of an English cathedral; here alone (among the cathedrals) we find the central tower dispensed with, and twin towers built at the extremities of the two transepts. Secondly—a point which, however, is almost suggested by the position of the towers—we observe the absence of the prominence usually given to the crossing, with its comparatively massive piers and four great arches dividing the nave architecturally from the choir. Here, there being no central tower to carry, the extra mass of pier is dispensed with, the great arches do not interpose, and the vault is seen as an almost unbroken vista from end to end. Thirdly, the equal length of the nave and choir, equal, also, in their number of bays—a very unusual feature either in a cathedral or any other mediæval church. The fourth characteristic is to be rather felt than defined—a peculiar modulus of design pervading the building, exhibited mainly in the rather low and wide proportions of the openings, the windows especially. The vertical jamb is remarkably short in proportion to the span of the arch in most of the windows, and the prevalence of this short and wide proportion gives a character of breadth, dignity and spaciousness to the *ensemble* of the building; its expression is less aspiring than in some other cathedrals, but, on the other hand, more full of breadth and repose, and remarkable for the flood of light with which the wide windows fill it everywhere.

Like others of our cathedrals, Exeter stands on a Saxon site, as is known by tradition and something of a vague kind of historical evidence, quite in keeping with probability, and, therefore, to be accepted, though no stone of the Saxon fabric is known to remain. The founder of the existing church was (as usual) a Norman bishop, William Warelwast, who commenced his work in 1112, considerably later, therefore, than many of our Norman churches, as, in fact, the style of the original portion of the tower would in itself testify, the interlacing arches of the wall-arcade half-way up the tower especially.

These two towers now represent the Norman church, to sight, at least, though it is probable that a considerable amount of Norman work is encased in the later alterations. The peculiar position occupied by these towers gave rise to a theory at one time that they were the western towers of the original church, which had extended eastward only from this point, a theory which was fully disposed of by the late Archdeacon Freeman in his sketch of the history of the cathedral. His remarks on this point are worth quoting:

"By putting together such evidences as remain, we may form some idea how far the plan was carried out in the earlier or purely Norman period. The towers speak plainly for themselves. Eastward from them, at a point near the end of the third bay in that direction, apsidal terminations, traces of which have been found lately,¹ mark the extent of the Norman choir. Westward of the towers, the lower courses of the Norman work are visible still, from the north tower as far as the north porch. The thickness of the

¹The two lectures on which the Archdeacon's "History" was founded were delivered in 1871.

great western wall also accords with this date. On the interior face of both north and south walls of the nave aisles, disturbances of masonry occurring at regular intervals indicate the position of a series of Norman pilasters, the base of one of them having been recently found *in situ* beneath the stone seat. Outside, and corresponding to the position of each several pilaster, may be observed either flat buttresses of Norman form and masonry, or else traces of their removal. These remains, linking together the obviously Norman towers and the massive west wall, point to the conclusion that the Norman cathedral, as Marshall¹ found it, included the entire nave. Thus, what was completed in the true Norman or round-arched period would seem to have been the towers; the choir of three bays, with its apse and aisles; and (probably) apsidal chapels east of the towers and north and south of the central apse, and the nave, with its aisles. All the windows were, no doubt, like those in the transept, of a single light, the doors, perhaps, enriched with Norman mouldings [Norman ornament, the writer probably meant]. But the general aspect must have been as at Chichester, stern and heavy; the roofing probably as at Peterborough, of wood, flat and panelled."

Bishop Marshall extended the choir eastward and built the Lady Chapel at the close of the twelfth century, and the building was then a Norman and Transitional cathedral. The Chapter-house, under Bishop Bruere, in the first half of the thirteenth century, was the next important addition. A sketch of its doorway has been supplied to us by Mr. Greenslade, to whom we are also indebted for the sketch of the Transitional doorway on the south side of the nave, near the crossing, which, in fact, was the doorway into the cloister, preserved amid the later alterations to the nave. Carter's plan, on which this is founded, shows the south cloister walk as included within the buttresses, a feature which we have reproduced here as his in the plan, though it does not represent the present state of the buttresses, and must be taken only as his record of what he found in 1797. It has an odd appearance, but we can hardly suppose Carter would have drawn it so except from observation, and there seems little doubt that the north walk of the cloister must have run under the flying-buttresses. The cloister was destroyed in Cromwell's time, and everything about it is more or less conjectural now.

The scheme by which the Norman cathedral was transformed, except the towers, into a Gothic one was initiated by Bishop Quivil, a master-mind evidently, towards the close of the thirteenth century. He only carried out the transformation of the transepts, the eastern bay of the nave, the Lady Chapel and the portion of the choir adjoining it, and threw the towers into the transepts. His successor, Bishop Bitton, completed the transformation of the choir at the commencement of the fourteenth century; and Bishop Grandisson, about the middle of the fourteenth century, completed the alteration of the nave and the vaulting. The west front was altered to its present form by Bishop Fox late in the fifteenth century, and his predecessor, Courtenay, had added the late Gothic pinnacles and parapet to the Norman towers.

What we see now, therefore, is an originally Norman church transformed into a Decorated one, by means which it would be impossible fully to trace except by a demolition of the building, which alone could reveal how much of the Norman work was cased-in, how much was actually removed and destroyed. The Norman towers, in their square and massive strength, remain as a kind of central rock around which the later Gothic has grown as on a base.

Internally, the remarkable points are the bold and effective plan of the piers, a series of clustered shafts of three different orders, and the fine design and execution of the nave vaulting, just at the period when the radiation of the numerous ribs was beginning to suggest that fan form into which it was ultimately to be resolved; the ribs are collected onto an unusually small impost, and the collecting and mitring of them has cost the builders no small trouble, not without a certain amount of ingenious "fudging." The beautiful minstrel gallery, with its canopied front filled with statues, is another special feature of interest, and also the elaborate and varied carving of the long, vertical bosses or corbels from which the vaulting shafts spring, though it must be admitted that these are not very constructional in design, and seem rather ornaments to the tail of the vaulting-shaft than designed for (architecturally) supporting it. Externally, there is a remarkable degree of solidity and massiveness about the work, unusual at that date, and which in itself seems to speak of the spirit of the Norman design still affecting the style and proportions of that which superseded it. This look of strength and massiveness is well conveyed in Mr. Wilson's drawing. Next week, we propose to supplement this view by another of the east end, taken from a water-color sketch made on the spot by Mr. Wilson, and which he has kindly placed at our disposal.

In 1871, Sir Gilbert Scott was commissioned to make a "restoration" of the interior of the cathedral, which was probably at that time very much in need of thorough renovation, and, as the fabric was in sound condition, there was, after all, little done in the really objectionable form of restoration, viz, building new imitations of old work; nor has the exterior been much touched. New stalls were executed by Messrs. Farmer & Brindley from Scott's designs, and a new reredos executed by the same firm was put up, of not very happy design, which (as our older readers will remember) was the subject of a violent controversy at the time, and was even officially

condemned by the bishop and ordered to be removed, but, as in most such cases, when the work has actually been executed and fixed in its place, retained its position after all.² A new pulpit, in memory of Bishop Patteson, was inserted at the same time.

Scott also introduced the open screen between the nave and choir, which must be admitted to be an architectural as well as a ritual improvement to the interior, and in doing this he left the organ in its old position over the screen, a position which we venture to think is, architecturally, a fine incident in a cathedral interior, and not a detriment to the effect, as has been maintained of late years by many people. The difficulty in the way of maintaining this position for the organ lies, of course, in the great size to which modern organs have developed, and which would render it now hardly possible to plant the whole instrument on the choir-screen in the old position; but, nevertheless, the old choir-screen organ-case made a fine central object in the vista of our cathedrals, and we regret to have lost it in so many cases.

The view of the cathedral, which we copy from the *Builder*, is taken from the northwest, and was made especially for this publication by Mr. A. Needham Wilson.

PLAN OF SAME.

PAIR OF HOUSES, BURNT ASH HILL, LEE, ENG. MR. R. A. BRIGGS, ARCHITECT.

THIS pair of houses is now being built. The walls up to the first-floor level are faced with red bricks, and above that with "rough cast." The roofs are tiled. The mullioned windows will be filled with lead lights, and the woodwork generally will be stained dark brown. The cost of the houses is £1,850.

THE FOUNTAIN OF AMBOISE, CLERMONT-FERRAND, FRANCE.

THIS fountain, wholly built of stone from Volvic, which now decorates the Sablon driveway at Clermont-Ferrand, and which is known throughout the country as the Fountain of Amboise, was erected about 1511 through the instrumentality of Jacques, Bishop of Clermont, Abbé of Cluny, of Jumièges, of St. Almyre, and brother of the famous Georges d'Amboise, first minister of Louis XII and archbishop of Rouen. This prelate destined it to be the ornament of the episcopal palace, which he was building at that time near the cathedral. In 1799, it was transported to the Place Delille, where it was rebuilt, and the base was modified in so doing in an extremely unfortunate manner, the octagonal basin, which originally formed the base being replaced by a circular one, not at all in keeping with the charming superstructure. In our own times this has been restored. The Fountain of Amboise is built in the curious style which marked the end of the fifteenth century and the first years of the sixteenth—the style of the Hôtel Cluny, which, moreover, was erected by this same Jacques Amboise. The glorious abbé of so many illustrious monasteries was everywhere prodigal of his cipher, his motto and his coat-of-arms, the shell and pilgrim's staff of his holy patron and the war-cry, which is the least in the world ambitious, which one meets upon the walls of the Museum on the Rue Sommerard, "*Servire deo regnare est.*" He loaded his fountain with all the symbols of his family, and crowned it with a wild man bearing the blazonment of his ancestors. This savage has been much criticised. Some have pretended to see in it, because of the two jets of water that it dominates, a St. John the Baptist, but really it is a simple bearer of the arms of Amboise. We know that chevaliers in the days of the tournament caused their shields to be hung upon the golden tree at the end of the lists, where the joust was to take place, to be guarded by their esquires disguised in the most extraordinary way. Père Menestrie calls these esquires harlequins, and scoffs at their masquerade. The wild men who in Mardi Gras not long ago led our fatted oxen were only a reminiscence of those ancient attendants of parades of former days. The figure which crowns the fountain at Clermont only proves one thing, that is, the antiquity of the custom. The architect who made the last restoration of this fountain also restored to the wild man his primitive aspect, with his club, and his body all covered with hair. He is naturally accompanied by fantastic beings with which the sixteenth-century sculptor covered the disgraceful composition. The plate is copied from the *Revue générale de l'Architecture*.

ST. THOMAS'S CHURCH HALL, WEST HAM, ENG.

ROME. FROM A DRAWING BY THE LATE G. BASEVI.

FLORENCE. FROM A DRAWING BY THE LATE G. BASEVI.

BATHS AND LIBRARY, DEWSBURY, ENG.

ARTIST'S HOUSE, KENSINGTON, ENG.

NEW FRONT TO NORTH TRANSEPT, WESTMINSTER ABBEY.

² An illustration of the new stalls will be found in the *Builder* for October 30, 1875, one of the new reredos in January 3, 1874, and another of the new chancel screen in May 13, 1876.

¹ Bishop from 1174 to 1208.



[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.]

THE PROHIBITION OF THE IMPORTATION OF PHOTOGRAPHS BY MAIL.

TREASURY DEPARTMENT, OFFICE OF THE SECRETARY,
WASHINGTON, D. C., SEPTEMBER 14, 1891.

TO THE EDITORS OF THE AMERICAN ARCHITECT:—

Dear Sirs,—This department is in receipt of your favor of the 9th instant, referring to its ruling in regard to the importation of photographs in the mails.

You state that photographs when brought from abroad by professional engineers, have been admitted free as "tools of trade." This practice, whether existing or not, has no bearing upon the question you present, nor is it within the prerogatives of this department to discuss the utility or the disadvantage of statutes enacted by Congress.

In pursuance of law, the Government of the United States united in a Union Postal Convention, in which most of the commercial nations participated, and by which it was decreed that the importation of dutiable matter in the mails must be prohibited.

You testify that you were in the habit of paying duties upon the photographs which furnish the subject of your contention, and must at once perceive that they are properly included in the category of "dutiable articles."

This department has, therefore, no option in this case, its function is the absolute administration of the revenue laws; but such measures as could be adopted to ameliorate any hardship incurred through its enforced proceedings, under the law referred to, have already been taken. The seizures made of printed matter in the mails are really nominal where no intention appears to have existed to violate the law, and such merchandise is at once released by collectors upon payment of a fine equal to the duty.

The department hopes that you will acknowledge your mistake in representing that it has "taken upon itself to declare a forfeiture and destruction of photographs," and will avoid, as far as practicable, any occasion for its action under the rule established.

Respectfully yours,

O. F. SPAULDING, Acting Secretary.

[We are quite ready to acknowledge any mistakes that we may have made. In these matters, as in many others, we are dependent for our first information on the daily papers, and are sometimes misled by their errors. —EDS. AMERICAN ARCHITECT.]



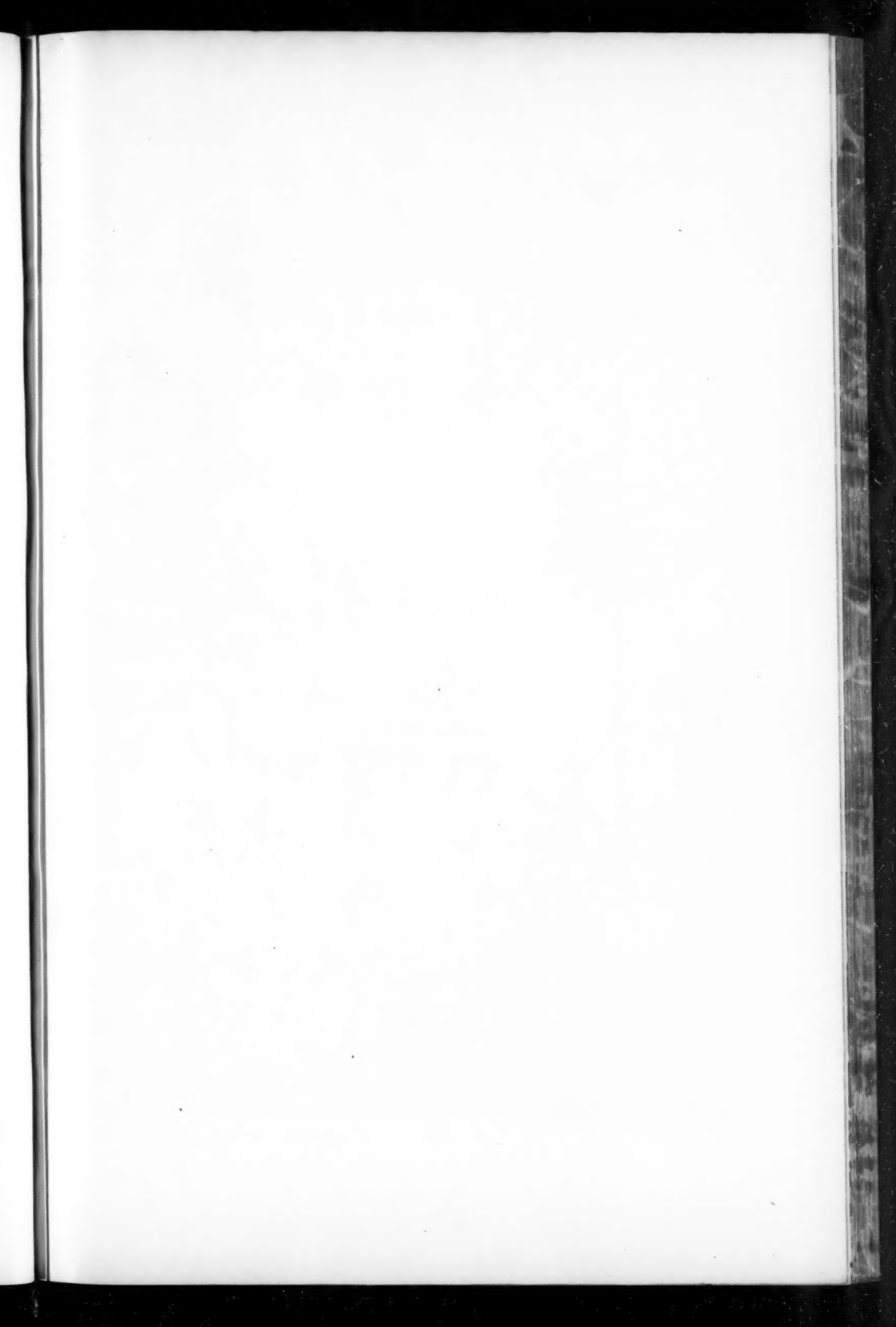
POSSIBLE REPEAL OF THE PACCA EDICT IN ITALY.—It will be a satisfaction to those interested in art to learn that the Minister of Public Instruction will present a new law on the subject of the tenure of works of art and antiquity. The law at present, says the *Times* correspondent, is a legacy of the past state of the Italian political organization, each of the old States retaining its law of days prior to their union in the present kingdom. In Rome the Pacca edict is in vogue; in Florence there is another law; in Naples a decree of the Bourbons; and in the ex-Austrian States one more liberal than either of the others. The Pacca law permits the exportation of works of art only on the permission of the Government, and on payment of an export duty of 20 per cent, the authorities having the right to refuse permission in any case without the alternative obligation of purchase, while the Austrian law makes permission to export the alternative of refusal on the part of the Government to purchase. The financial straits to which some of the great families of Rome are reduced, and the injustice of forbidding them to sell the pictures which are their greatest wealth, in order to enable them to meet their obligations, have brought to light the absurdity of the system most forcibly, and a law has been drafted to correct it. This establishes a uniform law for the whole kingdom, permitting alienation and exportation of all works of art or objects of antiquarian interest which the Government, within three months after due notice by the owner, shall not have determined to purchase at a fair valuation, an export duty estimated at about 10 per cent being levied and devoted to the purchase of such works of art as the Government shall wish to acquire. The same law provides that duplicate works of art discovered in official excavations which are not required for the completion of the national collections may be exchangeable with foreign museums and institutions. —*The Architect*.

A COUNTER-BALANCE RAILWAY.—A counter-balance railway, to assist an electric motor up and down a steep hill, has been put into operation in Seattle, Wash. It is the invention of Mr. J. P. F. Kuhlman, the engineer of the railway. The device was called out by the fact that one street, for about 1,000 feet in length, is so steep as to present difficulties in handling electric power upon it, the grades being 11, 14 and 16 per cent. A cable line would have been too costly for that short length of road and the balance system was devised. As described in

the *Seattle Post-Intelligencer*, two counter-weights, aggregating 6 tons, ran on a track in a conduit 3 feet wide and 15 inches below the street surface. At the bottom these weights abut against an air cushion made of two 8-inch wrought-iron pipes, 8 feet long, enclosing 7-inch pistons of about the same length. At the other end of a steel cable attached to the counter-weights is a small "dummy" running in a conduit 4 inches wide by 8 inches deep placed above the larger conduit. This dummy has a bar hinged to it and projecting 8 inches above the ground, to which the drawbar of the car is coupled. In operation, the loaded car descending the grade draws up the counter-weight, which just about equals the weight of the empty car; the electric power and brakes are operated as on the level. In ascending, the counter-weight comes down and pulls up the car, with the assistance of the electric motor to handle the load. When the car is uncoupled at the foot of the grade an automatic catch holds the dummy in position for the next ascending car. A safety catch is employed with the weights in case of breakage of the rope, and the coupling is to be done automatically. —*Engineering News*.



THE period of liquidation which set in over a year ago has reached a culminating point in the harvesting of the largest crop on record. Already orders have been given in scores of industries and by railway corporations to expand operating expenses and outlays. The volume of domestic trade is increasing; exports are expanding; imports are lighter than a year ago; Western mortgages are being paid off; immense additional sums of money are being offered for investment; railway securities of known value are being dealt in with renewed confidence; gold shipments are being made, despite the efforts of foreign financial institutions to check them, and the general demand for all kinds of goods is beginning to swell. The possibilities of higher prices are kept in sight, but not one merchant or manufacturer in one hundred really believes an advance is probable, because of the enormous producing and manufacturing capacity. This situation of things is most satisfactory. It is, however, a mistake to suppose that, even with our extraordinary capacity, higher prices are improbable. The factor left out of account is the extraordinary expansion going on in the region of country west of the Mississippi River. The financial and commercial newspapers do not keep track of the real progress and expansion there. New markets are being developed, which create the possibility for an advance of prices. It is not intended to try to prove that such an advance will occur, but simply to present the possibilities in that direction, in order that those who have to profit or lose by such a course may be on the alert. Nothing would so quickly contribute to such an advance as a general anticipation of requirements. In fact, three out of four of the advances that have been forced on the markets in recent years have been due to the unwise and ill-advised buying for forward requirements—a mistake that is not likely to be repeated at this time. The West will make unprecedented demands for money to expand agricultural operations next season. This profitable year will increase the stream of immigration from the middle section, chiefly from the Mississippi valley to the farther West. This movement, though silent and almost unobserved, is greater than is supposed. Far West, boards of trade are taking steps to increase this movement, and all over the Pacific Slope the greatest interest is felt in the outcome of the drifting of population in that direction. Mines are being opened, irrigation schemes long silent are being revived, new railroad schemes are looming up, and manufacturing enterprises are multiplying on a small scale. This movement to the Far West is of recent origin, and corresponds in some respects to the movement that has been going on in the South for seven to ten years past, and in many respects the results will be similarly advantageous. One of the results will be the consolidation of Pacific railway interests, another the building of a number of connecting lines that have been projected for three or four years, and still another the springing up of a number of important industries that have been waiting for just such a convergence of favorable influences as is about taking place. The outcome of all in the near future will be enlarged markets for Eastern products, of shop, mill and factory, and accompanying this will be a new political sentiment which will draw the two sections closer together, provided the financial interests centring around Wall Street will not blindly antagonize the West. Such possibilities as are herein referred to could be set back by a crop failure next year. The fact, too much disregarded, is that we are on the eve of a general and steady expansion of the Far West, which will involve the expenditure in the next few years in railroads, houses, mills, factories, farm improvements, etc., of hundreds upon hundreds of millions of dollars. No sudden expansion is probable. There was none in the South, but all undercurrents point to a steady upward movement in materials intended for the coming development of the Far West. The interior markets of the country give many manifestations of life. The Atlantic coast markets, while more active, have not yet felt a decided stimulus. Iron and steel makers see much business in sight. Heavier expenditures will soon be ordered by railroad companies for bridges and more expensive terminal improvements. Machinery-makers have a large volume of autumn and early winter work on hand. Much additional building has lately been started in country towns, and labor is in great demand. Lumber is being more freely distributed than usual. Coal-production is maintained, and an advance of anthracite has taken effect. Bituminous shipments are here and there obstructed through scarcity of cars. New England shops have a pretty full run of orders. The electricians and the heavy machinery makers, and the manufacturers of the finer grades of hardware and hardware specialties, continue very busy. The greater confidence in commercial circles will probably lead to a partial stocking up among large and small storekeepers. Bankers pretend to say money is easy, but this does not mean that all who want it and need it, and can give valuable land or real-estate security can be accommodated. Architects report dulness in new work, but think they see favorable indications of preparatory work for the coming year. Building material has been depressed in price to a point where output must be arrested if current rates cannot be realized. Hence stocks are not increasing, and in some instances a great deal will be carried over to another season. Trade combinations have suffered from certain reactionary influences not calculated upon when the organizations were formed, but they still hold together, and only last week three or four more small interests organized themselves. Almost all of these artificial attempts are in more danger of dissolution through increased prosperity than through adverse trade conditions.





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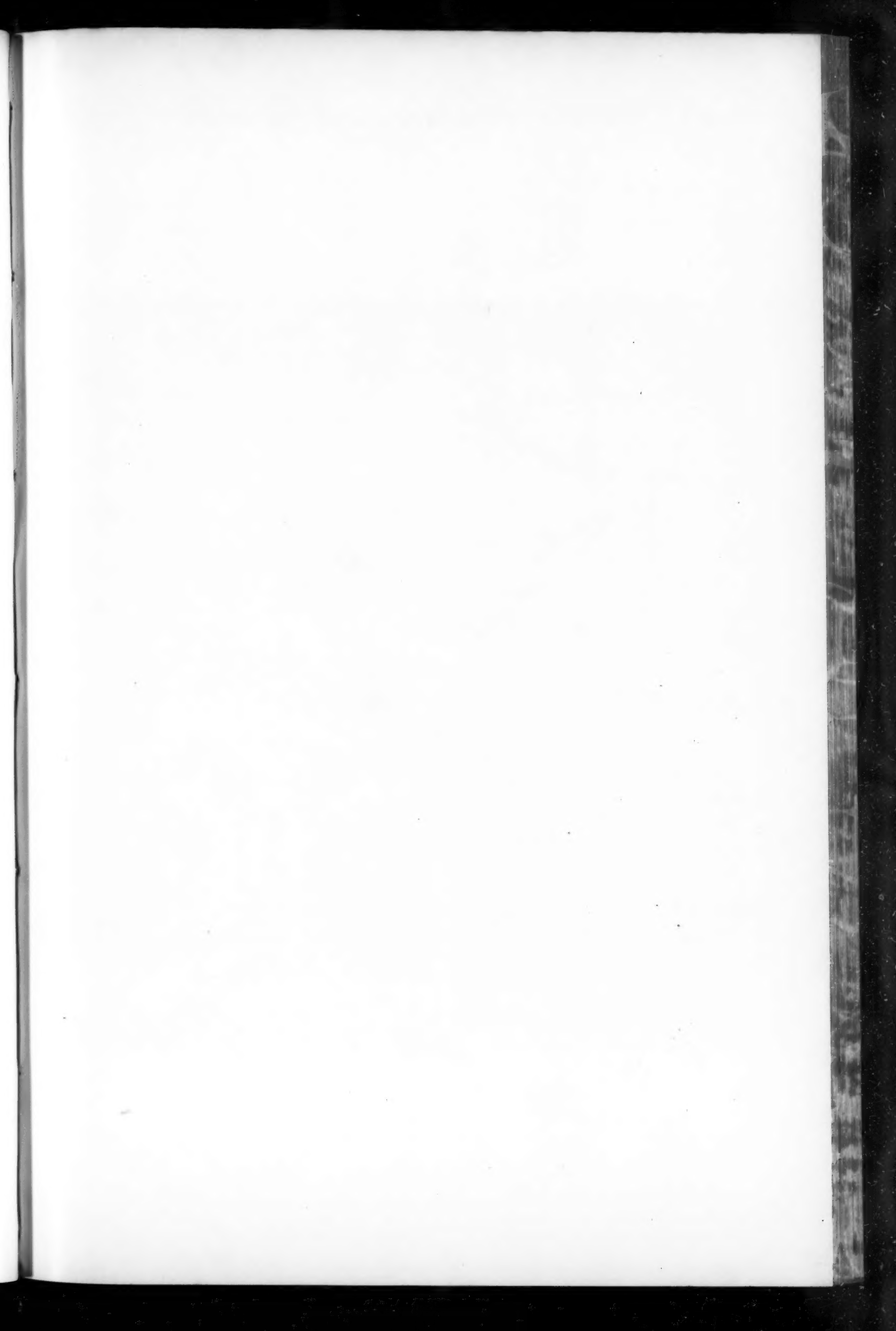


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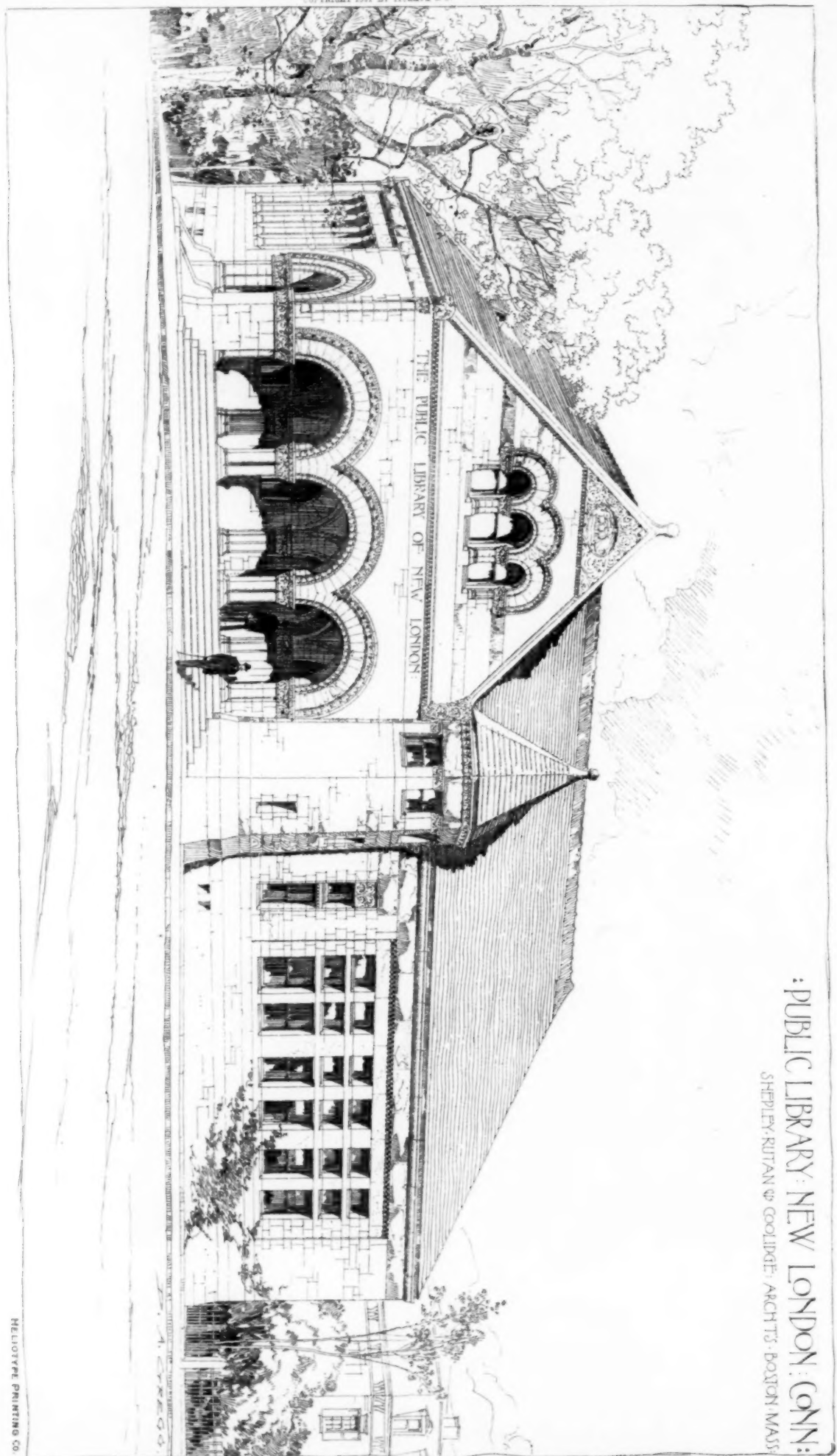
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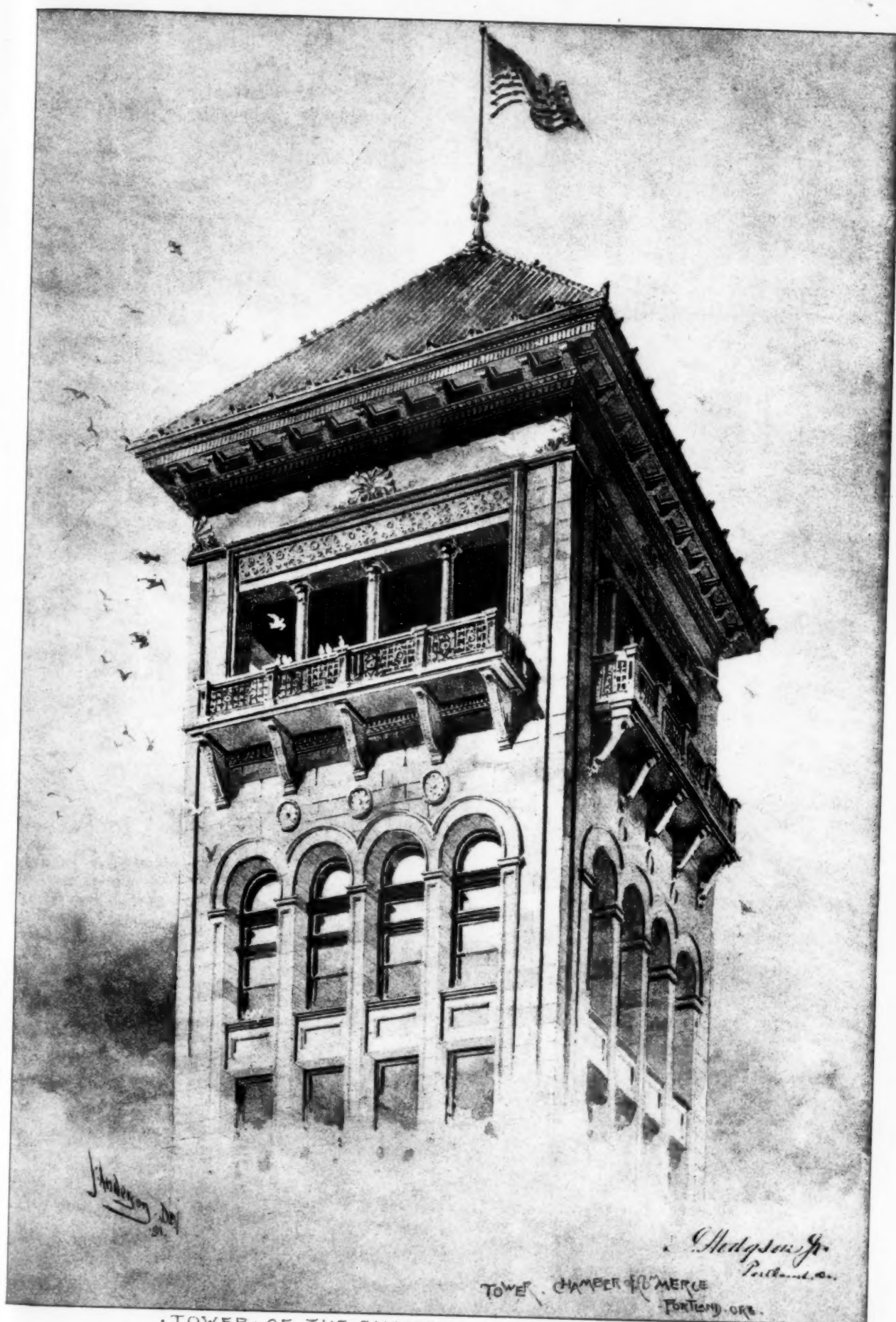


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THE AMERICAN ARCHITECT

AND BUILDING NEWS

ADVERTISERS' TRADE SUPPLEMENT.

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SATURDAY, JULY 4, 1891.

VOLUME XXXIII
No. 110.

ECONOMY HOT-WATER VENTILATING HEATER.

THE accompanying cut illustrates a transverse sectional view of the improved Economy Hot-Water Ventilating Heater, which has just been placed on the market by the J. F. Pease Furnace Company, of Syracuse, N. Y.

The principle of the heater is the same as that of the Economy Hot-Water Heater, illustrated and described in a former number of this journal, differing only in the construction of the fire-pot, which in this heater is hollow instead of solid, and the returns enter the lower part of the pot instead of at the sides of the lowest section. The heater is cylindrical in shape and of about the same principle of construction as the Low Down Combination Steam and Warm Air Heater made by this company. The heater is double-cased, with an outer casing of best quality galvanized-iron, and the bottom "Z," ash-pit "K," fire-pot "I" and water-sections "C" are made of cast-iron, while the jacket surrounding the sectional water heaters "C" is made of No. 6 to 12 wrought plate steel, according to size. The hot-water chambers are flat and round (from 2 to 3 inch interior vertical diameter), and are connected to one another by upright connections at the points where the water circulation is shown by arrows. These connections are screwed into shoulders on the chambers and are locked-nutted thereto over asbestos and lead-filled cup-joints.

In the construction of this heater either three or five hot-water sections are used, as the requirements for air-heat and hot-water radiation may demand. (With the solid pot heater above referred to either one, three or five sections can be used, so that the heater

can be adjusted to furnish more than two-thirds air-heat less than one-third water-heat if required.)

It is claimed that these chambers are suspended inside of the combustion chamber-jacket in such a manner as not to impair the draught, but to retard the exit of the products of combustion until the heat is entirely yielded,

and that the smoke and gases finally pass into the smoke flue after yielding the maximum amount of heat. The fire exposure of this construction is naturally uniform, and inasmuch as each alternate section extends from side to side of the combustion-chamber the product of combustion is forced to traverse over the entire bottom and top surfaces of

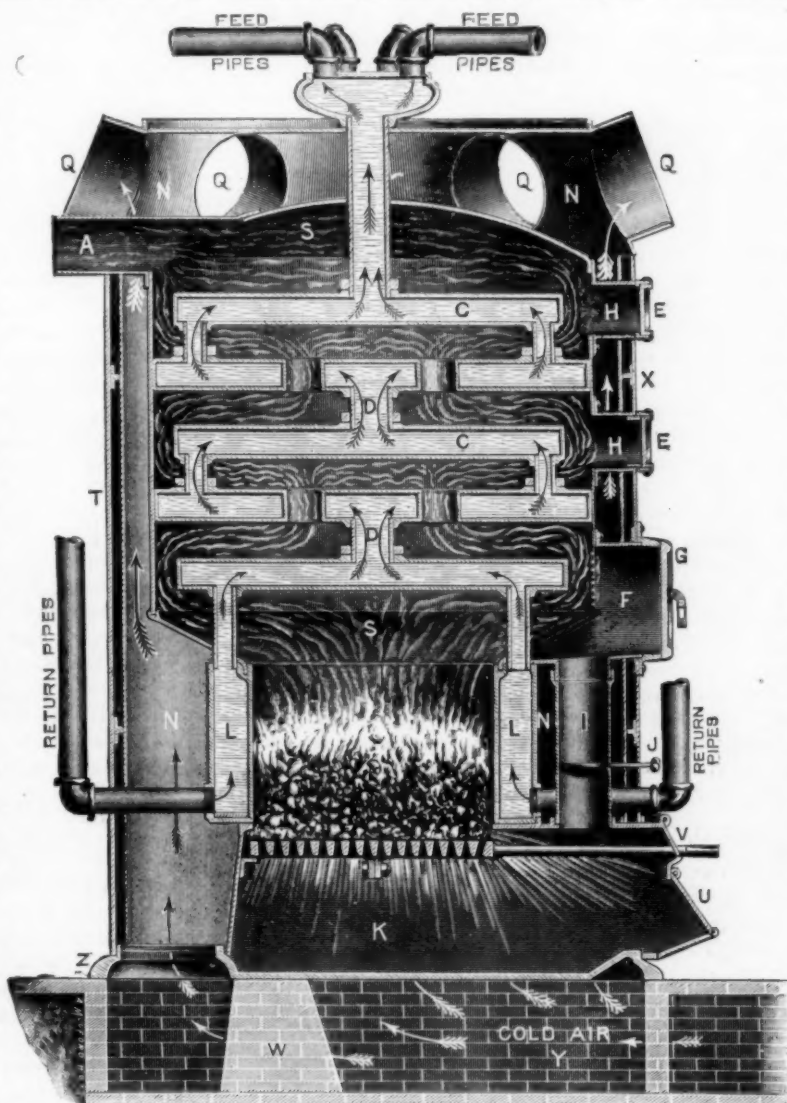
each section. The heated gas and smoke arising from the combustion ascend alternately around the sides of the smaller chambers and through four ample flues near the centre of each of the larger sections until the exit flue "A" is reached.

It is claimed for this heater that the water circulation is positive and continuous; that the water circulates upward to every portion of the interior of each of the sectional chambers before reaching the distributing feed-pipes, passing as many times over the fire as there are sections used.

The ventilating capacity of this heater is concentrated in its warm-air producing portion, which saves and makes use of air-heat which by nearly all other constructions goes to waste. The air-supply which passes through the air-warming chamber "N" "N" "N" is taken through an air-box from the outside, sometimes through a duct sunk in the cellar bottom, and sometimes at the sides of the heater, the former arrangement being preferred.

The air is thoroughly warmed in its passage through this air-chamber, is moistened by water evaporation and then distributed through pipes and registers to apartments nearest the heater.

The advantage claimed for this portion of the system described in this article is the capacity in the apparatus for changing the



Economy Hot-Water Heater.

It is also claimed that in this construction the water-heating surfaces are exposed to the highest degree of heat which the combustion produces, and in such a manner as to render no portion of the exposed water-heating chambers waste surface.

It is claimed that a consistent retention of gas and smoke is effectually accomplished,

air in nearly all the lower apartments of the house and this circulation by means of halls is also communicated to the upper rooms.

The second advantage lies in the fact that all rooms warmed by the air-heat necessitate no bulky water-radiators in them—an advantage which is important, as in direct adjustments they are not unfrequently objectionable, and conflict with furniture, etc.

Catalogues illustrating and describing this improved Hot-Water Ventilating Heater will be mailed to those interested, on application to our main office, Syracuse, N. Y., or to the following branches and agencies:

25 Fulton Street, New York, N. Y.; 75 Union Street, Boston, Mass.; 82 Lake Street, Chicago, Ill.; 207 Market Street, Philadelphia, Pa.; 1216 North Third Street, Harrisburg, Pa.; 189 Queen Street, Toronto, Ont.; 309 Wood Street, Pittsburgh, Pa.; 1337 E Street, N. W., Washington, D. C.; 9 West 7th Street, Cincinnati, Ohio; 208 East 7th Street, St. Paul, Minn.; 1016 Walnut Street, Kansas City, Mo.; 1212 Washington Avenue, St. Louis, Mo.

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BELTS AND DRESSINGS.

BELTS should be cleaned regularly, and after cleaning, a good belt-dressing should be applied to keep the belt soft and elastic, and cause it to hug the pulley and transmit its greatest power. The use of a good belt-dressing is superior in economy to any other method for correcting a slipping or slightly loose belt. The custom of tightening a belt whenever it slips is not a good one. The belt is liable to be made too tight, which heats the bearings and strains the belt. Great care, however, should be taken in selecting a belt-dressing. Castor oil is an article in very general use, but experts have found that it contains an active acid principle, and is drying in its nature. The use of soap, rosin, tar, etc., cannot too strongly be condemned. They are only temporary stimulants and eventually destroy the belt. A belt-dressing that is guaranteed to prevent slipping, and at the same time keep the leather soft and elastic, is certainly worthy of careful consideration. Such is Dixon's Belt-dressing, made and sold by the Joseph Dixon Crucible Co., Jersey City, N. J. There is no trouble in applying it, and all who have used it commend it in the highest terms.

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FIRE CLAY ROOFING-TILE.

THE new Woman's Temple, one of the largest and finest of the many fine buildings in Chicago, of which Burnham & Root are architects, will be covered with Fire Clay Roofing-tile, manufactured by the Clay Shingle Company, Indianapolis. The new Jail in Indianapolis, which will cost about \$150,000 to build, and the Central Avenue M. E. Church, now nearly ready for the roof, will be covered with Fire Clay Roofing-tile. The roof, of Fire Clay Roofing-tile, is now being put on a very handsome new Court-house, at Little Falls, Minnesota. One of the finest tile roofs in the United States is that on the handsome residence of F. N. Trevor, Lockport, New York, of tile made by the Clay Shingle Company, Indianapolis, Ind. Mr. Trevor writes he has the handsomest roof he ever saw, and that after seeing and

examining tile roofs in Europe with the view of importing tile for his residence. The handsome new residence now being built by V. K. Hendricks, cousin of the late Vice-president Hendricks, will be covered with Fire Clay Roofing-tile, manufactured by the Clay Shingle Company, Indianapolis, Ind. Daggett & Company, are the architects.

CLAY SHINGLE COMPANY,
INDIANAPOLIS, IND.

TERRA-COTTA LUMBER.

THE question of whether hard tile or porous tile was the better for fire-proofing purposes, has been to some of the building profession a grave question, but after the tests at Denver, Col., and numerous tests which we have made, we think that question has been entirely dispelled, and the terra-cotta lumber (porous terra-cotta) stands so far superior to other materials for fireproofing that it will be a question now: can we get the porous terra-cotta for our building? If so, we cannot afford to use anything else.

We are enabled to manufacture *hard tile* just as well as terra-cotta lumber, but we desire only to give architects and builders that which is best to be used, and, in doing so, we treat here only of porous terra-cotta for arches, partitions and furring, and the following are the reasons:

1. It is an absolute non-conductor of heat, cold and sound.
2. By reason of its porosity, plaster adheres to it better than to any other material.
3. It can be altered with but little trouble without injuring the plaster, and this is a very great advantage in a large building.
4. It will hold nails and screws perfectly.
5. It is lighter in weight than any other fireproofing material, thereby affording a great saving in the ironwork which enters into the construction of a building.

Terra-cotta lumber is a name given to a composition of clay and saw-dust fashioned into hollow forms, burned like common brick in which process of burning, the saw-dust is consumed leaving a porous earthenware tile of extreme lightness, great elastic strength and durability. Which by these characteristics adapts it for all classes of buildings, from the largest office or hotel building to the *smallest dwelling house*.

The Pittsburgh Terra-cotta Lumber Company is operated under a license from the International Terra-cotta Lumber Company, by which it has the right to manufacture this material under the Gilman Patents. The International Terra-cotta Lumber Company, the parent company, as licensor, is the proprietor of four United States Letters patent upon Composition of Matter "Bed Rock" patents, as they are termed, being the foundation, as it were, of the art, which in turn, are backed by thirty others, protecting the various specific applications to architectural fireproofing and other purposes.

The possession of Letters Patent is *prima facie* evidence that the holder is entitled to them, until it is clearly proved that the originality of the invention began not with him. Manufacturers of Terra-cotta Lumber, or Porous Terra-cotta, in this and other sections of the country, who are making the material in violation of the rights held by the International Company under its United States Patents, cannot offer protection against heavy damages to purchasers of this material, as they are liable as well as the manufacturers.

Our Company is prepared to furnish estimates, and execute promptly all contracts entrusted to its care in any part of the United States, having experienced men whom we send to construct material in the building. Our factory is the largest in capacity of any other now manufacturing Terra-cotta Lumber, and our facilities are unsurpassed.

Correspondence is solicited from architects, builders, dealers, and others interested. Any information not contained in our regular catalogue will be gladly furnished upon application.

In giving the description of the following tests, we beg to state, that they are only a few of many which we have made for architects and builders, we have also a few described which other manufacturers have made, any further information that we can furnish will be cheerfully given by us, all tests given here have been made under the supervision of architects, names of whom we will furnish if desired, and also cheerfully give to those who may desire the benefit of very numerous private tests which we have made.

The tests have proved:

1. It is the only material that will stand a great load.
2. It will not break under a weight dropped from a reasonable distance.
3. It is the only material which will stand a continuous fire without breaking.
4. It is the only material that when heated will not fly, crumble or break, when a stream of cold water is thrown upon it as hard tile will do.

The above requirements are those which are needed for fireproofing material, terra-cotta lumber being a non-conductor prevents the iron beams in a building from getting red hot in case of a fire.

TEST NO. 22.

Load put on May 20, 1890. 6-inch arch, 5 feet 6 inches span. Tested to 600 pounds to square foot. Weight left on thirty days, arch perfectly sound; no signs of weakness in any tile or joint when weight was removed.

TEST NO. 25.

Load put on May 20, 1890. 8-inch arch, 6 feet span. Tested to 1,000 pounds to square foot. Weight left on ninety days. When load was taken off arch the beams were removed away from tile and the arch was let fall from about four feet high without breaking it. It held together like one piece, showing conclusively that no damage had resulted from the load.

Tests made at our own factory.

TEST NO. 26.

Load put on October, 1890. 10-inch arch, 6 feet span. This arch was built in October, 1890. 800 pounds to square foot was put on. It was left standing, exposed to all kinds of weather, and when bricks were removed in April, 1891, it was to all appearance as good as when built. This arch had fully 1,200 pounds to the square foot, including the brick, rain and snow.

Test No. 26 was tested at our factory.

TEST NO. 40.

Load put on September, 1890. 10-inch arch, 5 feet 6 inches span. Several tests the same as this were given by us for the Building Department in New York City. The last was 1,050 pounds to square foot, put on a soaking wet arch and left standing thirty days and exposed to the weather. The arch is still in the building, and as good as ever.

Test No. 40 was tested by us in the Holland

House, Corner 30th Street and 5th Avenue, New York, N. Y.

TEST NO. 45.

Load put on May 29, 1891. 8-inch arch, 5 feet 6 inches span. The next was given in the Ferguson Block, Pittsburgh. A weight of 850 pounds to square foot, or over five tons was put on, and left standing five days. No damage resulted to arch, and it is still in the building.

PITTSBURGH TERRA-COTTA LUMBER CO.,
42 SIXTH AVENUE, PITTSBURGH, PA.

NOTES.

AMONG the recent government orders received by the Gorton & Lidgerwood Company, New York, for their popular "Gorton" house-heating steam boiler, is one for a No. 5 boiler, for heating the house of General O. O. Howard, on Governor's Island, New York. Business is increasing with the Gorton & Lidgerwood Company.

THE New York Central Iron Works Company, have just shipped another of their famous Dunning Steam-Heating Boilers to Wiesbaden, Germany, where they have been in use for a long time and have given the best of satisfaction. The company anticipate a larger foreign trade than ever this season. The superior merits of their heaters are too well-known in this country for special mention. They are also in receipt of an order from Georgia for a large tubular boiler which they expect to ship at an early day. — *Geneva (N. Y.) Gazette, June 5, 1891.*

THE new machine shop for the Ball & Wood Company, at Elizabethport, N. J., is fast approaching completion. The building is made of brick and iron designed and built by the Berlin Iron Bridge Company, of East Berlin, Conn., and will be used by the Ball & Wood Company, for a machine shop. The central portion is 40 feet wide with a wing on each side 20 feet wide, the entire central portion of the building being served by a travelling crane driven by electricity.

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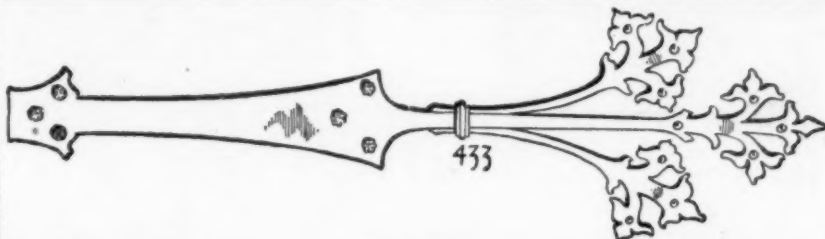
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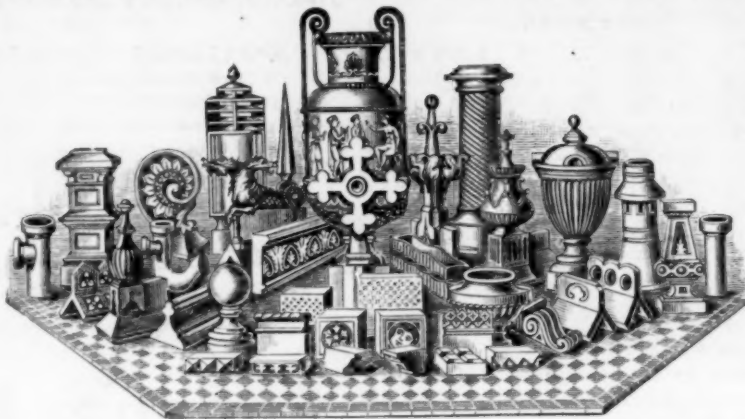


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maltings in Great Britain). New Illustrated Catalogue containing more than 1,600 designs, on application.

AGENTS WANTED FOR THE UNITED STATES.

ESTERBROOK'S PENS

26 JOHN ST., N. Y.

THE BEST MADE.

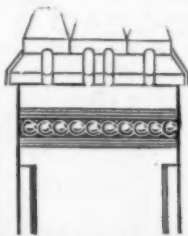


**THE
HANSEN PATENT**

WEATHER-PROTECTING

SALT-GLAZED

TERRA-COTTA CHIMNEY TOPPINGS.



Manufactured
under License by

CAMP & THOMPSON,

CUYAHOGA FALLS,
OHIO.

Manufacturers also of SUMMIT CO. SEWER-PIPE, GLAZED DRAIN-TILE,
HOLLOW BRICK and other CLAY PRODUCTS.

FOR SALE BY

{ STAPLES BROTHERS, Lowell, Mass.
D. W. LEWIS, 57 Kilby Street, Boston, Mass.
S. W. RADER & Co., 611 W. 51st Street, New York, N. Y.



Made by steam press, vitrified and salt-glazed,
as first-class sewer-pipe, therefore indestructible
by weather, will protect chimney masonry and
prevent its usual early destruction by rains
and frost and save owners paying repair bills.
Replacing decayed tops of old chimneys saves
all further repairs. Ornamental forms also made
Agents (Dealers in Sewer-Pipe, Cements, etc.) wanted.

HARALD M. HANSEN, Patentee,

88 La Salle St.,

CHICAGO, ILL.

A. G. NEWMAN, late NEWMAN & CAPRON.

MANUFACTURERS OF

Fine Bronze Hardware, Bank, Office and Stoop Railings in Bronze or Brass. Antique Furniture-
Trimmings. Electrical and Mechanical Bell-Hanging Burglar-Alarms.
Warerooms, 1180 BROADWAY. Factory, 157-163 WEST 29th STREET NEW YORK, N. Y.

THE AMERICAN ARCHITECT AND BUILDING NEWS

ADVERTISERS' TRADE SUPPLEMENT.

No. 110.

SATURDAY, AUGUST 1, 1891.

VOLUME XXXIII.
No. 814.

A NEW FRAMING DEVICE.

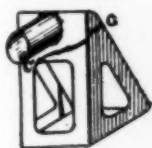
In framing timber in the usual way by mortise or tenon there is always a loss in strength which is equal to the part cut away, and often amounts to from one-sixth to one-fourth of its carrying capacity.

Resort has been made to various expedients to remedy this, but they have usually proved inefficient, and lacked the quality for general application.

The requisites for such a device are these:

First, it must be so formed that in framing the timber will retain its full strength, or as nearly as possible. Second, it must be easy and quick in application. Third, it must be of such material as will stand any strain or carry any load it will be required to bear.

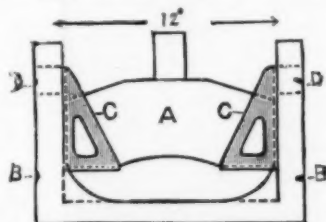
These requirements, though simple, it has only been possible to meet through the later methods in production and management of steel.



Such a device is now manufactured by the Duplex Hanger Company of Cleveland, O., which we will describe.

It is made from the best wrought steel, L-shaped, the angle being filled at the corners to give it strength and keep the timbers from rolling. See illustration herewith.

A round projection is formed on its face, near the upper end, which is the means by



which it is fixed to the trimmer or other timber into which a hole is bored and the projection inserted, where it is secured.

These hangers may be turned to account for a variety of uses, such as framing headers, tail joists, around stairs, fireplaces, elevators, chimneys and where any opening is desired. They are made in seven sizes, also in pairs, right and left, to be used in angles.

The test of these hangers furnishes a remarkable exhibition of strength, and we insert the following test, which was made by the Otis Steel Company, of Cleveland, Ohio.

Total area of cross-section of one hanger, A-B 0.585 square inches. Started test with a strain of 10,000 pounds at 25,000 pounds strain, permanent set; at 40,200 pounds strain, slight shearing; at 43,800 pounds

strain, one hanger broke at C-C, the other started, breaking around bottom of nipple. Stretch in body of hanger one-fourth inch, in four and one-half inches. Body of hanger does not show any rupture.

DUPLEX HANGER COMPANY,
CLEVELAND, OHIO.

HARD AND POROUS FIREPROOFING MATERIAL OR TERRA-COTTA.

We respectfully call attention to the excellent quality of Hard and Porous Fireproofing Material now made by this company.

Fireproof buildings are the necessity of the age — their advantages are so obvious as to need scarcely any comment to the intelligent architect or builder. Wherever tall buildings are required; wherever valuable merchandise is stored; wherever valuable records are kept; wherever banks, post-offices, courts, colleges, schools, churches, hotels, or large flat buildings, or tenements exist, fireproof buildings are indispensable.

Fireproof material is also of signal advantage wherever uniformity of temperature is desired, as in dwelling-houses, or in cooling-rooms of breweries or large refrigerators, etc.

This material also conduces to the acoustic properties of public halls, theatres, opera-houses and other public buildings.

Buildings are also preserved free from vermin, if such material is used in their construction.

Apart from the element of safety, the item of fire insurance is an important factor in determining this question in favor of fireproofed buildings.

Fireproof buildings invariably command the very best class of tenants, and a much higher percentage of rent than others; consequently, while the first cost of fireproof buildings may be a trifle greater, nevertheless, as a paying investment, the result is far more satisfactory.

Many other advantages may be enumerated.

A great deal of the so-called fireproofing material hitherto used in this country, does not fully meet the requirements of the skilled architect; much of it is so soft as to be incapable of resisting fire or water, standing a great crushing weight, or being impervious to dampness.

All fireproofing material made by this company is warranted to be equal to any on the market. It is uniformly hard burnt; the blocks are regular in size, and well shaped, it is not liable to injury by heat or frost, and can be laid and placed in position by any mason.

We will be pleased to quote prices, furnish

estimates, or enter into contract for the furnishing of the material, as well as to do the necessary work connected with the setting, if so desired.

We carry on hand, at our works at Keyport, N. J., a very large stock of all sizes and kinds, and consequently are prepared to furnish the largest requirements of the trade at short notice.

We also manufacture the best grades of building brick, both *side cut* and *end cut*, hard-burnt paving-brick, paving-tiles, terra-cotta ornaments, etc.

Our facilities enable us to furnish about 400 tons of blocks daily, hence we can promise prompt shipment, either by rail or water, in every large undertaking.

We guarantee entire satisfaction in all cases.

The Van Fireproofing Company (Albert von den Driesch), office 92 and 94 Liberty Street, has taken charge of work of this character in New York City and vicinity.

Mr. Rudolph Maurer, office, 402 Master Builders' Exchange, 24 South Seventh Street, Philadelphia, Pa., has taken charge of all work in that city, Baltimore, Washington, etc.

LORILLARD BRICK WORKS COMPANY,
92 AND 94 LIBERTY STREET, NEW YORK, N. Y.

THE DURABILITY OF DROP TUBES.

The leading feature of the Bolton Hot Water Heater, manufactured by the Detroit Heating and Lighting Company, Detroit, Mich., is the drop tube through which the circulation is maintained.

These tubes, as many of our readers know, are of the same kind as have long been used by the Silsby Manufacturing Co., of Seneca Falls, N. Y., in their celebrated steam fire-engines.

The tube is secured into the upper part of the heater, and its lower end is stopped by a plug welded in. Inside of the drop tube is a secondary tube, bevelled at the lower end and also perforated near the end. This is depended upon to promote the circulation by the relatively colder water dropping down the inner tube and then, in turn, rising in the space between the two tubes. By this construction water is presented against the fire surface of the drop tube in a comparatively thin sheet, thus quickly taking up the heat and promoting rapid circulation.

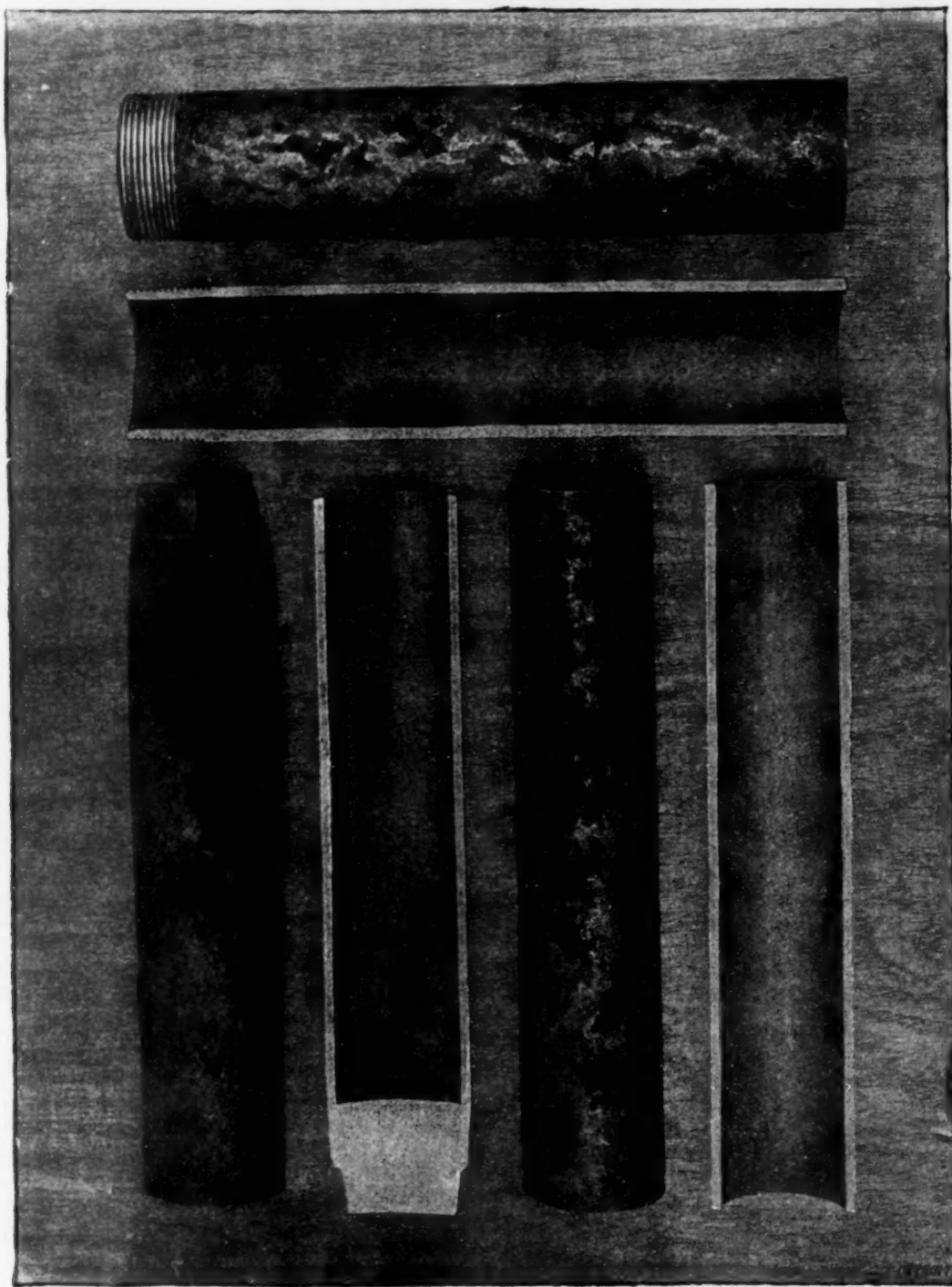
The point is also made that the constant current of water in each tube prevents any settling of sediment and renders it impossible to burn out at the end as the bottom of an

ordinary kettle. In the fierce competition that prevails in the heating trade at the present time, the claim made for the durability of these tubes and their freedom from sediment have been attacked. In order to demonstrate that they are absolutely free from sediment and have a life far beyond that which is accredited to them by competitors, the Detroit Heating and Lighting Company have procured, some time since, from the Silsby

cut the tube into three pieces crosswise and also split it longitudinally, in order to show the condition of the tube in all its parts, and likewise to have it convenient shape for preservation and exhibition. These parts have been mounted and were placed in a neat frame on exhibition at the recent convention of the Master Steam Fitters, Philadelphia. Previous to that they had been shown in their office in Detroit, where they now are.

as the day when it was put into the boiler. This explanation would seem to be a conclusive proof that the life of a drop tube, under the conditions in which it is used in the heater mentioned, is far beyond that which has heretofore been conceded.

The circular above mentioned, as well as the handsome illustrated book "*Warmth for Winter Homes*," descriptive of the Bolton, may be obtained of the Detroit Heating and



Manufacturing Company a tube which had been taken from one of their steam fire-engine boilers, where it had been in use since 1875. In the use to which the engine had been subjected, it is fair to suppose that the tube had a greater strain put upon it and been subjected to severer tests than would be encountered in hot-water heating practice. This tube was sent by the Silsby Manufacturing Company to the Detroit Heating and Lighting Company, in the shape in which it was found in the boiler. The latter company

The company have also had a direct process engraving made showing a fac-simile of the board with the pipes mounted in place. These illustrations have been widely distributed in the trade by means of a handsomely printed circular, the cut which we show herewith being a reproduction of the engraving referred to. By examination of what we present, it will be seen that while the pipe is coated to a greater or less extent on the outside, showing evidence of wear and use, the inside of each of the three sections is as clean

as the day when it was put into the boiler. This explanation would seem to be a conclusive proof that the life of a drop tube, under the conditions in which it is used in the heater mentioned, is far beyond that which has heretofore been conceded.

DETROIT HEATING AND LIGHTING CO.,
DETROIT, MICH.

THE STAR VENTILATOR.

In calling the attention of the public to the *Star Ventilator*, our idea is to illustrate not only the ventilator itself but its practical working and design.

During our long experience in ventilators

we have not only tested carefully the individual merits of each, but have ourselves handled the sale of some of those best known.

We feel, therefore, satisfied that the position we take is a correct one, when we recommend the exclusive use of the *Star Ventilator*, which we guarantee to be better than any other stationary cap in the market.

The *Star Ventilator* when properly applied and of the right capacity, prevents a down-

CAPACITY OF THE DIFFERENT SIZES OF THE "STAR" VENTILATOR.

DIAMETER.	CAPACITY.	DIAMETER.	CAPACITY.
2 ins.	4 sq. ins.	10 ins.	78 sq. ins.
2½ "	6 "	12 "	113 "
3 "	7 "	14 "	154 "
3½ "	9 "	16 "	201 "
4 "	12 "	18 "	254 "
4½ "	16 "	20 "	314 "
5 "	19 "	24 "	452 "
5½ "	24 "	30 "	707 "
6 "	28 "	36 "	1018 "
6½ "	38 "	40 "	1256 "
7 "	50 "	48 "	1809 "
8 "	63 "	60 "	2827 "

instance, if a flue measures 8 x 12 inches, inside diameter, nothing less than a 10-inch ventilator should be used.

Where a chimney has more than one flue, a separate cap for each would be advisable. While two or more flues may be covered with a large base, yet a separate pipe should be made for each flue, making them independent of each other, and thereby preventing any gas or smoke to enter one from the other.

We have no hesitation in commending them to the favorable attention of architects, engineers and builders everywhere. We show by the various cuts, etc., the construction of the ventilator, and also its application to the ridge of a roof or to a chimney flue. The shaft of the "Star" Ventilator may be arranged to suit circumstances. We also show, by the views of buildings, the appearance of the "Star" Ventilators in position, and indicate in some measure the range of uses to which it may be applied.

For the ventilation of mills and all other buildings, we furnish, in addition to the Ventilator Caps, if desired, base attachments, including damper inside the pipe, having brass bearings, working automatically, with cords.

We show here a design of a "smoke-jack," for locomotive round-house, complete, including our "Star" Ventilator Cap,

which will be of interest to those contemplating the erection of locomotive round-house ventilators. The "Star" Ventilator has a larger ventilating capacity than any other which is storm-proof. The Ventilating Cap, however, must

ward current, thereby insuring an upward draught, and is stormproof and durable.

The *Star Ventilator* being a stationary cap is acted upon solely by the natural currents of the air, which, owing to the internal and external patented construction of the ventilator, operate to produce a vacuum, which simultaneously induces an upward draught, carrying with it all gaseous substances, smoke, etc., contained in the chimney, pipe, building, etc., to which the ventilator is attached.

BASES FOR CHIMNEY CAPS.

There are two plans of placing or attaching the "Star" Ventilator Caps to a chimney, both of which are thoroughly practical. They are also economical and durable. These attachments, or bases, are made of heavy galvanized sheet iron, and are made to fit closely to the chimney, with either an inside or outside flange arrangement. The box attachments are securely riveted. We furnish the ventilators complete in any size, and to fit any chimney.

It will be understood that a box or base can be made to fit over the entire chimney, making it impossible for any rain, snow or dampness to get on the inside of the flue and this forms the outside-flange arrangement.

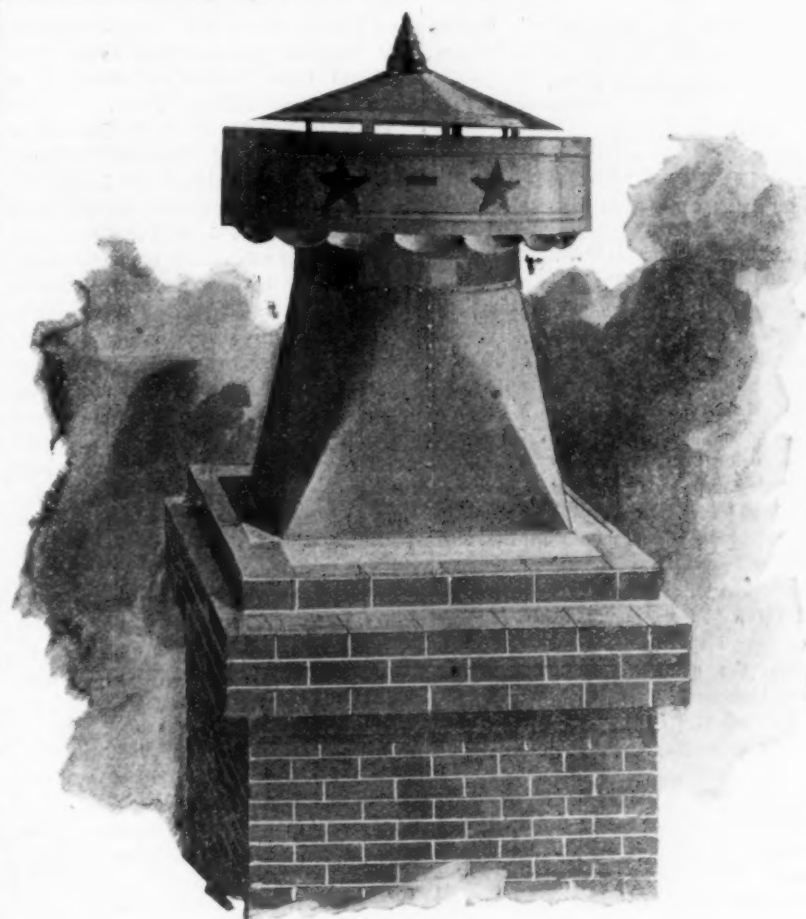
The inside-flange arrangement is also proof against water, as may be seen by the cut

These are also well riveted and made to fit closely to the chimney.

Great care should be used in giving measurement, so as to insure good results.

In applying the "Star" Ventilators to chimneys which are badly constructed—which are old and worn out—the "Star" can at best be only an assistant—a help; but it will be a very serviceable help.

We here submit a table showing the capacity of the different sizes of the "Star" Ventilator.

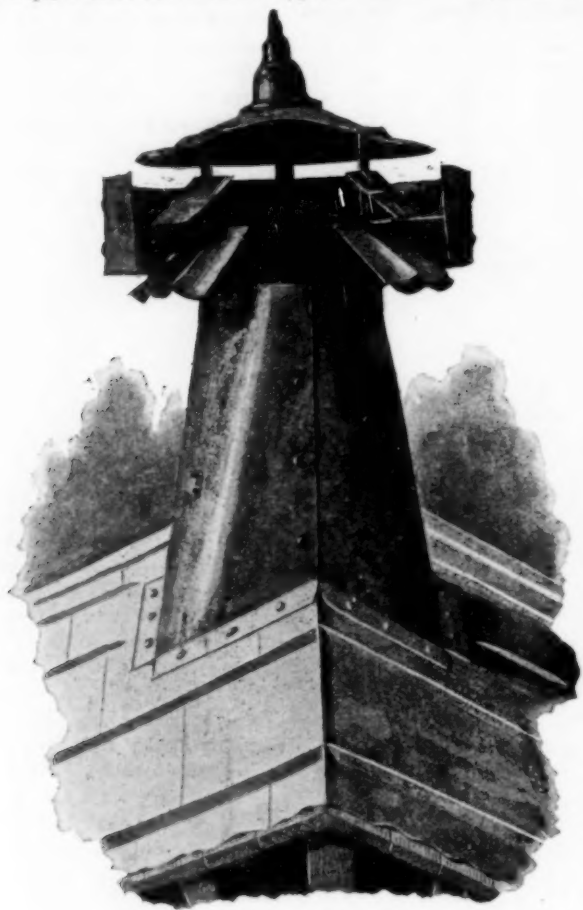


necessarily have as great a capacity as the flue or opening upon which it is placed, in order to obtain satisfactory results. For

The design, though simple in its detail, is both economical and practical. The whole outfit is made of heavy black sheet-iron,

coated thoroughly with pure lead. We can furnish the lead-coated sheet-iron, as well as the Ventilator Caps, to those who themselves

the largest factory and business. H. W. Johns began the manufacture of asbestos goods in 1858. Englishmen took their cue



desire to make the "smoke-jacks." We can also furnish special brass castings for dampers.

MERCHANT & CO.,
PHILADELPHIA, PA.

PROMINENT ASBESTOS MANUFACTURERS CONSOLIDATE.

THE H. W. Johns Manufacturing Company and the Chalmers-Spence Company, New York; the Asbestos Packing Company and Charles W. Trainer & Company, Boston; and the Shields & Brown Company of Chicago—the five largest asbestos manufacturers in the United States—have formed a corporation under the name of the H. W. Johns Manufacturing Company. They will control most of the output in their line of business. The officers of all the companies and their chief employees will remain with the new concern, which will thus have the advantages of their combined skill and experience. H. W. Johns is the president; R. H. Martin, formerly president of the Chalmers-Spence Company, the new vice-president; C. H. Patrick, treasurer, and G. P. Erhard, secretary, both of the last two named having previously been with the H. W. Johns Manufacturing Company.

The consolidation, which was effected July 1st, was made it is, stated, to reduce the cost of asbestos manufacture and to save other expenses. The company promise to give their customers the benefit of the economy which will thus be practised.

The H. W. Johns Manufacturing Company was the name chosen for the new corporation, because the old company of that name was the pioneer in the business, and had besides

from him and have set up asbestos factories, but American manufacturers export their goods to Great Britain and elsewhere in Europe in considerable quantities.

The factory of the old H. W. Johns Company, at the foot of Thirty-ninth Street, Brooklyn, N. Y., is already the largest one devoted to the manufacture of asbestos goods in the world, about 125 men being employed. A new building will shortly be erected which will employ double that number. Factories will also be run in Chicago and Boston. The old H. W. Johns Manufacturing Company also made asbestos fire and water proof paints and roofing—an important branch of the business—while the other concerns confined themselves solely to the manufacture of asbestos steam-pipe and boiler coverings, steam-packings, fireproof cements, fabrics, ropes and twines. The new company will also be sole agent for the sale of Vulcabeston, which is used largely for electrical purposes in the manufacture of switch-boards, armature-sleeves, battery-cells and insulating parts for arc and incandescent lights, motors, etc. The manufacture of fireproof asbestos theatre-curtains will be an interesting branch of the business. There are about 150 of these in use in this country, and the building-laws of most of the larger cities prescribe that all new theatres must have fireproof curtains. The major supply of asbestos comes from Canada, where the new corporation has extensive mining interests.

The new H. W. Johns Manufacturing Company will have their headquarters at 87 Maiden Lane, New York City. There will be branch offices in Boston, Chicago and Philadelphia, and agencies in London and elsewhere abroad.

MCCLELLAN ANTI-SIPHON TRAP VENT.

THE undersigned Master Plumbers have the pleasure to say that they are familiar with the device known as the McClellan Anti-Siphon Trap Vent; that they have carefully tested and used it in their work; that it has always given entire satisfaction as a means of preserving the trap seal; that it is much more economical (especially in repairs) than the use of back-vent pipes; that in several years' use it has thus far proved thoroughly durable; that no impairment of its mercury seal has been discovered, and that (the main lines being properly vented to the roof) they know of no reason why it should not be freely used instead of the present method of venting the traps by long lines of pipe.

Edward Murphy, 626 Third Avenue (late Secretary Master Plumbers' Association, New York, and late Lecturer on Plumbing in New York Trade School); Leonard D. Hosford, 43 Beekman Street (late Secretary Master Plumbers' Association, New York); James Armstrong, 40 Courtlandt Street; James Henderson, 27 Sixth Avenue and 159th Street and St. Nicholas Avenue; Scott & Newman, 151 Ninth Avenue, by Geo. D. Scott (late President National Association Master Plumbers); James Gillroy, 592 Park Avenue (late President Master Plumbers' Association, New York); Wm. Young, 1022 Third Avenue; Wm. P. Austin, 123 West 38th Street; I. O. Shumway, 392 Fourth Avenue; Thomas Bailey, Amsterdam Avenue corner 151st Street; Fred T. Locke, 121 West 38th Street; Daniel Carroll, 62 West 34th Street; James Muir, Sons & Co., 27 East 20th Street; John Byrns, 425 Grand Street (late President National Association of Master Plumbers); John Haggarty, 101 West 55th Street; Louis Wirman, 798 Third Avenue; M. F. Boswell, 273 West 125th Street; Michael Sexton, 1112 Third Avenue; L. Cheevers, 763 Sixth Avenue; John L. Gillen, 1524 Second Avenue; B. F. Donohue, 1112 Park Avenue; Benj. F. Haskell, 420 Broom Street; John McCarron, 915 Sixth Avenue; John H. Schinnagel, 173 William Street; Sullivan & Gorman, 90 and 126 William Street; M. J. Beglen, 406 West 42d Street; Harkness Boyd, 505 Madison Avenue; H. Meier & Son, 1104 Second Avenue; Christopher Nally, 249 Columbus Avenue; Thos. Brady, 348 East 20th Street; Edward L. Vermilye, 294 Alexander Avenue; Wm. Otis Monroe & Son & Co., 599 Sixth Avenue; Pasco & Palmer, 1293 Broadway; Smith & Bateman, 983 Park Avenue; James & Co., 403 First Avenue; Ed. Jacobs, 8 Rector Street; C. A. Porter, 243 East 46th Street; Edw. J. O'Connor, 174 East 77th Street; Reynolds & McMahon, 309 West 145th Street, by John T. McMahon; Smith & Dowling, 2 Rector Street; W. J. Holborow, 226 Ninth Avenue; John M. Finian, 1724 Amsterdam Avenue; John Swift, 904 Eighth Avenue; Wm. F. Burke, 34 West 13th Street; Burgoyne & Steel, 118 Ninth Avenue; *J. N. Knight & Son, 755 Seventh Avenue (*Treasurer Master Plumbers' Association, New York); Wm. P. Smale, 206 East 80th Street; Peyrous Bros., 695 Third Avenue, 857 Courtlandt Avenue; Thomas T. Tuomey, 1238 Third Avenue (Financial Secretary Master Plumbers' Association, New York); John Gormly, 956 Second Avenue; D. & J. Deady, 146 East 16th Street, 105 West 97th Street; Guss Blass, 157 Norfolk Street; John Spence, 9 and 2204 Seventh Avenue.

DU BOIS MANUFACTURING CO.,
245 NINTH AVENUE, NEW YORK, N. Y.

THE BABCOCK AND WILCOX BOILER.

A COMPANY is being formed to take over the business of the Babcock and Wilcox Company, of New York, in so far as it relates to the manufacture and sale of this well-known boiler outside of the United States and Cuba. The capital to be raised is fixed at 240,000*l.*, divided into 10,000 six per cent

cumulative preference shares of 10*l.* each and 14,000 ordinary shares of 10*l.* each. Of these one-third of both preference shares and of the ordinary shares are to be allotted to the vendors as fully paid up, in part payment of the purchase money of the business. A further sum of 110,000*l.*, is to be paid to the vendors in cash, leaving a working capital of 50,000*l.* The books of the company, which have been examined by Messrs. Cooper Brothers & Co., chartered accountants, show a profit of 167,260*l.*, for the past three years, having increased from 15,074*l.*, in 1888, to 30,763*l.*, in 1890. Orders are now in hand for boilers to the extent of 25,000 horse-power, the number supplied last year aggregating 46,412 horse-power. Hitherto the boilers have been manufactured in Glasgow by arrangement with the Singer Manufacturing Company, and it is proposed to carry on this arrangement for a term of three years from the formation of the new company, and thereafter indefinitely, under a six months' notice. Amongst the directors we note the names of such well-known engineers as Sir William Arrol and Mr. Mair Rumley. The secretary of the company is Mr. Walter Shaw, of 114, Newgate Street, London. The subscription lists are to be opened simultaneously in Glasgow and London on July 2, and will close on or before July 4. — *Engineering.*

NEW YORK, N. Y., July 7, 1891.

TO CUSTOMERS OF THE BABCOCK AND WILCOX COMPANY, AND STEAM USERS GENERALLY:—

Gentlemen,—Mr. L. M. Moyes, formerly agent of this company at No. 32 North Fifth Street, Philadelphia, has surrendered the charge of our office and business at that point to our new agents, Messrs. W. C. Temple and Henry F. DePuy.

We request that any business which you may have to transact with our Philadelphia Office be done through either of these gentlemen, who will always be ready to attend to it at that place. Yours respectfully,

THE BABCOCK AND WILCOX COMPANY,
NEW YORK, N. Y.

THE BERLIN IRON BRIDGE COMPANY.

THE new works of the Berlin Iron Bridge Company, of East Berlin, Conn., are now completed; the company have all the machinery placed and are now running full time, employing in all departments four hundred men. The new shop in Cromwell is said to be one of the most complete and perfect bridge shops in this country. The building is made entirely of iron, no wood work being used about the construction except for the window sash. The roof trusses are all provided with trolley cars with which to move material back and forth about the building, and three lines of narrow-gauge

tracks extend the entire length of the building—these three tracks being connected at each end of the building by a transfer table. There is a skylight on each side of the roof, extending the whole length of the building, and for a distance of ten feet down from the eaves of the building on all sides it is made entirely of glass, so that the interior of the building is thoroughly lighted. The company have purchased a large amount of new machinery, and are now prepared to furnish all kinds of structural iron work, including iron buildings, iron roofs and iron bridges, on very short notice, and with their improved facilities it seems as though they should be able to furnish this class of work as cheap as any other company in America. Their large experience in this class of work, and their improved facilities, insure first-class work at a reasonable price.

BERLIN IRON BRIDGE COMPANY,
EAST BERLIN, CONN.

CHURCH LIGHTING.

THE objection to too many of the churches and public halls of the present day, is the unsatisfactory arrangements that are used for lighting them. In four cases out of five while the centre of the auditorium is flooded with a brilliant illumination the corners and alcoves are enveloped in semi-darkness.

This is the fault of the reflectors and is something to which church builders should pay particular attention. The old style reflectors concentrate the light into a narrow circle, or at least throw it only for a few feet making the pews in all but the centre of the auditorium undesirable.

These difficulties have been overcome by the Bailey Reflector Company of Pittsburgh, whose silver-plated corrugated-glass reflectors intensify the light and throw it into the farthest corners of the room. These reflectors have already been placed in thousands of churches throughout the country and are giving universal satisfaction.

If you are thinking of building a church you cannot do better than to write to the Bailey Company, Penn Building, Pittsburgh, Pa., for estimates and additional information. The reflectors are made for either gas, oil, or electric light and are guaranteed to give satisfaction.

BAILEY REFLECTOR COMPANY,
PITTSBURGH, PA.

A FEW WORDS ABOUT PAINTING.

THERE is a class of oils which, when thinly spread, in contact with the air undergo a certain chemical change called "drying." Linseed oil has this "drying" property in a high degree; hence its value in the preparation of oil paints. The drying property of the oil is increased by the addition of what are called "dryers"; they enable the oil to become more quickly converted into a tough,

elastic solid. Too much dryer causes the paint to peel or blister. Paint properly spread should be in a thin layer, as the paint begins to dry first at the surface. Paint laid on by an unpractised hand may require weeks to dry, whereas, if the coat had been properly applied, it would have dried in eight or ten hours. Paint too heavily laid on will show the want of skill in the hand that applied it by its "pitted" and wrinkled appearance.

The amount of paint required to cover a given surface will vary with the temperature at which it is applied, and will also be modified by the nature and character of the surface to be covered, and whether the surfaces are horizontal or vertical. Lastly, all other conditions being the same, the amount of paint required to cover any given surface will vary with the skill of the hand that applies the paint. This has been most strikingly illustrated in a large number of tests that we have caused to be made in order to determine the spreading power of Dixon's Graphite Paint in comparison with lead and mineral paints. Innumerable tests, made by painters who have had no self-interest in the matter whatever, have shown that when used side by side, and under conditions similar in every way, Dixon's Graphite Paint will cover three times more surface than any lead paint, and from two to three times more surface than any "mineral" or "metallic" paint. Twenty years' experience has demonstrated beyond question that a tin roof, well painted with Dixon's Graphite Paint, will not require repainting in ten to fifteen years. This makes it the most economical paint now in the market.

JOSEPH DIXON CRUCIBLE COMPANY,
JERSEY CITY, N. J.

THE USE OF VASELINE OIL.

At the vaseline factories some years ago, it was found that no dead rot appeared on the timber beneath the building where the vaseline oil had dripped or run through upon the timber, while within a few feet away the timber was in an advanced stage of decay where it had not come in contact with this vaseline oil.

Dexter Brothers, in combining this oil with linseed oil in their English shingle stains, have discovered that vaseline oil preserves not only the shingles but the color of the stains. The use of these shingle stains has grown largely, and the architects are using them on the finest houses.—*"Architecture and Building."*

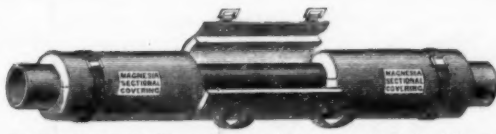
NOTES.

THE Magnesia Covering is now recognized by all competent judges as indispensable for steam pipes, hot-water pipes, boiler tops, boiler flues and all heated surfaces where a fireproof, vermin-proof, indestructible insulating material

MAGNESIA INSULATIONS.

STEAM-PIPE COVERINGS.

THEY ARE UNEXCELLED IN NON-HEAT CONDUCTING PROPERTIES. THEY ARE ENDORSED BY LEADING ARCHITECTS.



FOR WROUGHT-IRON PIPE. In Canvas Jacketed Sections 36 inches in length.

FIREPROOFING

FOR IRON COLUMNS,
BEAMS, CEILINGS,
SAFES AND VAULTS.

Magnesia Sectional Covering Co., Ambler, Pa.

ROBERT A. KEASBEY, 58 Warren St., New York.

ALFRED C. KEMPER, 208 and 210 Lake St., Chicago, Ill.

S. C. NIGHTINGALE & CHILDS, 134 Pearl St., Boston, Mass.

is required, that is permanent and durable, and at the same time capable of being easily removed and reapplied without loss, and is also economical in the highest degree.

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The *American Architect* has recently published a number of process photographs of boiler and engine rooms, showing the Guastavino fireproof construction, and in them can be seen the various steam pipes covered with the Magnesia Covering.

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Of American Architecture, - No. 5.

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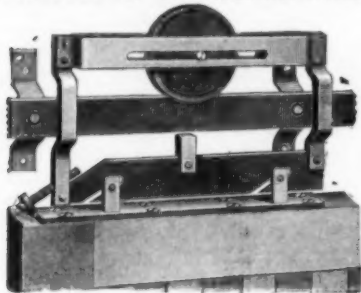
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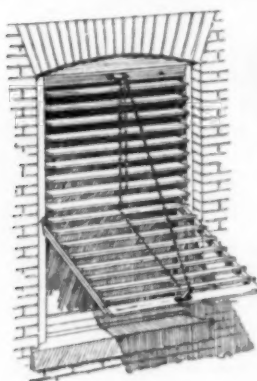


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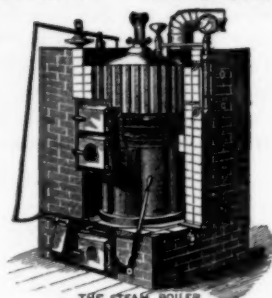
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BY

J. ALFRED GOTCH, F. R. I. B. A.

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ALTHOUGH the Architecture of the RENAISSANCE in other countries has during the last few years, received much attention, and been copiously illustrated, but little has been recently attempted towards illustrating the remains of the same period in England; yet the reign of Elizabeth was the time of great building activity, and was marked by a lavish display of magnificence in house building. Many of these buildings, stately, picturesque, and rich in beautiful detail, both inside and out, remain to us to show how problems of design were solved, which in their main conditions, come up for solution in the present day. It is these essentially English Buildings which the present work will portray. Hardwick Hall, Hatfield, Kirby, Burghley, Cobham, Blickling, are a few among the large and well-known houses; while Ragdale, Hambleton, Condoover, Brereton, Lilford, Longford, and many others, though not so famous, are no less interesting as examples of the style. The buildings selected are typical examples, chosen from the best that are available, and they range from Lancashire and Yorkshire in the North, to Devon and Kent in the South: stone, brick, and timber-built structures being all represented.

The photographic plates will comprise general views of the buildings, both exterior and interior, with special features to a larger scale; and although taken mainly from Domestic work, there will be a few notable monuments from Churches as well as woodwork from the same sources. In addition to the photographic plates there will be given twenty sheets of measured details, reproduced by photo-lithography from drawings specially prepared for the work, comprising some of the features given in the views as well as many others not suitable for photographic illustration.

The Text will be interspersed with about a hundred small sketches of other interesting features such as balustrades, dormer windows, corbels, groining bosses, carved panels, staircases, glazing, etc., etc., as well as some plans of buildings, and profiles of the principal mouldings. By this means it is hoped to make the work far more useful than it would be were it merely a collection of general views, and to render it not only a valuable study-book for the Architect, but of great interest to all who take pleasure in the remains of the richest period of Domestic Architecture which England has witnessed.

"The plates are very attractive, and should be full of instruction for professional students of architecture, as well as for all admirers of an art in which modern England has so much to learn from the past." — *London Times*.

"The reproductions are very good and represent the details of the buildings with great sharpness, as well as the texture of the stones and the incidents of light and shadow." — *London Builder*.

"For the general design and execution of the part before us we have nothing but praise. Within the limits which the authors have assigned to themselves we know of nothing to compare with it." — *London Daily News*.

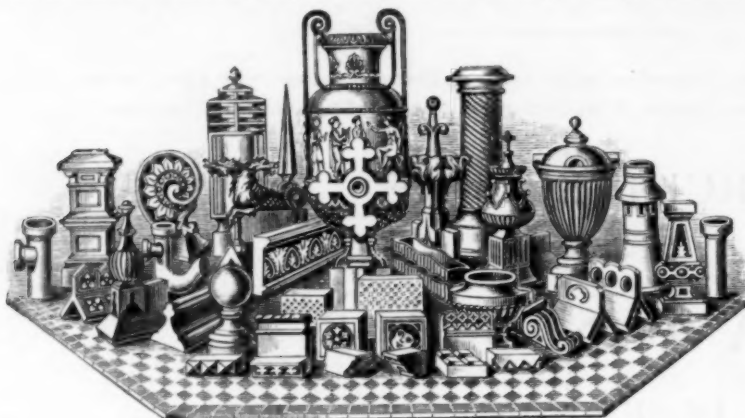
"The first part well realizes the promises with which it was announced. . . . The photographs were all specially taken for this fine work, and the plates in the first part are all well executed." — *London Building News*.

"A book the publication of which will certainly rank as one of the chief events of the architectural year." — *London Artist*.

"The book is admirably produced, and leaves little to be desired in respect of choice paper, type, and quality of printing, both of plates and letterpress. . . . The photographic work is very good in expressing the detail with clearness and precision." — *The British Architect, London*.

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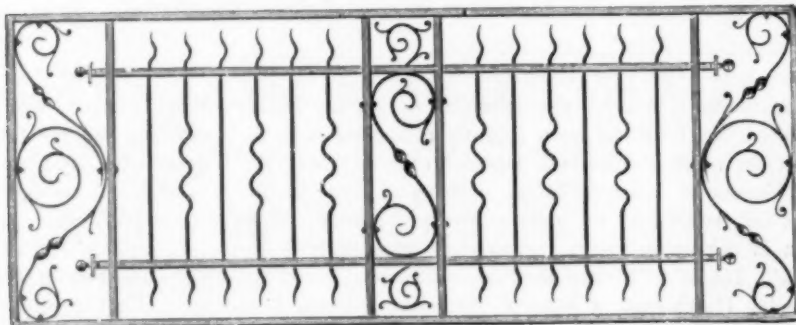
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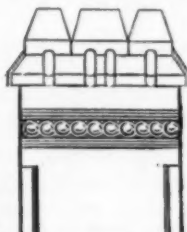
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THE AMERICAN ARCHITECT AND BUILDING NEWS

ADVERTISERS' TRADE SUPPLEMENT.

No. 111.

SATURDAY, SEPTEMBER 5, 1891.

VOLUME XXXIII.
No. 919.

MAJERT'S FLAX TAPESTRIES.

Of all the new decorating materials which have an interest for architects, there is one in particular, which in our opinion deserves to be mentioned, as being very well qualified as a first-class wall covering.

This new tapestry is manufactured through machinery especially constructed for it and entirely differs in appearance and texture from any other tapestry now in use. Where in all

If the raw and unprinted material forms by itself an attractive decoration, how much more wonderful and effective must the printed material be as a wall covering.

The dark and hard colors are best suited for the decoration of halls, dining-rooms, libraries, picture-galleries, churches, theatres, museums, artist's ateliers, etc., while for parlors, sitting-rooms, boudoirs, etc., the lighter and softer colors are best adapted. One

factorer to keep purely to that style represented, and this purpose he has successfully carried out.

Particularly to be recommended are the Italian, German and English Renaissance, Rococo, Heraldic, Italian and Spanish Gothic of the fifteenth and sixteenth centuries, which are all designs made after old fabrics and engravings by well-known designers and architects abroad, and are true studies of the above

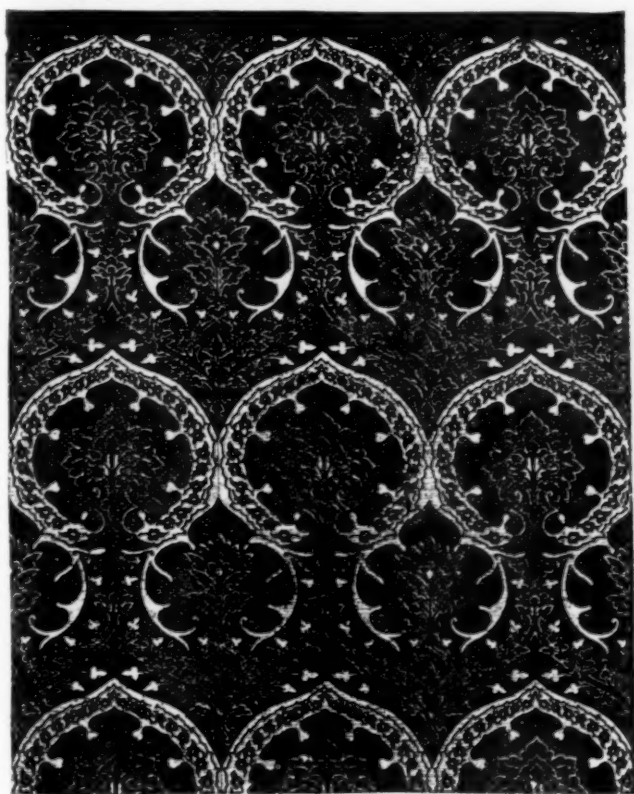


Fig. 1. Design No. 228. Italian Gothic, Fifteenth Century.



Fig. 5. Design No. 299. German Renaissance.

other materials the warp and filling consist of spun threads, in this case only the warp does, and the filling is the raw flax rinde in its natural state and retaining its full gloss. The flax rinde is about 3 times as thick as the warp thread and consequently the textures thus formed consist of different sized oblongs, which give the material a mosaic-like appearance; which is still more beautified by the natural gloss of the raw flax rinde, while the warp thread has a dull appearance and has no lustre at all.

great fault all other tapestries have, excepting silk, is that their appearance is lifeless and flat; but the Majert's Flax Tapestry, through their odd texture and natural gloss of the flax serve to bring out the designs, giving them a life-like and harmonizing appearance, particularly those which have a number of colors. We have several patterns in amber yellow and olive green, the like effects of which could not be produced in any other material.

It has always been the aim of the manu-

styles, producing a very æsthetic effect to the eye. There are besides these a number of modern designs. The patterns are characteristic in the harmonizing quietness which prevades them all, and although they are not loaded with gold and cheap varnish effects, like the Japanese wall-paper, they nevertheless produce an imposing appearance as a wall-decoration and are pleasing and quieting to the eye. There is a majesty and beauty in this new tapestry which cannot be produced by any other wall-decoration.

In this country Majert's Flax Tapestry has been already quite extensively used in private dwellings, but in Europe all public buildings, like the Exposition building at Berlin, eight rooms in the Court-House at Cologne, the waiting-room in the depot at Frankfort-on-the-Main and, hotels in Berlin, London and Rome, etc., have been decorated with it.

A great attraction for visitors at Frankfort-on-the-Main is a restaurant which has its walls covered with this material, upon which has been printed, in life size, allegorical figures.

Lack of space prevents us from treating further on this subject, but one thing we wish to draw attention to, and that is the colors, which are transparent, durable, free from poison, and allow the grain of the texture as well as the gloss of the flax to shine through.

There are no difficulties in the putting up of this material, it can either be pasted up on the wall like wall-paper, which any first-class wall-paper hanger can do, or put up on frames.

Mr. Emil Majert, is the sole agent in America for this new textile fabric. The tapestry is about 27 inches wide, and costs about the same as the finest quality of wall-paper or embossed leather papers, when, at the same time it is far more durable.

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216 CHURCH STREET, NEW YORK.

SOUND-PROOFING.

THE subject of sound-proofing has not received the attention of architects that it deserves. This apparent neglect is partly due to the fact that the methods usually employed do not give entirely satisfactory results.

Where the usual double floor is laid with paper between, it is evident that the paper is the only barrier against the sound waves passing through, and as it is an imperfect barrier, the sound is continually passing through the entire surface of the floor.

One of the best methods thus far discovered is to hang the ceilings on a separate set of beams, so that the sound passing from the floor into the beams supporting it is lost in the vacant space beneath. This method is seldom used on account of the expense attached to it.

Another method is that of using mortar between the beams, and is gradually being discarded on account of its weight and the necessity of applying it wet, thereby delaying the laying of the finishing floor.

By combining the first named method of double floor with paper to break the wood contact, and the last named, so that the sound that is passing through the floor is absorbed by the filling, we secure better results at a trifling increased cost.

As the mortar is at times objected to on the score of its weight (averaging 100 pounds per cubic foot) and its moisture, that has a tendency to dampen the wood, the use of Mineral Wool is becoming quite general, as its weight is only about 15 lbs. per cubic foot, and it is applied dry and does not retard the work in any way, its cost being the same as good mortar.

The underlying principle in above methods is that a dead or quiet air cell is the best non-conductor of sound if the material creating it (the cell) is not a good conductor itself.

In the first method, the cells are in the paper, and are not numerous enough to produce good results. The wood itself conveys sound readily along its fibres.

In the second method the sound is partly lost, as it were, through the entire space left

open, and is thereby reduced to a minimum which passes through the ceiling below.

In the third method, nearly all the sound that passes through the double floor with the paper lining is absorbed by the mortar or Mineral Wool, and this appears to be the nearest solution of the problem at the present time.

As the matter is demanding more consideration to enable tenants to live in moderate peace in flat-houses and hotels, it deserves more attention than it has received.

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TOWN AND COUNTRY READY-MIXED PAINTS.

THERE is an opinion more or less prevalent among architects and others interested in exterior color work that olive colors are less durable than most other colors. Very excellent effects may be obtained by the use of olives in graduated shades, but they have not been used to any great extent because of this idea as to their want of durability. Elsewhere in this issue Messrs. Harrison Bros. & Co., Philadelphia, publish a fac-simile letter as to the durability of olive shades of their "Town and country ready-mixed paint," from which it would appear that olive colors are as durable as any other. The "Town and country ready-mixed paints" are made of pure lead, pure zinc and pure linseed oil, as was shown by the analysis made by the Pittsburgh Association of Master Painters and Decorators, reported at the Seventh Annual Convention of the National Association of Master Painters and Decorators. A paint composed of these materials is generally acknowledged to be more durable than any other mixture. While white lead and oil have justly gained popularity, ready-mixed paints of a standard quality, such as "Town and Country" are equally durable, while less costly. Messrs. Harrison Bros. & Co., with the object of placing at the command of architects means of choosing good color combinations, have issued elaborate color cards, color perspectives, etc. These they will forward to any one on application who names the *American Architect*; they will also forward copy of the analysis of the paint above referred to.

HARRISON BROS. & CO.,
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A FEW REASONS WHY YOU SHOULD USE A FILING-CABINET.

THE first and chief reason for using the cabinet system is that it saves a vast amount of time, which is equivalent to a corresponding amount of money. The time saved is in dispensing with folding, endorsing, pasting, numbering or tying up the papers, being transferred along with the index without disturbing their position; also, in finding any particular paper, when wanted, by simply being able to go right to it, whether it is a week old or five years old, which is frequently an advantage of more value than the cost of the cabinet.

The next is: that by its use an enormous saving in space is effected.

The next is: that a long period of time can be covered by a system of files, filling them equally, instead of one at a time, and obviating the necessity of guessing at the date of any paper wanted.

The next is: that it is marvellously convenient in operation and neat in appearance.

A high degree of accuracy is insured by

the fact that it is much harder to file papers wrong than to file them right, and that the average number of papers to each division of a file is so small (about 30), that very few need be handled to find any particular one.

In former years, letter-filing cabinets were regarded as a commercial luxury, and were only appreciated by the progressive persons who used them. The feeling in this particular has gradually changed, however, until now the principle of filing papers by a system is universally approved among business men, and the cost of a cabinet considered not as an expense, but as a judicious and necessary investment. We need not argue that papers upon which the transactions of a business are based are worth preserving for a considerable time. It is universally admitted, therefore, that whatever system or apparatus does preserve them in perfect order and convenient of access is worth having.

The first cost of the cabinet should not be regarded as an item of expense, being a durable and ornamental piece of furniture; and, aside from the great satisfaction and convenience derived from its use, the actual time saved not only covers the cost of supplying duplicate indexes and cases for it, but in a short time pays the original cost of the cabinet itself.

The chief advantage in referring to papers by the cabinet system over the single-file system is in the more perfect subdivisions of matter, so that, in a properly arranged cabinet, any desired paper among 40,000 or more can be more readily found and referred to than the same paper among 500 in a single file.

Papers accumulate rapidly, and must be either destroyed or preserved. Those who wish to preserve them will find that it pays to have the most perfect and complete facilities for doing so.

Our letter-filing cabinet is not a mere case of drawers, but is a combination of letter-files, arranged into a system, so that it is, in fact, a single huge file with hundreds of subdivisions. This system divides and subdivides the papers alphabetically in exactly the same way that a large number of names are arranged in a directory, and also classifies the different classes of papers into single files or smaller alphabetical groups.

Each file is labelled on the outside to denote its contents, and provided with an index to subdivide the papers filed, in such a way as to be most equal and easy of access.

Our files and cabinets are selected and seasoned hardwood, carefully and substantially made and beautifully polished. The files are neatly-fitting drawers running on slides.

Cabinets are furnished with curtain-roll front or without, and special files may be provided with flat key-locks, if desired, at a small additional cost.

We carry a complete stock of all sizes in walnut, oak and cherry, and can furnish mahogany on short notice. The largest size cabinet made in one piece is seventy-five files, which is a large and heavy piece of furniture. Larger systems are attained by combining two or more cabinets. Thus a ninety-file cabinet is made of two forty-fives, a one-hundred-and-twenty-file cabinet of two sixties, etc.

We are willing that you shall be the judge in this matter, as we sell all of our goods subject to approval, with a full guarantee that if they are not as represented they may be returned at our expense.

It costs the customer nothing but the freight one way to satisfy himself whether or not our cabinet is of value to him. We not only guarantee that it will effect the result we claim, but also guarantee that it will give satisfaction, and, if it does not do so, may be returned at our expense.

We could not afford to take such risk unless the merits of our goods, both as to system and workmanship, justified our confidence in them.

We have this confidence in our goods, as we claim to be the leaders in our particular line, having the largest factory in the world devoted to the production of office appliances exclusively.

We solicit your patronage.

THE GLOBE COMPANY,

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NOTES.

THE Globe Ventilator Co., of Troy, N. Y., has just placed one of their large (40") ventilators in the public school at Lockport, N. Y.

THE Globe Ventilator Company of Troy, N. Y., have just placed one of their large ventilators on the new public school building at New Brunswick, N. J.

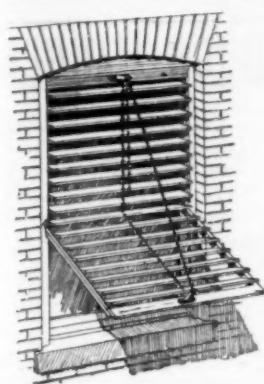
THE new Electric Light Plant for the Pawtucket Gas Co., at Pawtucket, R. I., will be very substantial. The dynamo room will be 60' x 150', the engine-room 58' x 78' and the boiler-room 60' x 80'. The side walls will be of brick with iron roof, covered with corrugated-iron. The whole plant will be built by the Berlin Iron Bridge Co., of East Berlin,

Conn., after the plans and specifications of Remington & Henthorn, Engineers and Architects, of Providence, R. I.

AMONG the recent sales of the L. J. Wing Co., may be reported the following:

New York Sun Office, New York; New York Press Office, New York; Christian Herald Pub. Co., New York; American News Co., New York; Central Safe Deposit Co., New York; Wheelwright & Co., Wall Street, New York; Postal Telegraph Co., New York; Hotel Marlborough, New York; E. S. Higgins & Co., Carpets, New York; N. Y. Steam Fitting Co., New York; Columbia College, New York; G. A. Upton, Boston, Mass.; W. H. Tolhurst & Son, Troy, N. Y.; Cheney Bros., silks, Manchester, Ct.; F. J. Wheeler, Meriden, Ct.; Victoria Mills, Newburyport, Mass.; Standard Silk Co., Phillipsburg, N. J.

IN looking over the catalogue which we recently received from Berry Bros., of Detroit, Mich.—a very attractive catalogue in appearance, by the way—we were impressed by the great capacity of their varnish tanks. A little figuring discovered the fact that their contents would amount to 297,500 gallons which, if they should all spring leak at the same time, would form a puddle one inch deep and covering about 640,000 square yards of surface. A puddle of varnish of this size would, if the site upon which the city of Detroit stands should be properly levelled and prepared, furnish varnish enough to give such site a handsome coat. Figures also disclosed the fact that if the varnish were turned into a graving-dock, for instance, it would float an armored gun-boat over 100 feet in length with 40-foot beam and a draught of 9 feet. We do not believe that Berry Bros. need ever try either of these experiments—though as advertising expedients they might have their uses—as we understand they have no difficulty in disposing of their varnish for its more legitimate use.



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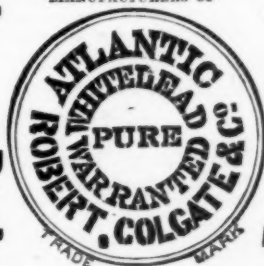
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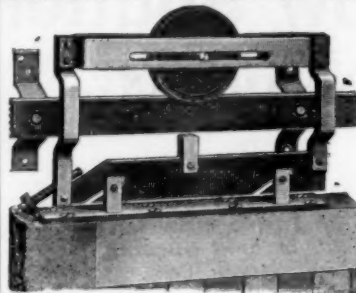
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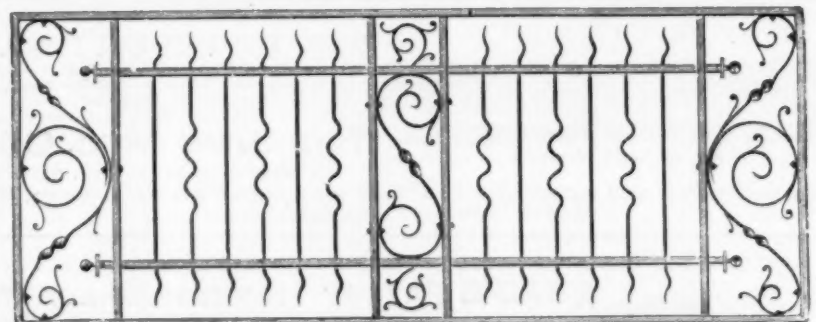
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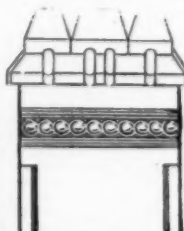
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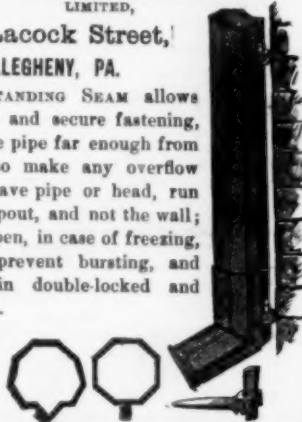
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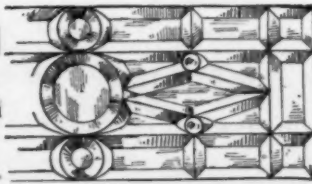
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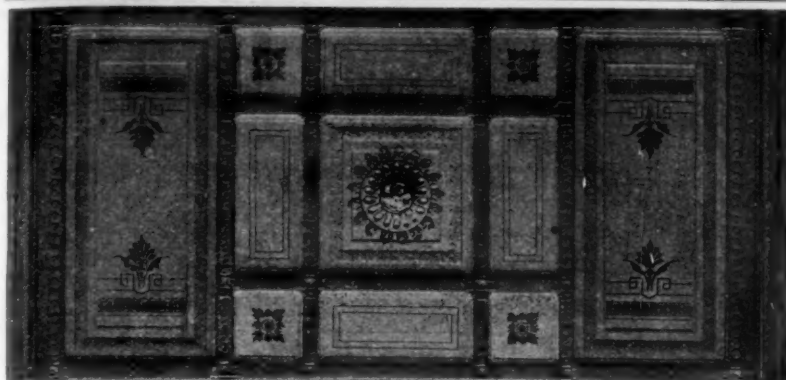
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Pine, shaved.....P. M.	5 00 @ 6 00	@	Not sold.	
Pine, sawed....."	4 00 @ 5 00	4 50	2 20 @ 3 00	
Spruce, sawed....."	1 50 @ 2 00	1 50 @ 00	Not sold.	
Redwood.....P. 125	1 40 @ 1 60	3 75 @ 4 00	6 00 @ 7 50	30" \$35 @ 40
Cedar split.....P. M.	@	@	Not sold.	24" 8 @ 21
Cedar sawed.....P. M.	@	2 00 @ 4 00	2 00 @ 2 35	30" 35 @ 14
Cypress, Split.....7 x 24. "	18 00 @ 20 00	5 00 @ 6 00	3 50 @ 4 00	11 00 @ 14 00
Miscellaneous:				
Piles.....P. ft.	4 @ 5	Piles 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	40 @ 1 25
Chestnut posts.....	@	25 @ 50	Not sold.	20 @ 30
Finishing Woods: P. M. (First Qual.)				
Ash.....	@ 55 00	45 00 @ 60 00	30 00 @ 35 00	30 00 @ 40 00
Cherry.....	80 00 @ 120 00	85 00 @ 120 00	80 00 @ 110 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 00 @ 160 00	150 00 @ 200 00	150 00 @ 250 00
Mahogany, Baywood (Mexican).....	@ 350 00	120 00 @ 350 00	200 00 @ 250 00	200 00 @ 400 00
" St. Domingo.....	45 00 @ 70 00	45 00 @ 50 00	18 00 @ 25 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	65 00 @ 75 00	45 00 @ 50 00	60 00 @ 75 00
" quartered.....	@ 90 00	50 00 @ 65 00	35 00 @ 50 00	57 50 @ 65 00
Sycamore quartered.....	@ 70 00	50 00 @ 75 00	35 00 @ 50 00	@ 65 00
Pine, clear.....	65 00 @ 70 00	60 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
Redwood.....	60 00 @ 70 00	@ 6	@ 7	
Rosewood.....P. lb.	@ 6	32 00 @ 35 00		
Spruce floors (clear, kiln-dried).....	125 00 @ 150 00	85 00 @ 120 00	55 00 @ 100 00	50 00 @ 170 00
Walnut, black.....	45 00 @ 50 00	40 00 @ 45 00	18 00 @ 40 00	25 00 @ 40 00
Whitewood.....	@ 45 00	40 00 @ 42 00	29 00 @ 40 00	50 @ 45 00
Yellow pine.....P. M.				

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	New York.	Boston.	Chicago.	Philadelphia.
	(Wholesale Prices.)		(Prices to Builders and Contractors.)	
BRICK.—P. M.				
Common: Cargo afloat.				
Pale.	2 00 @ 2 50	Eastern } 9 00 @ 10 00	Building Brick } 1 05 @ 1 30	Sq. Hard } 2 75 @ 3 00
Jersey.	4 00 @ 5 25	Bay State Hard } 1 00 @ 1 25	@ 6 50	@ 2 85 @ 3 25
Long Island.	@ 5 00	8 00 @ 9 00		Salmon " @ 5 00
Up River.	4 00 @ 5 00	Domestic Com. } 9 50 @ 10 00	Indiana Pressed } 14 00 @ 20 00	Sq. " @ 9 00
Haverstraw Bay 2d.	5 00 @ 5 50	Domestic Face } 20 00 @ 22 00	St. Louis Fronts } 27 00	Light Stretchers @ 10 00
" 1st.	5 50 @ 6 00	Philadelphia } 40 00 @ 45 00		Medium " @ 12 00
Hollow.	@ 13 00	Phila. mould } 50 00 @ 80 00		Red " @ 13 00
Fronts:				Dark " @ 13 00
Croton, Brown.	@ 13 00	Anderson } 14 00 @ 32 00	15 00 @ 27 00	Pressed " @ 13 00
" dark.	@ 14 00		65 00 @ 350 00	18 00 @ 20 00
" red.	@ 14 00		45 00 @ 50 00	Best Paving " @ 14 00
Chicago pressed (Anderson).			25 00 @	Second " @ 13 00
Moulded.			60 00 @ 100 00	Third " @ 12 00
Baltimore.	37 00 @ 41 00		30 @	
Philadelphia.	23 00 @ 24 00		35 @	Dom. { @ 65
Trenton.	22 00 @ 23 00		55 00 @ 65 00	@ 85
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	1 20 @ 1 40	Not sold.	1 30 @ 1 50
Louisville "		Brooks, S. & Co.	1 05 @ 1 30	BS&Co 2 75 @ 3 00
Utica, Akron, Buffalo, Milw'kee.	Not sold.	2 60 @ 3 00	1 00 @ 1 25	2 85 @ 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
" " Black Cross.	2 25 @ 2 50	2 60 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" " (Burnham).	2 40 @ 2 80	2 60 @ 3 00	2 90 @ 3 15	2 75 @ 2 85
" " (White's).	2 65 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	
" " French (Lafarge).	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor } 2 50 @ 2 75
" " German (Alsen).	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	2 75 @ 2 85
" " (Fewer).	2 25 @ 2 40	3 15 @ 3 35	3 20 @ 3 40	
" " (Vorwohler).	2 50 @ 2 90	Cleopatra	@	Josson } 2 60 @ 2 75
" " (Lagerdofer).	@	2 55 @ 3 00	2 75 @ 3 00	3 00 @ 3 25
" " (Dyckerhoff).	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	2 75 @ 2 85
" " (Hanover).	2 50 @ 3 00		Not sold.	
" " Stettin (Anchor).	2 35 @ 2 85		Not sold.	
" " American (Saylor's).	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	2 70 @ 3 00
Roman.	2 75 @ 3 00	@ 3 00	2 75 @ 3 25	3 00 @ 3 50
Kenne's coarse.	5 75 @ 6 50	@ 6 00	6 00 @ 7 00	6 50 @ 7 00
superfine.	9 25 @ 10 25	@ 11 50	9 00 @ 10 50	8 00 @ 9 00
Lime:				
Lime of Tell.	3 50 @ 4 00		Not sold.	White Lime P bush 25 @ 30
Hydraulic Lime.	@ 1 45	@ 1 35		{ White Mash 1 25 @ 1 50
Chicago Lime in bulk.		St. John 1 00		1 00 @ 1 00
Wisconsin Lime.				
Rockland and Rockport, (Com.).	@ 90	@ 1 05	Not sold.	Not sold.
Rockland and Rockport, finish.	@ 1 00	@ 1 10	Not sold.	Not sold.
Kelley Island Lime, finish.	@ 1 20	@ 1 20	1 00 bulk, 75c.	Not sold.
State, com. cargo rates (nom.).	@ 85	Not sold.	Not sold.	Not sold.
State, finishing.	@ 1 05	Not sold.	Not sold.	Not sold.
Plaster of Paris (calcined).	1 20 @ 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) P bush.	16 @ 18	25 @ 30	20 @ 25	20 @ 25
" (Goat).	20 @ 22	@ 30	30 @ 35	30 @ 35
Sand, P load.	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
STONE. (P. cubic foot, rough.)				
Granite: (Maine)		@ 60		
limestone:				
Bedford.	45 @ 1 25	95 @ 1 00	50 @	75 @ 90
Joliet.	@ 1 00		35 @ 55	Richmond 75 @ 1 50
Lemont.	@		35 @ 60	P Perch @ 4 50
Serpentine.	@	10 50 per ton	@ 1 00	

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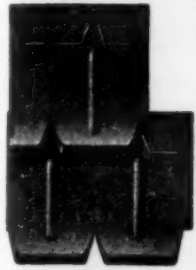
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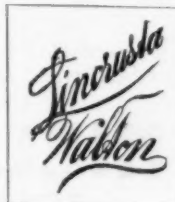


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Colorito	2 1/2			
Red	3			
White	1 7/8			
Foundation:				
Dimension		5 00 per ton.		
Block		4 60 per perch.		
Rubble		1 25 @ 1 50	8 50 @	
Bluestone: (per sq. ft.)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 25
Planned	50 @ 6 00	@ 75	50 @ 1 00	37 @ 50
Sandstone:				
Longmeadow	@ 80	80 @ 90		
Kibbe	@ 90	90 @ 1 10		
Brown (Connecticut)	1 00 @ 95	1 25 @ 1 45	1 50 per cub. ft.	95 @ 1 16
Amherst	75 @ 1 00	80 @ 1 00	45 @ 50	1 05 @ 1 35
Bersa	75 @ 1 00	85 @ 90	45 @ 55	55 @ 1 00
Berlin	80 @ 1 25	80 @ 90	55 @ 65	
Belleville	@ 1 00	1 25 @ 1 35	@ 1 25	1 10 @ 1 00
New Brunswick (Dorchester)	@ 1 05	75 @ 90		1 00 @ 1 00
Caen	@ 1 05	@ 2 00		1 25 @ 1 00
Carlisle, English	@ 1 05	@ 1 05		95 @ 1 00
Corse Hill (Scotch)	@ 1 05	@ 1 05		@
Marble: (per cu. ft.)				
Lee, Mass.		1 75 @ 2 50	Not Sold.	2 00 @ 2 50
Rutland, white and blue	1 25 @ 1 75	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls		@ 2 00	3 50 @ 6 00	1 70 @ 3 00
Glen Falls, black			Not Sold.	4 00 @ 4 50
Italian, blue-veined			@ 4 40	2 50 @ 2 75
Sienna			Not Sold.	@ 5 00
Tennessee, red			@ 4 40	4 00 @ 6 00
Pennsylvania, blue			@ 4 40	3 00 @ 4 00
Vermont, white			Not Sold.	2 00 @ 3 00
Slate: Roofing (per 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	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
black, Lehigh	4 25 @ 4 75		6 25 @ 6 85	3 25 @ 4 00
Chapmans			7 30 @ 8 00	4 00 @ 4 65
Unfading black, Monson, Me.	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am. M.			Not Sold.	@ 25 00
N. Peach Bottom, warranted unfading				6 00 @ 6 75
PAINTS. (In Oil per lb.)				
White lead, Am.	7 @ 7 1/2	7 1/2 @ 7 1/2	6 1/2 @ 7	@ 7 1/2
red lead, Am.	6 1/2 @ 7	7 1/2 @ 7 1/2	6 1/2 @ 7	@ 7 1/2
Venetian	6 @ 10 1/2	7 @ 12	1 1/2 @ 2 1/2	dry Eng. @ 7
Vermillion	65 @ 70	75 @ 80 dry	65 @ 68	Eng. 6 1/2 @ 7
Indian, Eng.	12 @ 20	12 @ 20	12 @ 20	dry Am. @ 1 1/2
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	@ 18
Chrome	12 @ 20	18 @ 25	15 @ 25	@ 21
Green (chrome)	8 @ 13	8 @ 20	8 @ 20	@ 20
Green, Paris	25 @ 40	25 @ 40	18 @ 35	@ 12
Black, lamp	15 @ 25	15 @ 25	8 @ 30	@ 24
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	@ 60
Oil, linseed, (raw)	55 @ 62	48 @ 49	57 @ 60	@ 63
boiled	58 @ 65	51 @ 52	60 @ 63	@ 44
Turpentine	38 1/2 @ 39	42 @ 43	51 @ 51	125 @ 3 00
Varnish, coach		1 50 @ 6 00	1 25 @ 2 00	150 @ 3 00
Shellac		2 50 @ 3 00	2 25 @ 4 00	2 @ 2 1/2
Putty	2 @	2 @ 4	2 @ 2 1/2	@ 1
Whiting	75 @ 1 00	2 @ 3	1 1/2 @ 2	1 1/2 @ 2
Paris white, (Eng.)	1 30 @ 2 00	2 @ 3	6 @ 7	@ 7 1/2
Litharge, Am.	5 1/2 @ 6	7 1/2 @	4 @ 16	4 @ 14
Sienna (burnt)	14 @ 20	14 @ 20	2 @ 10	2 @ 13
Umber	14 @ 20	14 @ 20		
HARDWARE.				
Nails: (Per Cask.) Spikes, (wrought.)	@ 2 85	@	2 75 @ 3 00	per keg @ 2 25
10d. common	@ 2 60	@ 2 15	@ 2 35	@ 2 30
Shingle	@ 3 35	@ 2 25	@ 2 75	@ 2 60
Lath	@ 4 85	@ 3 45		3 00 @ 4 75
(Finishing nails according to size.)			Add .85 to \$1.15	per lb. 4 @ 6
(For casing nails add 75 c. per keg.)			50 to .90	Add per cask
Butts: 4" x 4" (per doz. pairs.)				2 90 (all kinds.)
Plain	@ 1 00	@ 1 20	@ 90	@ 90
Japaned	@ 1 50	@ 1 75	Not Sold.	1 35 @ 2 00
Acorn, Japaned	@ 1 50	@ 1 90	2 00 @ 3 75	1 35 @ 2 75
Bell Tip, Boston Finish (per pair.)	@ 65	@ 50	Not Sold.	48 @ 50
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Brass (for cupboards)	@ 10	@ 10	@ 12	@ 1 00
Ebony	@	@	@	@ 35
Apple wood	@	@	@	37 @ 1 00
Knobs: (per set.)				
Mineral, best	@ 8	@ 8	8 @ 10	Not Sold.
Lava	@ 50	@ 75	65 @ 80	25 @ 50
Hemacite	Not Sold.	17 @ 33	31 @ 40	@ 25
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	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:			13 @ 16	13 1/2 @ 16
Sheet Lead	@	@ 7 1/2	@ 7	@ 6 1/2
Lead Pipe	@	@	@ 6 1/2	@ 6
Iron:				
I-Beams, up to and including 36 ft.	3 3-10 @ 3 1/2	@ 3 1-10	@	@ 2 8-10
I-Beams, over 30 ft. 1/2 c. advance	@	@	3 20 @ 3 70	@ 2 8-10
Channel-Beams	3 3-10 @ 3 1/2	@ 3 1-10	3 20 @ 3 70	@ 2 8-10

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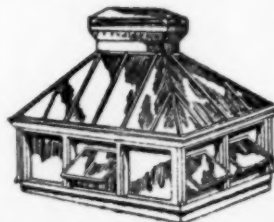
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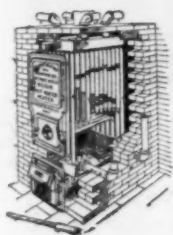


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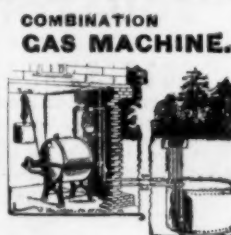
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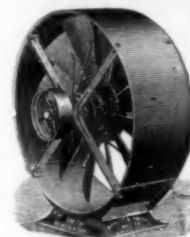
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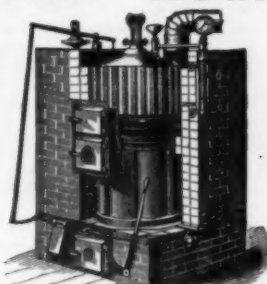


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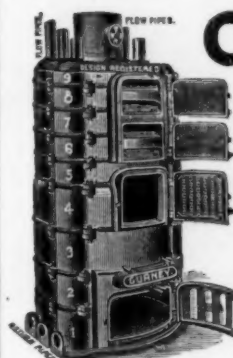
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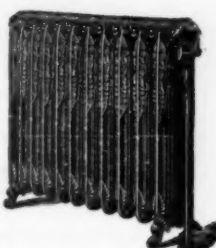
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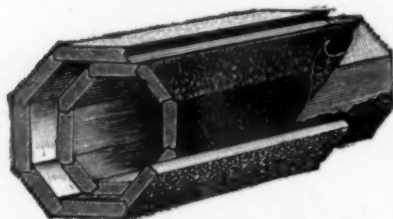
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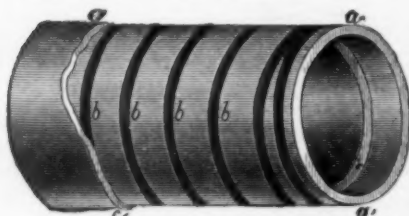
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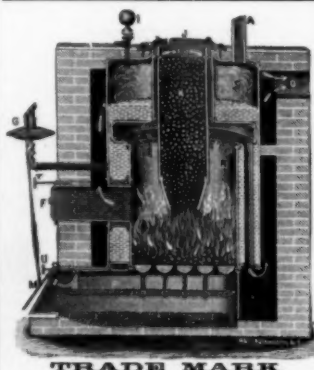
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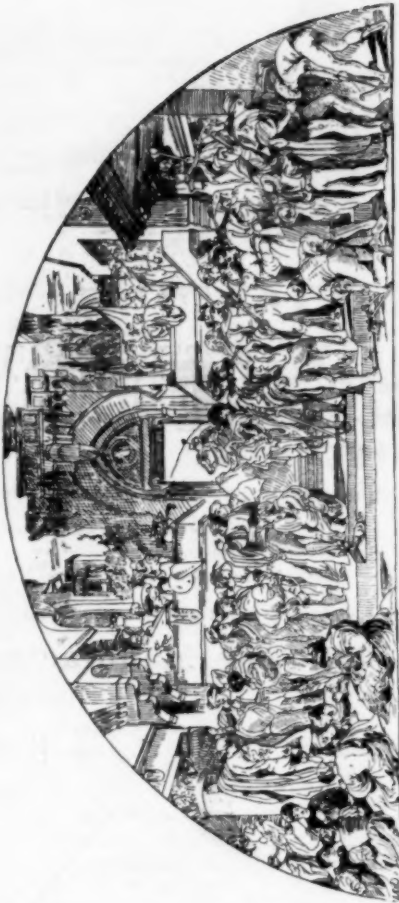


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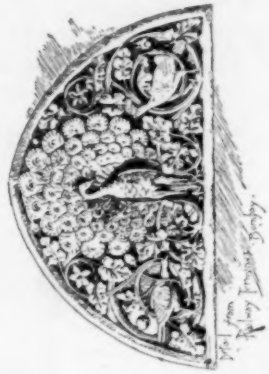
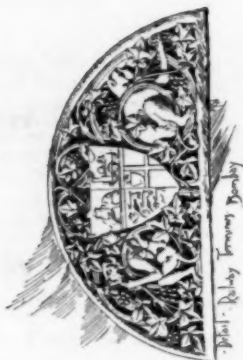
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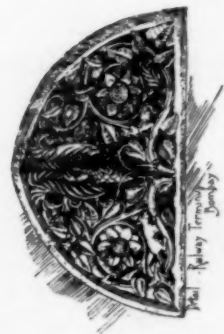
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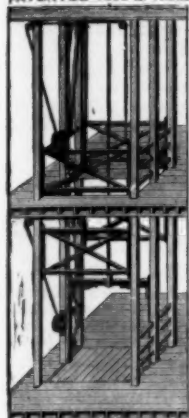
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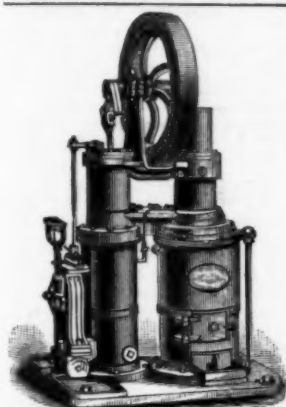
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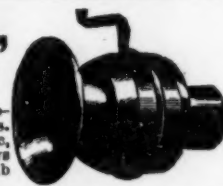
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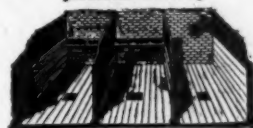


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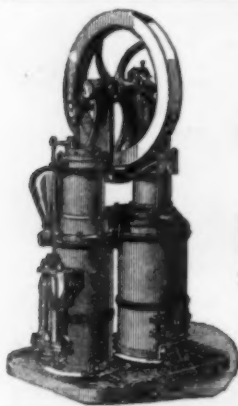
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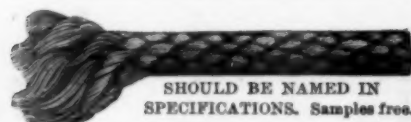
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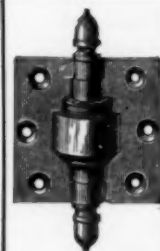
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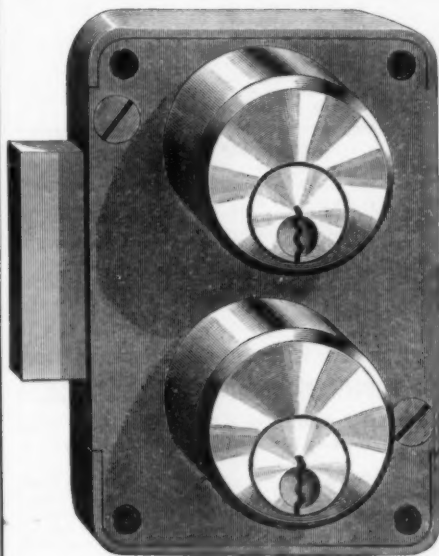
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454,459. STEAM OR HOT-WATER GENERATOR.—Daniel A. Dickinson, St. Paul, Minn.

454,462. ELECTRIC ELEVATOR.—Rudolf Eickmeyer, Yonkers, N. Y.

454,481. STONE-FLANING MACHINE.—Charles Kennedy, Joliet, Ill.

454,482. HOT-AIR FURNACE.—Martin Koehler, Toledo, Ohio.

454,492. HOT-AIR CHIMNEY-FLUE DRAUGHT.—Valentine Oster, St. Louis, Mo.

454,513. SASH—FASTENER.—Edward A. Beisel, Port Jervis, N. Y.

454,517. INLAID WOODWORK.—Allan B. Cameron, Williamsport, Pa.

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454,545. SEAT FOR WATER-CLOSETS.—John Reid, Yonkers, N. Y.

454,569. CALIPERS.—John H. Dyson, Manzanilla, Wm.

454,589. LEVER FOR STONE-CHANNELLING MACHINES.—Jacob Hengen, North Amherst, Ohio.

454,591. ELEVATOR.—John R. Hopper, Rochester, N. Y.

454,616. SASH—BALANCE.—Benjamin Marshall, San Francisco, Cal.

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454,843. WATER-CLOSET SEAT.—Gertrude J. Krenelberg, New York, N. Y.

454,744. COATING FOR FILES, ETC.—Frederick E. Lampert, San Francisco, Cal.

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454,746. ELECTRICAL FIRE-ALARM.—Brunswick W. Leonard, Saybrook, Conn.

454,779. VISE.—David F. Tallmann, Lyme, N. H.

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From Havre.—Ship "Gellert," 22 cases plaster, Diefenbrock & Uhlmann.

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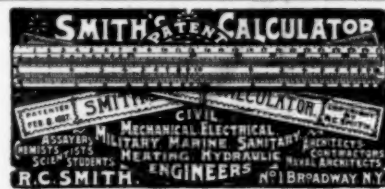
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Richards St., n e cor. Browne St., two-sty brick factory, gravel roof, three-sty brick extension, etc.; cost, \$2,000; owners, J. H. Williams & Co., on premises; architects, Wm. Field & Son, 1030 Gates Ave.

Broadway, n e cor. Schaeffer St., one-sty frame store, gravel roof, raised two stories; cost, \$3,000; owner, Joseph W. Hawkes, 19 Covert St.; architect, J. Gillingham, 104 Cooper Ave.

North Elliott Pl., No. 108, two-sty brick dwell., tin roof, raised two stories and other alterations; cost, \$5,000; owner, John Gallagher, 16 North Elliott Pl.; architect, A. Herbert, 145 Broadway.

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Repairing Third National Bank; cost, \$5,000; owner, Third National Bank; contractors, Milburn & Rich.

Worcester, Mass. — Pleasant St., one-st'y frame addition to stable; owner, Geo. Newton; contractors, Darling Bros.; architect, B. S. Newton.

APARTMENT HOUSES.

Brooklyn, N. Y. — St. Mark's Ave., n s, 250' w Vanderbilt Ave., 2 four-st'y brick flats, tin roofs; cost, \$12,000; owner, E. Doderstrom, 626 Bergen St.; architect, W. H. Wirth, 338 Seventeenth St.
Butler St., n s, 50' w Classon Ave., four-st'y brick flat, tin roof; cost, \$9,000; owner, John Chambers, 721 Butler St.; architects, J. D. Reynolds & Son, 363 Fulton St.

Minneapolis, Minn. — Peterson & Lofgren Bros., frame apartments, 1801-03 Ninth Ave., n; cost, \$20,000.
Peterson & Lofgren Bros., frame apartments, 909-971 East Eighteenth St.; cost, \$20,000.
Jno. Kroft, brick flat and store, 2023 Washington Ave., n; cost, \$5,000.

New York, N. Y. — East Eighty-seventh St., No. 64, five-st'y brick flat, tin roof; cost, \$20,000; owner, Marie Uckerman, 412 East Eighty-third St.; architect, Edward Wenz, 1491 Third Ave.

West Eleventh St., No. 53, five-st'y brick flat, tin roof; cost, \$30,000; owner, John J. Crawford, 119 West One Hundred and Twenty-seventh St.; architect, George Pelham, 1481 Broadway.
One Hundred and Seventeenth St., s s, 125' w Fifth Ave., 3 five-st'y brick flats, tin roofs; cost, \$72,000; owner, John D. Helms, 321 Pleasant Ave.; architect, G. Robinson, Jr., 247 West One Hundred and Twenty-fifth St.

West Twelfth St., n s, 225, 11' w Greenwich Ave., 2 five-st'y brick flats, tin roofs; cost, \$40,000; owner, Amund Johnson, 121 Franklin Ave., Brooklyn; architect, John C. Burne, 1531 Third Ave., cor. Eighty-sixth St.

Third Ave., No. 395, five-st'y brick flat, tin roof; cost, \$25,000; owner, Catharine Roche, 344 West Twenty-second St.; architects, Renwick, Aspinwall & Russell, 71 Broadway.

Bedford St., Nos 104-106, 2 five-st'y brick flats, tin roofs; cost, \$50,000; owner, G. C. MacLaughlin, 1795 Third Ave.; architect, Herman Horenburger, 682 East One Hundred and Fifty-ninth St.

St. Nicholas Ave., e s, 60' w One Hundred and Sixteenth St., five-st'y brick flat, tin roof; cost, \$30,000; owner, Simon Haberman, 250 West One Hundred and Twenty-first St.; architect, G. A. Schellinger, 128 Broadway.

One Hundred and Sixteenth St., s s, 98' e Seventh Ave., 2 five-st'y brick flats, tin roofs; cost, \$60,000; owner, Simon Haberman, 250 West One Hundred and Twenty-first St.; architect, G. A. Schellinger, 128 Broadway.

One Hundred and Sixteenth St., s e cor. Seventh Ave., seven-st'y brick flat, tin roof; cost, \$100,000; owner, Simon Haberman, 250 West One Hundred and Twenty-first St.; architect, G. A. Schellinger, 128 Broadway.

CHURCHES.

Brooklyn, N. Y. — Fulton St., n w cor. Market St., one-st'y frame church, tin roof; cost, \$4,000; owner,

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brick store and lodge-room, tin roof, internal and other alterations; cost, \$12,000; owner, Zoellner Mennerich, on premises; architect, Th. Engelhardt, 905 Broadway.
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brick school-house, tin roof, three-st'y brick extension, tin roof; cost, \$25,000; owner, Board of Education, 131 Livingston St.; architect, J. W. Naughton, 131 Livingston St.
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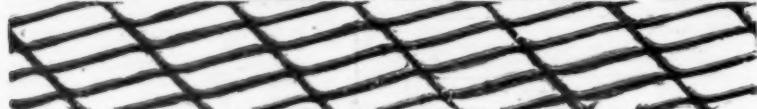
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Liberty Ave., s. s. 100' e Wyona St., one-st'y frame church, slate roof; cost, \$9,000; owner, The Zion German Evangelical Church, 221 Atlantic Ave.; architects, Danmar & Fischer, 221 Atlantic Ave.
Throop Ave., n. e. cor. McDonough St., one-st'y brick church, slate roof; cost, \$30,000; owner, Rev. James I. Woods, Macon St.; architect, T. F. Houghton, 340 Fulton St.

New York, N. Y. — *Seventy-seventh St.*, cor. West End Ave., parochial buildings for the Collegiate Church; architect, R. W. Gibson.

St. Louis, Mo. — Brick church, cost, \$42,000; owner, Union M. E. Church; contractors, Goosse & Remmers.

First Swedish Church; one-st'y brick church; cost, \$3,000; owner, First Swedish M. E. Church; contract, sub-let.

Stone church; cost, \$30,000; owners and contractors, Mt. Cabanne Christian Church.

FACTORIES.

Boston, Mass. — *Charlestown St.*, Nos. 128-130, Ward 7, four-st'y brick factory, flat roof, 47' x 89'; owner, Agnes McGaw; builder, John Kielly.

Chicago, Ill. — Albert H. Vilas, six-st'y factory, 321-325 West Lake St.; cost, \$42,000.

Brooklyn, N. Y. — *Flushing Ave.*, s. e. cor. Cumberland St., four-st'y brick wagon-factory, asphalt and gravel roof; cost, \$30,000; owners, The Shadbolt Mfg. Co., premises; architect, M. J. Morrill, 357 Fulton St.

St. Louis, Mo. — Three-and-one-half-st'y brick factory; cost, \$12,300; owner, Dodson Hills Mfg. Co.; contractors, Itner & Spore.

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One-st'y brick factory; cost, \$11,000; owner, F. Meyer; sub-let.

HOSPITALS.

Boston, Mass. — *Dimmock St.*, near Notre Dame St., Ward 21, two-st'y brick hospital, pitch roof; for N. E. Hospital for Women & Children; builders, Wilson Bros.

Chicago, Ill. — Cook County, two-st'y hospital, Polk and Wood Sts.; cost, \$40,000.

HOTELS.

Philadelphia, Pa. — *Broad St.*, n. e. cor. Spruce St., six-st'y hotel; contractor, J. D. Allen.

HOUSES.

Boston, Mass. — *Beacon St.*, Nos. 468 and 470, Ward 11, 2 four-st'y brick dwells., flat roofs, 25' x 75' and 35' x 75'; owner, James B. Case; builders, B. D. Whitecomb & Co.

Blossom St., cor. Allen St., Ward 9, brick dwell., 29' x 39'; for Massachusetts General Hospital; architects, Fehmer & Page.

Forest St., near Vine St., Ward 20, three-st'y frame dwell., 25' x 58'; owner, Charlotte S. Smith; builder, C. H. Blodgett.

Coolidge Ave., near Bernard St., Ward 24, frame dwell., 25.6' x 41'; owner, E. F. Tilden; builder, E. O. Goodwin.

Hillside St., near Parker Hill Ave., Ward 22, three-st'y frame dwell., hip roof, 25' x 43'; owner, James Cahies; builder, J. H. Pincos.

Lincoln St., cor. Dorchester Ave., Ward 22, three-st'y frame dwell. and store, flat roof, 29' x 49'; owner, Wm. Ryan; builder, Frank Silva.

Nonantum St., near Neponset Ave., Ward 24, frame dwell., 21.10' x 39'; owner, G. C. Harbinson; builder, S. J. Wilde.

Grotto Glen, near Day St., Ward 22, three-st'y frame dwell., flat roof, 24' x 43'; owner, F. Paskel; builder, V. Bock.

Cunningham St., near Howard Ave., Ward 20, frame dwell., 25' x 38'; owner, J. T. Thompson, trustee; builder, W. R. Dixon.

Tolmas St., near Neponset Ave., Ward 24, three-st'y frame dwell., flat roof, 24.6' x 47.6'; owner, John Enwright; builder, J. S. Carney.

North Harvard St., near Home Ave., and near Cambridge St., Ward 25, four frame dwells., 22' x 40.9'; owner and builder, C. R. McKay.

Meridian St., opp. Monmouth St., Ward 1, 2 three-st'y frame dwells., 22' x 68'; owners, Thomas Arthur; builder, J. C. Hamilton.

Trenton St., junction White St., Ward 1, two-st'y frame dwell., hip roof, 25.6' x 52.8'; owner, J. B. Macabee; builder, D. W. Belcher.

Home Ave., near North Harvard St., Ward 25, 6 two-st'y frame dwells., gambrel roof, 24' x 34'; owner and builder, C. R. McKay.

Chestnut Hill Ave., near Commonwealth Ave., Ward 25, two-st'y brick dwell., mansard roof, 46.6' x 52'; owner, A. M. Morton; builders, Morton & Chesley.

Private Way, from Grover Ave., near Neponset Ave., Ward 23, frame dwell., 24' x 43'; owner, Patrick Morgan; builder, J. F. Sullivan.

Brooklyn, N. Y. — *Eckford St.*, e. s. 200' s Nassau Ave., 3 three-st'y frame dwells., gravel roofs; cost, \$4,000; owner, Thomas Harlan, 1194 Colyer St.

Market St., w. s. 102' n Second Pl., two-st'y frame dwell., shingle roof; cost, \$3,500; owner, Rosanna McVine, 2909 Atlantic Ave.; architect, John Bruns, 27 Sheffield Ave.

Bradford St., s. e. cor. Arlington Ave., three-st'y frame dwell., tin roof; cost, \$5,000; owner, Dr. Wm. Diehl, 36 McKibben St.; architect, John Bruns, 27 Sheffield Ave.

Jefferson Ave., n. s. 175' e Stuyvesant Ave., 4 two-and-one-half-st'y brick dwells., tin roofs; cost, \$6,000 each; owner, Kate Acor, 197 Bainbridge St.; architect, J. S. Stevens, 537 Monroe St.

Greene Ave., s. s. 200' e Irving Ave., three-st'y frame dwell., tin roof; cost, \$4,000; owner, Leonard Hess, 323 Ellery St.

Rockaway Ave., e. s. 50' n Bergen St., two-st'y frame dwell., tin roof; cost, \$3,300; owner, Harry Stubble, Rockaway Ave., near Blake Ave.

Poplar St., w. s. 143' 7" w Henry St., 2 five-st'y brick dwells., tin roofs; cost, \$12,000 each; owner, Henry C. Baker, 635 Prospect Pl.; architect, Chas. Melna, 97 Sheffield Ave.

Noll St., s. s. 75' e Central Ave., three-st'y frame dwell., tin roof; cost, \$3,000; owner, Mr. Krossman, Noll St. and Central Ave.; architect, Henry Vollweiler, 483 Hart St.

Fourth Ave., s. e. cor. Twenty-second St., 2 three-st'y brick dwells., tin and slate roofs; cost, \$20,000; owner, Chas. Fireland, 697 Fourth Ave.

Madison St., n. s. 125' w Central Ave., three-st'y frame dwell., tin roof; cost, \$4,000; owner, architect and builder, K. B. Wilson, 1129 Madison St.

Livonia Ave., n. s. 25' e Osborn St., 2 two-st'y frame dwells., tin roofs; cost, \$1,500 each; owner, Arthur Wilson, Powell St.

Chicago, Ill. — *Trebilecock & Pehalegon*, two-st'y dwell., 7336 Stewart Ave.; cost, \$4,000.

Amos Phillips, two cottages, 2185 and 2186 Commercial Ave.; cost, \$3,000.

William E. Mason, three-st'y dwell., 1475-1477 Washington Boulevard; cost, \$10,000.

Estate of Theron Pardee, three-st'y dwell., 302 Schiller St.; cost, \$7,500.

Fred Boy, three-st'y dwell., 379 Washburn Ave.; cost, \$8,000.

A. H. Thacker, three-st'y dwell., 4109 Drexel Boulevard; cost, \$15,000.

Taylor Allen Co., 7 three-st'y dwells., 5026-5038 Washington Ave.; cost, \$70,000.

C. J. Magee, 5 three-st'y dwells., 469-477 Bowen Ave.; cost, \$30,000.

Jacob P. Smith, three-st'y dwell., 5222 Lexington Ave.; cost, \$6,800.

D. W. Baker, 3 two-st'y dwells., 665-667 West Monroe St.; cost, \$6,000.

J. G. Jones & Co., two-st'y dwell., 876 Warren Ave.; cost, \$5,000.

Ralph James, 3 two-st'y dwells., 714-718 Cleveland Ave.; cost, \$6,600.

Landt & Moore, 4 three-st'y dwells., 5207-5213 Kimbark Ave.; cost, \$32,000.

Johnston & Perry, 2 two-st'y dwells., 5482-5484 East End Ave.; cost, \$9,000.

C. C. Loder, three-st'y dwell., 3136 Indiana Ave.; cost, \$12,000.

John Laurantgen, two-st'y dwell., 9654-9656 Avenue J; cost, \$3,500.

A. T. Church, three-st'y dwell., Foster Ave. and Ninety-third St.; cost, \$6,000.

Mrs. Mary E. Page, four-st'y dwell., 2410-2412 Prairie Ave.; cost, \$15,000.

Minneapolis, Minn. — Mary J. Daniels, frame dwell., 2218 Colfax Ave.; cost, \$6,000.

P. F. Tostevin, frame dwell., 2518 Third Ave., s; cost, \$5,500.

Philadelphia, Pa. — *Edward St.*, below Ruan St., 2 two-st'y dwells.; contractor, W. H. Yelland.

South Third St., No. 614, four-st'y dwl. 1. and store; owner, W. F. Sines.

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Gray's Ferry Ave., and *Forty-eighth-and-a-half St.*, 6 two-st'y dwells.; contractor, W. S. P. Shields.

Westminster Ave., and *Fifty-seventh St.*, two-st'y dwell.; contractor, Andrew McPhillips.

Wood and Eighty-first Sts., 2 two-st'y dwells.; contractor, Patrick Riley.

Germanstown and Abington Aves., two-st'y dwell. and store; contractor, A. S. Aliman.

Bower St., w. s. n Abington Ave., three-st'y dwell.; contractor, A. S. Aliman.

Hagerman and Friendship Sts., two-st'y dwell.; owner, G. W. Wells.

Orthodox St., w. Tackawanna St., three-st'y dwell.; contractor, F. C. Baumliller.

Seventeenth St., w. s. n Moore St., 5 two-st'y dwells.; contractor, T. Gallagher.

Stiles St., n. s. w Cathedral Ave., 3 two-st'y dwells.; contractor, P. H. Clemens.

Spring Garden St., n. s. w Preston St., 11 three-st'y dwells.; contractor, Benj. D. Gardner.

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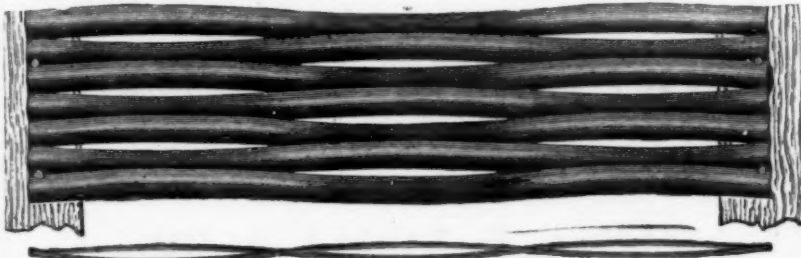
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Newkirk St., e, s, s Cumberland St., 15 two-st'y dwells.; contractor, C. A. Warfield.
Race St., No. 1322, three-st'y dwell. and store; contractors, W. W. Binder & Son.
Colorado St., w, s, n York St., 33 two-st'y dwells. and one three-st'y dwell.; contractor, John Loughran.
Providence, R. I. — Blackstone St., n, s, bet. Kilton and Anthony Sts., two-and-one-half-st'y frame dwell.; cost, \$15,000; owner, L. J. C. Andrews; builder, M. C. Field.
Brown St., e, s, bet. Meeting and Olive Sts., two-and-one-half-st'y frame dwell.; cost, \$7,000; owner, Julian L. Herreshoff; builders, Straight & Miner; architect, Chas. F. Chase.
Broad St., s, e cor. Public St., two-and-one-half-st'y frame dwell.; cost, \$4,000; owner, Jas. H. Hagon.
Pine St., n, e cor. Myrtle St., 2 two-and-one-half-st'y frame dwells.; cost, \$5,500; owner, Jas. A. Grinal; builders, Le Clerc & Revard.
Regent Ave., w, s, near Harold St., three-st'y frame dwell.; owner, Philip Hogen; builder, M. P. Bouchard.
Ankerst St., w, s, 33 Woonasquatucket Meadow Plat, two-and-one-half-st'y frame dwell.; cost, \$2,000; owner, Eliza Devlin; builder, B. McGuinn.
Taber Ave., w, s, bet. Angell St. and Humboldt Ave., two-and-one-half-st'y dwell., mansard roof; cost, \$10,000; owner, Nicholas Sheldon; builders, H. L. Bassett & Co.
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Melrose St., two-and-one-half-st'y dwell.; owner, Emma F. Romuds; contractors, Straight & Miner; architect, James Shaw, Jr.
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Four adjacent two-st'y brick dwells., cost, \$10,000; owner, C. R. H. Davis; contractor, E. P. Shas-sere.
Two-st'y brick dwell., cost, \$6,000; owner, Aug. Schwarz; contractor, P. Sauerwein.
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Two-st'y brick double dwell., cost, \$3,700; owner, A. Wenzel; contractor, J. H. Kemmer.
Two-st'y brick double dwell., cost, \$10,000; owner, J. Coughlin; contractors, Nicholson & Bros.
Worcester, Mass. — Woodside St., three-st'y frame dwell.; owner, A. Kihlman; contractor, L. M. Peterson.
Pattison St., three-st'y frame dwell.; owner, P. E. Ratigan; contractor, Wm. Power; architects, Barker & Nourse.
Millbury Ave., one-st'y frame dwell.; owner and contractor, A. Thesault.
Gates St., two-st'y frame dwell.; owner, William Wattle; contractor, J. A. Courtmanche; architects, Fuller & Delano.
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Brooklyn, N. Y. — Jamaica Ave., n, s, 500' e Market St., one-st'y brick mortuary office-building, tile roof; cost, \$15,000; owner, Cypress Hills Cemetery Corporation, 338 Potter Building, New York; architects, Danmar & Fischer, 38 Park Row, New York.
Philadelphia, Pa. — Sixteenth and Cayuga Sts., office and green house; contractor, Benj. Walker.
Germantown Ave., n, w cor. Weaver St., one-st'y office; contractor, Martin Hetzel.
SCHOOL-HOUSES.
Brooklyn, N. Y. — Glenmore Ave., s, s, bet. Stone Ave. and Watkins St., three-st'y brick school-house, slate and tin roof; cost, \$62,000; owner, Board of Education, 131 Livingston St.; architect, J. W. Naughton, 131 Livingston St.
Fifteenth St., s, s, 134 3/4' w Fourth Ave., three-st'y brick schoolhouse, tin and slate roof; cost, \$59,000; owner, Board of Education, 131 Livingston St.; architect, J. W. Naughton, 131 Livingston St.
Chicago, Ill. — Chicago Board of Education, two-st'y school-house, 512-520 Winthrop Pl.; cost, \$45,000.
Philadelphia, Pa. — Warnock St., w, s, n Master St., parochial school; contractor, Michael Magee.
STABLES.
Boston, Mass. — North Harvard St., near Franklin St., Ward 25, frame stable, 22' x 24'; owner, Catherine White; builders, Alcock & McKay.
Bellevue St., rear, cor. Willow St., Ward 23, one-st'y frame stable, 24' x 30'; owner and builder, W. B. Blakemore.
Brooklyn, N. Y. — Diamond St., w, s, 100' n Meserole

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Philadelphia, Pa. — Diamond St., s, s, w Tenth St., three-st'y stable; contractor, M. Smith.
Holmesburg Ave. and Crispin St., stable; contractor, Jos. A. Hand.
Marshall St., No. 2353, two-st'y stable; contractor, H. H. Gibson.
Robert and Front Sts., two-st'y stable; owner, Robert Thompson.
Carlisle St., e, s, s Jefferson St., two-st'y stable; contractor, C. C. Haines.
Carlisle St., s, e cor. Oxford St., two-st'y stable; owner, G. C. Dietrich.
Somerville, Mass. — Warwick St., near Cedar St., frame stable, 18' x 24'; owner, Thomas A. Bent; builder, Johnson Parker.
Montrose St., frame stable, 23' x 26'; owner, N. H. Reed; builders, Hudson & Lewis.
Prescott St., frame stable, 21' x 30'; owner, Thomas Davy; builder, J. E. Durgin.
Kidder Ave., near Elm St., frame stable, 22' x 24'; owner, Sophia H. Hill; builder, W. E. Locke.

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St. Louis, Mo. — Two-st'y brick stable; cost, \$5,000; owner, W. L. Huse; contractor, C. Johnson.

Worcester, Mass. — Abbot St., one-st'y frame stable; owner, Mrs. Ida E. Gates; contractor, Geo. Peirce.

STORES.

Boston, Mass. — Howard St., store; owner, S. D. Whittemore; day work; architects, Rand & Taylor. Washington St. and Levee Pl., stores and offices, yellow brick and terra-cotta; cost, \$50,000; owner, J. J. Grace; builders, Miller Bros.; architects, Rand & Taylor.

Brooklyn, N. Y. — Watkins St., w s, 250' s Sutter Ave., three-st'y frame store and dwell., tin roof; cost, \$4,200; owner, Solomon Morris, Thatford and Sutter Ave.; architects, Danmar & Fischer, 2921 Atlantic Ave.

Bushwick Ave., w s, junction of Beaver St., four-st'y frame store and dwell., tin roof; cost, \$8,000; owner, H. Huether, 282 Ten Eyck St.; architect, E. Schrempf, 36 Monteth St.

Thatford Ave., w s, 75' s Belmont Ave., three-st'y frame store and dwell., tin roof; cost, \$3,000; owner, Jacob Axelrod, Thatford Ave.

Myrtle Ave., n e cor. Ryerson St., two brick stores and flats, tin roof; cost, \$18,000; owner, Seth L. Keeney, 231 Clermont Ave.; architect, E. Van Voorhis, 903 Kent Ave.

Harmon St., s s, 300' e Central Ave., 2 three-st'y frame stores and dwells., tin roof; cost, \$4,500 each; owner, Wm. Berlinger, 169 Stanhope St.; architect, Henry Vollweiler, 486 Hart St.

Bedford Ave., e s, 75' s Bergen St., five-st'y brick store and flat, tin roof; cost, \$8,000; owner, Ed. Riley, 1014 Bergen St.; architects, J. D. Reynolds & Son, 363 Fulton St.

Eastern Parkway, n w cor. Osborn St., three-st'y frame store and dwell., tin roof; cost, \$4,800; owner and builder, John Power, Eastern Parkway.

Chicago, Ill. — Herman Ehrhardt, three-st'y store and flats, 472 West North Ave.; cost, \$6,000.

The Linnea Society, three-st'y store and hall, 8743 Buffalo Ave.; cost, \$15,000.

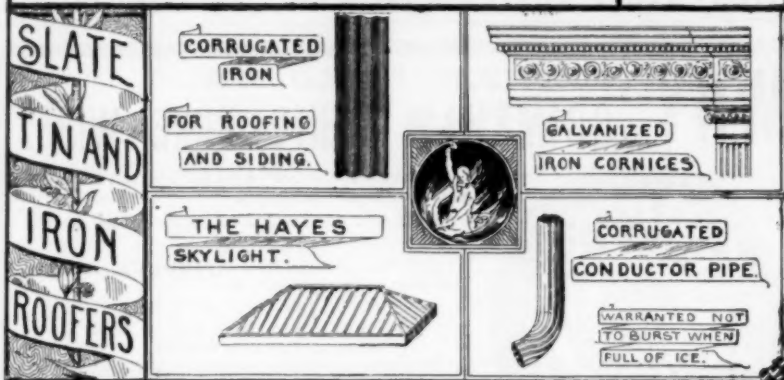
W. H. Halle, 2 two-st'y store and flats, 548 West Madison St.; cost, \$8,000.

B. Mercel, four-st'y store and warehouse, 945-947 West Madison St.; cost, \$20,000.

Henry Lampe, two-st'y store and flats, 1084 Oakley Ave.; cost, \$5,500.

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BUILDING INTELLIGENCE.

Oscar Wilke, 2 three-st'y store and flats, 657-659 West Division St.; cost, \$12,000.

Philadelphia, Pa. — South Thirteenth St., No. 106, four-st'y store and office; contractor, Thos. Bryan.

TENEMENT-HOUSES.

Boston, Mass. — West Fourth St., No. 105, Ward 13, four-st'y brick tenement, flat roof, 32' x 41'; owner, M. J. Mahoney; builder, P. F. Hanlon.

West Broadway, No. 463, Ward 14, four-st'y brick tenement and store, flat roof, 43' x 70'; owner, Mary A. Stebbins; builders, Clark & Lee.

WAREHOUSES.

Brooklyn, N. Y. — Manhattan Ave., n w cor. Java St., five-st'y brick furniture warehouse, tin roof; cost, \$30,000; owner, John Stevenson, 441 Manhattan Ave.; architect, H. Vollweiler, 486 Hart St.

Chicago, Ill. — Rubber Paint Co., five-st'y warehouse, 36-38 Boston Ave.; cost, \$25,000.

St. Louis, Mo. — One-st'y warehouse; cost, \$3,400; owner, A. Kessler; contractors, Hemminghaus & Vollmer.

MISCELLANEOUS.

Boston, Mass. — Stanhope St., cor. Morgan St., Ward 11, five-st'y brick mechanical building, flat roof, 68.6' x 180.5'; owner, J. C. Haynes, builder, G. W. Pope.

Sleeper St., next N. Y. Y. & N. E. R. R., Ward 13, two-st'y brick storage, pitch roof, 32' x 125'; owner, L. Schlegelmelch; agents and builders, W. A. & H. A. Root.

Brooklyn, N. Y. — Covert St., s s, 135' w Central Ave., two-st'y frame convent, tin and shingle roof; cost, \$4,000; owners, Nuns of St. Dominick, Graham and Montrose Aves.; architect, F. J. Berlenbach, Jr., 260 Graham Ave.

Central Falls, R. I. — Two-st'y brick fire station, for Central Falls Fire District; cost, \$10,000; contractors, Robert Wilson & Pawt Steam and Gas Pipe Co.

Chicago, Ill. — People's Gaslight and Coke Co., three-st'y generator, etc., 781-783 Centre Ave.; cost, \$10,000.

People's Gaslight and Coke Co., three-st'y generator and office-building, Division St. and Elston Ave.; cost, \$20,000.

BUILDING INTELLIGENCE.

Brewer & Hofman, five-st'y brewery, 53-55 South Green St.; cost, \$50,000.

Anheuser-Busch Brewing Co., two-st'y agency and office-building, etc., 230 West Harrison St.; cost, \$50,000.

The Standard Brewery, four-st'y brewery and three-st'y store and flats, Twelfth and Campbell Sts.; cost, \$87,000.

Minneapolis, Minn. — Minneapolis Grain and Feed Co., grain elevator and warehouse, 715-717 Central Ave.; cost, \$30,000.

Philadelphia, Pa. — North Broad St., No. 2511, one-st'y shop; contractor, Jacob Marsch. Callowhill St., No. 922, two-st'y laundry; contractor, R. D. Smith.

Germantown Ave., No. 1025, four-st'y office, stable and storehouse; contractor, P. M. Walton. Spring Garden Water Works, boiler house; contractor, Thomas Giamon.

Ridge Ave., w Jamestown Ave., two-st'y laundry; contractor, Sylvester Yardley.

South Fourth St., No. 933, three-st'y printing house; owner, Jacob Elmer.

Spruce St., Nos. 4110-12, conservatory; contractor, Wm. McIntosh.

Delaware Ave., Holmesburg, n Hatell's Mills, one-st'y club-house; contractor, George McBride.

St. Louis, Mo. — One-st'y brick car-shed; cost, \$30,000; owners, Missouri R. R. Co.; contractors, Milburn & Rich.

Worcester, Mass. — Oread St., one-st'y frame store house; owner, Geo. C. Whitney; day work.

Barbers Crossings, one-st'y frame storehouse; owners and builders, Norton Emery Wheel Co.

Canterbury St., one-st'y frame shed; owner, S. G. Bowen; day work.

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PROPOSALS.

any additional information relating thereto, may be had on application to the architects on and after July 1, 1891.

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811

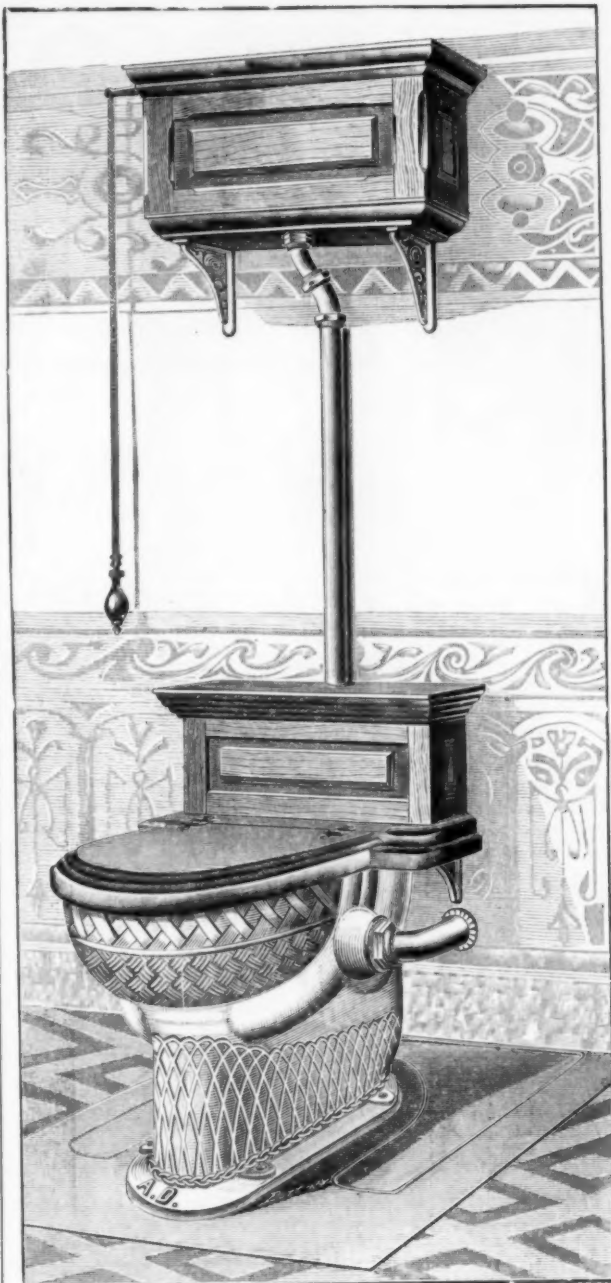
June 17, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 6th day of July, 1891, for all the labor and materials required for furnishing and putting in place complete the low-pressure, return-circulation, steam-heating and ventilating apparatus for the United States Court-house, Post-office and Custom-house building at Vicksburg, Miss., 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 Vicksburg, Miss. Each bid must be accompanied by a certified check for \$200. The

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PROPOSALS.

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 and Custom-house building at Vicksburg, Miss.," and addressed to W. J. EDBROOKE, Supervising Architect.

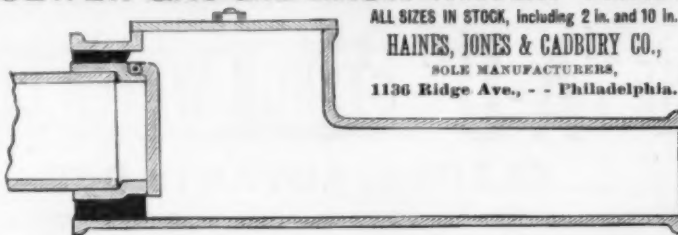
June 29, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 23d day of July, 1891, for the labor and materials required for sidewalks, street curbs and gutters of the approaches to the United States Court-house, Post-office, etc., building at Carson City, Nevada, in accordance with specification and drawing, copies of which may be had on application at this office or the office of the Custodian at Carson City, Nevada. 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 Work on the Approaches to the United States Court-house, Post-office building at Carson City, Nevada," and

PROPOSALS.

addressed to W. J. EDBROOKE, Supervising Architect.

June 26, 1891. 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 July, 1891, for all the labor and materials required to furnish and put in place complete the low-temperature, hot-water heating and ventilating apparatus required for the United States Post-office, Custom-house, etc., building at Wilmington, N. C., in accordance with the drawings and specifications, copies of which may be had on application at this office or the office of the Custodian at Wilmington, N. C. 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 Low-temperature, Hot-water Heating and Ventilating Apparatus for the United States Post-office, Custom-house, etc., building at Wilmington, N. C.," and addressed to W. J. EDBROOKE, Supervising Architect.

June 18, 1891. 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 July, 1891, for all the labor and mate-

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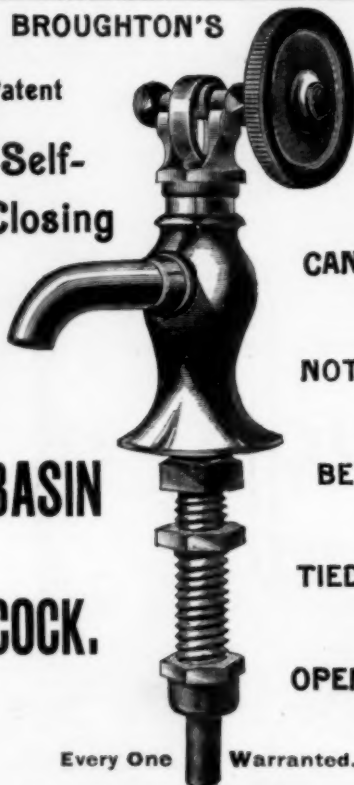
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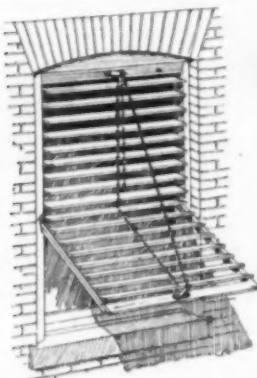
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Plans required for the excavation, concrete foundations, stone and brick masonry, iron-work of floors, roof, roof-covering, brick and terra-cotta work, iron stairs, drain-pipes, approaches, etc., for the United States Court-house, Custom-house and Post-office building at Duluth, Minn., in strict accordance with drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Duluth, Minn. Each bid must be accompanied by a certified check for \$500. The Department

PROPOSALS.

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 Stone and Brick Work, Iron-work, etc., for the United States Court-house, Custom-house and Post-office building at Duluth, Minn.," and addressed to W. J. EDBROOKE, Supervising Architect.

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James C. Bayles, M. E., late President of the New York Board of Health: "Under the conditions described it works better, I think, than a vent-pipe. It responds quickly to a demand for air, but as promptly closes against a current seeking escape through it."

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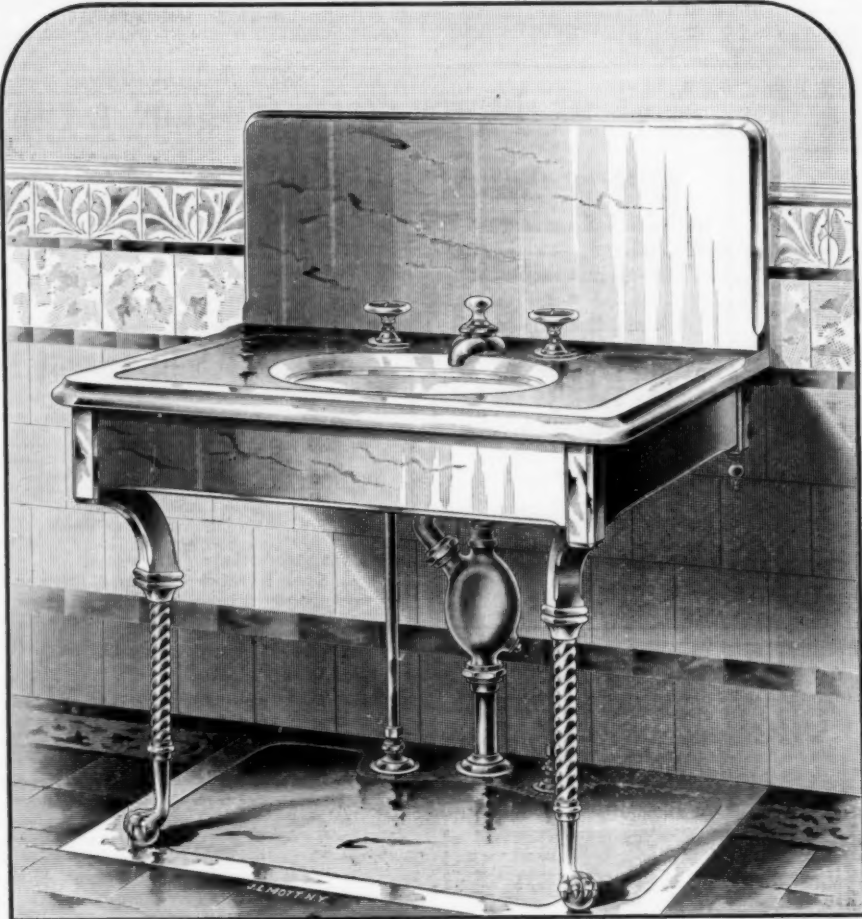


PLATE 933-G.

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[See Alphabetical Index on page VII for Pagination.]

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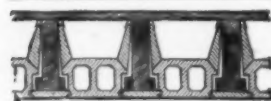
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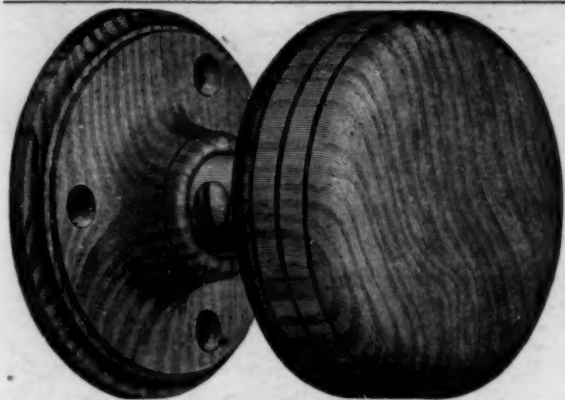


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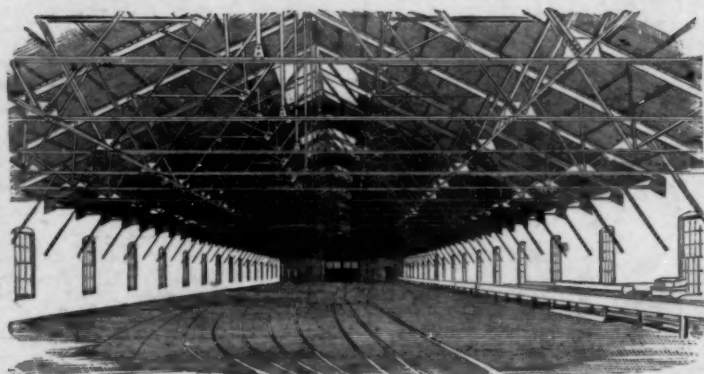
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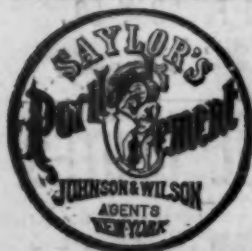
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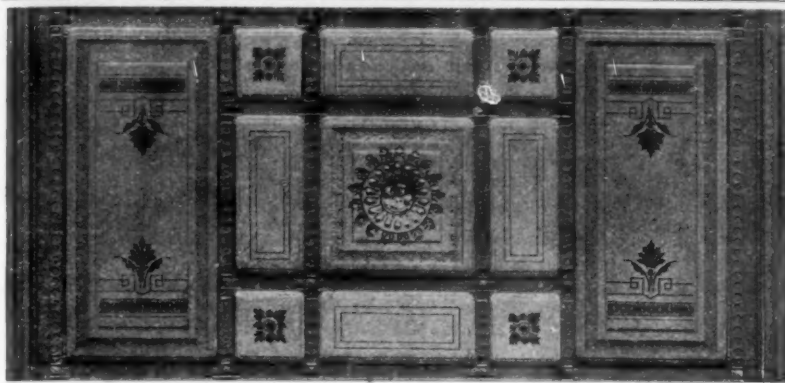
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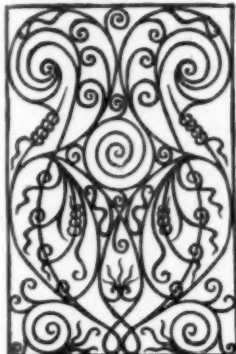
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ca 13 1/2 @ 25 00	13 00 @ 25 00	Not sold.	16 00 @ 20 00
20 @ 40	13 00 @ 15 00	@ 12 00	11 25 @ 13 50
	25 00 @ 35 00	29 00 @ 37 00	14 00 @ 29 00
	32 00 @ 40 00	@	@ 35 00
@	40 00 @ 60 00	10 00 @ 22 00	14 00 @ 25 00
@	25 00 @ 35 00	Not sold.	Not sold.
14 00 @ 18 00	15 00 @ 18 00	12 00 @ 15 00	25 00 @ 37 30
12 00 @ 16 00	14 00 @ 15 00	Not sold.	16 00 @ 18 00
18 00 @ 21 00	24 00 @ 35 00	10 00 @ 13 00	13 00 @ 17 00
			22 00 @ 28 00
@	2 25 @ 2 35	2 10 @ 2 25	2 75 @ 3 00
2 10 @ 2 25	2 25 @ 2 50	Not sold.	2 30 @ 3 0
5 00 @ 6 00	@	Not sold.	
4 00 @ 5 00	@ 4 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" \$35 @ 40
@	@	Not sold.	{ 24" 8 @ 21
@	2 00 @ 4 00	2 00 @ 2 35	{ 20" 35 @ 14
18 00 @ 20 00	5 00 @ 6 00	3 50 @ 4 00	11 00 @ 14 00
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@ 350 00	150 00 @ 160 00	150 00 @ 200 00	150 00 @ 250 00
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@ 70 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
@ 90 00	50 00 @ 55 00	22 00 @ 40 00	45 00 @ 55 00
	45 00 @ 75 00	45 00 @ 50 00	60 00 @ 75 00
	50 00 @ 65 00	35 00 @ 50 00	57 50 @ 65 00
	50 00 @ 75 00	35 00 @ 50 00	@ 65 00
	60 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
	@ 6	@ 7	
	32 00 @ 35 00		
125 00 @ 150 00	85 00 @ 120 00	55 00 @ 100 00	50 00 @ 170 00
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Up River.....	4 00 @ 5 00	9 50 @ 10 00	Indiana Pressed	Light Stretchers @ 9 00
Haverstraw Bay Bl.....	5 00 @ 5 25	20 00 @ 22 00	14 00 @ 20 00	Medium " @ 10 00
" 1st.....	5 25 @ 5 50	Philadelphia } 40 00 @ 45 00	St. Louis Fronts	Red " @ 12 00
Hollow.....	@ 13 00	Phila. mould } 50 00 @ 80 00	@ 27 00	Dark " @ 13 00
FRONTS:				Pressed @ 13 00
Croton, Brown.....	@ 13 00	Anderson	15 00 @ 27 00	Best Paving 18 00 @ 20 00
" dark.....	@ 14 00	14 00 @ 32 00	@ 55 00	Second " @ 14 00
" red.....	@ 14 00		45 00 @ 50 00	Third " @ 13 00
Chicago pressed (Anderson).....			25 00 @ 30 00	Dom. { @ 65
" Moulded.....			60 00 @ 100 00	@ 85
Baltimore.....	37 00 @ 41 00		30 00 @ 35 00	
Philadelphia.....	23 00 @ 24 00		55 00 @ 65 00	
Trenton.....	22 00 @ 23 00			
Milwaukee.....				
Moulded:				
Glens Falls Red Pressed.....	@ 37 00			
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" Moulded Red & Buff	45 00 @ 70 00			
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Enamelled (edge).....	85 00 @ 100 00			
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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
" " Black Cross.....	2 25 @ 2 50	2 60 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" " (Burnham).....	2 70 @ 2 80	2 60 @ 3 00	2 90 @ 3 15	2 75 @ 2 85
" " (White's).....	2 65 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	
" French (Lafarge).....	3 60 @ 3 75	3 00 @ 3 50	3 75 @ 4 25	Hemmoor
" German (Alsen).....	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	2 50 @ 2 75
" " (Fewer).....	2 25 @ 2 40	3 15 @ 3 35	3 20 @ 3 40	2 75 @ 2 85
" " (Vorwiler).....	2 50 @ 2 90	Cleopatra	@	
" " (Lagerhofer).....	2 90 @ 3 25	2 55 @ 3 00	2 75 @ 3 00	Josson
" " (Dyckerhoff).....	2 35 @ 2 85	3 00 @ 3 50	3 25 @ 3 50	2 60 @ 2 75
" " (Hanover).....	2 50 @ 3 00		Not sold.	3 00 @ 3 25
" " Stettin, (Anchor)	2 35 @ 2 85		2 75 @ 3 00	2 75 @ 2 85
" American (Saylor's)...	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	
Roman.....	2 75 @ 3 00	@ 3 00	2 75 @ 3 25	2 70 @ 3 00
Keene's coarse.....	5 75 @ 6 50	@ 6 00	6 00 @ 7 00	3 00 @ 3 50
" superfine.....	9 25 @ 10 25	@ 11 50	9 00 @ 10 50	6 50 @ 7 00
Lime:				8 00 @ 9 00
Lime of Teil.....	3 50 @ 4 00		Not sold.	White Lime P bush
Hydraulic Lime.....	@ 1 45	@ 1 35		25 @ 30
Chicago Lime in bulk.....		St. John 1 00	55 @	{ White Mash
Wisconsin Lime.....	@ 90	@ 1 05	60 @	1 25 @ 1 50
Rockland and Rockport, (Com.)..	@ 1 00	@ 1 10	Not sold.	1 00 @ 1 00
Kelley Island Lime, finish.....	@ 1 20	@ 1 30	Not sold.	
State, com. cargo rates (nom.)...	@ 85	Not sold.	1 00 bulk, 75c.	Not sold.
State, finishing.....	@ 1 05	Not sold.	Not sold.	Not sold.
Plaster of Paris (calcined).....	1 20 @ 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) P bush.....	16 @ 18	25 @ 30	20 @ 25	20 @ 25
" (Goat).....	20 @ 22	@ 30	30 @ 35	30 @ 35
Sand, P load.....	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
STONE. (P cubic foot, rough.)				
Granite: (Maine)		@ 60		55 @ 65
Limestone:				75 @ 90
Bedford.....	45 @ 1 25	95 @ 1 00	50 @	Richmond
Joliet.....	@ 1 00		35 @ 55	75 @ 1 50
Lemont.....	@		35 @ 60	P Perch @ 4 50
Serpentine.....	@	10 50 per ton	@ 1 00	



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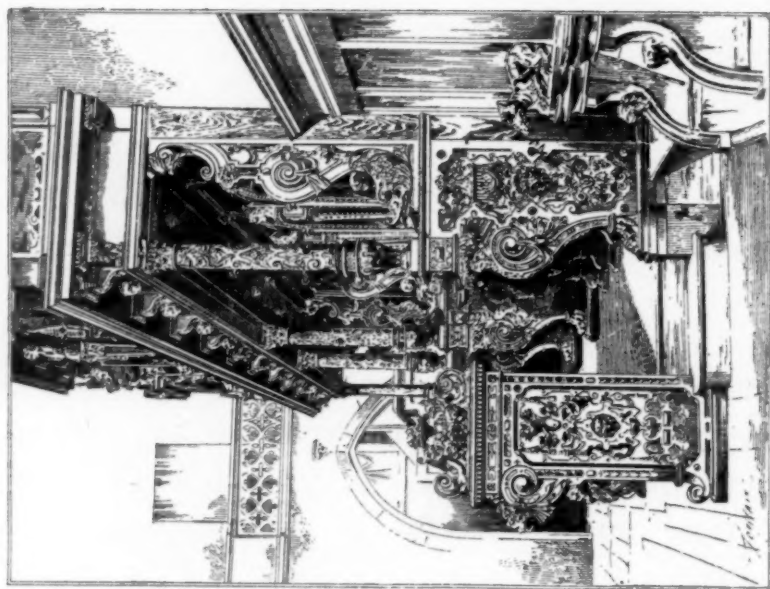
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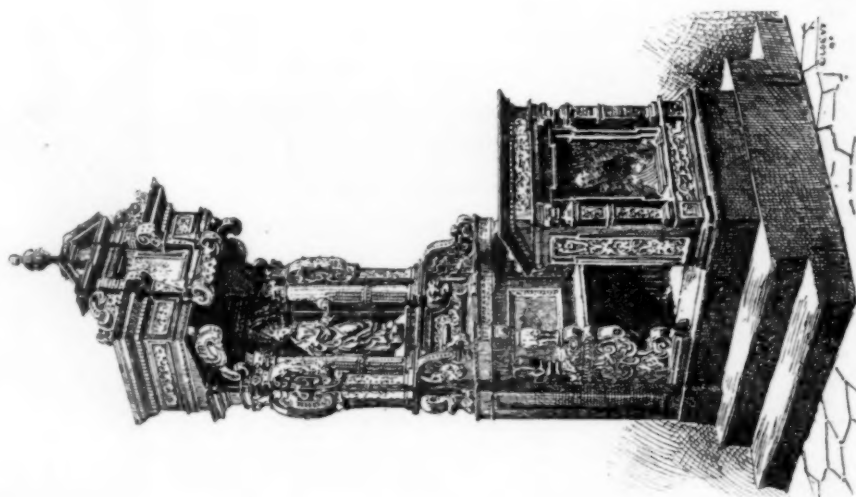
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Colorific	1/2 lb.	@ 2 1/2	@	@	@
Red	1/2 lb.	@ 3	@	@	@
White	1/2 bbl.	@ 1 75	@	@	@
Foundation:					
Dimension		@	5 00 1/2 ton.	20 @	@ 5 00
Block		@	4 50 1/2 perch.	@	Conshocken 1 05 @ 2 50
Rubble		@	1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: (P sq. ft.)					
Sidewalk	30 @ 5 00		40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 2 50
Planned	50 @ 6 00		@ 75	50 @ 1 00	37 @ 5 00
Sandstone:					
Longmeadow	@ 80		80 @ 90	@	@ 95 @ 1 00
Kilboe	@ 90		90 @ 1 10	@	@ 1 05 @ 1 10
Brown (Connecticut)	1 00 @		1 25 @ 1 45	1 50 1/2 cub. ft.	@ 1 05 @ 1 10
Amherst	90 @ 95		90 @ 1 00	45 @ 50	@ 55 @ 1 00
Berea } Ohio	75 @ 1 00		85 @ 90	45 @ 55	@ 1 10 @ 1 00
Berlin }	75 @ 1 00		80 @ 90	55 @ 65	@ 1 00 @ 1 00
Belleville	80 @ 1 25		1 25 @ 1 35	@ 1 25	@ 1 25 @ 1 00
New Brunswick (Dorchester)	@ 1 00		75 @ 90	@	@ 95 @ 1 00
Caen	@ 1 05		@ 2 00	@	@ 1 05 @ 1 00
Carlisle, English	@ 1 05		@ 1 05	@	@ 1 05 @ 1 00
Corse Hill (Scotch)	@ 1 05		@ 1 05	@	@ 1 05 @ 1 00
Marble: (P 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 @ 5 00
Italian, blue-veined	@		@	@ 4 40	2 50 @ 2 75
" Sienna	@		@	Not Sold.	@ 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 00	2 25 @ 3 00
Slate: 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	@ 10 00		10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" black, Lehigh	4 25 @ 4 75		@	6 25 @ 6 85	3 25 @ 4 00
" Chapmans	@		@	7 30 @ 8 00	4 00 @ 4 50
" Unfading black, Monson, Me.	5 50 @ 8 00		5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am. (P sq. ft.)	@		@	Not Sold.	@ 25 00
N. Peach Bottom, warranted unfading	@		@	@	6 00 @ 6 75
PAINTS. (In Oil P lb.)					
White lead, Am.	7 @ 8 1/2		7 1/2 @ 7 1/2	6 1/2 @ 7	@ 7 1/2
" zinc	5 @ 8 1/2		@ 8	7 @ 10 1/2	@ 7 1/2
Red lead, Am.	6 1/2 @ 7		7 1/2 @ 7 1/2	6 1/2 @ 7	@ 7 1/2
" Venetian	6 @ 10 1/2		7 @ 12	1 1/2 @ 2 1/2	dry Eng. @ 7 1/2
" Vermillion	65 @ 70		75 @ 80 dry	65 @ 68	Eng. @ 7 1/2
" Indian, Eng.	12 @ 20		12 @ 20	12 @ 20	dry Am. @ 1 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	@ 1 1/2
Blue, ultramarine	12 @ 18		18 @ 30	12 @ 35	10 @ 20
Oil, linseed, (raw)	55 @ 62		13 @ 44	57 @ 60	@ 2 1/2
" boiled	58 @ 65		46 @ 47	60 @ 63	@ 2 1/2
Turpentine	38 1/2 @ 39		42 @ 43	51 @ 51	@ 4 1/2
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 @ 4		2 @ 4	2 @ 2 1/2	2 @ 2 1/2
Whiting	75 @ 1 00		1 @ 1 1/2	1 @ 1 1/2	@ 1 1/2
Paris white, (Eng.)	1 30 @ 2 00		2 @ 3	1 1/2 @ 2	1 1/2 @ 2 1/2
Litharge, Am.	5 1/2 @ 6		@ 7 1/2	6 1/2 @ 7	@ 7 1/2
Sienna (burnt)	14 @ 20		14 @ 20	4 @ 16	4 @ 16
Umber	14 @ 20		14 @ 20	2 @ 10	2 @ 10
HARDWARE.					
Nails: (Per Cask.) Spikes, (wrought).	@ 2 85		@	2 75 @ 3 00	per keg @ 2 25
10d. common	@ 2 60		@ 2 15	@ 2 35	@ 2 35
Shingle	@ 3 85		@ 2 25	@ 2 75	@ 2 75
Lath.	@ 4 85		@ 3 45	@ 3 65	3 60 @ 4 7
(Finishing nails according to size).	@		@	Add .85 to \$1.15	per lb 4 @ 6
(For casing nails add 75 c. per keg.)	@		@	.50 to .50	Add per cask 2 90 (all kinds.)
Butts: 4 P x 4 P. (P doz. pairs.)					
Plain	@ 1 00		@ 1 20	@ 90	@ 90
Japanese	@ 1 50		@ 1 75	Not Sold.	1 35 @ 2 00
Acorn, Japanese	@ 1 50		@ 1 90	2 00 @ 3 75	1 35 @ 2 7
Ball Tip, Boston Finish... (P pair.)	@ 65		@ 50	Not Sold.	48 @ 5
Bronze metal	@ 1 90		plain 1 65	2 00 @ 3 25	@ 1 2
Brass (for cupboards)	@ 10		@ 10	@ 12	@ 10
Ebony	@		@	@	@ 3
Apple wood	@		@	@	37 @ 10
Knobs: (P set.)					
Mineral, best	@ 8		@ 8	8 @ 10	@ 0
Lava	@ 50		@ 75	65 @ 80	Not Sold.
Hemacite	Not Sold.		17 @ 33	31 @ 40	25 @ 5
Porcelain	@ 30		@ 10	25 @ 30	@ 2
Glass, solid	Not Sold.		@ 50	Not Sold.	1 00 @ 2 5
Glass, silvered	Not Sold.		88 @ 1 00	@ 1 50	1 75 @ 2 0
Bronze metal	75 @ 2 00		50 @ 3 00	50 @ 3 00	50 @ 3 5
Brass	1 00 @ 2 50		50 @ 3 00	1 00 @ 3 00	75 @ 1 2
Solder:	@		@	13 @ 16	13 1/2 @ 1
Sheet Lead	@		@ 7 1/2	@ 7	@ 6
Lead Pipe	@		@	@ 6 1/2	@ 6
Iron:					
I-Beams, up to and including 36 ft....	3 3-10 @ 3 1/2		@ 3 1-10	@	@ 2 8-1
I-Beams, over 30 ft. 1/2, 3/4 c. advance.	3 3-10 @		@	3 20 @ 3 70	@ 2 8-1
Channel-Beams	3 3-10 @ 3 1/2		@ 3 1-10	3 20 @ 3 70	@ 2 8-1

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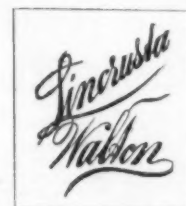
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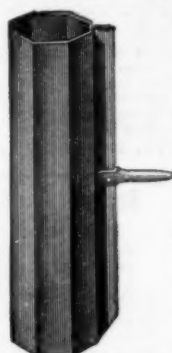
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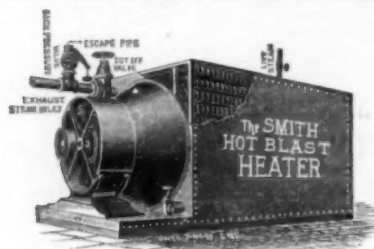
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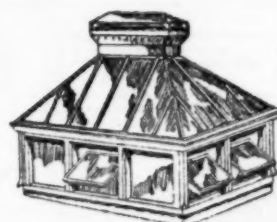
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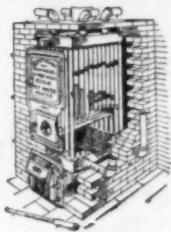
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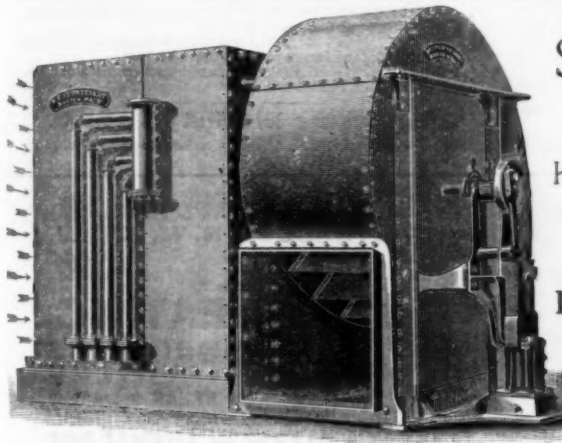
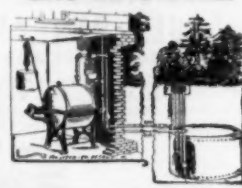
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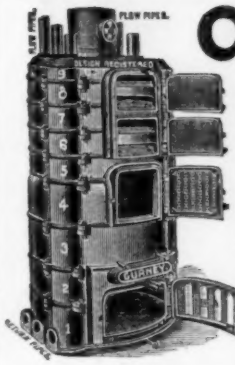
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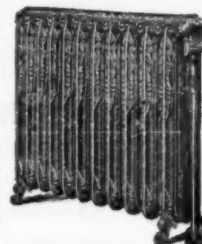
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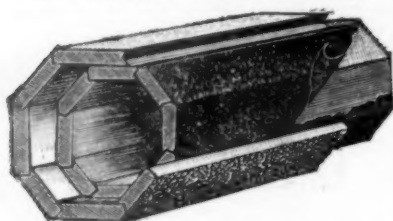
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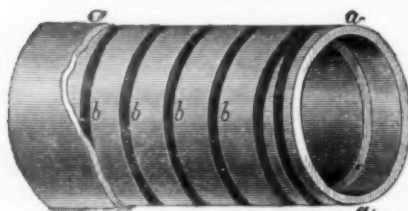
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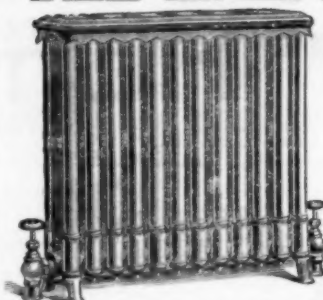
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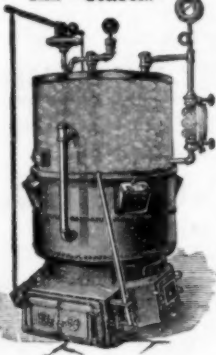
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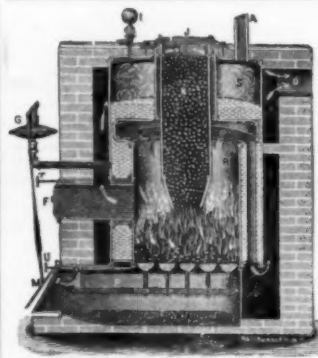
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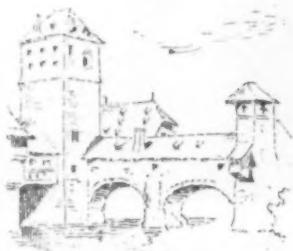
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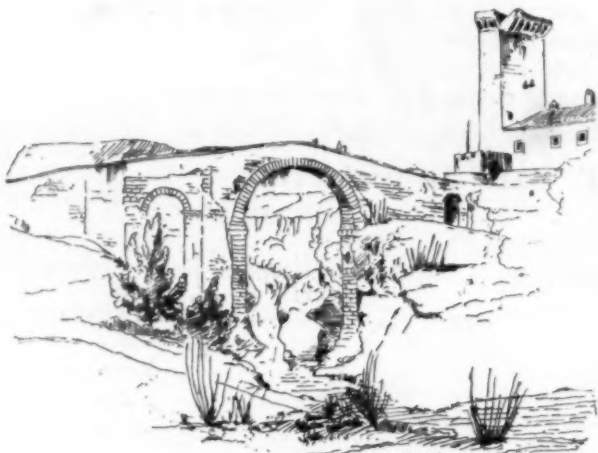
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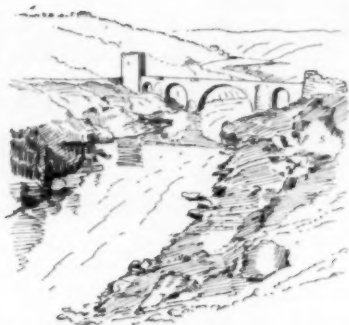
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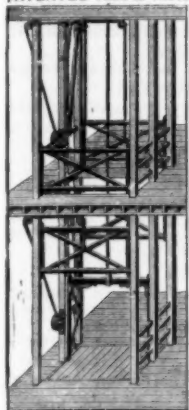
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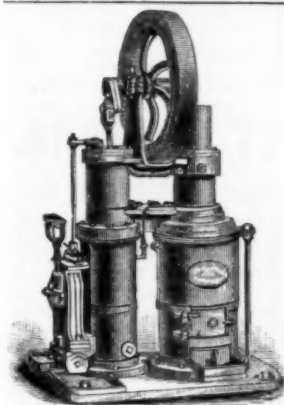
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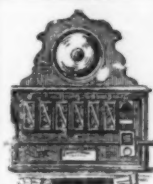
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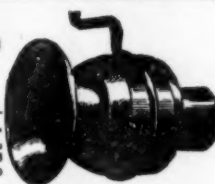
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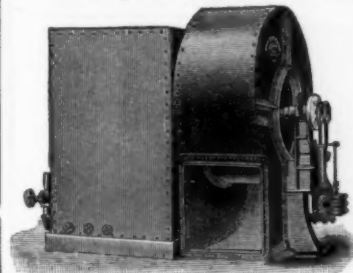
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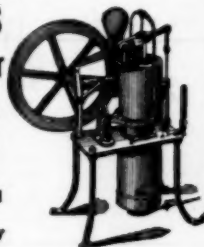


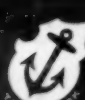
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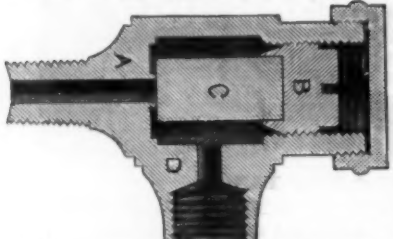
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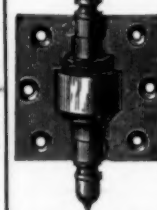
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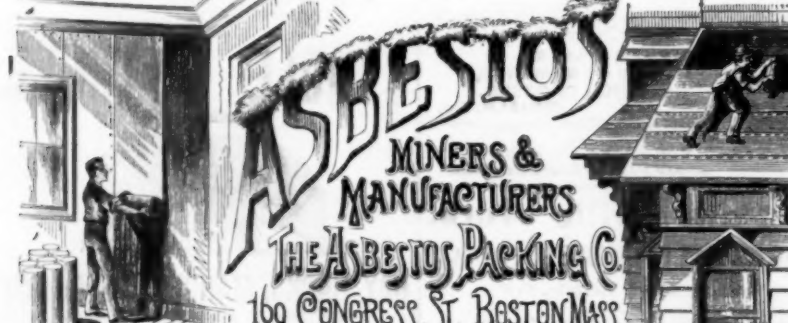
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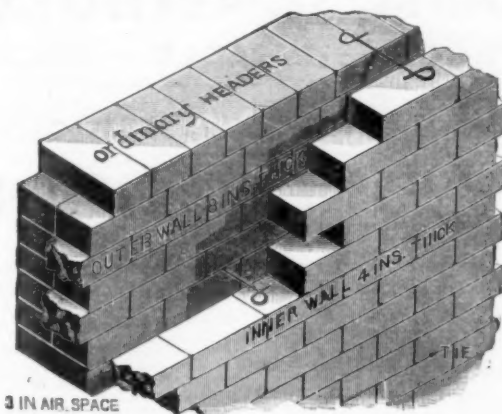
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Parker St., near Madison Court, Ward 22, four-st'y brick apartments, flat roof, 22.6' x 45'; owner, T. F. Kinahan.
Chicago, Ill.—John Johnson, three-st'y flats, 2833 Portland Ave.; cost, \$4,800.
M. McCall, three-st'y flats, 78 Osgood St.; cost, \$3,000.
M. J. Bones, two-st'y flats, 50 String St.; cost, \$3,000.
Charles Hauber, three-st'y flats, 444 North Robey St.; cost, \$3,500.
J. C. Cochran, three-st'y flats, 193-195 Francisco St.; cost, \$5,000.
George Hay, 2 two-st'y flats, 1996-98 Wilcox Ave.; cost, \$3,000.

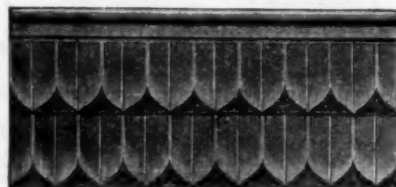
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L. W. Tierran, 2 three-st'y flats, 17-19 Bay St.; cost, \$9,000.
John Schmidt, two-st'y flats, 804 Horman Ave.; cost, \$5,000.
T. H. Beckwith, two-st'y flats and barn, 5533 Union Ave.; cost, \$6,500.
George F. Brown, 2 four-st'y flats, 5490 Monroe Ave.; cost, \$8,000.
Mrs. Mary Beahan, two-st'y flats, 310 West Thirtieth St.; cost, \$4,000.
John Foley, three-st'y flats, 416 South Paulina St.; cost, \$3,800.
John Juergans, two-st'y flats, 732 West Ave.; cost, \$3,000.
William Wiegrefe, two-st'y flats, 572 Thoman St.; cost, \$3,000.
Mrs. M. E. Ingraham, three-st'y flat, 162-164 South Leavitt St.; cost, \$6,000.
Harfield & Roe, 2 three-st'y flats, 65-67 West Fortieth St.; cost, \$3,000.
H. B. Smith, 4 four-st'y flats, 4001-03 Vinescenn Ave.; cost, \$55,000.
Walter, Johnson & Woodruff, 4 three-st'y flats, 4725-31 Champlain Ave.; cost, \$28,000.
John Cremins, two-st'y flats, 4819 Wabash Ave.; cost, \$3,200.
Mrs. C. M. Eddy, 2 three-st'y flats, 4106-08 Calumet Ave.; cost, \$12,000.
Nils Jacobson, two-st'y flats, 6314 Michigan Ave.; cost, \$3,500.
Jessie L. Oriant, five-st'y flat, 148-150 State St.; cost, \$15,000.
Thomas H. Seery, four-st'y flats, 22 Burling St.; cost, \$5,000.
M. A. Hageman, two-st'y flats, 5641 Butterfield St.; cost, \$3,000.
W. H. West, 2 two-st'y flats, 6325-27 Wharton Ave.; cost, \$7,000.
T. N. M. Krier, two-st'y flats, 478 North Robey St.; cost, \$4,000.
John Nelson, two-st'y flats, 815 Dania Ave.; cost, \$3,000.

Dorchester, Mass.—*Dorchester Ave.*, three-st'y frame apartment-house; cost, abt. \$7,000; owner, B. F. Houghton; contract to be let; architect, Chas. J. Bateman, Boston.

FACTORIES.

Brooklyn, N. Y.—*Adams St.*, s. e. cor. John St., six-st'y brick factory, tar and gravel roof; cost, \$60,000; owner, E. W. Bliss, 17 Adams St.; architect, Wm. B. Tubby, 81 Fulton St., New York City.

New York, N. Y.—*East One Hundred and Twenty-fifth St.*, No. 332, three-st'y brick factory, tin roof; cost, \$4,000; owner, Harris Spiegel, 332 East One Hundred and Twenty-fifth St.; architect, Solomon Cohen, 225 East Seventy-ninth St.

Philadelphia, Pa.—*North Second St.*, No. 1066, three-st'y factory; contractor, Leonard Schwab.
Catharine St., n. s. w. Broad St., four-st'y factory; contractor, E. Cuddeby.
Reed and Corn Sts., two-st'y factory; owner, J. A. Harding.

HOUSES.

Baltimore, Md.—*G. W. Dorsey*, 14 three-st'y brick dwell., beg. n. e. cor. Carey St. and Riggs Ave.
G. W. Umbach, 3 two-st'y brick dwell., Wolfe St., e. s.; and 5 two-st'y brick dwell., Chapel St., w. s. n. Gough St.

Boston, Mass.—*East First St.*, Ward 14, two frame dwell., 21' x 41'; owner, James Lee; builder, J. J. Shaw.

Elton St., cor. Auckland St., Ward 24, frame dwell., 28' x 50'; owner, Mrs. J. McGargill; builder, F. Duffy.

Adams St., near King St., Ward 24, frame dwell., 25' x 43'; owner, Thomas E. Kemp; builder, H. B. Rankin.

Caldwell St., near Perkins St., Ward 20, frame dwell., 28' x 32'; owner, Horatio Williams; builder, E. Pitman.

James St., near Poplar St., Ward 23, frame dwell., 28' x 32'; owner, Horatio Williams; builder, E. Pitman.

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Wrentham St., near Dracut St., Ward 24, frame dwell., hip roof, 25' x 47.6'; owner, Mrs. Emma M. Pond; builders, J. H. Burt & Co.
Percival Ave., near Bowdoin St., Ward 24, three-sty frame dwell., flat roof, 40' x 43'; owner, Edward N. Capen; builder, Wm. Peard.
Englewood Ave., near Beacon St., Ward 25, frame dwell., 34' x 45'; owner, Calvin Austin; builder, H. P. Oakman.
Washington St., No. 3454, Ward 23, two-sty frame dwell., hip roof, 25' x 47.6'; owner, Samuel B. Lynch; builders, McLean & McLean.
Hyde Park Ave., near Walk Hill St., Ward 25, frame dwell., 23' x 50.6'; owner, James McManus; builder, J. F. Sullivan.
Baylston Ave., near Green St., Ward 23, 2 three-sty frame dwell., and stores, flat roofs, 25.6' x 40'; owner, Mrs. B. Dolan; builder, J. P. Campbell.
Spring Park Ave., near Centre St., Ward 23, frame dwell., 21.6' x 46.4'; owner, Dr. C. E. Tuttle; builders, McNeil & McLean.
Ballard Pl., off Ballard St., Ward 23, frame dwell., 23' x 49'; owner, Wm. Leonard; builder, J. F. Sullivan.
Brookline, Mass.—High St., frame dwell., 27' x 35', with L, 16' x 22'; owner, Annie W. Wilson; builder, L. T. Lyons; architect, O. F. Smith, Boston.
Beacon St., opp. Tappan St., two brick dwell., four stories, 23.6' x 60'; owner and builder, U. H. Coffin; architect, O. F. Smith, Boston.
Brooklyn, N. Y.—Warren St., s. s. 260' w Third Ave., three-sty brick dwell., tin roof; cost, \$4,000; owner, Patrick Daly, 525 Baltic St.
Barbary St., n w cor. Sunnyside Ave., two-sty frame dwell., slate roof; cost, \$4,500; owner, C. Nicholas, New Lots Road.
Hancock St., n. s. 380' e Nostrand Ave., four-sty brick dwell., tin and slate roof; cost, \$8,000; owner, F. B. Langston, 1239 Bedford Ave.; architects, Langston & Dahlender, 1239 Bedford Ave.
Stone Ave., w. s. 150' s Blake Ave., two-sty frame dwell., tin roof; cost, \$3,000; owner, Annie Steinberg, Stone Ave., near Blake Ave.; architect, O. S. Totten, Eastern Parkway, near Hinesdale St.
Dean St., s. s. 140' e Smith St., four-sty brick dwell., tin roof; cost, \$10,000; owner, John McNamara, Smith St., near Dean St.; architect, Chas. Werner, Garfield Building.
Dean St., s. s. 120' e Smith St., four-sty brick dwell., tin roof; cost, \$10,000; owner, John Hanley, Schermerhorn St., near Smith St.; architect, Chas. Werner, Garfield Building.
Halsey St., s. s. 308' w Throop Ave., 6 two-and-one-half-sty brick dwell., tin roofs; cost, \$5,000 each; owner, architect and builder, David Weid, 359 Hancock St.
Twenty-third St., n. s. 120' e Sixth Ave., three-sty frame dwell., tin roof; cost, \$3,000; owner, John Stevens, 290 Twenty-third St.
Hemlock St., w. s. 316' s Jamaica Ave., 3 two-sty frame dwell., tin roofs; cost, \$1,750 each; owner,

BUILDING INTELLIGENCE.

A. H. Lowerre, 213 St. James Pl.; architect, Chas. M. Thompson, 2123 Bergen St.
Liberty Ave., s. s. 50' e Osborn St., 6 two-sty frame dwell., tin roofs; cost, \$2,000 each; owner, Chas. Tomlinson, 252 Warwick St.
Stone Ave., w. s. 200' s Blake Ave., two-sty frame dwell., tin roof; cost, \$3,000; owner, Jennie Steinberg, Stone Ave., near Blake Ave.; architect, O. S. Totten, Eastern Parkway, near Hinesdale St.
Putnam Ave., s. s. 190' e Bushwick Ave., two-sty frame dwell., tin roof; cost, \$1,000; owner, George Gutting, 1331 Greene Ave.; architect, F. J. Lessing, 91 Ralph Ave.
Belmont Ave., s. s. 50' e Osborn St., 2 three-sty frame dwell., tin roofs; cost, \$3,500 each; owner, Solomon Wolf, Watkins St., near Belmont Ave.; architect, A. J. Warren, 2583 Atlantic Ave.
Gates Ave., s. s. 184' e Evergreen Ave., three-sty frame dwell., tin roof; cost, \$4,500; owner, Chas. Welcher, 65 Grove St.; architect, H. Vollweiler, 486 Hart St.
Elton St., s. w cor. Ridgewood Ave., two-sty frame dwell., shingle roof; cost, \$1,000; owner, T. F. Parker, 54 Elton St.; architects, Danmar & Fischer, 2921 Atlantic Ave.
Decatur St., n. s. 405' e Throop Ave., 4 three-sty brick dwell., tin roofs; cost, \$25,000; owner, Wm. Shirden, 113 Decatur St.; architect, B. Van Brunt, 1287 Atlantic Ave.
Ninth St., n. s. 232' e Seventh Ave., 5 two-and-one-half-sty brick dwell., tin roofs; cost, \$7,000 each; owners and architects, Baker & Lincoln, Ninth St. and Seventh Ave.
Baltic St., s. s. 198' w Court St., 2 five-sty brick dwell., tin roofs; cost, \$12,000 each; owner and architect, Theodore Pearson, 294 Hoyt St.
New York, N. Y.—St. Ann's Ave., e. s. 375' s One Hundred and Fifty-sixth St., three-sty brick dwell., tin roof; cost, \$8,000; owner, John F. Ebenfast, 816 Forest Ave.; architect, John Brandt, 1491 Third Ave.
One Hundred and Second St., n. s. 100' w West End Ave., 5 three-sty brick dwell., tin roofs; cost, \$75,000; owner, Charles G. Judson, 74 West Fifty-fourth St.; architect, Clarence True, Eighty-eighth St. and Boulevard.
Payne St., w. s. 175' s Bayard St., two-sty brick dwell., tin roof; cost, \$3,000; owner, James Mulligan, 1611 Park Ave.; architect, George A. Bagge, 1703 Second Ave.
East Seventy-first St., No. 13, four-sty dwell., mansard and flat, tin and tile roof; cost, \$38,000; owner, Eric P. Swenson, 821 Madison Ave.; architect, R. H. Robinson, 121 East Twenty-third St.
Philadelphia, Pa.—Jefferson St., s. s. w Fowler St., three-sty dwell.; owner, Henry C. Hays.
Humboldt St., e. Tenth St., two-sty dwell.; owner, J. H. Smith.
Knox St., s. s. Mannheim St., 2 two-sty dwell.; contractor, Thos. Greaves.

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Leary St., e. s. n Somerset St., 3 two-sty dwell.; contractor, H. G. Schultz.
Thirty-first St., e. s. s York St., 5 three-sty dwell.; contractors, Roth & Fleckenstein.
Willow St., w. s. n Wakling St., two-sty dwell.; contractor, W. S. Roberts.
Aspen and Fortieth Sts., 9 three-sty dwell.; contractor, James Hood.
Ann St., s. s. bet. Amber St. and Trenton Ave., 34 two-sty dwell.; contractors, C. C. Moore & Co.
Brover St., e. s. s Buckins St., 3 two-sty dwell.; contractor, G. F. Little.
Buckins St. and Woodbine Ave., two-sty dwell.; owner, C. S. Johnson.
Carlisle St., n. e. cor. Diamond St., 3 four-sty dwell.; contractor, Thomas H. Parks.
North Fortieth St., No. 28, two-sty dwell.; contractor, John Hostable.
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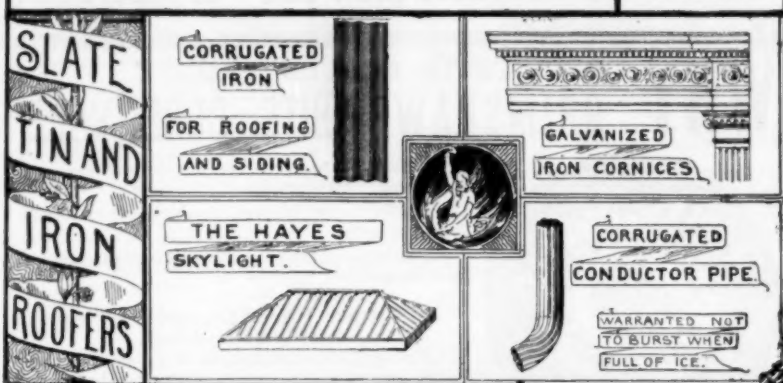
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Sumac St., n s, e Righter St., 2 two-and-one-half-st'y dwells.; contractors, Duncan & Shaw.
Mechlin St. and Germantown Ave., three-st'y dwell.; contractor, Raymond Ruff.
Redwood St., s s, w Fourth St., two-st'y dwell.; contractor, H. C. Dahl.
Second St., w s, n Wharton St., two-st'y dwell.; contractor, Charles G. Weed.
Westmont St., n s and s s, w Thirty-first St., 22 two-st'y dwells.; owners, James H. Stevenson & Son.
Ridge Ave., s s, n Diamond St., 7 three-st'y dwells.; owners, James H. Stevenson & Son.
Thirty-first St., w s, n Diamond St., 2 three-st'y dwells.; owners, James H. Stevenson & Son.
Dauphin St., n s, w Twelfth St., two-st'y dwell.; contractor, H. Luckings.
Forty-sixth St., w s, s Brown St., two-st'y dwell. and store; contractor, John Atkin.
Hancock St., e s, n Washington Lane, 2 three-st'y dwells.; contractors, O'Brien Bros.
Hains St., s s, w Hancock St., 2 two-st'y dwells.; contractors, O'Brien Bros.
Musgrove St., w s, s Church St., 6 two-st'y dwells.; contractor, Wm. Garvin.
McGrath St., No. 843, two-st'y dwell.; owner, Phil Weber.
Newkirk St., w s, s Cumberland St., 15 two-st'y dwells.; contractor, C. A. Warfield.
Prospect St., n s, w Ridge Ave., 2 three-st'y dwells.; contractor, S. B. Righter.
Reese St., e s, n Dauphin St., two-st'y dwell.; contractor, D. C. Schuler.
Homesburg Ave. and Crispin St., dwell.; contractor, Jos. A. Hand.
Twentieth St., e s, s Walnut St., four-st'y parish house; contractors, Thomas Little & Son.
Twenty-seventh St., e s, s Hartwell St., three-st'y dwell.; owner, J. Fergusson.
Twenty-seventh St., e s, n Highland Ave., 2 two-st'y dwells.; contractor, J. P. Neil.
Wood St., cor. Vears St., two-st'y dwell.; owner, John Welsh.
Clearfield and Emerald Sts., two-st'y dwell.; contractor, C. Dear.
Eyre St., w s, s Belgrade St., 4 two-st'y dwells.; contractors, James Macauley & Son.
Frankford Ave., s s, Bucking St., three-st'y dwell.; contractors, Plouche & Schoch.
Neshall St., w s, n Manheim St., 2 three-st'y dwells.; contractor, Wm. Garvin.
Oxford St., e s, w Twenty-sixth St., three-st'y dwell.; contractor, Samuel Morrison.
Van Kirk St., n s, e Hagerman St., 2 two-st'y dwells.; contractor, John W. Rhoads.
Brown St., e s, s Bouvier St., two-st'y dwell.; contractors, Kolliver Bros.
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Free St., n s, w Eleventh St., 16 two-st'y dwells.; builders, Montgomery & Baxter.
Twenty-second St., s s, Curtin St., two-st'y dwell.; owner, Richard Brown.
Twenty-eighth St., w s, s Wharton St., 6 two-st'y dwells.; builder, G. A. Young.
Ellsworth St., No. 1602, three-st'y dwell.; contractor, O. H. Main.
Dounon St., s s, e Germantown Ave., two-st'y dwells.; contractors, McLoughlin & McNamara.
Forty-seventh St., n s, Chester Ave., 2 three-st'y dwells.; contractor, James D. Arthur.
North Front St., No. 2310, three-st'y dwell. and store; contractor, James H. Kea.
Grays Ave., e s, Sixty-fourth St., 2 two-st'y dwells.; contractor, Amos W. Linn.
Hancock St., w s, s Cambria St., 20 two-st'y dwells., 1 three-st'y dwell.; contractor, T. W. Smaltz.
Kingsessing Ave., w Forty-sixth St., 6 three-st'y dwells.; contractor, Wm. S. Kimball.
Marshall St., w s, n Cambria St., 4 two-st'y dwells.; contractors, Woelfel & Schmunk.
Seventh St., e s, n Cambria St., 4 two-st'y dwells.; contractors, Woelfel & Schmunk.
Sellers St., e s, w Winghocking St., 2 two-st'y dwells.; contractor, W. M. France.
Second St., w s, s Olney St., three-st'y dwell.; contractor, L. Altenu.
Second St., e s, s Chew St., three-st'y dwell.; contractor, L. Altenu.
Wisteria St., w Miller St., 4 two-st'y dwells.; contractor, James Hillyer.

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Eyre Ave., No. 1340, two-st'y dwell.; contractor, James McCauley.
Melrose St., s w cor. Tasker St., three-st'y dwell. and store; contractor, Thomas Waters.
Hawarth St., e Frankford Ave., two double dwells.; owners, Hawarth Land Co.
Jefferson and Selig Sts., 2 three-st'y dwells.; contractors, Wright and Dager.
McClintan St., s s, e Nineteenth St., 21 two-st'y dwells.; contractor, C. B. Prettyman.
Oxford St., Nos. 117-119, two-st'y dwells.; contractor, J. Matlock.
Broad St., w s, above Poplar St., 6 four-st'y dwells.; contractors, B. Ketcham & Sons.
Cantrell St., n s, e Fifth St., 15 two-st'y dwells.; owner, J. J. Cassidy.
Durfur St., s s, e Fifth St., 15 two-st'y dwells.; contractor, Robert Kellough.
Durfur St., n s, e Fifth St., 28 two-st'y dwells.; owner, Alex Cowan.
Riley St., s s, w Pechin St., 2 two-st'y dwells.; owner, Caleb Wallace.
Rialston St., No. 2331, two-st'y dwell.; contractor, Andrew Moore.
Salmon St., s Lehigh Ave., two-st'y dwell.; owner, C. B. Ruffel.
Union St., s s, w Main St., two-st'y dwell.; contractor, J. P. O'Neill.
Upal St., s s, e Jefferson St., 3 four-st'y dwells.; contractor, H. H. Buzby.
Plymouth, Mass. — Frame dwell., 26' x 34'; owner, J. E. Bartlett; contract to be let; architect, O. F. Smith, Boston.

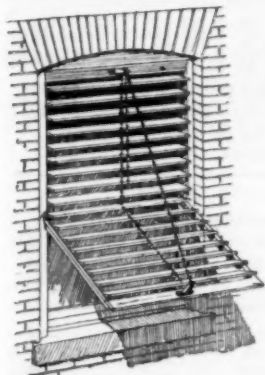
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BUILDING INTELLIGENCE.

STABLES.

Boston, Mass.—*Bellerue St.*, near Short St., Ward 22, two-sty brick stable, hip roof, 35' x 40'; owner, Jacob Edwards; builder, Chas. Blodgett.
Brooklyn, N. Y.—*Clifton Pl.*, s. s. 125' w Bedford Ave., three-sty brick stable, gravel roof; cost, \$7,000; owner, Charles Mosher, 1051 Bedford Ave.; architects, J. D. Reynolds & Son, 363 Fulton St.
New York, N. Y.—*Sixty-seventh St.*, Nos. 7-9, 2 three-sty brick stables, tin roof; cost, \$20,000; owner, Wm. B. Baldwin, 5 West Seventeenth St.; architect, G. Fred Pelham, 1481 Broadway.

Philadelphia, Pa.—*Lancaster Ave.*, No. 4040, one-sty stable; contractor, W. V. Butler.
Arizona and Twenty-seventh Sts., two-sty stable; contractor, W. F. Kelly.
Bethlehem Pike, s. Reading Railroad, two-sty stable; contractor, George Hearst.
Eighth St., e. s. n. Dickinson St., three-sty stable; contractor, Michael Whelan.
Seventy-second St. and Greenway Ave., two-sty stable; contractor, John L. Ogden.

Roxbury, Mass.—*Walnut Park*, frame stable, 27' x 50'; owner, S. F. Jones; builder, J. N. Pickett; architect, O. F. Smith, Boston.

STORES.

Brooklyn, N. Y.—*Osborn St.*, n. e. cor. Dumont Ave., three-sty frame store and dwell., tin roof; cost, \$4,000; owner, S. C. Wilson, 2499 Atlantic Ave.
Third Ave., w. s. 75' 29' n Fifty-second St., three-sty brick store and dwell., tin roof; cost, \$3,500; owner, Henry Surran, 1271 Third Ave.; architects, H. L. Spicer & Sons, Third Ave. and Fifty-third St.
Ralph Ave., w. s. 40' n Jefferson Ave., 5 four-sty brick stores and flats, tin roofs; owner, John F. Judge, 424 Warren St.; architect, M. F. Walsh, 371 Fulton St.
Ralph Ave., n. w. cor. Jefferson Ave., four-sty brick store and flat, tin roof; cost, \$14,000; owner, John F. Judge, 424 Warren St.; architect, M. F. Walsh, 371 Fulton St.
Ralph Ave., w. s. 21' n Jefferson Ave., four-sty brick store and flat, tin roof; cost, \$8,000; owner, John F. Judge, 424 Warren St.; architect, M. F. Walsh, 371 Fulton St.
Richard St., n. w. cor. Partition St., four-sty frame store and dwell., tin roof; cost, \$7,000; owner, Torrence Sharkey, 69 Partition St.; architect, D. J. Lynch, 69 Partition St.
Eastern Parkway, n. s. 100' e Christopher St., 2 three-sty frame stores and dwells., tin roofs; cost, \$3,000 each; owners, J. Solomon & H. Golberg, Belmont and Watkins St.; architect, A. J. Warren, 2583 Atlantic Ave.
Third Ave., e. s. 29' n Thirty-third St., three-sty brick store and dwell., tin roof; cost, \$3,800; owner, Pierce Everard, on premises; architects, H. L. Spicer & Son, Third Ave. and Fifty-third St.

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Throop Ave., s. w. cor. Jefferson Ave., four-sty brick store and dwell., tin roof; cost, \$10,000; owner, architect and builder, H. Grasman, 840 Hancock St.

Third Ave., s. e. cor. Twenty-seventh St., three-sty brick store and dwell., tin roof; cost, \$5,000; owner, James Cosgrove, Third Ave. and Twenty-seventh St.; architects, H. L. Spicer & Sons, Third Ave. and Fifty-third St.

Atlantic Ave., s. s. 42' w Linwood St., three-sty frame store and dwell., tin roof; cost, \$5,500; owner, Wm. Doran, 2921 Atlantic Ave.; architects, Dannar & Fischer, 2921 Atlantic Ave.

Osborn St., s. e. cor. Belmont Ave., three-sty frame store and dwell., tin roof; cost, \$7,000; owner, Louis Ratner, Osborn St., near Belmont Ave.; architect, Chas. Infanger, 68 Van Sieten Ave.

Rockaway Ave., w. s. 300' n Eastern Parkway, 2 three-sty frame stores and dwells., tin roofs; cost, \$4,500 each; owner, L. Ratney, Osborn St., near Belmont Ave.

Thatford Ave., w. s. 25' w Belmont Ave., 2 three-sty frame stores and dwells., tin roofs; cost, \$4,500 each; owner, Louis Ratner, Osborn St. and Belmont Ave.

Eastern Parkway, n. s. 25' e Thatford Ave., three-sty frame store and dwell., tin roof; cost, \$5,500; owner, Louis Ratner, Osborn St. and Belmont Ave.

Eastern Parkway, s. s. 25' w Thatford Ave., 2 three-sty frame stores and dwells., tin roofs; cost, \$5,500; owner, Louis Ratner, Osborn St. and Belmont Ave.

Livingston St., s. e. cor. Bond St., four-sty brick store and dwell., tin roof; cost, \$16,000; owner, Mrs. Martin Schneider, 16 Seventh Ave.; architect, Chas. Werner, Garfield Building.

Hart St., s. s. 200' w Hamburg Ave., three-sty frame store and dwell., tin roof; cost, \$4,500; owner, Deinhardt Bros., 257 Jefferson St.; architect, E. Schrenpf, 36 Monteth St.

Dumont Ave., s. s. 75' w Watkins St., three-sty frame store and dwell., tin roof; cost, \$3,000; owner, M. Jacobson, on premises; architect, A. J. Warren, 2583 Atlantic Ave.

Fifth Ave., s. e. cor. Berkeley Pl., 4 four-sty brick stores and dwells., tin roofs; total cost, \$45,000; owner, Thos. Brown, 667 Tenth St.; architect, W. M. Coats, 26 Court St.

Watkins St., w. s. 100' e Eastern Parkway, three-sty frame store and dwell., tin roof; cost, \$3,500; owner, Adia Palmer, Watkins St., near Belmont St.; architect, A. J. Warren, 2583 Atlantic Ave.

Atlantic Ave., s. w. cor. Williams Pl., 3 one-sty frame stores and dwells., tin roof; cost, \$6,000; owner, Hubert Smith, Highland Boulevard; architect, A. J. Warren, 2583 Atlantic Ave.

Broadway, n. s. 50' w Hewes St., four-sty brick store and flats, tin roof; cost, \$15,000; owner, J. A. Collet, 226 South Ninth St.; architects, Jordan & Giller, 19 Park Pl., New York.

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Bedford Ave., n. w. cor. North Tenth St., 4 four-sty brick stores and dwells., tin roofs; cost, \$30,360; owner, Anton Manuel, North Ninth St., near Bedford Ave.; architect, A. Herbert, 145 Broadway.

Gates Ave., s. s. 175' e Knickerbocker Ave., 2 three-sty frame stores and dwells., tin roofs; cost, \$5,000 each; owner, Henry Taylor, 1522 Third Ave., New York; architect, Edward Wenz, 1491 Third Ave.

Third Ave., n. e. cor. Fifty-third St., four-sty brick store and dwell., tin roof; cost, \$5,000; owner, Danl. Ryan, 723 Third Ave.

New York, N. Y.—*Wooster St.*, No. 105-113, six-sty brick store, tin roof; cost, \$50,000; owner, The Fisk Associate Co., Boston; architect, Charles A. Behrens, 407 Broadway.

Philadelphia, Pa.—*Point Breeze Ave.*, w. s. s. Cross St., 3 two-sty stores; contractor, John Devlin.
Mantua Ave., n. w. cor. Thirty-fourth St., two-sty store; contractor, W. L. Stevenson.

St. Louis, Mo.—Three-and-one-half-sty brick store and flats; cost, \$14,000; owner, J. Schmid; contractor, C. Poertner.

Two-sty brick store and dwell.; cost, \$3,500; owner, W. Morris; contractor, E. Mackey & Son.

Two-sty brick store and dwell.; cost, \$7,000; owner, George Smith; contractor, A. Krause & Son.

Two-sty brick store and dwell.; cost, \$3,000; owner, Mrs. E. P. Fox; contractor, E. Halloran.

Two-sty brick store and dwell.; cost, \$3,500; owners, J. & L. Newport; contractor, J. S. Riley.

Three-sty brick store and dwell.; cost, \$5,000; owner, J. P. Heinerich; contractor, F. Theleman.

Two-sty brick store and dwell.; cost, \$7,000; owner, A. Greisdieck; contractors, Neuer & Meng.

Two-sty brick store and dwell.; cost, \$3,000; owner, O. Oleser; contractor, J. Wilkinson.

Three-sty brick store and dwell.; cost, \$4,500; owner, Mrs. Muenet; contractor, B. Deugler.

Two-sty brick store and dwell.; cost, \$4,000; owner, T. Summers; contractor, B. Stock.

One-sty brick store; cost, \$5,000; owners, A. & J. F. Lee; contractor, M. J. Brennan.

TENEMENT-HOUSES.

New York, N. Y.—*Currine St.*, No. 13, five-sty brick tenement, tin roof; cost, \$18,000; owner, Estate C. V. S. Rosevelt, 33 Wall St.; architect, Wm. H. Russell, 71 Broadway.

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MISCELLANEOUS.

Brooklyn, N. Y. — Boerum St., No. 184, five-st'y brick tailor shop, tin roof; cost, \$4,000; owner, Mr. Simon, 35 East Broadway, New York City; architect, H. Vollweiler, 483 Hart St.

Boerum St., No. 51, five-st'y brick tailor shop, tin roof; cost, \$4,000; owner, Mr. Simon, 35 East Broadway, New York City; architect, H. Vollweiler, 483 Hart St.

Jamaica Plain, Mass. — Centre St., frame building, 32.2' x 43.2', with L, 18.2' x 25.6'; for the Adams Nervine Asylum; builder, H. P. Oakman; architect, H. M. Stephenson, Boston.

New York, N. Y. — Sixty-fifth St., s.s. 370' w Eleventh Ave., one-st'y brick workshop, peak merchants plate roofing; cost, \$4,000; owner, N. Y. C. & H. R. R. E., Grand Central Depot; architect, Walter Katte, Grand Central Depot.

PROPOSALS.

July 3, 1891. 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 30th day of July, 1891, for all the labor and materials to fix in place complete the low-pressure, steam-heating and mechanical ventilating apparatus, etc., and the concrete floor of basement, for the United States Court-house and Post-office building at Louisville, Ky., 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 Louisville, Ky. 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 Low-

PROPOSALS.

pressure, Steam-heating and Mechanical Ventilating Apparatus, etc., and the Concrete Floor of Basement, for the United States Court-house and Post-office building at Louisville, Ky., and addressed to W. J. EDBROOKE, Supervising Architect. 812

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Sealed proposals will be received at this office until 12 M., July 20, 1891, for heating and ventilating the Massachusetts State-House Extension in accordance with plans and specifications, copies of which, and any additional information relating thereto, may be had on application to the architects on and after July 1, 1891.

The Commission reserves the right to reject any and all bids, and bids received after the time named will not be considered. All bids to be plainly marked "Bids for Heating and Ventilating Massachusetts State-House Extension, Boston, Mass."

JOHN D. LONG, State-House
BENJ. D. WHITCOMB, Construction
WM. ENDICOTT, JR., Commission.

811

July 3, 1891. 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 28th day of July, 1891, for all the labor and materials required for the iron stairs, iron-work, etc., of elevator-shaft for the United States Court-house, Post-office, etc., building at Denver, Colo., in accordance with drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Denver, Colo. 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

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do not comply strictly with all the requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for Iron Stairs, etc., for the United States Court-house, Post-office, etc., building at Denver, Colo., and addressed to W. J. EDBROOKE, Supervising Architect. 812

June 29, 1891. 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 July, 1891, for the labor and materials required for sidewalk, street curb and gutters of the approaches to the United States Court-house, Post-office, etc., building at Carson City, Nevada, in accordance with specification and drawing, copies of which may be had on application at this office or the office of the Custodian at Carson City, Nevada. 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 Work on the Approaches to the United States Court-house, Post-office building at Carson City, Nevada," and addressed to W. J. EDBROOKE, Supervising Architect. 811

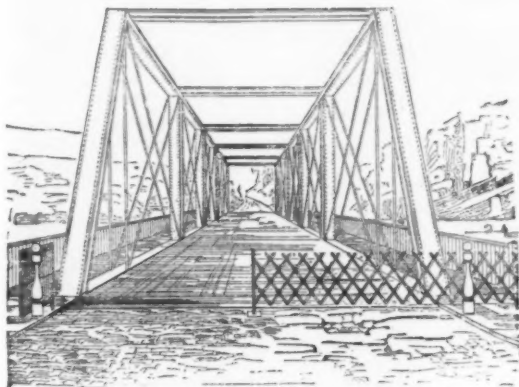
June 26, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 18th day of July, 1891, for all the labor and materials required to furnish and put in place complete the low-temperature, hot-water heating and ventilating apparatus required for the United States Post-office, Custom-house, etc., building at Wilmington, N. C., in accordance with the drawings and specifications, copies of which may be had on application at this office or the office of the Custodian at Wilmington, N. C. 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 Low-temperature, Hot-water Heating and Ventilating Apparatus for the United States Post-office, Custom-house, etc., building at Wilmington, N. C.," and addressed to W. J. EDBROOKE, Supervising Architect. 811

SOME OF THE SPECIALTIES

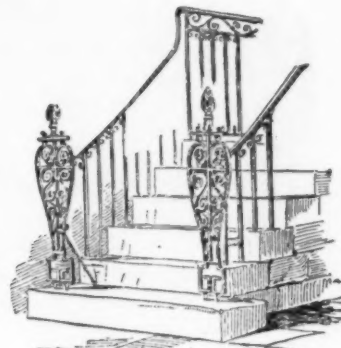
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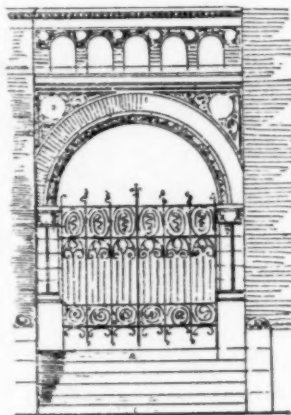
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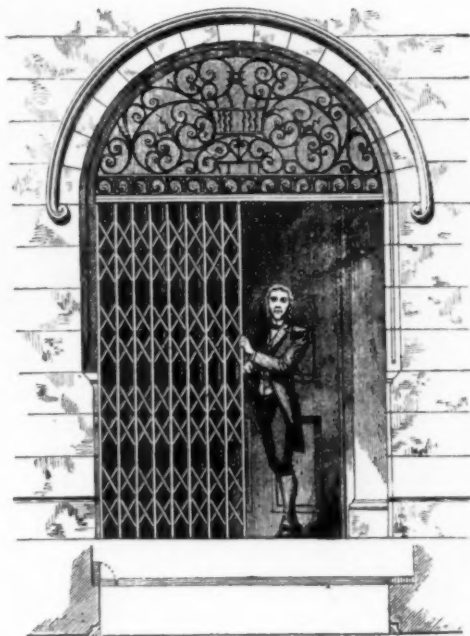
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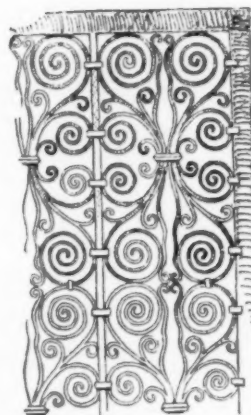
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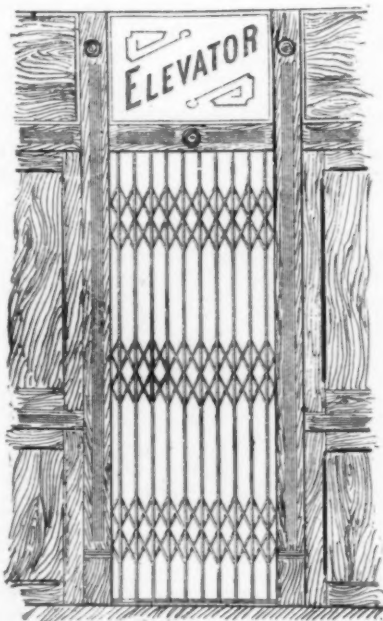
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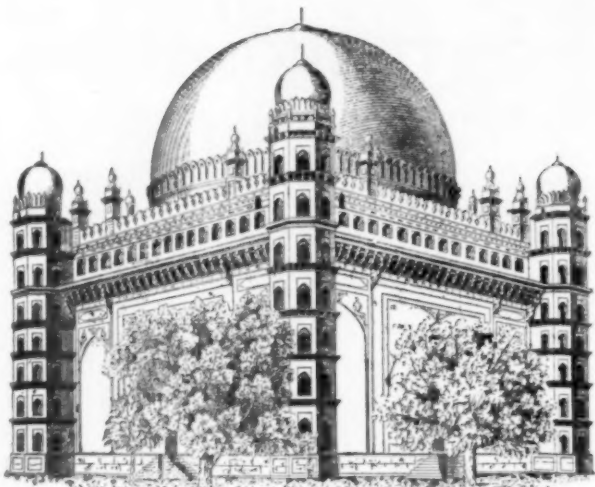
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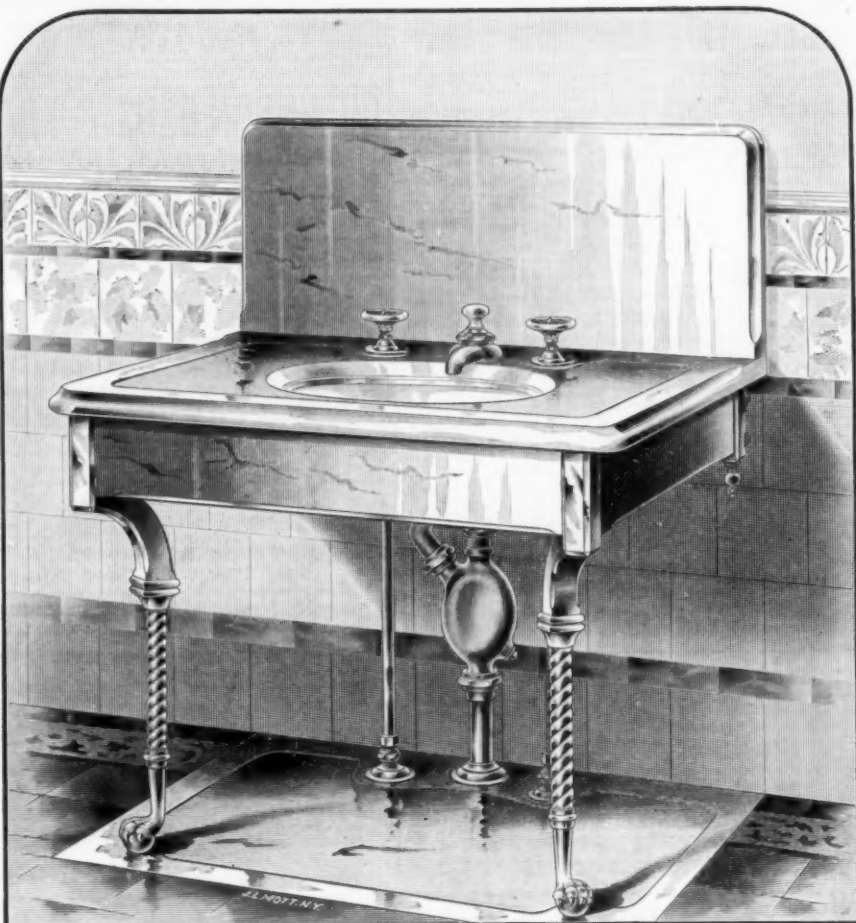


PLATE 933-G.

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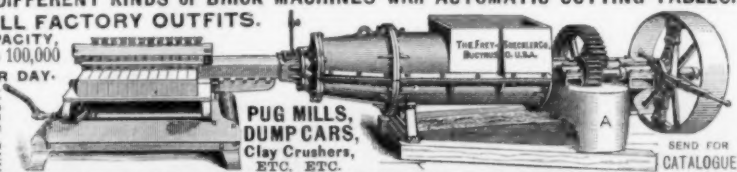
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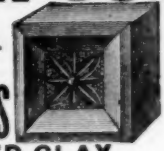
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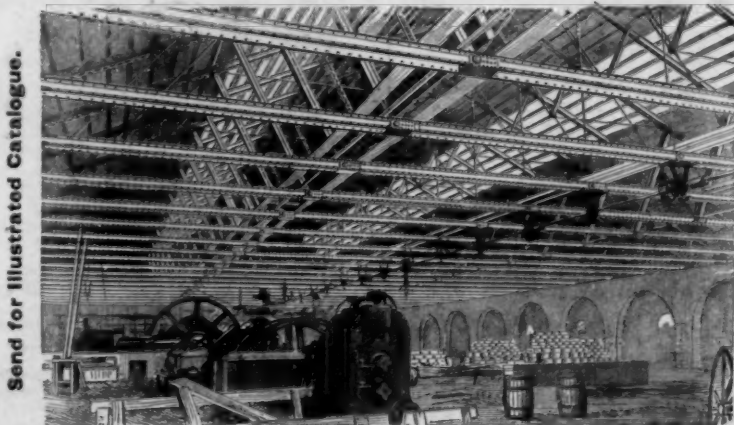
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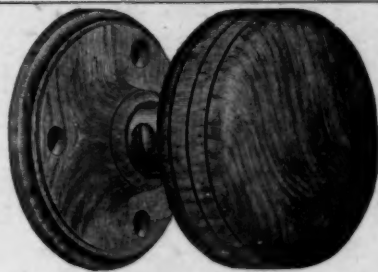
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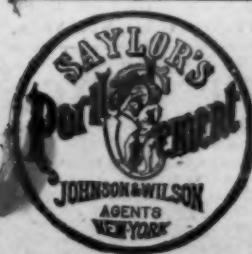
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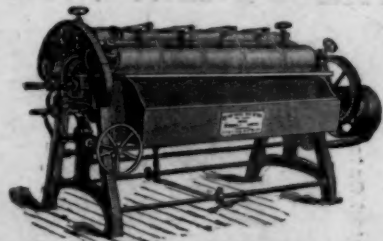
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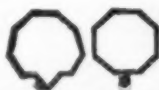
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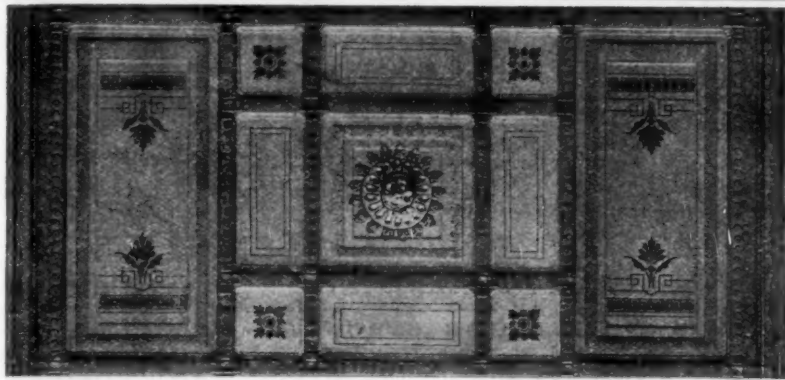
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BUILDING MATERIALS.

	New York.	Boston.	Chicago.	Philadelphia.
(Wholesale Prices.) (Prices 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.....	@ 25 00	13 50 @ 25 00	Not sold.	16 00 @ 20 00
Hemlock.....	ea 134 @ 14	13 00 @ 15 00	@ 12 00	11 25 @ 13 50
Yellow pine.....	20 @ 40	25 00 @ 35 00	29 00 @ 37 00	14 00 @ 29 00
Cypress.....	@	31 00 @ 40 00	@	@ 35 00
Clapboards:				
Pine.....	@	38 00 @ 60 00	10 00 @ 22 00	14 00 @ 25 00
Spruce.....	@	23 00 @ 35 00	Not sold.	Not sold.
Framing Timber:				
Pine.....	14 00 @ 18 00	15 00 @ 18 00	12 00 @ 15 00	25 00 @ 37 30
Spruce.....	12 00 @ 16 00	14 00 @ 15 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 35	2 10 @ 2 25	2 75 @ 3 00
Spruce.....	2 0 @ 2 25	2 25 @ 2 50	Not sold.	2 30 @ 3 0
Shingles:				
Pine, shaved.....P. M.	5 00 @ 6 00	@	Not sold.	
Pine, sawed....."	4 00 @ 5 00	@ 4 50	2 20 @ 3 00	
Spruce, sawed....."	1 50 @ 2 00	1 50 @ 00	Not sold.	
Redwood.....P. 125.	1 40 @ 1 60	3 75 @ 4 00	6 00 @ 7 50	3 00 @ 3 50 @ 40
Cedar split.....P. M.	@	@	Not sold.	2 00 @ 8 @ 21
Cedar sawed.....P. M.	@	2 00 @ 4 00	2 00 @ 2 35	2 00 @ 35 @ 14
Cypress. Split...7 x 24. "	18 00 @ 20 00	5 00 @ 6 00	3 50 @ 4 00	11 00 @ 14 00
Miscellaneous:				
Piles.....P. ft.	4 1 @ 5 1	Piles 6c. P. ft.	Cut to order.	
Fence pickets, Common.....	8 00 @ 9 00	10 00 @ 18 00	P. 10 00 @ 18 00	9 00 @ 13 00
Cedar posts, 9 ft. (sq. posts.).....	@	25 @ 50	9 @ 21	40 @ 1 25
Chestnut posts.....	@	25 @ 50	Not sold.	20 @ 30
Finishing Woods: P. M. (First Qual.)				
Ash.....	@ 55 00	45 00 @ 60 00	30 00 @ 35 00	30 00 @ 40 00
Cherry.....	80 00 @ 120 00	90 00 @ 120 00	80 00 @ 110 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	45 00 @ 50 00		
Mahogany, Baywood [Mexican].....	@ 350 00	150 00 @ 160 00	150 00 @ 200 00	150 00 @ 250 00
St. Domingo.....	45 00 @ 50 00	120 00 @ 350 00	200 00 @ 250 00	200 00 @ 400 00
Maple.....	@ 70 00	45 00 @ 50 00	18 00 @ 35 00	25 00 @ 55 00
Oak, red.....	@ 70 00	50 00 @ 55 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 @ 75 00	45 00 @ 50 00	60 00 @ 75 00
Sycamore quartered.....		50 00 @ 65 00	35 00 @ 50 00	57 50 @ 65 00
Pine, clear.....	65 00 @ 70 00	50 00 @ 75 00	36 00 @ 50 00	@ 65 00
Redwood.....P. lb.	60 00 @ 70 00	60 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
Rosewood.....	@ 6		@ 7	
Spruce floors (clear, kiln-dried).....		32 00 @ 35 00		
Walnut, black.....	125 00 @ 150 00	85 00 @ 120 00	55 00 @ 100 00	50 00 @ 170 00
Whitewood.....	45 00 @ 50 00	40 00 @ 45 00	18 00 @ 40 00	25 00 @ 40 00
Yellow pine.....P. M.	@ 45 00	40 00 @ 42 00	29 00 @ 40 00	50 @ 45 00

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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 afloat.				
Pale.....	2 00 @ 2 50	Eastern Brick	Building Brick	Sq. Hard @ 9 00
Jersey.....	4 00 @ 4 75	9 00 @ 10 00	" 6 50	" " @ 7 00
Long Island.....		Bay State Hard		Salmon @ 5 00
Up River.....	4 00 @ 5 00	5 00 @ 9 00		Sq. Light Stretchers
Haverstraw Bay Bl.....	5 00 @ 5 25	Domestic Com.	Indiana Pressed	" @ 10 00
" 1st.....	5 25 @ 5 50	9 50 @ 10 00	14 00 @ 20 00	Medium " @ 12 00
Hollow.....	@ 13 00	Domestic Face	St. Louis Fronts	Red " @ 13 00
Fronts:		20 00 @ 22 00		Dark " @ 13 00
Croton, Brown.....	@ 13 00	Philadelphia		Pressed " @ 13 00
" dark.....	@ 14 00	40 00 @ 45 00		18 00 @ 20 00
" red.....	@ 14 00	Phila. mould		Best Paving @ 14 00
Chicago pressed (Anderson).....		50 00 @ 80 00		Second " @ 13 00
" Moulded.....				Third " @ 12 00
Baltimore.....	57 00 @ 41 00	Anderson		Dom. { @ 65
Philadelphia.....	23 00 @ 24 00	14 00 @ 32 00		{ @ 85
Trenton.....	22 00 @ 23 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. Cask.)				
Rosendale Cement.....	90 @ 1 00	1 20 @ 1 40	Not sold.	1 30 @ 1 50
Louisville.....		Brooks, S. & Co.	1 05 @ 1 30	BS&Co 2 75 @ 3 00
Utica, Akron, Buffalo, Milwaukee.	Not sold.	2 60 @ 3 00	1 00 @ 1 25	2 85 @ 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
" Black Cross.....	2 25 @ 2 50	2 60 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" (Burnham).....	2 10 @ 2 80	2 60 @ 3 00	2 90 @ 3 15	2 75 @ 2 85
" (White's).....	2 65 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	
" French (Lafarge).....	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" German (Alsen).....	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	2 50 @ 2 75
" (Fewer).....	2 25 @ 2 40	3 15 @ 3 35	3 20 @ 3 40	2 75 @ 2 85
" (Vorwöhler).....	2 50 @ 2 90	Cleopatra		Joesson
" (Lagerdofer).....	@	2 55 @ 3 00	2 75 @ 3 00	2 60 @ 2 75
" (Dyckerhoff).....	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	3 00 @ 3 25
" (Hanover).....	2 50 @ 3 00		Not sold.	2 75 @ 2 85
" Stettin (Anchor)	2 35 @ 2 85		Not sold.	
" American (Saylor's).....	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	2 70 @ 3 00
Roman.....	2 75 @ 3 00	@ 3 00	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse.....	5 75 @ 6 50	@ 6 00	6 00 @ 7 00	6 50 @ 7 00
" superfine.....	9 25 @ 10 25	@ 11 50	9 00 @ 10 50	8 00 @ 9 00
Lime:				
Lime of Tell.....	3 50 @ 4 00		Not sold.	White Lime P bush
Hydraulic Lime.....	@ 1 45	@ 1 35		25 @ 30
Chicago Lime in bulk.....		St. John 1 00	55 @	{ White Mash
Wisconsin Lime.....	@ 80	@ 1 05	60 @	{ 1 25 @ 1 50
Rockland and Rockport, (Com.).....	@ 1 00	@ 1 10	Not sold.	1 00 @ 1 00
Rockland and Rockport, finish.....	@ 1 20	@ 1 20	Not sold.	
Keiley Island Lime, finish.....	@ 85	Not sold.	1 00 bulk, 75c.	Not sold.
State, com. cargo rates (nom.).....	@ 1 05	Not sold.	Not sold.	Not sold.
State, finishing.....	1 20 @ 1 25	1 85 @ 2 60	1 85 @ 1 90	1 50 @ 2 25
Plaster of Paris (calcined).....	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
" (casting).....	16 @ 18	25 @ 30	20 @ 25	20 @ 35
Hair (Cattle) P bush.....	20 @ 22	@ 30	30 @ 35	30 @ 35
" (Goat).....	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
Sand, P load.....				
STONE. (P cubic foot, rough.)				
Granite: (Maine)		@ 60		55 @ 65
Limestone:				75 @ 90
Bedford.....	45 @ 1 25	95 @ 1 00	50 @	Richmond
Joliet.....	@ 1 00		35 @ 55	75 @ 1 50
Lemont.....	@		35 @ 60	P Perch @ 4 50
Serpentine.....	@	10 50 per ton	@ 1 00	

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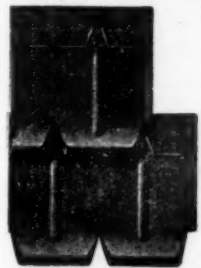
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Mortar Colors.				
Black, brown, buff P lb.	@ 2 1/2	@	@	@
Colorite... P lb.	@ 2 1/2	@	@	@
Red... P lb.	@ 3	@	@	@
White... P bbl.	@ 1 75	@	@	@
Foundation:				
Dimension...	@	5 00 P ton.	20 @	@ 5 00
Block...	@	4 60 P perch.	8 50 @	Conshocken
Rubble...	@	1 25 @ 1 50	8 50 @	1 45 @ 2 50
Blue stone: P sq. ft.				
Sidewalk...	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 25
Planed...	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 @	1 25 @ 1 45	1 50 P cub. ft.	@ 55 @ 1 00
Amherst...	90 @ 95	90 @ 1 00	45 @ 50	@ 1 10 @ 1 00
Berea } Ohio...	75 @ 1 00	85 @ 90	45 @ 55	@ 1 00 @ 1 00
Berlin } ...	75 @ 1 00	80 @ 90	55 @ 65	@ 1 00 @ 1 00
Belleville } ...	80 @ 1 25	1 25 @ 1 35	@ 1 25	@ 1 25 @ 1 00
New Brunswick (Dorchester)...	@ 1 00	75 @ 90	@	@ 95 @ 1 00
Caen... English...	@ 1 05	@ 2 00	@	@
Carlisle... Scotch...	@ 1 05	@ 1 05	@	@
Corse Hill (Scotch)...	@ 1 05	@ 1 05	@	@
Marble: (P 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...	@	@	@ 4 40	2 50 @ 2 75
" Sienna...	@	@	Not Sold.	@ 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 00	2 25 @ 3 00
Slate: Roofing (P square).				
green...	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 20 @ 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...	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" black, Lehigh...	4 25 @ 4 75	@	6 25 @ 6 85	3 25 @ 4 00
" Chapmans...	@	@	7 30 @ 8 00	4 00 @ 4 65
" Unfading black, Monson, Me...	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am... P M.	@	@	Not Sold.	@ 25 00
N. Peach Bottom, warranted unfading.	@	@	@	6 00 @ 6 75
PAINTS. (In Oil P lb.)				
White lead, Am...	7 @ 7 1/2	7 1/2 @ 7 1/2	6 1/2 @ 7	@ 7 1/2
" zinc...	5 @ 7 1/2	7 1/2 @ 7 1/2	7 @ 10 1/2	@ 7 1/2
Red lead, Am...	6 1/2 @ 7	7 1/2 @ 7 1/2	6 1/2 @ 7	@ 7 1/2
" Venetian...	6 @ 10 1/2	7 @ 12	1 1/2 @ 2 1/2	dry Eng. @ 7
Vermilion...	65 @ 70	75 @ 80 dry	65 @ 68	Eng. @ 76
Indian, Eng...	12 @ 20	12 @ 20	12 @ 20	dry Am. @ 11
Yellow Ochre...	6 @ 15	7 @ 12	3 @ 15	@ 18
" Chrome...	12 @ 20	18 @ 25	15 @ 25	@ 21
Green (chrome)...	8 @ 13	8 @ 20	8 @ 20	@ 20
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)...	55 @ 62	46 @ 47	57 @ 60	@ 60
" boiled...	58 @ 65	49 @ 50	60 @ 63	@ 65
Turpentine...	38 1/2 @ 39	42 @ 43	51 @ 51	@ 44
Varnish, coach...	@	1 50 @ 6 00	1 25 @ 2 00	125 @ 3 00
Shellac...	@	2 50 @ 3 00	2 25 @ 4 00	150 @ 3 00
Patty...	2 @	2 @ 4	2 @ 2 1/2	2 @ 2 1/2
Whiting...	75 @ 1 00	1 @ 1 1/2	1 @ 1 1/2	@ 1
Paris white, (Eng)...	1 30 @ 2 00	2 @ 3	1 1/2 @ 2	@ 1 1/2 @ 2
Litharge, Am...	5 1/2 @ 6	@ 7 1/2	6 @ 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	per keg @ 2 25
10d, common...	@ 2 60	@ 2 15	@ 2 35	@ 2 30
Shingle...	@ 3 35	@ 2 25	@ 2 75	@ 2 60
Lath...	@ 4 85	@ 3 45	@ 3 65	3 60 @ 4 75
(Finishing nails according to size.)	@	@	Add .85 to \$1.15	per lb 4 @ 6
(For casing nails add 75 c. per keg.)	@	@	.50 to .50	Add per cask
Butts: 4" x 4"...	@ 1 00	@ 1 20	@ 90	2 90 (all kinds)
Plain...	@ 1 50	@ 1 75	Not Sold.	@ 90
Japanned...	@ 1 50	@ 1 90	2 00 @ 3 75	1 35 @ 2 00
Ball Tip, Boston Finish... (P pair)...	@ 65	@ 50	Not Sold.	1 35 @ 2 75
Bronze metal...	@ 1 90	plain 1 65	2 00 @ 3 25	48 @ 50
Brass (for cupboards)...	@ 10	@ 10	@ 12	@ 1 25
Ebony...	@	@	@	@ 35
Apple wood...	@	@	@	37 @ 1 00
Knobs: (P set.)				
Mineral, best...	@ 8	@ 8	@ 10	@ 08
Lava...	@ 50	@ 75	65 @ 89	Not Sold.
Hemacite...	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	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...	@	@ 7 1/2	13 @ 16	13 1/2 @ 16
Lead Pipe...	@	@ 7	@ 7	@ 6 1/2
Iron:				
I-Beams, up to and including 36 ft...	3 3-10 @ 3 1/2	@ 3 1-10	@	@ 2 8-10
I-Beams, over 36 ft. 1/2, 3/4, 1 c. advance...	3 3-10 @ 3 1/2	@ 3 1-10	3 20 @ 3 70	@ 2 8-10
Channel-Beams...	3 3-10 @ 3 1/2	@ 3 1-10	3 20 @ 3 70	@ 2 8-10



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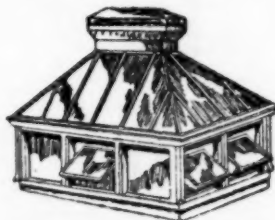
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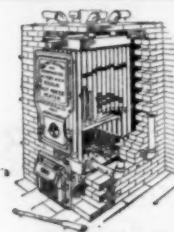
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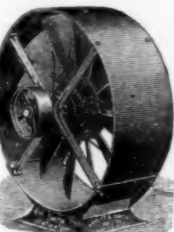
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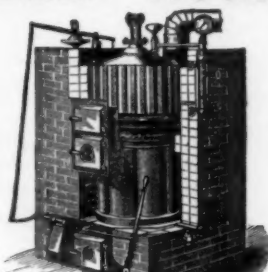
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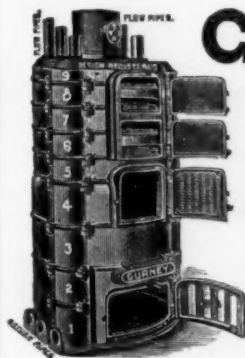


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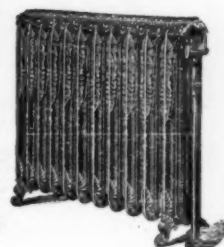


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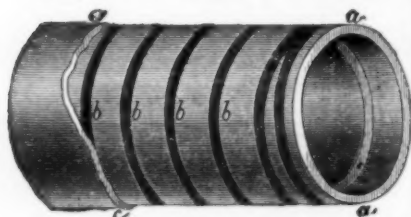
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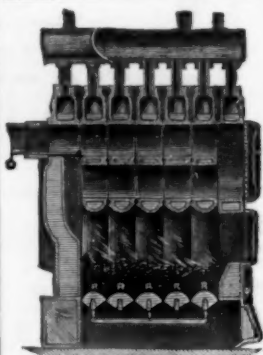
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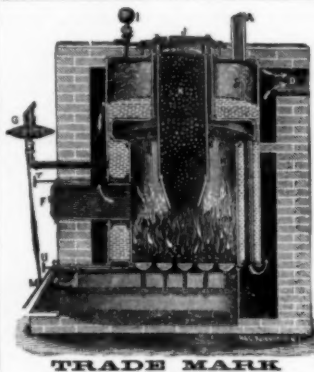
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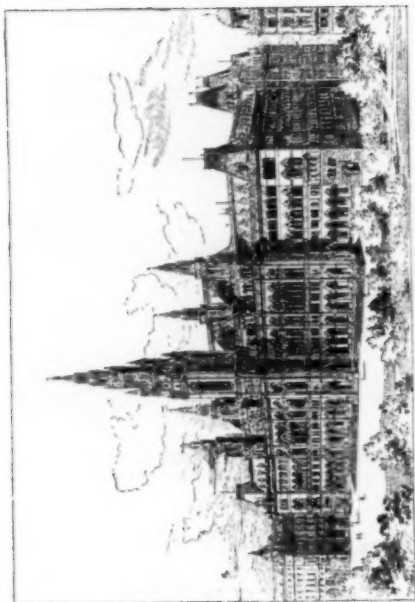
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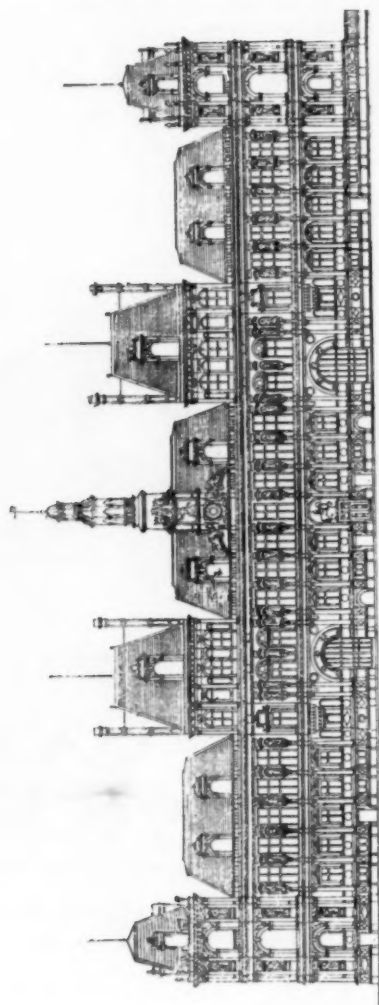


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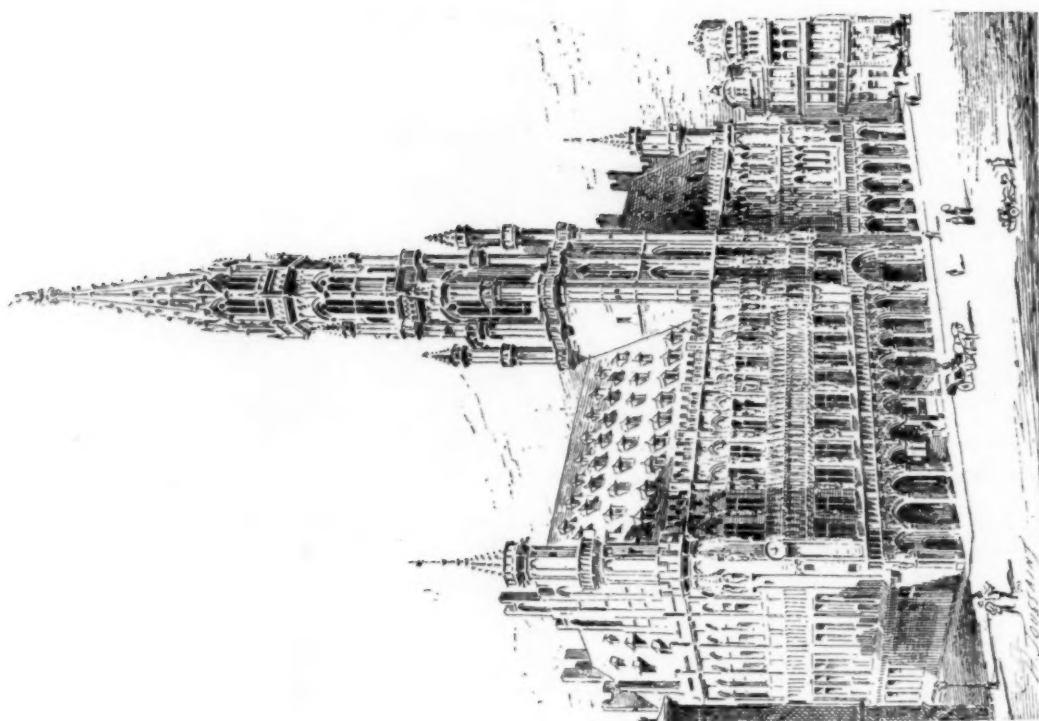
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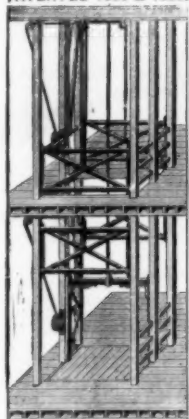
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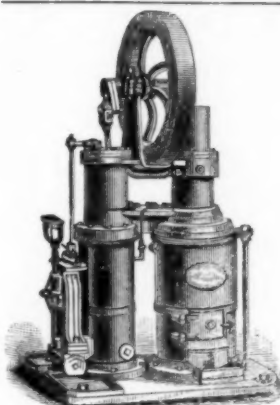
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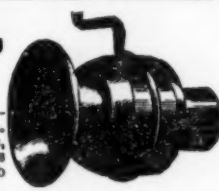
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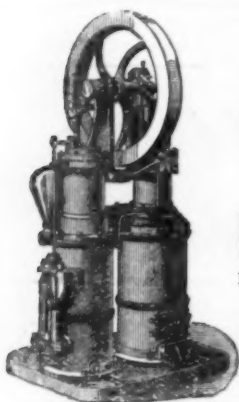
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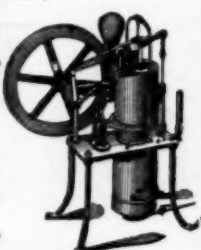
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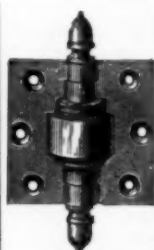
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YOUNG, WM., \$10.00
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B. J. Bennett, two-st'y addition, Nilson St. and East Evanston Ave.; cost, \$5,000.
B. Van Buren, three-st'y addition, 81-83 California Ave.; cost, \$5,000.
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L. Wolf Manufacturing Co., three-st'y addition, offices, etc., 91 Dearborn St.; cost, \$75,000.
Baptist Church, repairs, etc., damages by fire, Michigan Ave. and Twenty-third St.; cost, \$5,000.
Detroit, Mich. — G. W. Lloyd, addition to storehouse, 524 Jefferson Ave.; cost, \$5,000.
New York, N. Y. — Eighty-ninth St., s. s., 113' w Madison Ave., seven-st'y extension to the Graham apartment hotel; cost, \$35,000; owner, Thos. Graham.
Eighty Ave., e. s., 25' s One Hundred and Thirty-seventh St., five-st'y brick tenement, internal alterations; cost, \$8,000; owner, Ferdinand Fish, 149 Broadway; architect, Julius Munkowitz, 247 West One Hundred and Twenty-fifth St.
Eighty Ave., Nos. 2544-46, 2 five-st'y brick tenements, new show-window and internal improvements; cost, \$6,200; owners, Stuyvesant Insurance Co.; architect, D. F. Gibb, 305 Sixth Ave.
Seventy-second St., s. w. cor. Avenue B, three-st'y brick tenement to be raised to five stories, with internal alterations; cost, \$5,000; owner, Adolph Klemt, 538 Fulton St., Brooklyn, N. Y.; architect, Franklin Baylies, 51 and 52 Bible House.
West Thirty-ninth St., No. 526, five-st'y brick tenement, extensive alterations; cost, \$5,000; owner, Daniel Bridenbarg, s. e. cor. Canal and Sullivan Sts.; architect, Fred Ebeling, 3 First Ave.
Jefferson St., No. 16, three-st'y brick tenement, extension and internal alterations; cost, \$6,000; owner, Henry Flachel, 55 Norfolk St.; architect, Charles H. Israel, 90 Nassau St.
East Twenty-fifth St., No. 53, four-st'y brick dwell., internal improvements; cost, \$5,000; owner, G. T. Wells, New Brunswick; architect, G. E. Harney, 71 Broadway.
Philadelphia, Pa. — Green Lane, w Ridge Ave., alterations; owner, W. Goodfellow.
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South Twenty-first St., No. 116, addition; contractors, Samuel McClellan & Son.
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East Dauphin St., No. 2135, addition; contractor, Robert Beatty.
North Eleventh St., No. 606, addition; contractor, J. R. Roff.
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Tenth St., s. w. cor. Oxford St., addition; owners, Louis Walter & Son.
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Coral St., e. s., n Huntington St., addition; contractor, Frank Dietrich.
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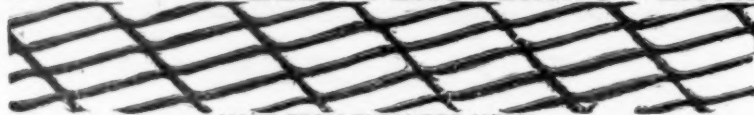
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Minot St., near Neponset Ave., Ward 24, three-st'y frame dwell., hip roof, 40' x 61'; owner, J. J. Williams; builder, M. J. Levins.

Quincy St., near Blue Hill Ave., Ward 21, three-st'y frame dwell., pitch roof, 23.6' x 51'; owner, J. A. Kimball; builder, H. H. Fernald.

Geneva Ave., near Columbus St., Ward 24, frame dwell., 27' x 41.4'; owner, Patrick Welch; builders, Cassidy & Davis.

Bradley Ave., near School St., Ward 24, frame dwell., 30' x 32'; owner, J. P. B. Carleton; builder, D. J. Squires.

North Beacon St., No. 295, rear, Ward 25, frame dwell., 25' x 30'; owner, Mrs. J. Shaughnessy; builder, J. McCormick.

Woodside Park, near Burroughs St., Ward 23, frame dwell., 30' x 38'; owner, Charlotte L. Burge; builder, J. C. Betts.

Warren Ave., cor. Coolidge Ave., Ward 24, frame dwell., 36' x 47'; owner, G. F. Pinkham; builder, B. T. Emery.

Oak Grove Terrace, off Lauriat Ave., Ward 24, three frame dwell., 22' x 29'; owner, J. M. Herman; builder, J. F. Campbell.

Cluster St., near Centre St., Ward 23, three-st'y frame dwell., pitch roof, 25' x 41'; owners, A. Christiansen and A. Billingham; builder, Lawrence Cantwell.

Home Ave., near North Harvard St., Ward 25, frame dwell., 24' x 36'; owner and builder, N. B. Hurd.

Neponset St., near Harbor View St., Ward 24, frame dwell., 23' x 47.6'; owner, A. Young; builder, E. P. Oakman.

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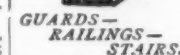
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Everett St. Ct., near Everett St., Ward 4, three-st'y frame dwell., flat roof, 20' x 40'; owner, Peter Hayes; builder, J. Buchanan.

Heath St., near Lawn St., Ward 22, three-st'y frame dwell., flat roof, 24' x 40'; owner, W. Jacobs; builders, R. D. Ward & Co.

Commonwealth Ave., cor. Charles Gate East, Ward 22, four-st'y brick dwell., flat roof, 41' x 55'; owner, W. Minot, Jr.; builders, Woodbury & Leighton.

Brooklyn, N. Y.—*Knickerbocker Ave.*, w. s. 20' n Moffat St., 6 two-st'y frame dwell., gravel roofs; cost, \$10,000; owner, I. Pettit, 1017 Putnam Ave.

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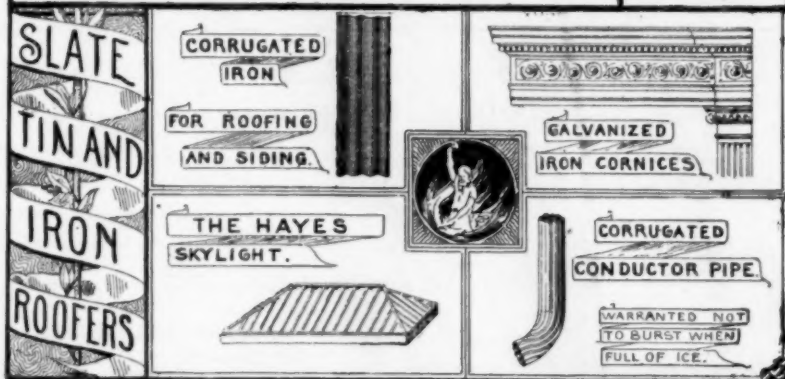


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George A. Seaverns, six cottages, 1367-1378 James St.; cost, \$4,800.
Potter Palmer, 9 three-st'y dwells., 413-429 East Huron St.; cost, \$54,000.
Dr. E. Miller, two-st'y dwell., Indiana Ave. and One Hundred and Fifteenth Sts.; cost, \$5,000.
H. M. Hobart, two-st'y dwell. and barn, 301-309 Hampden Court; cost, \$15,000.
J. E. Norton, three-st'y dwell., 5137 Michigan Ave.; cost, \$9,000.

Detroit, Mich. — A. C. Varney, brick dwell., 127 High St.; cost, \$10,000; double brick dwell., 151-153 Alexandrine Ave.; cost, \$9,000; frame dwell., 343 National Ave.; cost, \$3,000.
Henry Ivo & Co., three brick dwell. and stores, 992 Gratiot Ave., and 618 Elmwood Ave.; cost, \$12,000.
Speer & Rohus, stone house, 999 Jefferson Ave.; cost, \$20,000.
J. Gutow, brick dwell., 133 Macomb St.; cost, \$4,300; frame dwell., 173 Theodore St.; cost, \$4,000.
Donaldson & Meier, brick dwell., 81 West Forest Ave.; cost, \$6,000.
Malcomson & Higginbotham, brick dwell., 370 Trumbull Ave.; cost, \$3,000.
F. C. Teal, frame dwell., 102 Boulevard; cost, \$3,000.
J. Topping, double brick dwell., 131-133 Lincoln Ave.; cost, \$10,000.
W. N. Dixon, 3 two-st'y frame dwell. and stores, 861-865-869 Chene St.; cost, \$4,000.
T. M. Cattel, three brick dwell., 270, etc., Lysander St.; cost, \$5,500.
A. Chaptoun, brick dwell., 23 Sibley St.; cost, \$4,800.
W. Trick, six frame dwell., 1518, etc., Twenty-seventh St.; cost, \$11,000.
Speer & Rohus, brick dwell., 79 Frederick St.; cost, \$7,000.

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W. H. Hollands & Sons, brick dwell., 97 Commonwealth Ave.; cost, \$12,000.
W. H. Beamer, frame dwell., 81 Piquette Ave.; cost, \$3,500.
Graham & Meier, frame dwell., 647 National Ave.; cost, \$3,000.

Jamaica Plain, Mass. — Robeson St., frame dwell., 28' x 50'; owner, W. H. Rideing; architects, Loring & Phipps, Boston.

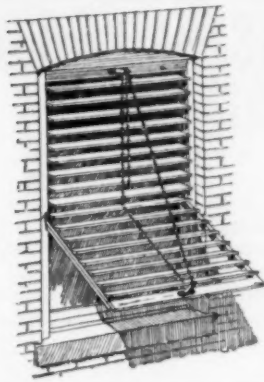
Minneapolis, Minn. — F. W. Bonns, frame dwell., 1725 University Ave., s e; cost, \$7,000.

Philadelphia, Pa. — Moore St., s s, e Nineteenth St., 11 two-st'y dwells.; contractor, John Gallagher.
Queen St., n s, w Morris St., two-st'y dwell.; owner, Benj. Walker.
Newkirk St., n s, w York St., 21 two-st'y dwells.; contractor, C. A. Warfield.
Rose Glen Ave., w Sixty-fourth St., three-st'y dwell.; owner, F. Harkin.
Twenty-seventh St., w s, s Hartwell St., 2 three-st'y dwells.; contractor, Peter Langdon.
Lydia St., s s, above Twenty-fourth St., two-st'y dwell.; contractor, Peter Langdon.
South Thirtieth St., No. 1117, two-st'y dwell.; contractor, Thos. Moon.
Cumberland St., e Almond St., three-st'y dwell.; contractor, W. R. Brown.
Rose St., n s, e Almond St., two-st'y dwell.; contractor, W. R. Brown.
Germantown Ave., w s, n Roberts Ave., 16 three-st'y dwells.; contractor, Lloyd Bailey.
Green St., No. 1904, three-st'y dwell.; contractor, Benj. Leeds.
Master St., s s, w Ridge Ave., 6 three-st'y dwells.; contractor, John G. Ruff.
Twenty-second St., n e cor. Housman St., two-st'y dwell.; owner, Thos. Hutchinson.
Athol St., e and w s, and G St., n Allegheny Ave., 105 two-st'y dwells.; contractor, F. H. Rhodes.
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dwell.; owners and builders, James H. Stevenson & Son.
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Williams St., s s, w Thompson St., 10 two-st'y dwells.; contractor, A. Benner.
Mather and Ontario Sts., two-st'y dwell. and store; contractors, Graham & Jefferies.
Knox and Manheim Sts., two-st'y dwell.; contractor, Wm. Mackey.
Marston and Jefferson Sts., dwell., store and stable; owner, C. D. Hill.
Newkirk St., w s, n York St., 21 two-st'y dwells.; contractor, Chas. A. Warfield.
Roxborough St., w Ridge Ave., three-st'y dwell.; owner, John B. Muir.
Twenty-seventh St., w s, n Highland Ave., three-st'y dwell.; contractor, W. F. Kelly.
Twenty-seventh St., w s, n Highland Ave., 3 two-st'y dwells.; contractor, W. F. Kelly.
Baring St., w Thirty-eighth St., 3 three-st'y dwells.; contractor, E. E. Baldwin.
Edgemont St., n Cumberland St., 3 two-st'y dwells.; contractor, F. Byrna.
Ninth St., e s, n Indiana Ave., two-st'y dwell.; owner, Frank Hubmaster.
Ninth St., e s, n Indiana Ave., two-st'y dwell.; owner, H. Donahue.
Prospect St., s s, w Ridge Ave., 2 two-st'y dwells.; owner, C. Vogt.

Somerville, Mass. — Adrian St., cor. Cook St., frame dwell., 22' x 46'; furnace; owner, Homer C. Holt; builder, D. C. Smith.
Tremont St., cor. Webster St., three-st'y frame dwell., flat roof, 26' x 30'; owner, James Fitzpatrick; builder, John McGirr.
Thorndike St., frame dwell., 24' x 50'; owner, Z. E. Cliff; builder, E. B. Warren.
Lake St., frame dwell., 22.6' x 30'; owner, Geo. W. Lake; builder, G. W. Ryan.
Summer St., cor. Green St., double frame dwell., 44' x 44'; furnace or steam; owner, Mr. Graham; builder, A. M. Godfrey.
Albion St., frame dwell., 34' x 28'; furnace; owner and builder, A. M. Godfrey.
Jenny Lind Ave., frame dwell., 22' x 27'; furnace; owner and builder, W. H. Savary.
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Newton St., frame dwell., 23' x 35'; owner, Thos. Rafferty; builder, J. L. Simons.
Porter St., near Elm St., four frame dwells., each 19' x 27'; furnaces; owners and builders, Gould & Murray.
Merriam St., frame dwell., 29' x 32'; owner, Jas. Riley; builder, Sylvester Woods.
Bellingham St., frame dwell., 22' x 23'; owner, Ezra Robinson; builder, John Stackpole.
Warwick St., near Cedar St., frame dwell.; owner, Thos. A. Bent; builder, Johnson Parker.
A new st., off Porter St., frame dwell., 22' x 28'; furnace; owner and builder, W. L. Glidden.
Broadway, near Central St., frame dwell., 28' x 40'; furnace; owner, Thomas White; builders, W. L. & J. A. Dodge.
Glen St., frame dwell., 22' x 35'; owner, N. H. Reed; builders, Hudson & Lewis.
Montrose St., frame dwell., 22' x 38'; furnace; owner, N. H. Reed; builders, Hudson & Lewis.
Moore St., cor. Holland St., frame dwell., 16' x 35'; owner and builder, Wm. R. Marshall.
Kidder Ave., near Elm St., frame dwell., 22' x 28'; furnace; owner, Sophia H. Hill; builder, W. E. Locke.
Central St., near Somerville Ave., frame dwell., 25.6' x 35.8'; owner, Josephine Cox; builder, Geo. E. Kicker.
Broadway, near corner of Holland St., frame dwell., 22' x 45'; hot-water heating; owner, Mrs. N. M. Parker; builder, Frank W. Bickford.
Adrian St., near Marion St., two frame dwells., 20' x 34'; owner and builder, James W. Connor.
Putnam St., frame dwell., 30' x 42'; owner, H. K. Woodman; builder, T. F. Farrington.
Dane St., near Skehan St., three-sty' frame dwell., flat roof, 22' x 40'; owner, Patrick McNamara; builder, John McGin.
Cornwall Ave., frame dwell., 20' x 27'; furnace-heat; owner and builder, Geo. H. Johnson.
Knowlton St., frame dwell., 22' x 30'; furnace-heat; owners and builders, S. & C. H. Williams.
Ellet St., near Park St., frame dwell., 23' x 39'; furnace-heat; owner, Mr. McGraw; builders, Parker & Robbins.
Jenny Lind Ave., No. 38, frame dwell., 21' x 32'; owner, Frederick K. Collins; builders, Tuttle Bros.
Bradley St., near Pearl St., frame dwell., 24' x 35'; furnace-heat; owner, Mr. Bacon; builder, C. K. Banks.
Trull St., frame dwell., 22' x 28'; owner and builder, Charles Parker.
Albion St., near No. 134, two frame dwells., each 18' x 25'; owner and builder, Melvin O. Rice.
Beacon St., Nos. 56-58, two frame dwells., 24' x 41'; owner, James Delay; builder, V. M. Cutler.

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Brooklyn, N. Y. — Ryerson St., No. 221, e s, 358' n De Kalb Ave., three-sty' brick school-house, tin roof; cost, \$30,000; owners, Trustees of Pratt Institute, Pratt Institute, Brooklyn; architect, Wm. B. Tubby, 83 Fulton St., New York City.
Chicago, Ill. — Board of Education City of Chicago, three-sty' school-house, Davis & Potomac Sts.; cost, \$80,000.
Detroit, Mich. — Graham & Meier, brick school-house, Canfield Ave.; cost, \$7,000.
Frostburg, Md. — The Catholics will build two-sty' school-house to cost \$15,000; architect and builder, John Stack, Baltimore.
New York, N. Y. — Sixtieth St., s s, 311' w Ninth Ave., five-sty' brick school-house, concrete and brick roof; cost, \$50,000; owner, Paulist Fathers, cor. Sixtieth St. and Ninth Ave.; architect, Henry Palmer, 9 Dey St.
Sullivan St., Nos. 210-221, four-sty' boys' school and lodging-house for the Children's Aid Society; and East Twelfth St., Nos. 307-309, four-sty' girls' lodging-house for the same society; architects, Vaux & Radford.
Jerome Ave., n e cor. St. James St., two-sty' brick school, peaked, slate roof; cost, \$16,000; owner, St. James Episcopal Church; architect, Henry F. Kilburne, 229 Broadway.
Quincy, Mass. — Brick and stone school-house, 44' x 130'; contract to be let; architects, Loring & Phipps, Boston.

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Washington Ave., w s, 324' s One Hundred and Seventy-fifth St., two-sty' brick stable, tin roof; cost, \$5,000; owner, Sarah J. Wyckhoof, 1773 Washington Ave.; architect, Theo. E. Thomson, 247 West One Hundred and Twenty-fifth St.

Thirty-fifth St., s e cor. First Ave., two-sty' brick stable, tin roof; cost, \$5,000; owner, Wm. L. Skidmore, 800 Madison Ave.; architect, E. E. Gandolfo, 31 Union St.

One Hundred and Forty-seventh St., w s, 325' n St. Nicholas Ave., two-sty' brick stable, tin roof; cost, \$4,000; owner, Ellis B. Southworth, 158 West One Hundred and Nineteenth St.; architect, Paul F. Higgs, 835 Broadway.

Worcester, Mass. — Orleans St., one-sty' stable; owner, H. R. Kinney; contractor, W. B. Richardson; architect, A. F. Cutting.
Caterberry St., one-sty' stable; owner, Rev. W. T. Sleeper; contractor, C. I. Warren.

STORES.

Boston, Mass. — Boylston Ave., near Boylston St., Ward 23, one-sty' frame store, flat roof, 28' x 40'; owner, Wm. Parlow; builder, J. J. Flynn.

Brooklyn, N. Y. — Eastern Parkway, s s, 50' e Osborn St., three-sty' frame store and dwell., tin roof; cost, \$4,500; owners, S. Frank and S. Rose, Belmont Ave.
Watkins St., w s, 125' s Eastern Parkway, three-sty' frame store and dwell., tin roof; cost, \$3,500; owner, Ada Parnes, 1192 Broadway.

Van Cott Ave., s w cor. Russell St., 2 four-sty' frame stores and dwells, gravel roof; cost, \$12,000; owners, Manheim & Aelmken, 130 Manhattan Ave.; architect, G. H. Madigan, 68 Nassau Ave.

Atlantic Ave., n s, 120' w New York Ave., 2 five-sty' brick stores and dwells, gravel roof; cost, \$25,000; owners, L. R. & St. John Wood, 75 New York Ave.; architect, R. Van Brunt, 1287 Atlantic Ave.

Union St., n s, 69' w Fifth Ave., four-sty' brick store and lodge rooms, tin roof; cost, \$13,500; owner, John D. Mulier, Fifth Ave. and Union St.

Christopher St., e s, 209' n Belmont Ave., three-sty' frame store and dwell., tin roof; cost, \$3,600; owners, Berger & Messel, 76 Eldridge St., New York City.

Bedford Ave., No. 136, bet. North Ninth and North Tenth Sts., four-sty' frame store and tenement, tin roof; cost, \$5,000; owner, W. A. Myers, Bushwick Ave. near Cooper Ave.; architect, F. W. Ames, 1591 Broadway.

Rockaway Ave., e s, 225' n Belmont Ave., three-sty' frame store and dwell., tin roof; cost, \$4,200; owner, Mina Steinfeld, Rockaway Ave.

Third Ave., e s, 80' s Fifty-third St., three-sty' brick store and dwell., tin roof; cost, \$4,000; owner, Adam Weise, 192 Degraw St.; architects, H. L. Spicer & Son, Fifty-third St. and Third Ave.

Chicago, Ill. — Lenamack Bros., four-sty' store and flats, 3127 Cottage Grove Ave.; cost, \$8,000.

Henry Stearn, five-sty' store and flats, 151 West Madison St.; cost, \$25,000.

Kelly & Brown, 2 three-sty' stores and flats, 1299-1301 Madison St.; cost, \$15,000.

F. Swartwout, 2 three-sty' stores and flats, Sixty-ninth and South Normal Park Ave.; cost, \$10,000.

Mrs. M. McFadden, four-sty' store and flats, 1472 Indiana Ave.; cost, \$10,000.

A. A. E. Hellerann, two-sty' store and flats, 44 Lexington Ave.; cost, \$4,000.

James F. Borden, four-sty' store and flats, 340-342 West Harrison St.; cost, \$12,000.

H. Sloan, three-sty' store and flats, 423 West Taylor St.; cost, \$4,000.

Albert Polgin, four-sty' store and flats, 3702 State St.; cost, \$10,000.

John Bohn, three-sty' store and flats, Twenty-first and Peoria Sts.; cost, \$4,000.

T. G. Vickery, six-sty' store and flats, 1206 Wabash Ave.; cost, \$30,000.

Detroit, Mich. — Graham & Meier, four-sty' brick store and hall, Monroe Ave.; cost, \$28,000.

S. Nowkowiak, double brick store and dwell., 363-365 Canfield Ave.; cost, \$4,000.

New York, N. Y. — Fourteenth St., n w cor. Ninth Ave., three-sty' brick store, gravel roof; cost, \$7,000; owner, Charles H. Southard, cor. Fourteenth St. and Ninth Ave.; architects, Berg & Clark, 10 West Twenty-third St.

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FRED ADEE & CO., 90 Beekman Street, NEW YORK.

BUILDING INTELLIGENCE.

store, tin roof; cost, \$15,000; owner, Benj. Ogden Chisolm, 436 Madison Ave.; architect, Renwick, Aspinwall & Russell, 71 Broadway.

Sixty-seventh St., s. s., 109' e. Columbus Ave., six-sty brick store, tin roof; cost, \$50,000; owner, Edward Kilpatrick, 1234 Madison Ave.; architect, G. A. Schellinger, 128 Broadway.

Third St., Nos. 89-91, five-sty brick store building, tin roof; cost, \$40,000; owner, I. K. Palmenberg's Sons, 466 Broome St.; architect, Bruno W. Berger, 80 Bible House.

Murray St., Nos. 100-102, five-sty brick store building, tin roof; cost, \$30,000; owner, Serena Rhinelander, 54 William St.; architect, Renwick, Aspinwall & Russell, 71 Broadway.

West Fourteenth St., Nos. 404-412, three-sty brick store building, tin roof; cost, \$25,000; owners, R. & O. Goellet, 591-608 Fifth Ave.; architects, M. Reid & Co., 69 Ninth Ave.

East Sixteenth St., No. 106, six-sty brick store, mansard tin and slate roof; cost, \$70,000; owner, G. Schirmer, Seventy-second St. and Eighth Ave.; architect, Wm. Kuhles, 111 Broadway.

Franklin St., Nos. 181-183, six-sty brick store, tin roof; cost, \$30,000; owner, Henry Helde, 72 Perry St.; architect, Hugo Kaika, 137 Broadway.

East One Hundred and Twenty-fifth St., No. 26, three-sty brick store, tin roof; cost, \$35,000; owner, J. Lewkowitz, 243 East Broadway; architect, Richard Berger, 110 Leonard St.

St. Louis, Mo. — Two-sty brick store and dwell.; cost, \$2,500; owner, F. Zarmueller; contractor, Hemminghaus & Vollmer.

Six adj. two-sty brick stores and dwells.; cost, \$15,000; owners, Meyer & Bauman; contractor, G. J. Dorr.

TENEMENT-HOUSES.

Boston, Mass. — Fulda St., near Highland St., Ward 21, three-sty frame tenement, flat roof, 29' x 37'; owner, Joseph Torndoff; builder, W. McDonald.

Smith St., cor. Whitney St., Ward 22, three-sty brick tenement, flat roof, 23' x 35'; owner, Catherine F. O'Driscoll; builder, J. J. O'Driscoll.

New York, N. Y. — Attorney St., Nos. 130-138, 4 five-sty brick tenements, tin roofs; cost, \$48,000; owner, Estate Gertrude L. Loundes, Irvington, N. Y. architect, John B. Snook, 12 Chandler St.

One Hundred and Forty-ninth St., s. s., 25' e. Brook Ave., 3 five-sty brick tenements, tin roofs; cost, \$33,000; owner, Samuel B. Ogden, 44 East Seventy-ninth St.; architects, A. B. Ogden & Son, 1031 Madison Ave.

Eighty-fifth St., n. s., 250' e. Third Ave., five-sty brick tenement, tin roof; cost, \$14,000; owner, Edward McGinnis, 220 East Eighty-fifth St.; architects, Thom & Wilson, 1267 Broadway.

One Hundred and Thirty-eighth St., s. s., 100' e. Lenox Ave., five-sty brick tenement, tin roof; cost, \$14,000; owner, Patrick Farley, 1990 Madison Ave.; architects, Thom & Wilson, 1267 Broadway.

WAREHOUSES.

Chicago, Ill. — Wright & Lather, two one-sty warehouses, Mather & Desplaines Sts.; cost, \$3,500. Nels. J. Sandberg, three-sty warehouse, 9 Moore St.; cost, \$4,000.

Fred Expert, four-sty warehouse, 229-231 East Kinzie St.; cost, \$15,000.

J. E. Otis, two-sty warehouse, 141 Twentieth St.; cost, \$3,000.

Detroit, Mich. — G. W. Lloyd, eight-sty brick warehouse, 108-14 Monroe Ave.; cost, \$70,000.

MISCELLANEOUS.

Boston, Mass. — Scotia St., No. 63, Ward 11, one-sty brick mechanical building, flat roof, 28' x 70'; owner, H. L. Cullen; builder, A. S. Drisko.

Brooklyn, N. Y. — Bedford Ave., w. s., 136' 10" s. Myrtle Ave., two-sty brick truck house, tin roof; cost, \$11,000; owner, City of Brooklyn; architect, Engineer Department of City Works, Municipal Building, Room 33.

Kent Ave., s. w. cor. South Eleventh St., seven-sty brick molasses refinery, gravel roof; cost, \$40,000; owner, John Mollenhauer.

Court St., n. e. cor. Livingston St., three-sty brick bath, tin roof; cost, \$25,000; owner, Wm. A. White, President Polytechnic Institute, 158 Columbia Heights, Brooklyn; architect, Wm. B. Tubby, 81 Fulton St., New York City.

Chicago, Ill. — William McGregor & Co., one-sty boiler-shop, Carroll Ave. and Francisco St.; cost, \$4,000.

Our builders are somewhat embarrassed by labor troubles in the structural iron-work, and the threatened extension by sympathy to other branches. It is to be hoped, for the benefit of all interested, that it will not prove general.

Adam Hoaschom, one-sty hall, 384 West Division St.; cost, \$3,000.

Concord, N. H. — Two-sty brick and stone building for Home for Aged; architect, A. P. Cutting, Worcester, Mass.; no contracts let.

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BUILDING INTELLIGENCE.

Detroit, Mich. — Leake & Golden, two-sty brick storehouse and barn, 140-148 Campau Ave.; cost, \$10,500.

Fort St. Union Depot Co., three-sty depot, Fort & Third Sts.; cost, \$200,000.

Spieler & Rohus, two-sty brick bottling works, 278-80 Columbia St.; cost, \$6,000.

Minneapolis, Minn. — Farmers and Mechanics' Savings Bank, two-sty brick, stone and iron bank building, 117 South Fourth St.; cost, \$15,000.

Minneapolis Brewing and Malting Co., six-sty brick fireproof brewery, cor. Marshall St. and Thirtieth Ave., n. e.; cost, \$500,000.

New York, N. Y. — One Hundred and Thirty-first St., n. s., 200' w. Boulevard, eight-sty steel storage tank; cost, \$207,450; owner, Standard Gas Light Co., 2 Courtlandt St.; builders, H. D. Wood & Co., Phila., Pa.

West Thirty-fourth St., No. 266, one-sty brick bank building, mansard tin and tile roof; cost, \$48,000; owner, N. R. Savings Bank; architect, Wm. H. Hume, 13 Union Square.

Roanoke, Va. — The Roanoke Building and Investment Co. contemplate building a building to cost abt. \$35,000; architects, Brothers de Saussure & Waters.

Woonsocket, R. I. — Four-sty brick and stone business building; contractors, Cutting & Bishop, Worcester, Mass.; architect, A. P. Cutting, Worcester, Mass.

Worcester, Mass. — Tannock, two-sty frame slaughter house; owner, H. R. King; day work.

Main St., six-sty brick and stone bank building; owners, Worcester Five Cent Savings Bank; contractors, Eddy & Mellen; architect, Stephen C. Earle.

PROPOSALS.

IRON-WORK.

[At Boston, Mass.]

OFFICE OF BRIGHAM & SPOFFORD, ARCHITECTS, 27 Mt. Vernon St., BOSTON, MASS., July 9, 1891.

Sealed proposals will be received at this office until 12.30 P. M., July 27, 1891, for materials and labor required in the construction of the iron roof of Representatives' Chamber, Massachusetts State-House Extension, in accordance with plans and specifications, copies of which and any additional information relating thereto may be had on application to the architects on and after July 10, 1891.

The Commissioners reserve the right to reject any and all bids, and bids received after the time named will not be considered.

All bids to be plainly marked "Bids for Iron-work for Roof of Representatives' Chamber, Massachusetts State-House Extension, Boston, Mass."

JOHN D. LONG, BENJ. D. WHITCOMB, WM. ENDICOTT, JR., State-House Construction Commission.

613

July 3, 1891. 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 28th day of July, 1891, for all the labor and materials required for the iron stairs, iron-work, etc., of

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PROPOSALS.

elevator-shaft for the United States Court-house, Post-office, etc., building at Denver, Colo., in accordance with drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Denver, Colo. 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 Iron Stairs, etc., for the United States Court-house, Post-office, etc., building at Denver, Colo.," and addressed to W. J. EDBROOKE, Supervising Architect.

July 7, 1891. 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 July, 1891, for furnishing all the labor and materials required for the erection and completion of a stable, autopsy-room and pipe-tunnel at the United States Marine-Hospital Building at Chelsea, Mass., in accordance with drawings and specification, copies of which may be had at this office or the office of the Superintendent at Chelsea, Mass. 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 Erection and Completion of a Stable, Autopsy-room and Pipe-tunnel at the United States Marine-Hospital Building at Chelsea, Mass.," and addressed to W. J. EDBROOKE, Supervising Architect.

July 3, 1891. 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 30th day of July, 1891, for all the labor and materials to fix in place complete the low-pressure, steam-heating and mechanical ventilating apparatus, etc., and the concrete floor of basement, for the United States Court-house and Post-office building at Louisville, Ky., 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 Louisville, Ky. 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 Low-pressure, Steam-heating and Mechanical Ventilating Apparatus, etc., and the Concrete Floor of Basement, for the United States Court-house and Post-office building at Louisville, Ky.," and addressed to W. J. EDBROOKE, Supervising Architect.

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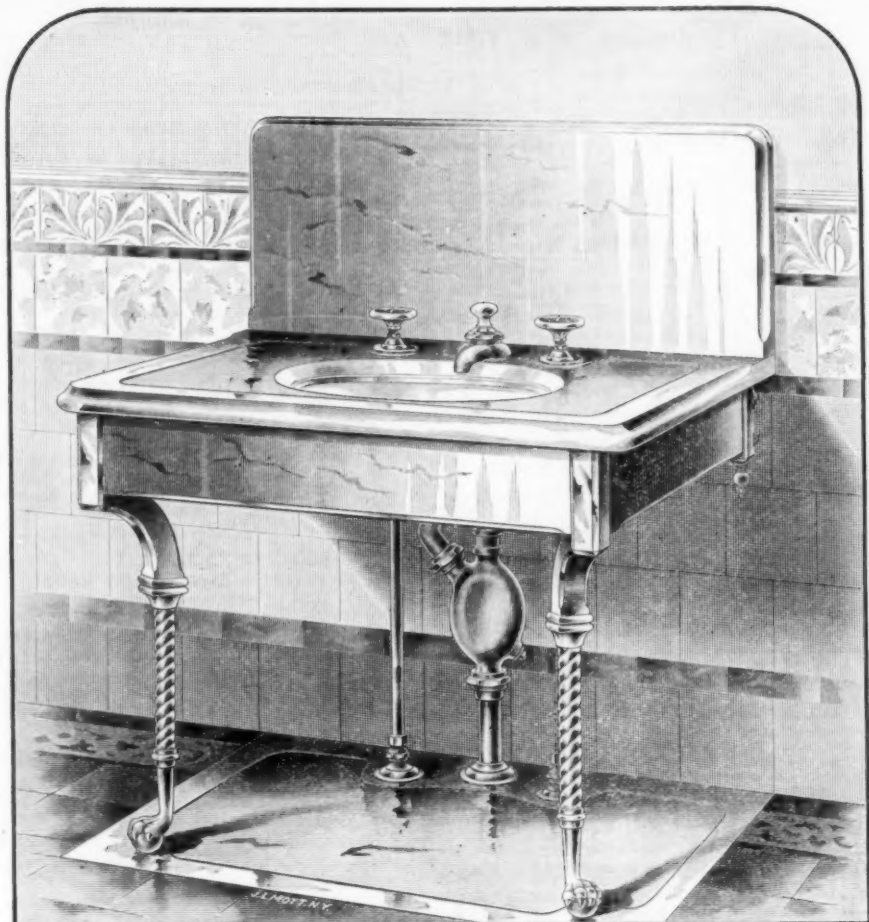


PLATE 933-G.

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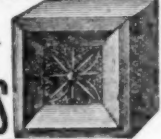
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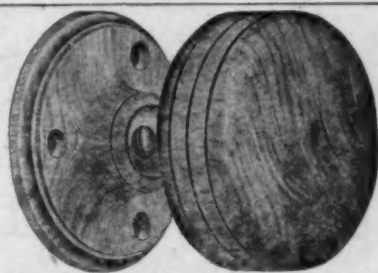
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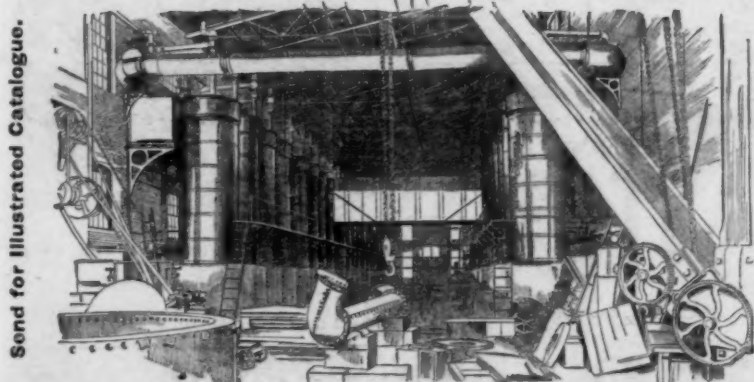
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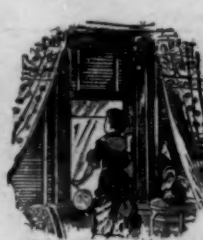
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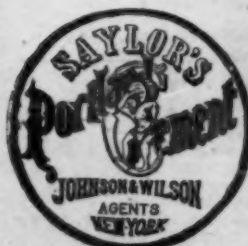
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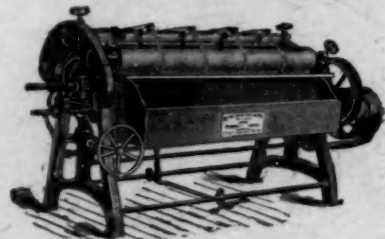
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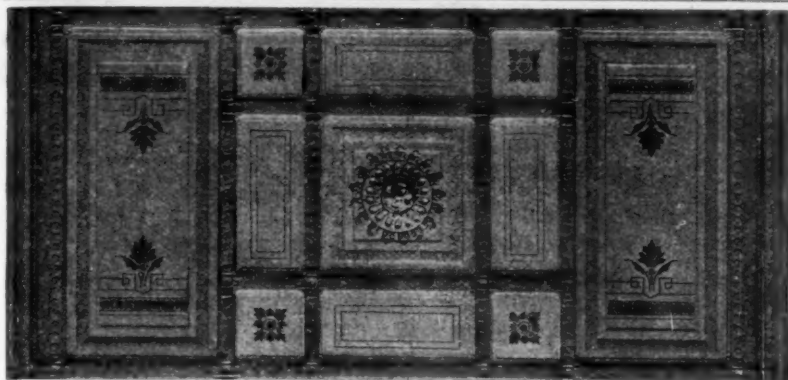
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Plaster of Paris (calcined).	1 20 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	
" (casting).	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	
Hair (Cattle) P bush.	16 @ 18	25 @ 30	20 @ 25	
" (Goat).	20 @ 22	@ 30	30 @ 35	
Sand, P load.	1 00 @ 1 25	1 75 @ 1 90	@ 60	
STONE. (P cubic foot, rough.)				
Granite: (Maine)		@ 60		
Limestone:				
Bedford.	45 @ 1 25	95 @ 1 00	50 @	75 @ 90
Joliet.	@ 1 00		35 @ 55	Richmond
Lemont.	@		35 @ 60	75 @ 1 50
Serpentine.	@	10 50 per ton	@ 1 00	P Perch @ 4 50

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BUILDING MATERIALS.	New York.	Boston.	Chicago.	Philadelphia.
	(Wholesale Prices.)		(Prices to Builders and Contractors.)	
Mortar Colors.				
Black, brown, buff P lb.	21	21	21	21
Colorful P lb.	21	21	21	21
Red P lb.	3	3	3	3
White P bbl.	1 75	1 75	1 75	1 75
Foundation:				
Dimension.	5 00	5 00	5 00	5 00
Block.	4 60	4 60	4 60	4 60
Rubble.	1 25	1 25	1 25	1 25
Bluestone: P sq. ft.				
Sidewalk.	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 25
Planed.	50 @ 6 00	75 @ 1 00	50 @ 1 00	37 @ 50
Sandstone:				
Longmeadow.	80	80 @ 90	80	95 @ 1 16
Kibbe.	90	90 @ 1 10	90	1 05 @ 1 35
Brown (Connecticut).	1 00 @ 95	1 25 @ 1 45	1 50 @ 1 00	55 @ 1 00
Amherst.	90 @ 95	90 @ 1 00	45 @ 50	
Berea.	75 @ 1 00	85 @ 90	55 @ 65	
Berlin.	75 @ 1 00	80 @ 90	55 @ 65	
Bellefonte.	80 @ 1 25	1 25 @ 1 35	1 25	1 10 @ 1 00
New Brunswick (Dorchester).	1 00	75 @ 90	1 00	1 00 @ 1 00
Caen.	1 00	2 00	1 00	1 25 @ 1 00
Carlisle. English.	1 05	1 05	1 05	95 @ 1 00
Corse Hill (Scotch).	1 05	1 05	1 05	
Marble: (P cu. ft.)				
Lee, Mass.	1 75 @ 2 50	1 75 @ 2 50	Not Sold.	2 00 @ 2 50
Rutland, white and blue.	1 25 @ 1 75	1 25 @ 1 75	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls.		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.	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.			Not Sold.	2 25 @ 3 00
Slate: 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.	10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
"black, Lehigh.	4 25 @ 4 75		6 25 @ 6 85	3 25 @ 4 00
"Chapmans.			7 30 @ 8 00	4 00 @ 4 65
Unfading black, Monson, Me.	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am. P M.			Not Sold.	6 00 @ 25 00
N. Peach Bottom, warranted unfading.				6 00 @ 6 75
PAINTS. (In Oil P lb.)				
White lead, Am.	7 @ 7 1/2	7 1/2 @ 7 1/2	6 1/2 @ 7	6 @ 7 1/2
"sino.	5 @ 8 1/2	5 @ 8 1/2	7 @ 10 1/2	7 @ 7 1/2
Red lead, Am.	6 @ 7	7 1/2 @ 7 1/2	6 1/2 @ 7	6 @ 7 1/2
"Venetian.	6 @ 10 1/2	7 @ 12	1 1/2 @ 2 1/2	dry Eng. @ 7
"Vermillion.	65 @ 70	75 @ 80 dry	65 @ 68	Eng. @ 76
"Indian, Eng.	12 @ 20	12 @ 20	12 @ 20	6 1/2 @ 7
Yellow Ochre.	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1 1/2
"Chrome.	12 @ 20	18 @ 25	15 @ 25	18
Green (chrome).	8 @ 13	8 @ 20	8 @ 20	21
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).	55 @ 62	40 @ 41	57 @ 60	60 @ 60
"boiled.	58 @ 65	41 @ 44	51 @ 63	63
Turpentine.	38 1/2 @ 39	41 @ 42	51 @ 51	64
Varnish, coach.		1 50 @ 6 00	1 25 @ 2 00	125 @ 3 00
Shellac.		2 50 @ 3 00	2 25 @ 4 00	150 @ 3 00
Putty.	2 @	2 @ 4	2 @ 2 1/2	2 @ 2 1/2
Whiting.	75 @ 1 00	1 @ 1 1/2	1 @ 1 1/2	1 @ 1
Paris white, (Eng.).	1 30 @ 2 00	2 @ 3	1 1/2 @ 2	1 1/2 @ 2
Litharge, Am.	5 @ 6	6 @ 7 1/2	6 @ 7	6 @ 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	per keg @ 2 25
10d. common.	2 60	2 15	2 35	@ 2 30
Shingle.	3 35	2 25	2 75	@ 2 60
Lath.	4 85	3 45	3 65	3 60 @ 4 75
(Finishing nails according to size.)			Add .85 to \$1.15	per lb. 4 @ 6
(For casing nails add 75 c. per keg.)			50 to .30	2 90 (all kinds.)
Butts: 4" x 4" (P doz. pairs.)				
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
Bail Tip, Boston Finish. (P pair.)	65	50	Not Sold.	@ 1 25
Bronze metal.	1 90	plain 1 65	2 00 @ 3 25	@ 1 00
Brass (for cupboards.)	10	10	12	@ 35
Ebony.				37 @ 1 00
Apple wood.				
Knobs: (P set.)				
Mineral, best.	8	8	8 @ 10	@ 68
Lava.	50	75	65 @ 80	Not Sold.
Hemacite.	Not Sold.	17 @ 33	31 @ 40	25 @ 50
Porcelain.	30	10	25 @ 30	@ 25
Glass, solid.	Not Sold.	88 @ 1 00	Not Sold.	1 00 @ 2 50
Glass, silvered.	Not Sold.	50 @ 3 00	50 @ 3 00	1 75 @ 2 00
Bronze metal.	75 @ 2 00	50 @ 3 00	1 00 @ 3 00	50 @ 3 50
Brass.	1 00 @ 2 50	50 @ 3 00	13 @ 16	75 @ 1 25
Solder:				
Sheet Lead.		7 1/2	7	@ 6 1/2
Lead Pipe.		7	6 1/2	6 @ 6
Iron:				
I-Beams, up to and including 36 ft.	3 3-10 @ 3 1/2	@ 3 1-10	@	@ 2 8-10
I-Beams, over 36 ft. 1/2, 1/2 c. advance.	@	@	3 20 @ 3 70	@ 2 8-10
Channel-Beams.	3 3-10 @ 2 1/2	@ 3 1-10	3 20 @ 3 70	@ 2 8-10

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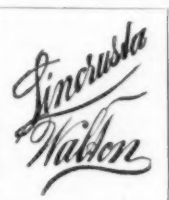
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" " " Eyes - - - - -	5000	3000	2000	1500	1200	1000	750		125
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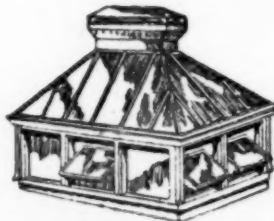
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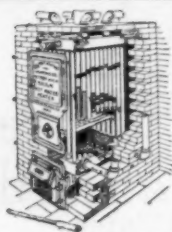


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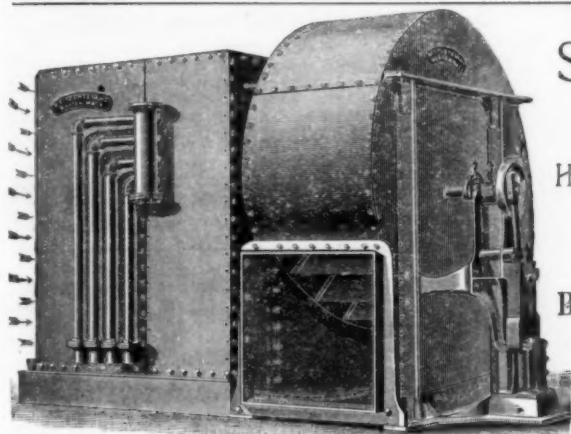
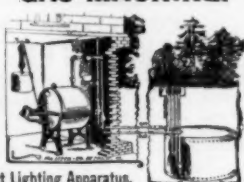
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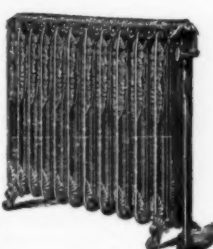
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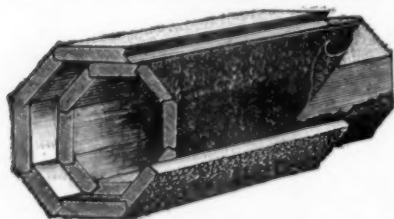
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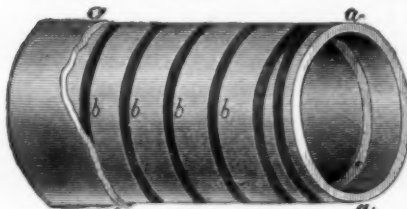
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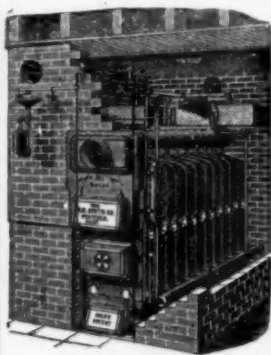


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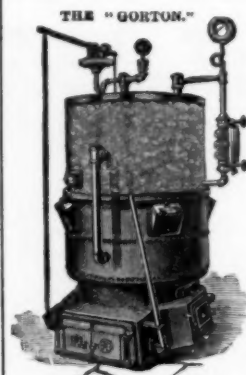
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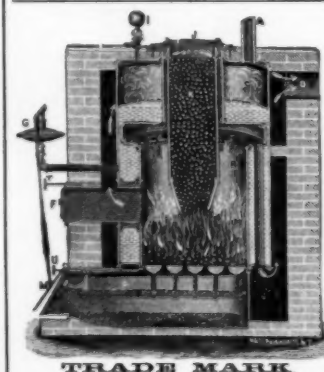
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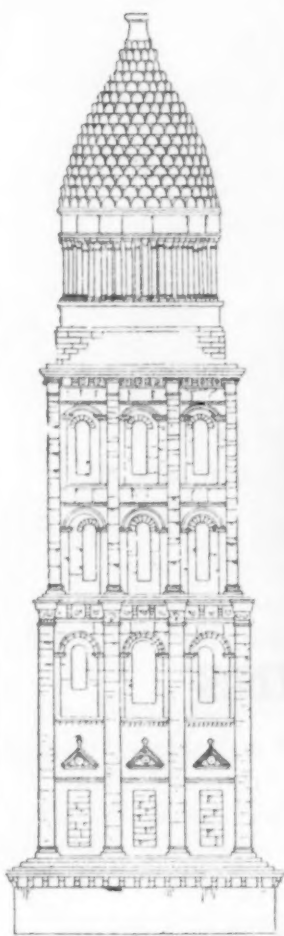
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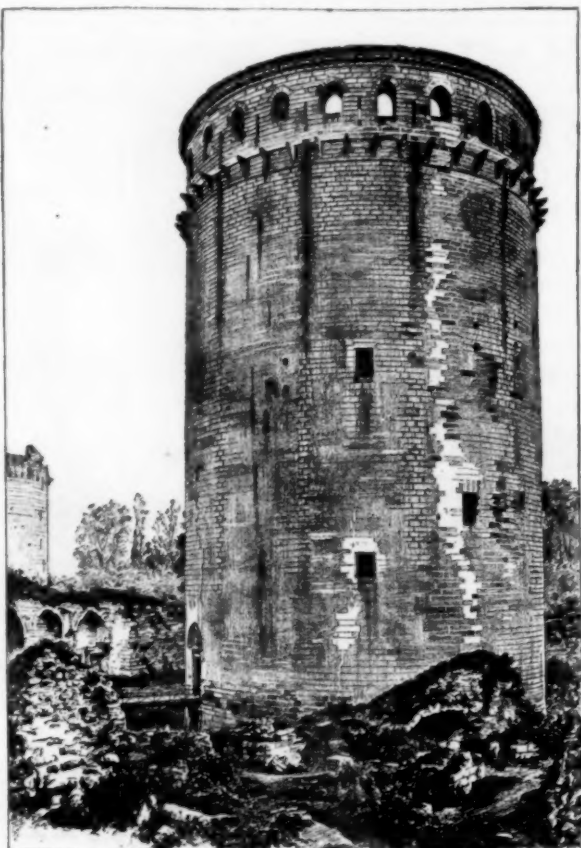


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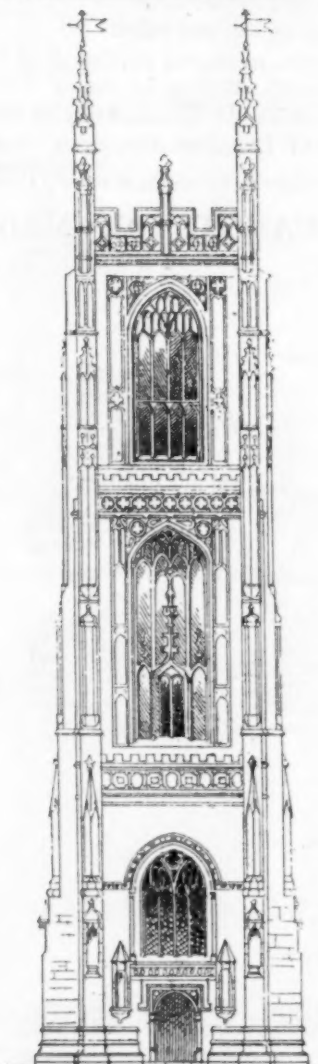
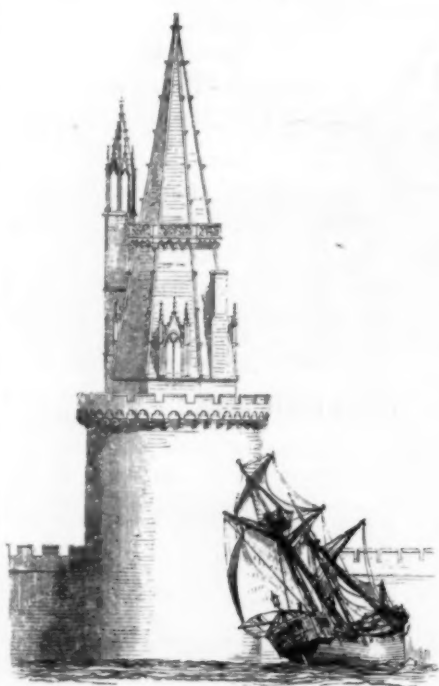
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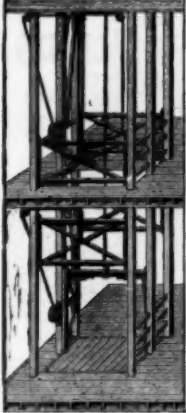
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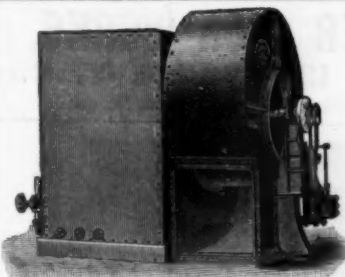
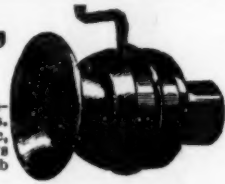


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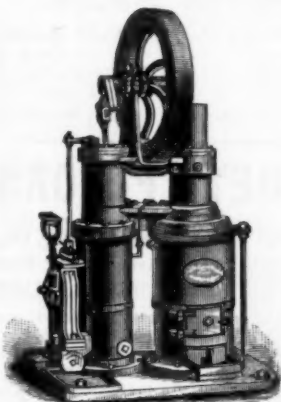
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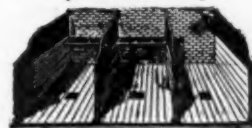
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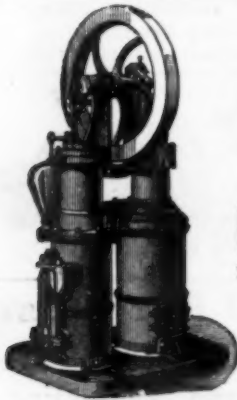
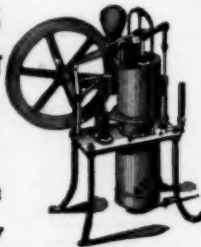
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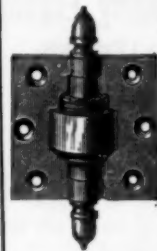
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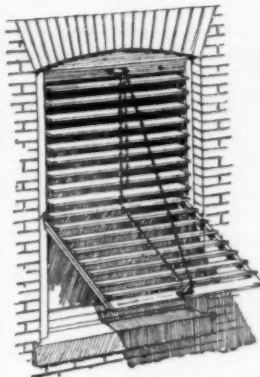
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BUILDING INTELLIGENCE.**BUILDING INTELLIGENCE.**

(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.

Baltimore, Md. — The Sisters of Mercy will build a four-story brick addition to City Hospital, Calvert St., n w cor. Saratoga St.

Boston, Mass. — School St., City Hall Ave. and Court Sq., alterations to stone building for offices, etc.; owner, City of Boston; builders, D. H. Jacobs & Son.

Essex St., No. 37, Ward 10, alterations to brick lodging-house; owner, W. F. Stahl; builders, M. S. & G. N. Miller.

Huntington Ave., cor. Dartmouth St., Ward 11, alterations to stone stores and offices; owner, S. S. Pierce estate; builders, Connery & Wentworth.

Washington St., No. 1133, cor. Dover St., Ward 16, alterations to brick building for stores and offices; owner, Charles E. Cotting, trustee; builder, Thomas Raynor.

Brimmer St., cor. Mt. Vernon St., Ward 9, addition of tower to Church of the Advent.

Federal St., No. 221, alterations to brick mechanical building; owners, Hecht Bros.; builders, Sampson, Clark & Co.

Commonwealth Ave., No. 23, alterations to dwell, for J. H. Shaw; contract to be let; architects, Little, Brown & Moore, Boston.

Commonwealth Ave., No. 59, alterations to interior of dwell, for A. A. Lawrence; builder, W. F. Ross; architects, Little, Brown & Moore.

Brookline, Mass. — Alterations to dwell, for Dr. Francis; architects, Little, Brown & Moore, Boston.

Brooklyn, N. Y. — Union St., No. 415, cor. Hoyt St., three-story brick and stone bakery and dwell., tin roof, two-story brick extension, tin roof; cost, abt. \$3,500; owner, Anton Hengst, on premises; architect, Lyndon P. Smith, 149 Church St., New York City.

Hancock St., n s, 100' e Franklin Ave., two-story brick Sunday-school chapel, slate roof, three-story brick extension, slate roof, and internal alterations; cost, \$8,000; owner, Central Congregational Society, Stewart Building, New York City; architects, Fowler & Hough, 280 Broadway, New York City.

Henry St., s e cor. Clark St., 2 three-story dwells., tin roofs, raised one story and other alterations made; cost, \$4,000; owner, J. S. Hyde, 234 St. John's Pl.; architect, Charles Werner, Garfield Building.

Rodney St., s s, 100' e Kent Ave., three-story brick machine-shop and pattern-room, gravel roof, raised one story and internal and other alterations made; cost, \$6,000; owners, J. S. & G. F. Simpson, 26 Rodney St.; architect, Benj. Finkensieper, 93 Broadway.

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BUILDING INTELLIGENCE.

Chicago, Ill. — Board of Education, three-story addition to Training School, 165-167 West Monroe St.; cost, \$20,000.

Board of Education, three-story addition to school-house, Forty-fifth St. and St. Lawrence Ave.; cost, \$45,000.

Melrose, Mass. — Addition to Unitarian Church, 32' x 54'; builders, Carter Bros.; architect, W. A. Rodman, Boston.

Norwich, Conn. — Alterations to dwell for William A. Slater; architects, Little, Brown & Moore, Boston.

Rochester, N. Y. — Ohio sandstone addition to Third Presbyterian Church, Meigs St. and East Ave.; cost, \$60,000; architect, O. K. Foote.

St. Louis, Mo. — Alter four-story brick office-building; cost, \$6,000; owner, S. L. Cohen; contractor, C. M. Smiley.

Repair brick store; cost, \$5,000; owner, Wayman Crow; contractors, Kennedy & Mathias.

APARTMENT-HOUSES.

Brooklyn, N. Y. — Hudson Ave., e s, 100' n Fulton Ave., 5 four-story brick flats, tin roofs; cost, \$10,000 each; owner, Chas. A. Chesborough, Northport, L. I.; architect, W. J. Conway, 709 Union St.

Chicago, Ill. — A. W. Rainbow, 2 two-story flats, 584-686 Rockwell St.; cost, \$5,000.

Reynolds & Olsen, 2 two-story flats, 7038 Honore St.; cost, \$3,000.

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David Goldberg, four-story flats, 81 Wilson St.; cost, \$8,000.

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Thomas Sammons, three-story flats, 26-46 Sheldon St.; cost, \$9,000.

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Michael Taylor, two-story flats, 360 Twenty-fourth St.; cost, \$5,600.

W. Humeson, two-story flats, 32-40 Pierce Ave.; cost, \$7,000.

New York, N. Y. — Second Ave., No. 1128, four-story brick flat, tin roof; cost, \$18,000; owner, John J. Reilly, 431 East Seventy-ninth St.; architect, Chas. H. Israel, 90 Nassau St.

Hester St., No. 16, five-story brick flat, tin roof; cost, \$18,000; owner, Morris Jacobson, 152 Clinton St.; architect, Fred Ebeling, 3 First Ave.

Sixty-sixth St., s s, 38' w Boulevard, five-story brick flat, tin roof; cost, \$20,000; owner, Wm. C. Flanagan, 53 West Thirty-ninth St.; architect, Julius Munkowitz, 247 West One Hundred and Twenty-fifth St.

Ninety-third St., 325' e Columbus Ave., 3 five-story brick flats, tin roofs; cost, \$90,000; owner, Martin C. Monaghan, 222 East Eighty-first St.; architects, A. B. Ogden & Son, 1031 Madison Ave.

One Hundred and Twentieth St., s s, 100' e Pleasant Ave., 2 five-story brick flats, tin roofs; cost, \$30,000; owner, Jacob Schloeder, 524 East One Hundred and Twentieth St.; architect, Nicholas Gillesheimer, 76 Bible House.

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Hester St., No. 16, five-sty buff brick and brownstone flat; cost, \$18,000; owner, M. Jakobson; architect, F. Ebeling.

Dwining St., No. 44, four-sty yellow brick and red sandstone flat; cost, \$20,000; owner, S. W. B. Smith; architect, Chas. H. Israels.

Bayard St., No. 55, five-sty brick flat, tin roof; cost, \$23,000; owners, Weil & Mayer, 227 East Sixtieth St.; architects, Schneider & Herter, 48 Bible House.

Eighty-second St., n. s. 200' e Amsterdam Ave., 6 five-sty brick flats, tin roofs; cost, \$156,000; owner, Andrew J. Kerwin, 82 East Ninety-second St.; architect, A. B. Ogden, 1031 Madison Ave.

Morton St., No. 20, five-sty brick flat, tin roof; cost, \$19,000; owner, Jos. C. Butterweiser, 227 East Sixtieth St.; architect, Geo. F. Pelham, 1481 Broadway.

Second Ave., No. 1128, five-sty brick flat, tin roof; cost, \$18,000; owner, John D. Keilly, 431 East Seventy-ninth St.; architect, Charles H. Israels, 90 Nassau St.

Boulevard, s. w. cor. Seventy-eighth St., 6 five-sty brick flats, tin roofs; cost, \$175,000; owners, Forster & Livingston, 172 East Sixty-second St.; architect, G. A. Schellinger, 128 Broadway.

Madison St., No. 305, five-sty brick flat, tin roof; cost, \$23,000; owner, Charles Ruff, 228 East Tenth St.; architects, Schneider & Herter, 48 Bible House.

Thirty-fifth St., n. s. 337' w Eighth Ave., 3 five-sty brick flats, tin roofs; cost, \$61,000; owner, A. H. Deane, 268 West Thirty-fourth St.; architect, M. V. B. Perdon, 272 West Thirty-fourth St.

Madison St., No. 83, five-sty brick flat, tin roof; cost, \$20,000; owner, Jos. L. Butterweiser, 227 East Sixtieth St.; architect, G. F. Pelham, 1481 Broadway.

St. Louis, Mo.—Two-sty brick flats; cost, \$3,400; owner, H. Runger; contractor, G. Boettinger.

CHURCHES.

Boston, Mass.—Phillips St., Ward 9, one-sty brick church, flat roof, 53' x 68', for St. Augustine Mission Church; owner, A. C. A. Hall; builders, A. Phaneuf and J. Y. Mainland.

Garland, Texas.—A church, to cost \$15,000, is contemplated by the Methodists.

Lynn, Mass.—Plans are being made for stone church for the Congregational Society; contracts to be let; architects, Little, Brown & Moore.

New Orleans, La.—St. Paul's P. E. Church will build a new edifice, to cost about \$50,000.

New York, N. Y.—Riverdale Ave., s. e. cor. Beach St., one-sty brick church, peak slate roof; cost, \$17,000; owner, St. Margaret's Church, Riverdale Ave.; architect, L. J. O'Connor, 132 Nassau St.

Amsterdam Ave., n. e. cor. One Hundred and Fifth St., two-sty brick church, peak tin roof; cost, \$65,000; owner, West End Presbyterian Church, 798 West End Ave.; architect, Henry T. Kilburn, 229 Broadway.

Suburban St., n. e. cor. Bainbridge Ave., one-sty stone church, peak shingle roof; cost, \$6,500; owner, Bedford Park Congregational Church; architect, Edgar K. Bourne, 18 Broadway.

Philadelphia, Pa.—Fifth St., w. s. Venango St., frame chapel; contractors, Elchel & Lentz.

Twentieth St., n. e. cor. Miffin St., frame chapel; pastor, J. C. Graspe.

Roanoke, Va.—The Catholics will build an edifice,

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to cost about \$50,000, from plans by Brothers De Saussure & Waters, architects.

Somerville, Mass.—Cross St., near Pearl St., brick and stone church, 50' x 175', two stories, pitch roof, for Perkins St. Baptist Society; builders, Fessenden & Libby; architect, Samuel D. Kelley.

Worcester, Mass.—Woodland St., cor. Norwood St., one-sty frame church, pitch roof; cost, \$16,000; owner, All Souls' Universalist Parish; builder, Geo. Kingston; architect, Arthur F. Gray, Boston.

FACTORIES.

New York, N. Y.—Thirty-third St., Nos. 553-557, six-sty brick factory, felt and gravel roof; cost, \$25,000; owner, A. J. Campell, 220 West Twenty-third St.; architect, Henry Otis Chapman, 202 West Thirty-fourth St.

West Twentieth St., No. 530, and West Twenty-first St., No. 538, five-sty brick factory, asphalt and gravel roof; cost, \$5,000; owner, Caroline S. Townsend, Baltimore, Md.; architects, Luke A. Burke & Co., 49 Chambers St.

Fifty-first St., n. s. from Seventh Ave. to Broadway, seven-sty brick factory, asphalt and gravel roof; cost, \$150,000; owner, Henry A. C. Taylor, 121 East Twenty-first St.; architect, H. J. Hardenbergh, 10 West Twenty-third St.

Somerville, Mass.—Elm St., rear No. 157, frame factory, 30' x 40'; owner, W. J. Lamb, Medford.

HOTELS.

Danville, Va.—Hotel; cost, \$75,000; architect, W. M. Poindexter, Washington, D. C.

Lincolnton, N. C.—A \$25,000 hotel is reported to be built.

Shenandoah, Va.—Hotel; cost, \$28,000; architect, W. M. Poindexter, Washington, D. C.

HOUSES.

Baltimore, Md.—Miss H. Wurtzberger, three-sty brick building, w s Exeter St., bet. Low and Gay Sts.

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Boston, Mass.—Minton St., near Savin Hill Ave., Ward 24, three-sty frame dwell., pitch roof, 21' x 52'; owner, Wilbur Green; builder, A. Ford.

Rosemont Terrace, near Rosemont St., Ward 24, frame dwell., 28' x 30'; owner, Annie F. Folsom; builder, H. B. Rankin.

Ruthven St., near Humboldt Ave., Ward 21, frame dwell., 29' x 40'; owner, Mrs. A. I. Dorris; builders, Holmes & Nichols.

Sunnyside Terrace, Nos. 17-29, Ward 22, six frame dwells., 25.5' x 27'; owners, Workingmen's Building Association; builder, G. W. Pope.

Oakdale St., near Green St., Ward 23, three-sty frame dwell., flat roof, 24' x 38'; owner and builder, J. A. Burnham.

Heath St., near Day St., Ward 22, three-sty frame dwell., flat roof, 25' x 42'; owner, M. Finley; builder, J. W. Freising.

Jeet St., near Neponset Ave., Ward 23, frame dwell., 24' x 41'; owner, Thomas Dolan; builders, Sittig Bros.

Tremlett St., near Washington St., Ward 24, frame dwell., 38' x 45.8'; owner, Abbie E. Long; builder, A. B. Sherman.

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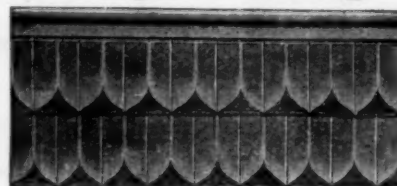
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Meridian St., near Eutaw St., Ward 1, 5 three-sty brick dwells., flat roofs, each 24' x 63'; owner and builder, J. H. Stevenson.

Trenton St., near Marion St., Ward 1, two-sty frame dwell., gambrel roof, 21.6' x 58.9'; owners, H. & G. M. Stalker; builder, D. W. Belcher.

Walter St., near Weld St., Ward 23, frame dwell., 21' x 33'; owner, Mrs. D. C. Luce; builder, A. Rogers.

Egleston St., near Boylston St., Ward 23, frame dwell., 22' x 49'; owner and builder, J. F. Mills.

West Eagle St., near Meridian St., Ward 1, frame dwell., 23.6' x 42'; owner, Charles Facker; builder, D. D. Fish.

Vernon St., No. 177, Ward 19, three-sty frame dwell., flat roof, 20' x 29'; owner, Silas Pierce; builder, T. H. Hall.

Hampshire St., Nos. 64-72, Ward 19, 5 three-sty frame dwells., flat roofs, 21' x 30'; owner, Silas Pierce; builder, T. H. Hall.

Vernon St., Nos. 175-181, Ward 19, 4 three-sty frame dwells., flat roofs, 20' x 30'; owner, Silas Pierce; builder, T. H. Hall.

Walker Ave., near Russell St., Ward 4, 4 three-sty frame dwells., flat roofs, 18' x 30'; owner, William Litchfield; builder, C. O. Stone.

Thornton St., rear No. 81, Ward 21, frame dwell., 19.2' x 29'; owner, J. F. Johnson; builder, Russell Scott.

Westerly Terrace, No. 6, Ward 22, frame dwell., 28' x 49'; owner, G. C. Garland; builders, Decker Bros.

Sagamore St., near Elton St., Ward 24, frame dwell., 24' x 34'; owner, Mary Wright; builder, Peter Riley.

Centre St., near Autumn St., Ward 23, frame dwell., 22' x 48'; owner, J. J. Kane; builders, Hersee Bros.

Lyndehurst St., near Washington St., Ward 24, frame dwell., 28' x 38'; owner and builder, J. H. Beal.

Sullivan St., No. 45, Ward 5, three-sty frame dwell., flat roof, 26.6' x 50'; owner, W. S. Redding; builder, G. M. Sarbird.

Centre St., near South St., Ward 23, frame dwell., 31' x 41'; owner, Wm. Hall; builders, Sittig Bros.

Howland St. ext., near Humboldt Ave., Ward 21, frame dwell., 26' x 32'; owner, C. A. Bickford.

Main St., Nos. 459-461, Ward 4, four-sty frame dwell. and store, flat roof, 22' x 67'; owner, Patrick Monahan; builder, James E. Brown.

Dromey Ave., Nos. 4-12, Ward 20, 4 three-sty frame dwells., flat roofs, 22' x 40'; owner, Catherine Drumme; builder, H. W. Dromey.

Brookline, Mass.—Plans are being made for dwell., for Chas. S. Norris; contract to be let; architects, Little, Brown & Moore, Boston.

Brooklyn, N. Y.—Fifty-fourth St., n. s. 160' w Fourth Ave., 3 two-sty frame dwells., tin roofs; cost, \$2,500 each; owner, Peter Larsen, Fifty-fourth St., near Fourth Ave.; architects, H. L. Spicer & Son, Fifty-third St. and Third Ave.

Hancock St., n. s. 250' e Lewis Ave., 6 two-sty brick dwells., tin roofs; cost, \$5,000 each; owner and architect, Wesley C. Bush, 137 St. Mark's Ave.

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Mason St., three-st'y frame dwell.; owner and contractor, J. B. Tucker.
Tuinter St., three-st'y frame dwell.; owner and contractor, R. Mulcahy.
Milbury Ave., frame dwell.; owner, Mrs. A. Carpenter; contractors, H. L. Putman & Co.
Florence St., two-st'y frame dwell.; owner, C. P. Barney; contractor, H. B. Pender.
Arlington St., three-st'y frame dwell.; owner, M. Brosiniani; contractor, John McCarthy; architects, Patstone & Lincoln.
Shrewsbury St., three-st'y frame dwell.; owner, C. Maynard; contractors, Bollo & Bebo.
Coburn Ave., three-st'y frame dwell.; owner, Dan E. Ayer; contractors, Ward & Blanding.
Orleans St., two-st'y frame dwell.; owner, H. B. Kinney; contractor, W. B. Richardson; architect, A. P. Cutting.
College Hill, frame dwell.; owner, G. Christian-son; contractor, L. M. Peterson.

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Chicago, Ill.—The German Opera House Company, office-building and seventeen-st'y opera-house, 103-109 Randolph St.; cost, \$600,000.
The Cook County Abstract and Trust Co., seven-teen-st'y office-building, 95-102 East Washington St.; cost, \$600,000.
Grand Rapids, Mich.—*Pearl St.*, cor. Ottawa St., ten-st'y stone, brick and terra-cotta office-building; cost, \$250,000; owners, Michigan Trust Co.; archi- tect, S. S. Beman, Chicago.
Philadelphia, Pa.—*Ninth St.*, w s s Filbert St., five-st'y office-building; contractor, C. B. Prettyman.
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first St., No. 307, four-st'y brick fire patrol house, tin roof; cost, \$17,442; owners, Board of Fire Under- writers of New York, 20 East Sixty-sixth St.; archi- tects, D'Oench & Simon, 17-19 William St.
SCHOOL-HOUSES.
Boston, Mass.—*Leyden St.*, *Orient Heights*, Ward 1, two-st'y brick school-house, flat roof, 78' x 81'; for City of Boston; builders, Mayers & Baker.
Clarksville, Texas.—The erection of a college build- ing to cost \$10,000 is contemplated.
Greensboro, N. C.—Building to cost about \$35,000 will be built for the State Normal and Industrial School for girls.
Westernport, Md.—School-house to cost about \$13- 000 will be built.
STABLES.
Boston, Mass.—*Wyoming St.*, No. 27, rear, Ward 21, frame stable, 20' x 25'; owner, M. D. Kneeland; builder, L. S. Boulter.
Birch St., rear, near Albano St., Ward 23, frame stable, 16.6' x 20'; owner, Anna Davis; builder, J. H. Currie.
Medford St., No. 65, Ward 3, two-st'y frame stable, flat roof, 28' x 80'; owner, Sarah F. Tufts; builder, J. H. Shea.
Chicago, Ill.—Fred Miller, two-st'y barn and ice- house, 135-139 North Western Ave.; cost, \$7,000.
William H. Hoyt & Co., four-st'y stable and flats, 311-313 Illinois St.; cost, \$25,000.
Vinnedge Bros., two-st'y barn, 25 East Ohio St.; cost, \$3,000.
New York, N. Y.—*East Fifty-second St.*, Nos. 73-75, three-st'y brick stable, tin roof; cost, \$18,000; owner, Harris C. Fahnestock, 2 Wall St.; architect, F. L. Ellingwood, 57 Broadway.
One Hundred and Twenty-second St., s s s, 66' w St. Nicholas Ave., four-st'y brick stable, tin roof; cost, \$28,000; owner, Frederick Hulburg, 265 West One Hundred and Twenty-fifth St.; architect, Richard K. Davis, 247 West One Hundred and Twenty-fifth St.
Seventy-seventh St., s w cor. Amsterdam Ave., five-st'y brick stable, tin roof; cost, \$40,000; owner, E. S. Coffin, 13 West Fifty-seventh St.; architect, Bradford L. Gilbert, 50 Broadway.
Philadelphia, Pa.—*Second St.*, n Bristol St., one- st'y stable; contractor, Thomas Harvey.
Kater St., n s s, w Sixteenth St., two-st'y stable; contractor, Charles O'Neill.
Twenty-eighth St., w s s, n Fletcher St., two-st'y stable; contractors, Ralph & Gregg.
Worcester, Mass.—*Harrison St.*, one-st'y frame stable; owner and contractor, M. Craft.
STORES.
Brooklyn, N. Y.—*Stone Ave.*, e s s, 150, n Sutter Ave., three-st'y frame store and dwell., tin roof; cost, \$4,500; owner, Jacob Axelrod, Osborn St.
Glenmore Ave., n e cor. Osborne St., 4 three-st'y frame stores and dwells., tin roofs; cost, \$3,000 each; owners, Feldberg & Barusch, 93 Siegel St.; archi- tect, Hugo Smith, 27 Moore St.
Arlson St., s w cor. Henry St., 7 four-st'y brick stores and dwells., tin roofs; cost, \$6,000 each; owner, John Caulfield, Hamilton Ave. near Henry St.; architects, H. L. Spicer & Son, Third Ave. and Fifty-third St.
Sands St., n w cor. Jay St., five-st'y brick store and dwell., tin roof; cost, \$20,000; owner, J. P. Taaffe, Concord and Liberty Sts.; architect, Carl F. Eisenach, 59 Court St.
Bleecker St., n s s, 300' w Central Ave., three-st'y frame store and dwell., tin roof; cost, \$4,500; owner, Adam Metz, 177 Stanhope St.; architect, H. Volk- weiler, 483 Hart St.
Hicks St., w s s, 30' s Harrison St., four-st'y brick store and dwell., tin roof; cost, \$7,000; owner, P.

BUILDING INTELLIGENCE.

Pollard, Hicks and Harrison Sts.; architect, W. M. Coats, 26 Court St.
Chicago, Ill.—Louis Mohu, 2 three-st'y store and flats, 5437-39 Lake Ave.; cost, \$12,000.
H. Hugohuegner, three-st'y store and flats, 426 West North Ave.; cost, \$10,000.
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Charles Franke, three-st'y store and flats, 237 West Thirteenth St.; cost, \$8,500.
G. H. Smith, three-st'y store and flats, 6738 State St.; cost, \$14,000.
W. L. Burdick, three-st'y store and flats, 162 Ninety-second St.; cost, \$9,000.
C. C. Bezer, three-st'y store and flats, 187 West Division St.; cost, \$6,000.
Maurice Hickey, 2 two-st'y store and flats, 5911- 5913 Wright St.; cost, \$12,000.
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O. E. Hayes, 2 four-st'y stores and dwells., 257-259 West Indiana St.; cost, \$16,000.
E. Kirchhofer, two-st'y store and flats, 968 Hieman St.; cost, \$4,000.
Voss Bros., three-st'y store and hotel, Railroad tracks and Vincennes Ave.; cost, \$11,000.
G. W. Parmelee, 2 two-st'y stores and flats, 3671- 3673 State St.; cost, \$10,000.
Henry Brummel, four-st'y store and flats, 775 West Twelfth St.; cost, \$7,000.
Jacob Rodtke, three-st'y store and flats, 68 Kroeger St.; cost, \$12,000.
Minneapolis, Minn.—J. H. Long, 13-15 East Third St., three-st'y brick store and flats; cost, \$28,000.
New York, N. Y.—*Mercer St.*, No. 237, six-st'y brick store, tin roof; cost, \$45,000; owner, Joseph Solo- mon, 51 East Broadway; architect, Fred Wandelt, 137 Madison St.
Frankfort St., No. 9, five-st'y brick store, tar and gravel roof; cost, \$15,000; owner, Louis W. Duessing, 1653 Ninth Ave.; architect, John P. Leo, 38 Park Row.
Prince St., No. 123, six-st'y brick store, tin roof; cost, \$40,000; owner, John Kehoe, 225 East Eight- teenth St.; architect, Albert Wagner, 67 University Pl.
East Houston St., Nos. 370-372, five-st'y brick store, tin roof; cost, \$20,000; owners, Ignatz Merowitz, 374 East Houston St., and Samuel Altman, 119 Colum- bus Ave.; architect, Louis F. Heinicke, 62 Bowery.
Grand St., Nos. 182-184, six-st'y brick store build- ing, tin roof; cost, \$50,000; owner, S. V. K. Crugar, 112 East Thirty-fifth St.; architect, Richard Burger, 110 Leonard St.
TENEMENT-HOUSES.
Boston, Mass.—*Lamartine St.*, opp. Paul Gore St. Ward 23, four-st'y brick tenement and store, flat roof, 85.6' x 100.1'; owner, T. P. Proctor; builder, F. B. McCabe.
New York, N. Y.—*One Hundred and Fifty-sixth St.*, n w cor. Brook Ave., 4 five-st'y brick tenements, tin roof; cost, \$12,000; owner, Geo. F. Johnson, 36 West Ninety-second St.; architect, Aaron S. Halt, 1673 Second Ave.
MISCELLANEOUS.
Boston, Mass.—*A St.*, rear, near Congress St., Ward 13, one-st'y frame storage, flat roof, 75' x 110'; owner, Boston Wharf Co.; builders, Gerry & Northrup.
Pier No. 7, rear Water St., No. 105, Ward 6, one- st'y frame storage, flat roof, 125' x 500'; for Fitch- burg Railroad Co.; builder, Andrew Hubbard.
Washington St., near Hyde Park Ave., Ward 23, two-st'y frame mechanical building, flat roof, 30' x 50', owner, Thomas Minton.
Brooklyn, N. Y.—*Carroll St.*, No. 450, three-st'y brick machine shop, tin roof; cost, \$6,000; owner, H. F. L. Hohlbrock, 255 Pearl St.; architect, G. W. Wundram, 316 Quinoy St.

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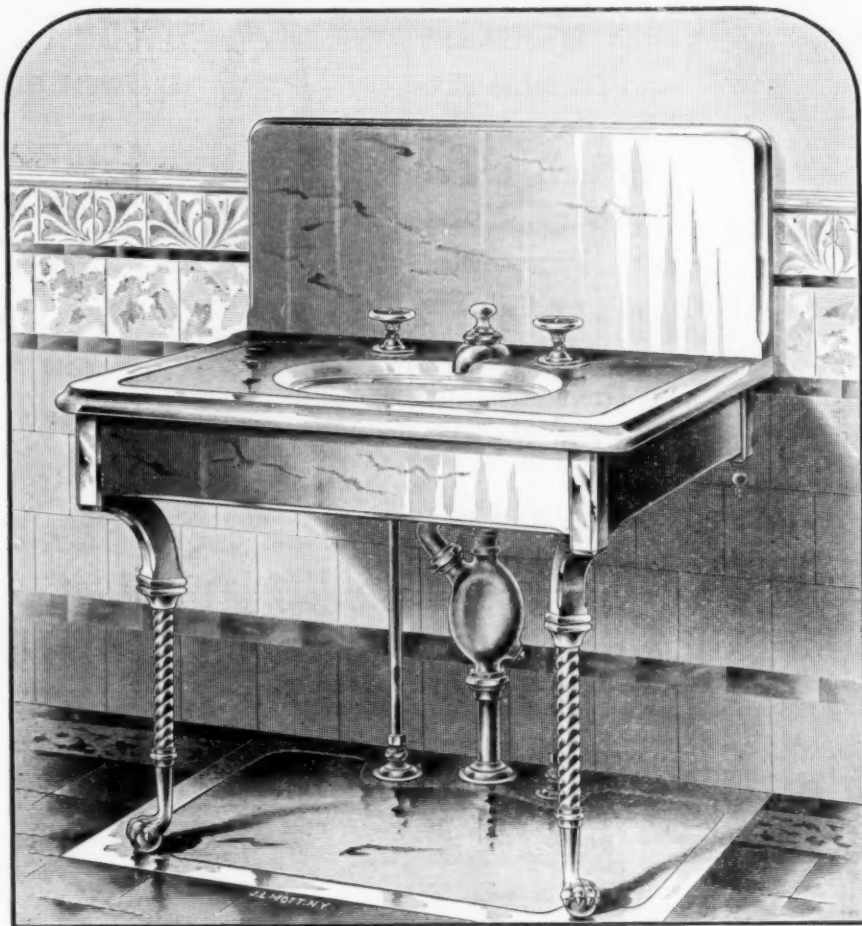


PLATE 933-G.

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Danvers, Mass.—Plans are being made for building for Peabody Institute; contracts to be let; architects, Little, Browne & Moore, Boston.

Philadelphia, Pa.—Kensington Ave. and Oxford St., salesroom; contractor, Thomas Harvey.

Fletcher St., w Twenty-ninth St., one-st'y slaughter house; contractor, J. H. Young.

North Second St., No. 1341, gymnasium; owner, John H. Fow.

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Sealed proposals will be received at this office until 12.30 P. M., July 27, 1891, for materials and labor required in the construction of the iron roof of Representatives' Chamber, Massachusetts State-House Extension, in accordance with plans and specifications, copies of which and any additional information relating thereto may be had on application to the architects on and after July 10, 1891.

The Commissioners reserve the right to reject any and all bids, and bids received after the time named will not be considered.

All bids to be plainly marked "Bids for Iron-work for Roof of Representatives' Chamber, Massachusetts State-House Extension, Boston, Mass."

JOHN D. LONG, State-House
BENJ. D. WHITCOMB, Construction
WM. ENDICOTT, JR., Commission.

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July 18, 1891. 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 August, 1891, for all the labor and materials required for the erection and completion of the United States Government Building, World's Columbian Exposition, Chicago, Ill., in accordance with drawing, general instructions and conditions and specification, copies of which may be had on application at this office or the office of the Superintendent at Chicago, Ill. Each proposal must be accompanied by a certified check for not less than two per cent of the amount of the proposal. 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



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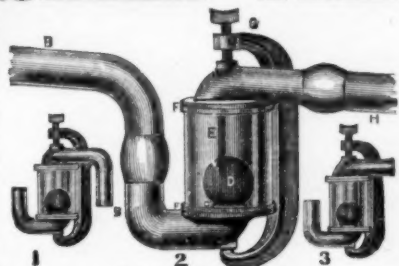
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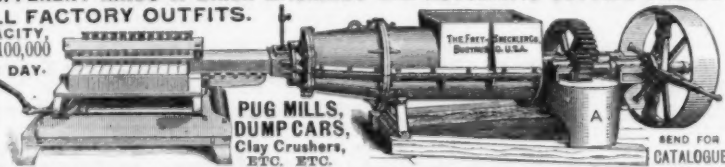
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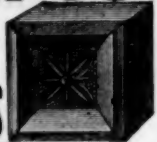
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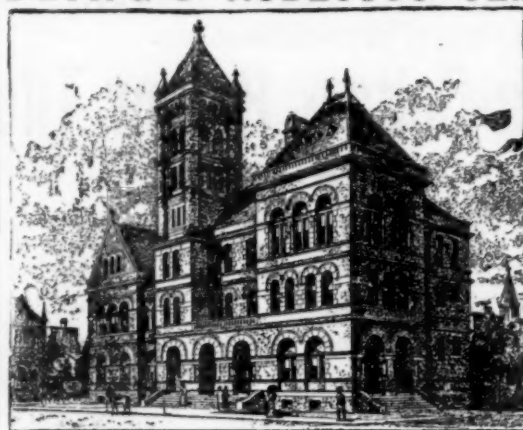
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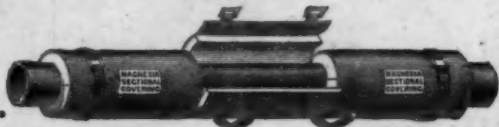
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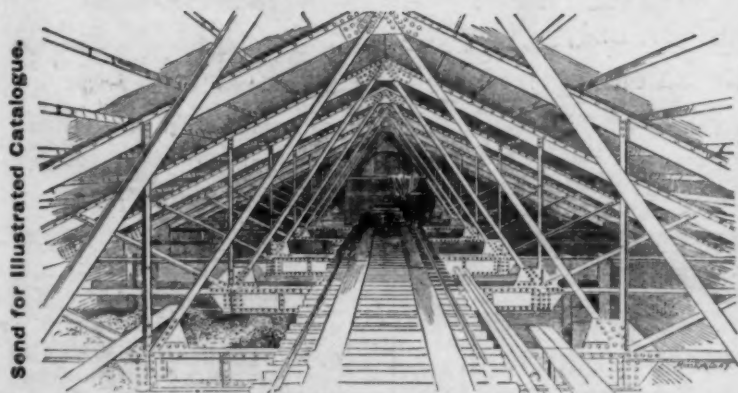
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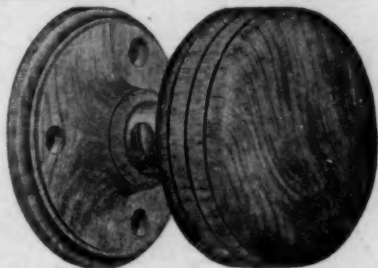
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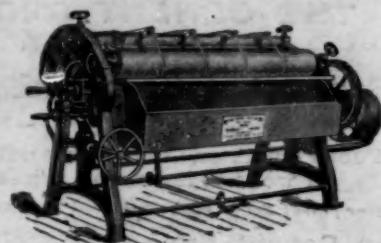
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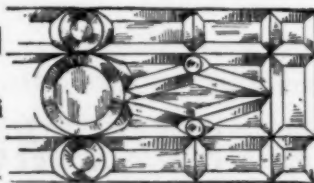
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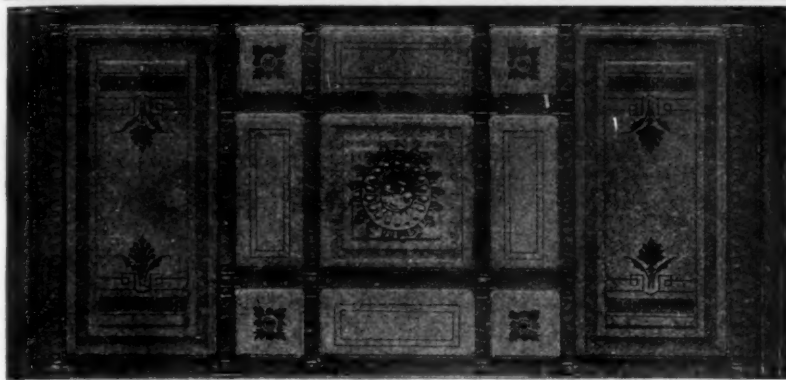
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LUMBER. - P. M.	(Wholesale Prices.)	(Prices to Builders and Contractors.)		
Boards: (Ordinary dimensions.)				
Pine, 1st quality, clear.....	65 00 @ 75 00	50 00 @ 60 00	30 00 @ 47 00	48 00 @ 55 00
" 2d quality.....	55 00 @ 60 00	42 00 @ 50 00	25 00 @ 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.....	@ 25 00	13 50 @ 25 00	Not sold.	16 00 @ 20 00
Hemlock.....	ea 13 1/2 @ 14	13 00 @ 15 00	@ 12 00	11 25 @ 13 50
Yellow pine.....	20 @ 40	25 00 @ 35 00	29 00 @ 37 00	14 00 @ 29 00
Cypress.....	@	31 00 @ 40 00	@	@ 35 00
Clapboards:				
Pine.....	@	38 00 @ 60 00	10 00 @ 22 00	14 00 @ 25 00
Spruce.....	@	23 00 @ 35 00	Not sold.	Not sold.
Framing Timber:				
Pine.....	14 00 @ 18 00	15 00 @ 18 00	12 00 @ 15 00	25 00 @ 37 30
Spruce.....	12 00 @ 16 00	14 00 @ 15 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 35	2 10 @ 2 25	2 75 @ 3 00
Spruce.....	@ 2 25	2 25 @ 2 50	Not sold.	2 30 @ 3 0
Shingles:				
Pine, shaved..... P. M.....	5 00 @ 6 00	@	Not sold.	
Pine, sawed..... "	4 00 @ 5 00	@ 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	{ 30" \$35 @ 40
Cedar split..... " M.....	@	@	Not sold.	{ 24" 8 @ 21
Cedar sawed..... "	@	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:				
Piles..... P. ft.....	4 1/2 @ 5 1/2	Piles 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	40 @ 1 25
Chestnut posts.....	@	25 @ 50	Not sold.	20 @ 30
Finishing Woods: P. M. (Kiln-dried.)				
Ash.....	@ 55 00	45 00 @ 60 00	30 00 @ 35 00	30 00 @ 40 00
Cherry.....	80 00 @ 120 00	90 00 @ 120 00	80 00 @ 110 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	45 00 @ 50 00		
Mahogany, Baywood (Mexican).....	@ 350 00	150 00 @ 160 00	150 00 @ 200 00	150 00 @ 250 00
" St. Domingo.....	45 00 @ 50 00	120 00 @ 350 00	200 00 @ 200 00	200 00 @ 400 00
Maple.....	@ 70 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.....	@ 90 00	65 00 @ 75 00	45 00 @ 50 00	60 00 @ 75 00
Sycamore quartered.....		50 00 @ 65 00	35 00 @ 50 00	57 50 @ 65 00
Pine, clear.....	65 00 @ 70 00	50 00 @ 75 00	35 00 @ 50 00	@ 65 00
Redwood.....	60 00 @ 70 00	60 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
Rosewood..... P. lb.....	@ 6	32 00 @ 35 00	@ 7	
Spruce floors (clear, kiln-dried).....	125 00 @ 150 00	85 00 @ 120 00	55 00 @ 100 00	50 00 @ 170 00
Walnut, black.....	45 00 @ 50 00	40 00 @ 45 00	18 00 @ 40 00	25 00 @ 40 00
Whitewood.....	@ 45 00	40 00 @ 42 00	29 00 @ 40 00	50 @ 45 00
Yellow pine..... P. M.....				

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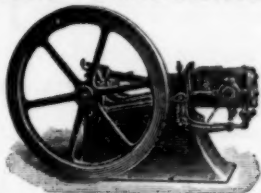
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	New York.	Boston.	Chicago.	Philadelphia.
	(Wholesale Prices.)	(Prices to Builders and Contractors.)		In Yard.
BRICK.—P. M.				
Common: Cargo afloat.				
Pale.....	2 00 @ 2 50	Eastern }	Building Brick	Sq. Hard @ 9 00
Jersey.....	4 00 @ 4 75	9 00 @ 10 00 }	@ 6 50	" @ 7 00
Long Island.....	@	Bay State Hard		Salmon @ 5 00
Up River.....	4 00 @ 5 00	8 00 @ 9 00		Sq. " @ 9 00
Haverstraw Bay 2d.....	5 00 @ 5 25	Domestic Com.	Indiana Pressed	Light Stretchers
" 1st.....	5 25 @ 5 50	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.....	@ 13 00	Philadelphia }		Dark " @ 13 00
" dark.....	@ 14 00	40 00 @ 45 00 }		Pressed 18 00 @ 20 00
" red.....	@ 14 00	Phila. mould }		Best Paving @ 14 00
Chicago pressed (Anderson).....		50 00 @ 55 00 }		Second " @ 13 00
" Moulded.....				Third " @ 12 00
Baltimore.....	37 00 @ 41 00	Anderson	15 00 @ 27 00	Dom. { @ 65
Philadelphia.....	23 00 @ 24 00	14 00 @ 32 00	65 00 @ 350 00	@ 85
Trenton.....	22 00 @ 23 00		@ 55 00	BS&Co 2 75 @ 3 00
Milwaukee.....			45 00 @ 50 00	2 85 @ 3 15
Moulded:			45 00 @	2 75 @ 3 00
Glens Falls Red Pressed.....	@ 37 00		60 00 @ 100 00	2 85 @ 3 15
" " Buff.....	@ 30 00		30 @	2 75 @ 2 85
" " Moulded Red & Buff	45 00 @ 70 00		35 @	2 50 @ 2 75
Enamelled: Imp.			55 00 @ 100 00	2 75 @ 2 85
Enamelled (edge).....	85 00 @ 100 00		@ 100 00	2 60 @ 2 75
Enamelled (edge and end).....	90 00 @ 115 00		@ 120 00	3 00 @ 3 25
CEMENT, LIME, etc.—(P. M.)				2 75 @ 2 85
Rosendale Cement.....	90 @ 1 00	1 20 @ 1 40	Not sold.	Hemmoor
Louisville.....	Not sold.	Brooks, S. & Co.	1 05 @ 1 30	2 50 @ 2 75
Utica, Akron, Buffalo, Milwaukee.....	2 50 @ 3 00	2 60 @ 3 00	1 00 @ 1 25	2 75 @ 2 85
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
" " Black Cross.....	2 25 @ 2 50	2 60 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" " (Burnham).....	2 25 @ 2 50	2 60 @ 3 00	2 90 @ 3 15	2 75 @ 2 85
" " (White's).....	2 65 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	
" French (Lafarge).....	3 00 @ 3 75	@ 5 00	3 75 @ 4 25	
" German (Alsen).....	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	
" " (Fewer).....	2 25 @ 2 40	3 15 @ 3 35	3 20 @ 3 40	
" " (Vorwöhler).....	2 50 @ 2 90	Cleopatra	@	
" " (Lagerlofer).....	@	2 55 @ 3 00	2 75 @ 3 00	
" " (Dyckerhoff).....	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	
" " (Hanover).....	2 35 @ 2 85		Not sold.	
" " Stettin, (Anchor)	2 15 @ 2 45	2 15 @ 2 50	Not sold.	
" American (Saylor's).....	2 75 @ 3 00	@ 3 00	2 75 @ 3 00	
Roman.....	5 75 @ 6 50	@ 6 00	2 75 @ 3 25	
Keene's coarse.....	9 25 @ 10 25	@ 11 50	6 50 @ 7 00	
" superfine.....			9 00 @ 10 50	
Lime:				
Lime of Tell.....	3 50 @ 4 00		Not sold.	White Lime P bush
Hydraulic Lime.....	@ 1 45	@ 1 35		25 @ 30
Chicago Lime in bulk.....		St. John 1 00	55 @	{ White Mash
Wisconsin Lime.....	@ 1 00	@ 1 05	60 @	1 25 @ 1 50
Rockland and Rockport, (Com.).....	@ 1 00	@ 1 10	Not sold.	1 00 @ 1 00
Rockland and Rockport, finish.....	@ 1 20	@ 1 20	Not sold.	
Kelley Island Lime, finish.....	@ 90	Not sold.	1 00 bulk, 75c.	Not sold.
State, com. cargo rates (nom.).....	@ 1 05	Not sold.	Not sold.	Not sold.
State, finishing.....	1 20 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	1 50 @ 2 25
Plaster of Paris (calcined).....	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
" (setting).....	16 @ 18	25 @ 30	20 @ 25	20 @ 25
Hair (Cattle) P bush.....	20 @ 22	@ 30	30 @ 35	30 @ 35
" (Goat).....	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
Sand, P load.....				
STONE. (P. cubic foot, rough.)				
Granite: (P. cubic foot, rough.)		@ 60		55 @ 65
Limestone:				
Bedford.....	45 @ 1 25	95 @ 1 00	50 @	75 @ 90
Joliet.....	@ 1 00		35 @ 55	Richmond 75 @ 1 50
Lemont.....	@		35 @ 60	P Perch @ 4 50
Serpentine.....	@	10 50 per ton	@ 1 00	

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Black, brown, buff P lb.	25			
Colorific P lb.	25			
Red P lb.	3			
White P bbl.	1 75			
Foundation:				
Dimension		5 00 P ton.	20	5 00
Block		4 60 P perch.		Conshocken
Rubble		1 25 1 50	8 50	1 45 2 50
Bluestone: P sq. ft.				
Sidewalk	30 50 50 60	40 1 75 75	75 1 00 50 1 00	1 in. th. 10 25 37 50
Planed:				
Sandstone:				
Longmeadow	80	80 90		95 1 16
Kibbe	90	90 1 10		
Brown (Connecticut)	1 00	1 25 1 45	1 50 P cub. 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 00
New Brunswick (Dorchester)	1 00	75 90		1 00 1 00
Cazen		2 00		1 25 1 00
Carlisle, English	1 05	1 05		95 1 00
Corse Hill (Scotch)	1 05	1 05		
Marble: (P 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-reined			4 40	2 50 2 75
Sienna			Not Sold.	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 00	2 25 3 00
Slate: 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 10 00	10 00 11 00	12 00 14 00	7 50 10 25
black, Lehigh	4 25 4 75		6 25 6 85	3 25 4 00
Chapmans			7 30 8 00	4 00 4 65
Unfading black, Monson, Me.	5 50 8 00	5 50 8 00	6 00 9 00	5 50 8 00
Tiles, Am. P. M.			Not Sold.	25 00
N. Peach Bottom, warranted unfading.				6 00 6 75
PAINTS. (In Oil P lb.)				
White lead, Am.	7 75	7 75	6 75	7 75
zinc	5 85	8	7 10	7 75
Red lead, Am.	6 75	7 75	6 75	7 75
Venetian	6 10	12	14 2 1	dry Eng. 7 75
Vermillion	65 70	75 80 dry	65 68	Eng. 7 75
Indian, Eng.	12 20	12 20	12 20	dry Am. 1 15
Yellow Ochre	12 20	12 20	3 15	15 20
Chrome	8 13	8 20	15 25	8 12
Green (chrome)	25 40	25 40	18 35	10 24
Green, Paris	15 25	15 25	9 30	60
Black, lamp	12 18	18 30	12 35	63
Blue, ultramarine	55 62	30 40	57 60	44
Oil, linseed, (raw)	58 65	42 43	60 63	125 3 00
boiled	36 37	40 41	51 51 1	150 3 00
Turpentine		1 50 6 00	1 25 2 00	2 20 2 1
Varnish, coach		2 50 3 00	2 25 4 00	1 1 1
Shellac	2	2	2	1 1 2
Putty	75 1 00	1 1 1	1 1 1	4 7 13
Whiting	1 30 2 00	2 3	1 1 2	
Paris white, (Eng.)	54 6	7 1	6 7	
Litharge, Am.	14 20	14 20	4 16	
Sienna (burnt)	14 20	14 20	2 10	
Umber				
HARDWARE.				
Nails: (Per Cask.) Spikes, (wrought.)				
10d. common	2 85	2 15	2 75 3 00	per keg 2 25
Shingle	3 35	2 25	2 35	2 30
Lath	4 85	3 45	2 75	2 60
(Finishing nails according to size.)			3 65	3 60 4 75
(For casing nails add 75 c. per keg.)			Add .85 to \$1.15	per lb. 4 6
Butts: 4" x 4" (P doz. pairs.)			50 to .90	Add per cask 2 90 (all kinds.)
Plain	1 00	1 20	90	90
Japaned	1 50	1 75	Not Sold.	1 35 2 00
Acorn, Japaned	1 50	1 90	2 00 3 75	1 35 2 75
Ball Tip, Boston Finish (P pair.)	65	50	Not Sold.	48 50
Bronze metal	1 90	plain 1 65	2 00 3 25	1 25
Brass (for cupboards)	10	10	12	1 00
Ebony				35
Apple wood				37 1 00
Knobs: (P set.)				
Mineral, best	8	8	8 10	8
Lava	50	75	65 80	Not Sold.
Hemacite	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	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		7 1	13 16	13 16
Lead Pipe		7	6 1	6 1
Iron:				
I-Beams, up to and including 36 ft.	3 3-10 3 1	3 1-10	3 20 3 70	2 8-10
I-Beams, over 36 ft. 1, 1 1/2 c. advance			3 20 3 70	2 8-10
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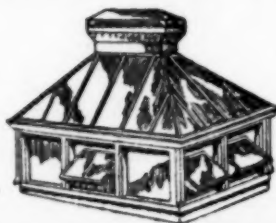
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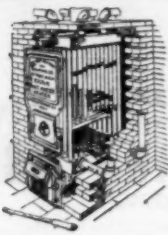
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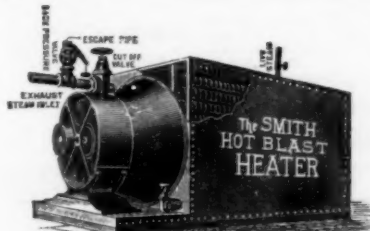
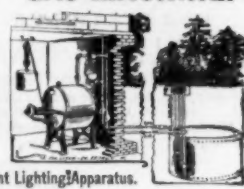


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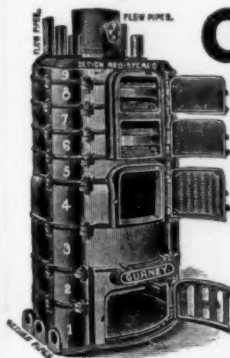
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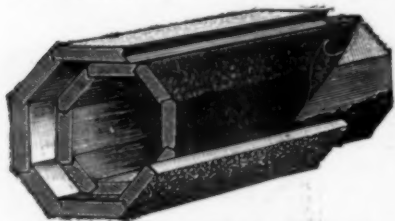
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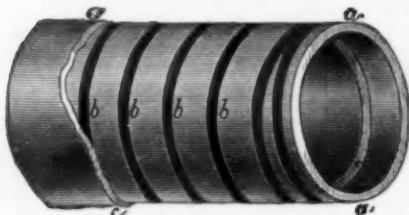
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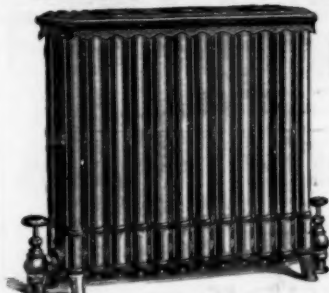
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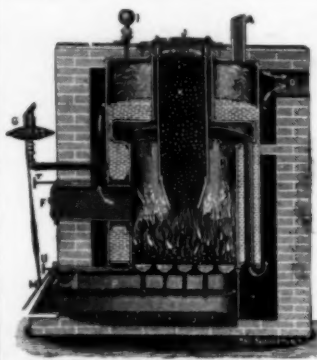
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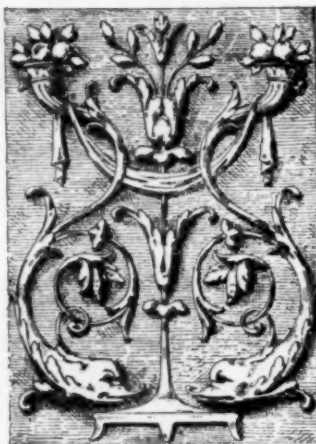
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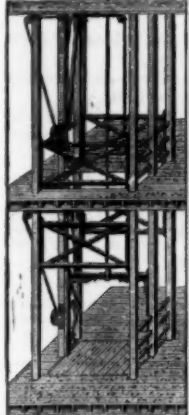
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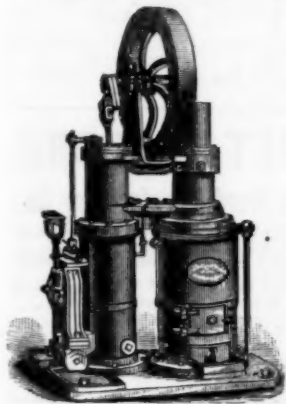
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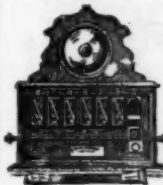
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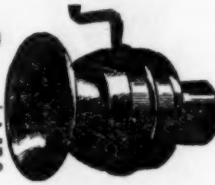
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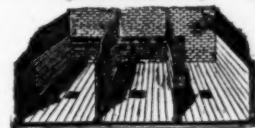
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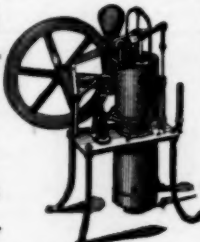


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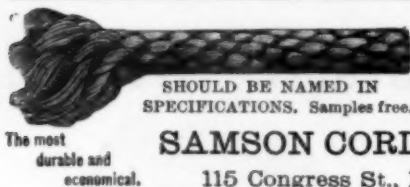
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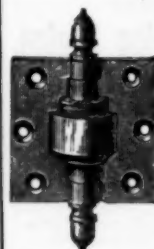
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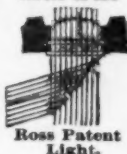
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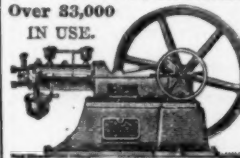
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pers. Page xx.

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Page 6, Supplement.

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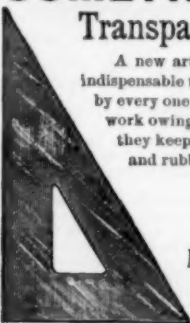
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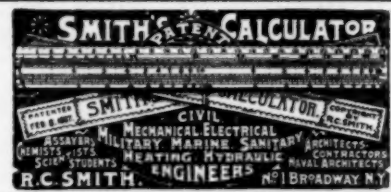
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(Reported for The American Architect and Building News.)

[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.—McDonough & St., s. s. 200' w Stuyvesant Ave., one-st'y frame church, slate roof, 2 one-st'y brick extensions, tin roofs; cost, \$7,000; owner, Church of Good Shepherd; architect, George P. Chappell, 24 State St., New York City.

Tompkins Pl., No. 37, three-st'y brick dwell., with extension, internal alterations; cost, \$3,500; owner, E. C. Layton, 64 South St., New York City; architect, J. W. Bailey, 66 Court St.

New York, N. Y.—Sixty-eighth St., No. 68, four-st'y brick dwell., extension and internal changes; cost, \$7,000; owner, Louis Seeberger, 52 East Sixty-first St.; architect, Alfred Zucker, Lincoln Building, Union Square.

CHURCHES.

Tonawanda, N. Y.—First Presbyterian Church; cost, \$15,000; architect, W. H. Archer, Buffalo, N. Y.

Architectural Books.

HAND-BOOKS.

KIDDER, F. E., \$3.50
"Architects' and Builders' Pocket-Book."
New York (53 East 10th St.): J. Wiley & Sons.
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HOSPITALS.

Philadelphia, Pa.—Pine St., n. s. e. Thirty-sixth St., one-sty hospital; contractor, F. H. Doan.

Worcester, Mass.—Belmont St., two-sty brick and stone hospital; owner, Washburn Memorial Hospital; contractor, J. M. Buzzell; architects, Fuller & Delano.

HOTELS.

Philadelphia, Pa.—Eleventh St., s. w. cor. Spruce St., five-sty hotel; contractors, C. F. Wells & Son.

HOUSES.

Boston, Mass.—Selden St., near Morton St., Ward 24, four frame dwell., 24' x 28'; owner, S. B. Pierce; builder, W. J. Jobling.

Ashmont St., near Wrentham St., Ward 24, three-sty frame dwell., pitch roof, 40' x 41'; owner, Mrs. G. T. Strand; builder, W. J. Smith.

Everett Square, from Westport St., near Raymond St., Ward 25, three-sty frame dwell., hip roof, 33' x 33'; owners and builders, Alcock & McKay.

Prospect St., opp. Sheldon St., Ward 23, frame dwell., 24' x 28'; owner, Eugene C. Sears; builders, L. Martin & Co.

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Wise St., near Rav St., Ward 23, three-sty frame dwell., flat roof, 27' x 31'; owner, Mrs. H. Magdalene; builders, R. D. Ward & Co.

Blue Hill Ave., near Moreland Terrace, Ward 20, three-sty frame dwell., 22' x 53'; owner, M. J. Good; builders, McNeil & McLean.

Josephine St., near Geneva Ave., Ward 24, two frame dwell., 23' x 28' and 24' x 41.6'; owners, W. L. Libby and Mrs. D. M. Wilkins; builders, C. A. Milton and A. J. Hall.

Van Winkle St., near Dorchester Ave., Ward 24, frame dwell., 20' x 38'; owner and builder, Isaac Schurman.

Bayard St., near Kenneth St., Ward 25, frame dwell., 27' x 39'; owner, G. E. Mitchell; builders, Mitchell & Sutherland.

Paris St., No. 244, Ward 1, three-sty frame dwell., flat roof, 22' x 39'; owner, J. G. O'Donnell; builder, Frank Finn.

Westminster St., Nos. 94-100, Ward 19, 4 three-sty brick dwell., flat roofs, 20' x 40'; owner, Anne T. Connolly; builder, T. Connolly.

Home Ave., Nos. 3-28, eleven frame dwell., 24' x 30'; owner and builder, D. H. McKay.

Bremen St., cor. Prescott St., Ward 1, three-sty frame dwell. and store, flat roof, 29' x 31'; owner, M. Hoffman; builder, E. J. Turner.

Williams St., Nos. 68-84, Ward 19, 9 three-sty brick dwell., flat roofs, 20' x 40'; owner and builder, John H. Mullen.

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Brooklyn, N. Y.—Linwood St., w. s. 225' s. Ridgewood Ave., two-sty frame dwell., tin roof; cost, \$3,500; owner, George Purdy, 169 Linwood St.; architect, John Wanemaker, Shepherd Ave.

Withers St., n. s. 225' w. Graham Ave., three-sty frame dwell., tin roof; cost, \$4,800; owner, Elizabeth Thompson, 147 Withers St.; architect, W. A. Sloan, Chestnut St.

Thirteenth St., n. s. 172' 10" w. Seventh Ave., four-sty brick dwell., tin roof; cost, \$6,000; owner, Lavinia E. Blott, 328 Fifteenth St.; architect, John A. Hoffman.

Hart St., No. 900, bet. Wyckoff and St. Nicholas Aves., two-sty frame dwell., tin roof; cost, \$3,500; owner, Mr. Campler, 307 Evergreen Ave.; architect, Herman E. Funk, 11 Varet St.

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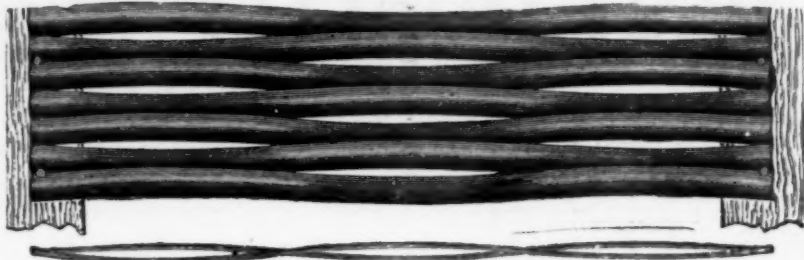
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Tusker St., No. 834, three-st'y dwell.; contractor, Michael H. Myers.
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Clearfield St., e Jasper St., two-st'y dwell.; contractor, W. D. Huston.
Mechlin St., No. 39, three-st'y dwell.; contractor, H. A. Miller.
White St. and Spencer Ave., two-st'y dwell.; owner, Gaston Miller.
Green St., w Morris St., two-st'y dwell.; contractor, John P. Neill.
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Allegheny Ave. and Miller St., two-st'y dwell. and store; contractor, Frank Dietrich.
Allegheny Ave., e Emerald St., three-st'y dwell.; contractors, Einwechter & Son.
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Lydia St., n Twenty-fifth St., 2 three-st'y dwells.; contractor, L. B. Kraft.
Buist Ave. and Seventy-eighth St., two-st'y dwell.; contractor, D. S. Kates.
State Road, n Conley St., 1 three-st'y and 1 two-st'y dwells.; contractor, J. C. Gleason.
Marshall St., n Cambria St., 4 two-st'y dwells.; contractor, C. A. Heink.
Morris St., e Ward St., 2 three-st'y dwells.; contractor, M. M. Fox.
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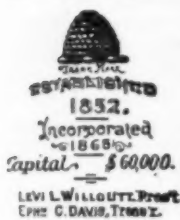
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Summersville St., n Lehigh Ave., 23 two-st'y dwells.; contractor, John B. Cary.
French St., w Ridge Ave., 8 two-st'y dwells.; owners and builders, J. H. Stevenson & Sons.
Fairmount Ave., No. 2300, three-st'y dwell. and store; contractors, James Beatty & Son.
Atlantic St., s York St., two-st'y dwell.; owner, C. F. Lippincott.
Courtland St., w A St., two-and-one-half-st'y frame dwell.; contractor, E. W. Welch.
Lancaster Ave., e Thirty-fourth St., 10 three-st'y dwells.; contractor, Jacob B. Jordan.
Otis St., above Wilder St., 4 two-st'y dwells.; contractors, Hulshizer & Richardson.
Hewson St., above Wilder St., 3 two-st'y dwells.; contractors, Hulshizer & Richardson.
Seymour St., n w cor. Knox St., three-st'y dwell.; contractors, McLaughlin & McNamara.
Twenty-second St., w s, n Norris St., 3 three-st'y dwells.; contractor, Walton Scott.
Vine St., No. 407, three-st'y dwell.; owners, George Doring & Son.
Somerville, Mass. — Bartlett St., near Medford St., two frame dwells., 22'6" x 50'; owner, H. W. P. Colson; builder, J. K. Ricker.
Holland St., near Moore St., frame store and dwell., 28' x 30'; owner, George J. Russell; builder, W. W. Freeman.

Roofing Materials.

EVERY VARIETY OF
PLAIN AND FIREPROOF
BUILDING PAPER,
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Waterproof and Inodorous Papers, Plain and Corru-
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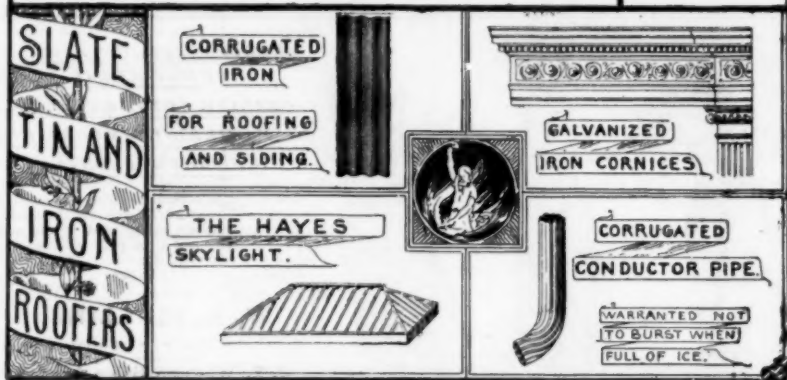


BUILDING INTELLIGENCE.

West St., near Highland Ave., frame dwell., 22' x 40'; owner, L. P. Cote; builder, D. W. Clark.
Linden Ave., near Elm St., frame dwell., 14' x 38'; owner, W. R. Fletcher; builder, Wm. Brooks.
Hudson St., No. 139, frame dwell.; owner and builder, T. B. Blaikie.
Klats St., near Elm St., four frame dwells., 22' x 30'; owner and builder, John Elston.
Green St., two frame dwells., 25' x 41', and 14' x 36'; owner, H. W. Colson; builder, J. W. Prevost.
Kingsman Ct., frame dwell., 22' x 32'; owner, Frank J. Hamblin; builder, G. D. B. Robinson.
Chandler St., frame dwell.; owner, Fannie R. Magoun; builder, Daniel E. Robbins.
Broadway, No. 543, cor Williams St., frame dwell.; owner and builder, Malcolm McLean.
Dana St., frame dwell., 25' x 30'; owner, Richard Falvey; builder, James Paul.
Pearl St., rear, frame dwell., 24' x 36'; owner, Chas. O. Loomis; builder, W. P. Rice.
Eastman Pl., cor. Highland Ave., frame dwell., 24' x 38'; owner and builder, J. A. Crawford.
Dartmouth St., frame dwell., 32' x 50'; owner, Daniel F. Sullivan; builder, G. E. Hutchinson.
Hancock St., frame dwell., 21' x 32'; owner, John Fisher; builders, Dobson & Wallace.
Prospect St., frame dwell., 28' x 40'; owner, Arthur O'Leary; builder, John McGill.
Medford St., opp. Winter Hill depot, frame dwell., 28' x 40'; owner, Mr. Hawks; builder, Wm. Hill.
Autumn St., rear No. 12, frame dwell., 21' x 40'; owner, Florence A. Hurn; architect, George F. Hurn.
St. Louis, Mo. — Two-sty brick dwell.; cost, \$4,000; owner, H. Geokhur; contractor, H. W. Rocklage.
Two-sty brick dwell.; cost, \$3,000; owner, F. W. Kassing; contractor, H. W. Rocklage.
Two-sty brick dwell.; cost, \$6,500; owner, Mrs. M. J. Meyer; sub-let.
Two-sty brick dwell.; cost, \$2,500; owners, St. Louis Mutual House-Building Co. No. 3; contractor, A. Weidlich.
Two-sty brick dwell.; cost, \$8,000; owner and contractor, J. H. Randall.
Two-sty brick dwell.; cost, \$4,000; owner, M. Anderson; contractor, H. Schulte.
Two-sty brick dwell. and store; cost, \$7,000; owner, M. Anderson; contractor, H. Schulte.

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AND MAKING TIGHTEST JOINTS. ALL TINNERS PREFER TO
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Three two-sty brick dwells.; cost, \$3,000 each; owner and contractor, G. T. Burdean.
Two-sty brick dwell.; cost, \$6,500; owner, F. Rivoltre; contractor, E. Paulus.
Three-sty brick dwell.; cost, \$4,400; owner, Louise Toengef; contractor, P. Tiemann.
Three-sty brick dwell.; cost, \$6,000; owner, Mr. Schimmelpheng; contractor, B. Stock.
Two-sty brick dwell.; cost, \$2,600; owner, J. Kammerer; contractor, J. Volk.
Two-sty brick dwell.; cost, \$4,900; owners and contractors, Riedisser & Gerhardt.
Two-sty brick dwell.; cost, \$4,000; owners and contractors, Conrad & Bickel.
Worcester, Mass. — Union Ave., two-sty frame dwell.; owner, Michael Farnan; contractor, Wm. Power.
June St., one-sty frame dwell.; owner, S. E. Willard; day work.
Grafton St., three-sty frame dwell.; owner, Louis G. Crevier; contractors, Bellisle & Maynard; architects, Barker & Nourse.
Suffolk St., three-sty frame dwell.; owner, Patrick Fox; contractors, Beaulieu & Bebeau.
Alford Ave., one-sty frame dwell.; owners and contractors, Ward & Blanding.
First St., one-sty dwell.; owner, E. S. Richardson; day work.
Freeland St., two-sty frame dwell.; owner, H. Emiler Taylor; contractor, M. E. Brosinhan.
OFFICE-BUILDINGS.
Philadelphia, Pa. — North Broad St., No. 1316, two-sty office; contractor, W. W. Binder.
Broad St., s. Fitzwater St., one-sty office; contractor, Thos. McCouch.
Howard St., n. Harrison St., one-sty office; contractor, F. B. Franks.

PUBLIC BUILDINGS.

New York, N. Y. — Fourth Ave., e. s. Thirty-third and Thirty-fourth Sts., one and three-sty brick armory, slate and tin roof; cost, \$350,000; owner, City of New York; architect, J. B. Thomas, 100 Broadway.

SCHOOL-HOUSES.

Fort Royal, Va. — Randolph Macon Academy; cost, \$75,000; architect, W. M. Poindexter, Washington, D. C.

BUILDING INTELLIGENCE.

Hudson, Mass. — Two-sty brick school-house, slate roof; cost, \$13,000; owners, Town of Hudson; contract not let; architect, Arthur F. Gray, Boston.
Lynchburg, Va. — Randolph Macon Woman's College; cost, \$100,000; architect, W. M. Poindexter, Washington, D. C.
STABLES.
Boston, Mass. — Dorchester Ave., rear 1149, Ward 24, frame stable, 20' x 22'; owner and builder, Isaac H. Dunn.
Buffalo, N. Y. — E. H. Howard, Esq., Linwood Ave., frame barn; architect, W. H. Archer.
Chicago, Ill. — Graham Vault Co., five-sty stable and storage house, 134 West Madison St.; cost, \$40,000. Mrs. A. B. Peck, three-sty barn, 2446 Michigan Ave.; cost, \$6,000.
New York, N. Y. — One Hundred and Twenty-second St., s. s. 60' w. St. Nicholas Ave., four-sty brick and stone stable; cost, \$18,000; owner, Frederick H. H. Davis.
Ninety-third St., n. s. 200' e. Ninth Ave., three-sty brick stable, tin roof; cost, \$30,000; owner, Henry A. Robbins, 419 Fifth Ave.; architect, S. B. Reed, 245 Broadway.
Philadelphia, Pa. — Mount Vernon St., n. s. e. Thirty-ninth St., stable and carriage house; contractor, Gustave Neilson.
North Sixth and a Half St., Nos. 420-22-24, stable and store; contractor, John Mahoney.
Hancock St., s. w. cor. Washington Ave., stable; contractor, M. D. Wartman.
Ridge Ave., w. School Lane, one-sty stable; owner, Robert W. Kay.
Sixth St., n. w. cor. Cambria St., stable; owner, W. S. Buckley.
Hamilton St., e. Sixty-third St., stable; contractor, J. H. Stroud.
Alter St., w. Twenty-second St., stable; contractor, M. A. Furnival.
Uber St., n. Berks St., stable; contractors, J. S. Cornell & Son.
Somerville, Mass. — Linwood St., rear Nos. 139-141, frame stable, 30' x 40', for fifteen horses; owner, Eva T. Christie.
Worcester, Mass. — Milbury Ave., one-sty frame

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The "Willer" Sliding Blinds are made in sections to slide vertically, are balanced by springs, contain Rolling Slats wherever wanted and are furnished complete, including finish and hardware.

The "Willer" Folding Blinds are furnished with our improved Rolling Slats without the usual wooden rod in front.

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BUILDING INTELLIGENCE.

stable; owner, Joseph Lajole; contractors, Bellisle & Maynard.
Fox St., one-st'y stable; owner, Mrs. Hannah Callahan; contractor, Wm. Power.

STORES.

Chicago, Ill. — D. R. Rothrock, four-st'y store and flats, 201 Center St.; cost, \$12,000.
Fred Weigmer, three-st'y store and flats, 1643 West Twelfth St.; cost, \$7,000.
S. W. Roth, 2 three-st'y stores and flats, 1902-1906 Lake St.; cost, \$20,000.
C. Bennardy, three-st'y stores and flats, 266 West Twelfth St.; cost, \$3,000.
George A. Severns, 4 three-st'y stores and flats, 3400-3412 Archer Ave.; cost, \$25,000.
Frank Halas, 2 three-st'y stores and flats, 845 South Wood St.; cost, \$6,500.
George Hannaford, three-st'y store and flats, 878 Thirty-fifth St.; cost, \$4,000.
Harry Fleenty, four-st'y store and flats, 128-130 North Wells St.; cost, \$15,000.
E. D. Murray, three-st'y store and flats, Cottage Grove and South Chicago Aves.; cost, \$8,000.
Herman Schmidt, two-st'y store and flats, 4466 Wentworth Ave.; cost, \$3,300.
John Anderson, two-st'y store and flats, Fifty-ninth and Carpenter Sts.; cost, \$4,500.
F. M. Chelius, three-st'y store and flats, 882 Commercial Ave.; cost, \$4,000.
Peter Mueller, 2 three-st'y stores and flats, 686-688 West North Ave.; cost, \$14,000.
John Bentner, three-st'y store and flats, 586 Blue Island Ave.; cost, \$7,000.
Minneapolis, Minn. — O. M. Achard, three-st'y brick store and flats, 621-631 First Ave. S.; cost, \$16,000.
Philadelphia, Pa. — Columbia Ave., No. 1607, one-st'y store; contractor, A. Raymond Ruff.

THE "A-D" SYPHON WATER CLOSET**CLAIMS ADVANTAGES****OVER ALL OTHER SYPHON CLOSETS.****BECAUSE**

THE single pipe from cistern is connected to a bent or curved passage in the earthenware, forming a trap about six inches deep, which positively prevents the escape of foul air through the supply-pipe.

THE back vents are placed on either side, and are so arranged that the flow of water, soil paper, etc., is away from instead of into the vent openings, so that the vents cannot become clogged, features not to be found in any other double-trapped closets, and which are of

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THE water contained in bowl is of sufficient depth to immerse all excretion.

THE action is instantaneous, strong and nearly noiseless, the result of a single short pull.

THE cistern is furnished with a 3-inch slow-closing valve, so simple that it cannot fail to operate, and could not be worn out in twenty years.

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Broad St., e s s Chestnut St., four-st'y store and office-building; owner, J. Wallace Hallowell.
Eighth St., s e cor. Filbert St., three-st'y store; contractor, H. C. Nichols.
Broad St. and Ridge Ave., four-st'y store; contractor, E. Bechtel.

St. Louis, Mo. — One-st'y brick store; cost, \$5,000; owner, Dr. H. W. Spencer; contractors, Kennedy & Mathias.

THEATRES.

Tonawanda, N. Y. — Four-st'y brick and stone theatre; cost, \$20,000; architect, W. H. Archer, Buffalo, N. Y.

WAREHOUSES.

Baltimore, Md. — The Haum's Distilling Co. will build a four-st'y warehouse, Ostend St., s s, w Warner St.

Chicago, Ill. — August Delmont, three-st'y warehouse, 524 Market St.; cost, \$12,000.

St. Louis, Mo. — Two-st'y brick warehouse; cost, \$15,000; owners and contractors, St. Louis Wire Mill Co.

MISCELLANEOUS.

Boston, Mass. — Albion St., near Lucas St., Ward 16, two-st'y brick building, flat roof, 46.8' x 50'; for New England Telephone and Telegraph Co.; builder, M. D. Ayers.

Rochester, N. Y. — Three-st'y brick block, Monroe Ave.; owner, W. R. Challice; masons, Lawer Bros.

BUILDING INTELLIGENCE.

Seven-st'y brick and stone manufacturing building, Graves St.; cost, \$85,000; owner, I. De Witt Butts; architects, Warner & Brockett; iron work, F. L. Hughes; contractors, Stallman Bros.

PROPOSALS.

July 26, 1891. 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 August, 1891, for furnishing all the labor and materials required, and fixing in place complete, the extension of the low-temperature, hot-water heating and ventilating apparatus, reconstructing old apparatus in basement, etc., and furnishing and placing a high-pressure steam-boiler for the United States Court-house and Post-office building at Atlanta, Ga., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Atlanta, Ga. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. 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 Extension of Low-temperature, Hot-water Heating and Ventilating Apparatus, Reconstructing Old Apparatus in Basement, etc., and Furnishing and Placing a High-pressure Steam-boiler for the United

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James C. Bayles, M. E., late President of the New York Board of Health: "Under the conditions described it works better, I think, than a vent-pipe. It responds quickly to a demand for air, but as promptly closes against a current seeking escape through it."

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We are making this Brand in Philadelphia, and
the price remains the same.

N. & C. TAYLOR CO.

Philadelphia, July 1, 1891.

PROPOSALS.

States Court-house and Post-office building at Atlanta, Ga., and addressed to W. J. EDBROOKE, Supervising Architect. 815

July 27, 1891. 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 August, 1891, for all the labor and materials required for furnishing and putting in place complete the low-pressure, return-circulation, steam-heating and ventilating apparatus for 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 at Bridgeport, Conn. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of proposal. 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 Post-office, building at

PROPOSALS.

Bridgeport, Conn., and addressed to W. J. EDBROOKE, Supervising Architect. 815

July 18, 1891. 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 August, 1891, for all the labor and materials required for the erection and completion of the United States Government Building, World's Columbian Exposition, Chicago, Ill., in accordance with drawing, general instructions and conditions and specification, copies of which may be had on application at this office or the office of the Superintendent at Chicago, Ill. Each proposal must be accompanied by a certified check for not less than two per cent of the amount of the proposal. 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 United States Government Building, World's Columbian Exposition, Chicago, Ill., and addressed to W. J. EDBROOKE, Supervising Architect. 814

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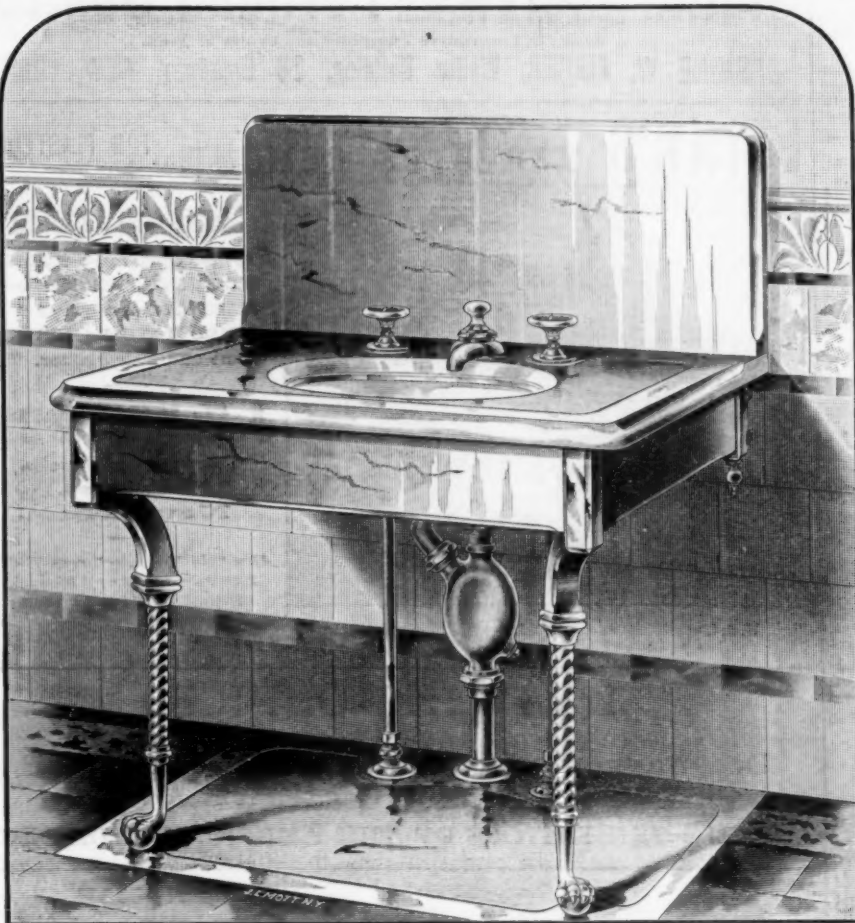


PLATE 933-G.

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COMPRISING: Marble Slab, Back, Front and Side Pieces, with Patent Brass Legs, Oval Basin, the "Primus" Combination Supply and Waste, Brass Supply Pipe to floor, and the "Elliptic" Trap with Pipe to floor.

All the Brass Work furnished either Nickel-plated, Silver-plated or Polished.

The Marble Slab shown is 33x24 inches, with 12-inch Back and 5-inch Front, and Side Pieces; other sizes furnished to order.

The Oval Basin may be Marbleized or Ivory-tinted, or Decorated in any of the designs illustrated in our Catalogue G.

[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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A. S. Aloe & Co., St. Louis, Mo.....(mon)
Frost & Adams, Boston.....(cow)
Artificial Stone.
Wohn Pavement Co., New York, N. Y.....(cow)
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Howard Fleming, New York.....(cow)
Hydraulic Press Brick Co., St. Louis.....
Peelers Brick Co., Philadelphia, Pa.....
Waldo Bros., Boston.....
Brick Machine.
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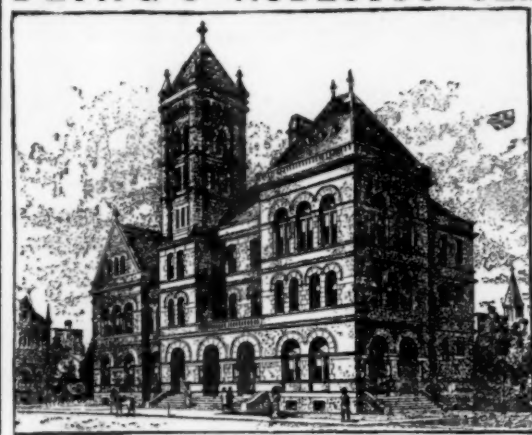
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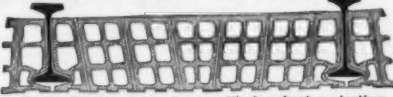
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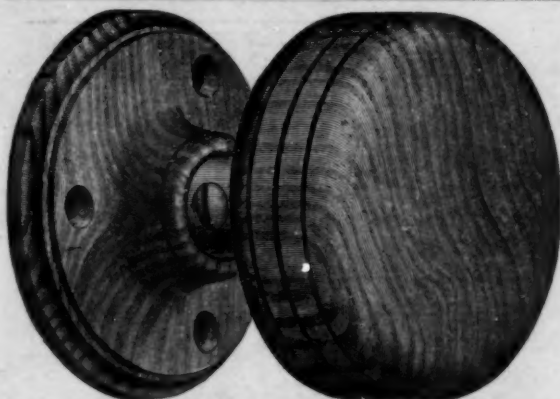
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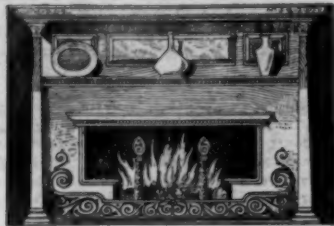
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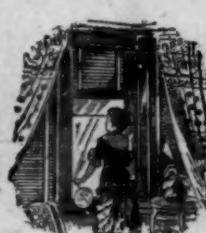
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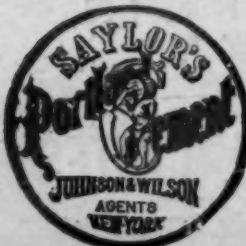
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Flanges	per	inch	per	inch	per	inch	per	inch	per	inch	per	inch	per	inch	per	inch	per
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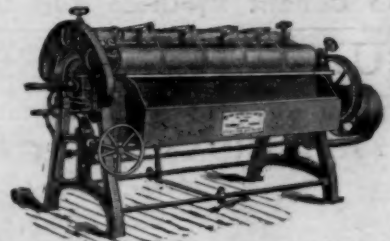
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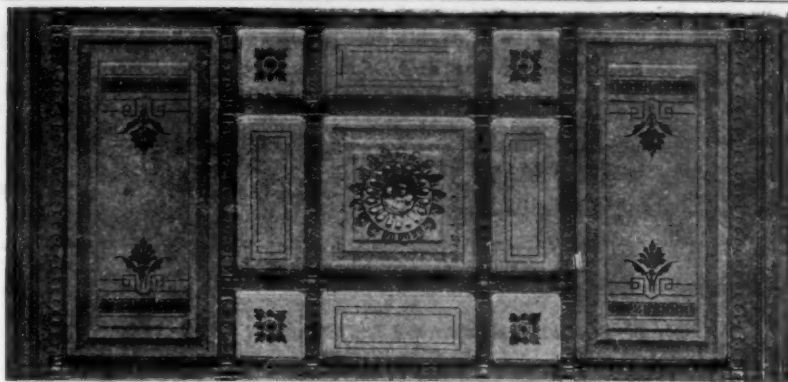
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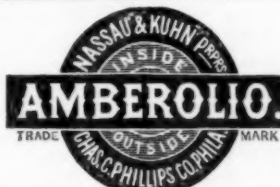
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The most reliable and economical article in the market for the purpose. GREAT TENSILE STRENGTH Does not corrode; does not lose its vitality by continuous use, or exposure to the elements; runs over any pulley, and gives satisfaction wherever it is used. Fixtures made of steel wire, is very simple and easily applied. 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 buildings 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

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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 manufactured 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.

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Western Union Wire and Telephone connection in General Office at Creighton, Pa.

E. L. FORD, Sec.

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.....
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 posts.....

Finishing Woods: P. M. (First Qual.)

Ash.....
Butternut.....
Hard-pine floors (rifts).....
Mahogany, Baywood (Mexican).....
" St. Domingo.....
Maple.....
Oak, red.....
" white.....
" quartered.....
Sycamore quartered.....
Pine, clear.....
Redwood.....
Rosewood..... P. ft.....
Spruce floors (clear, kiln-dried).....
Walnut, black.....
Whitewood.....
Yellow pine..... P. M.....

New York.

(Wholesale Prices.)

Boards: (Ordinary dimensions.)

Pine, 1st quality, clear.....
" 2d quality.....
" 3d quality.....
Spruce.....
Hemlock.....
Yellow pine.....
Cypress.....

Clapboards:

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Spruce.....
Framing Timber:
Pine.....
Spruce.....
Hemlock.....
Yellow pine.....

Laths:

Pine.....
Spruce.....

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Rosewood..... P. ft.....
Spruce floors (clear, kiln-dried).....
Walnut, black.....
Whitewood.....
Yellow pine..... P. M.....

Boston.

(Wholesale Prices.)

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.....
Cedar split..... P. M.....
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Rosewood..... P. ft.....
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Walnut, black.....
Whitewood.....
Yellow pine..... P. M.....

Chicago.

(Prices to Builders and Contractors.)

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:

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Pine, sawed.....
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Spruce floors (clear, kiln-dried).....
Walnut, black.....
Whitewood.....
Yellow pine..... P. M.....

Philadelphia.

(Prices to Builders and Contractors.)

Boards: (Ordinary dimensions.)

Pine, 1st quality, clear.....
" 2d quality.....
" 3d quality.....
Spruce.....
Hemlock.....
Yellow pine.....
Cypress.....

Clapboards:

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Spruce.....
Framing Timber:
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Spruce.....
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Yellow pine.....

Laths:

Pine.....
Spruce.....

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Spruce floors (clear, kiln-dried).....
Walnut, black.....
Whitewood.....
Yellow pine..... P. M.....

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EDISON BUILDING,

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"The Ideal Drill."

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ABSOLUTELY

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New England District, 25 Otis St., Boston, Mass.
Pacific Coast District, 112 Bush Street, San Francisco, Cal.
Pacific North West District, Fleischner Building, Portland, Ore.
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DOUBLE TWIST WARP
STIFFENED (Iron furred)
CLINTON CORRUGATED

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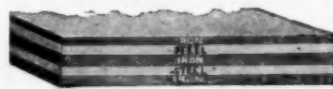
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Welded Chrome Steel and Iron. (5 ply)



FOR SAFES, VAULTS, JAILS, ETC.

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Sawed, or Drilled,

CHROME STEEL WORKS,
BROOKLYN, N. Y.

Our TRADE MARK is stamped on all genuine Chrome Steel. We caution purchasers to avoid imitations. We are the sole manufacturers in the United States of Chrome Steel Combination Plates.

S. H. KOHN, Pres. C. P. HAUGHIAN, Vice-Pres. J. G. DUNSCOMB, Sec.

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 afloat.	2 00 @ 2 50	Eastern {	Building Brick	Sq. Hard @ 9 00
Pale.....	4 00 @ 4 75	9 00 @ 10 00 }	@ 6 50	@ 7 00
Jersey.....	@	Bay State Hard		Salmon @ 5 00
Long Island.....	4 00 @ 5 00	8 00 @ 9 00		Sq. " @ 9 00
Up River.....	5 00 @ 5 25	Domestic Com.	Indiana Pressed	Light Stretchers @ 10 00
Haverstraw Bay 2d.....	5 25 @ 5 50	9 50 @ 10 00	14 00 @ 20 00	
" 1st.....	@ 13 00	Domestic Face	St. Louis Fronts	Medium " @ 12 00
Hollow.....	@ 13 00	20 00 @ 22 00	@ 27 00	Red " @ 13 00
Fronts:		Philadelphia {		Dark " @ 13 00
Croton, Brown.....	@ 13 00	40 00 @ 45 00 }		Pressed 18 00 @ 20 00
" dark.....	@ 14 00	40 00 @ 45 00 }		Best Paving @ 14 00
" red.....	@ 14 00	Phila. mould {		Second " @ 13 00
Chicago pressed (Anderson).....		50 00 @ 80 00 }	15 00 @ 27 00	Third " @ 12 00
" Moulded.....			65 00 @ 350 00	Dom. { @ 65
Baltimore.....	37 00 @ 41 00	Anderson	@ 55 00	@ 85
Philadelphia.....	23 00 @ 24 00	14 00 @ 32 00	45 00 @ 50 00	
Trenton.....	22 00 @ 23 00		45 00 @	
Milwaukee.....			25 00 @	
Moulded:			60 00 @ 100 00	
Glens Falls Red Pressed.....	@ 37 00		30 @	
" Buff.....	@ 30 00		35 @	
" Moulded Red & Buff	45 00 @ 70 00		55 00 @ 65 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. cask.)				
Rosendale Cement.....	90 @ 1 00	1 20 @ 1 40	Not sold.	1 30 @ 1 50
Louisville.....	2 50 @ 3 00	Brooks, S. & Co.	1 05 @ 1 30	BS&Co 2 75 @ 3 00
Utica, Akron, Buffalo, Milw'kee.	Not sold.	2 60 @ 3 00	1 00 @ 1 25	2 85 @ 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
" Black Cross.....	2 25 @ 2 50	2 60 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" (Burnham).....	2 70 @ 2 80	2 60 @ 3 00	2 90 @ 3 15	2 75 @ 2 85
" (White's).....	2 65 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	
" French (Lafarge).....	3 00 @ 3 75	3 00 @ 3 50	3 75 @ 4 25	
" German (Alsen).....	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	Hemmoor 2 50 @ 2 75
" (Fewer).....	2 25 @ 2 40	3 15 @ 3 35	3 20 @ 3 40	2 75 @ 2 85
" (Vorwohler).....	2 50 @ 2 90		@	
" (Lagerdofen).....	@	2 55 @ 3 00	2 75 @ 3 00	Jooson 2 60 @ 2 75
" (Dyckerhoff).....	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	3 00 @ 3 25
" (Hanover).....	2 50 @ 3 00		Not sold.	2 75 @ 2 85
" Stettin (Anchor).....	2 35 @ 2 85		Not sold.	
" American (Saylor's).....	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	2 70 @ 3 00
Roman.....	2 75 @ 3 00	@ 3 00	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse.....	5 75 @ 6 50	@ 6 00	6 00 @ 7 00	6 50 @ 7 00
" superfine.....	9 25 @ 10 25	@ 11 00	9 00 @ 10 50	8 00 @ 9 00
Lime:				
Lime of Tell.....	3 50 @ 4 00	@ 1 35	Not sold.	White Lime P bush 25 @ 30
Hydraulic Lime.....	@ 1 45	St. John 1 00	55 @	{ White Mash 1 25 @ 1 50
Chicago Lime in bulk.....		@ 1 05	60 @	1 00 @ 1 00
Wisconsin Lime.....	@ 1 00	@ 1 10	Not sold.	
Rockland and Rockport, (Com.).....	@ 1 00	@ 1 20	Not sold.	
Rockland and Rockport, finish.....	@ 1 20		Not sold.	
Keiley Island Lime, finish.....	@ 90		Not sold.	
State, com. cargo rates (nom.).....	@ 1 05		Not sold.	
State, finishing.....	1 20 @ 1 25	1 85 @ 2 60	1 85 @ 1 90	Not sold.
Plaster of Paris (calcined).....	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	Not sold.
" (casting).....	16 @ 18	25 @ 30	20 @ 25	1 50 @ 2 25
Hair (Cattle) P bush.....	20 @ 22	@ 30	30 @ 35	1 75 @ 2 50
" (Goat).....	1 00 @ 1 25	1 75 @ 1 90	@ 60	20 @ 25
Sand, P load.....				30 @ 35
STONE: (P cubic foot, rough.)				@ 1 50
Granite: (Maine)				
Limestone:				
Bedford.....	45 @ 1 25	95 @ 1 00	50 @	55 @ 65
Joliet.....	@ 1 00		35 @ 55	75 @ 90
Lemont.....	@		35 @ 60	Richmond 75 @ 1 50
Serpentine.....	@	10 50 per ton	@ 1 00	P Perch @ 4 50



GLOBE VENTILATORS & CHIMNEY CAPS.

Public and Private Buildings and Railroad Cars
Perfectly Ventilated. Smoky Chimneys Cured.
Stationary, Ornamental, Noiseless, Storm-
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ADDRESS THE EDITORS OF THE AMERICAN ARCHITECT

BUILDING MATERIALS.	New York.	Boston.	Chicago.	Philadelphia.
(Wholesale Prices.) (Prices to Builders and Contractors.)				
Mortar Colors.				
Black, brown, buff P lb.	@ 24	@	@	@
Colorite P lb.	@ 24	@	@	@
Red P lb.	@ 3	@	@	@
White P bbl.	@ 1 75	@	@	@
Foundation:				
Dimension.	@	5 00 P ton.	20 @	@ 5 00
Block.	@	4 60 P perch.	@	Conshocken
Rubble.	@	1 25 @ 1 50	8 50 @	1 45 @ 2 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	80 @ 90	@	@ 95 @ 1 16
Kibbe.	@ 90	90 @ 1 10	@	1 05 @ 1 35
Brown (Connecticut).	1 00 @	1 25 @ 1 45	1 50 P cub. ft.	@ 55 @ 1 00
Amherst.	90 @ 95	90 @ 1 00	45 @ 50	
Berea Ohio.	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 00
Caen.	@	@ 2 00	@	1 00 @ 1 00
Carlisle, English.	@ 1 05	@ 1 05	@	1 25 @ 1 00
Corse Hill (Scotch).	@ 1 05	@ 1 05	@	95 @ 1 00
Marble: (P 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.	3 50 @ 4 50
Italian, blue-veined.	@	@	@ 4 40	4 00 @ 4 50
" Sienna.	@	@	Not Sold.	2 50 @ 2 75
Tennessee, red.	@	@	@ 4 40	@ 5 00
" Knoxville.	@	@	@ 4 40	4 00 @ 6 00
Pennsylvania, blue.	@	@	Not Sold.	3 00 @ 4 00
Vermont, white.	@	@	3 50 @ 6 00	2 00 @ 3 00
Slate: 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.	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
black, Lehigh.	4 25 @ 4 75	@	6 25 @ 6 85	1 25 @ 4 00
" Chapmans.	@	@	7 30 @ 8 00	4 00 @ 4 65
" Unfading black, Monson, Me.	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am. P M.	@	@	Not Sold.	@ 25 00
N. Peach Bottom, warranted unfading.	@	@	@	6 00 @ 6 75
PAINTS. (In Oil P lb.)				
White lead, Am.	7 @ 7 1/2	7 1/2 @ 7 1/2	6 1/2 @ 7	@ 7 1/2
" zinc.	5 @ 8	@ 8	7 @ 10 1/2	@ 7
Red lead, Am.	6 1/2 @ 7	7 1/2 @ 7 1/2	6 1/2 @ 7	@ 7 1/2
" Venetian.	6 @ 10 1/2	7 @ 12	1 1/2 @ 2	dry Eng. @ 7
" Vermillion.	65 @ 70	75 @ 80 dry	65 @ 68	Eng. @ 7 1/2
" Indian, Eng.	12 @ 20	12 @ 20	12 @ 20	dry Am. @ 1 1/2
Yellow Ochre.	6 @ 15	7 @ 12	3 @ 15	@ 21
" Chrome.	12 @ 20	18 @ 20	15 @ 25	" 15 @ 20
Green (chrome).	8 @ 13	8 @ 20	8 @ 20	@ 12
Green, Paris.	25 @ 40	25 @ 40	18 @ 35	@ 24
Black, lamp.	15 @ 25	15 @ 25	8 @ 30	@ 60
Blue, ultramarine.	12 @ 18	18 @ 30	12 @ 35	@ 63
Oil, linseed, (raw).	55 @ 62	38 @ 39	57 @ 60	@ 44
" boiled.	58 @ 65	41 @ 42	60 @ 63	@ 44
Turpentine.	36 @ 37	40 @ 41	51 @ 51 1/2	125 @ 3 00
Varnish, coach.	@	1 50 @ 6 00	1 25 @ 2 00	150 @ 3 00
Shellac.	@	2 50 @ 3 00	2 25 @ 4 00	@ 2 1/2
Putty.	2 @	2 @ 4	2 @ 2 1/2	@ 1
Whiting.	75 @ 1 00	1 @ 1 1/2	1 @ 1 1/2	@ 1
Paris white, (Eng.).	1 30 @ 2 00	2 @ 3	1 @ 2	@ 2 1/2
Litharge, Am.	5 1/2 @ 6	@ 7 1/2	6 @ 7	@ 4
Sienna (burnt).	14 @ 20	14 @ 20	4 @ 16	@ 4
Umber.	14 @ 20	14 @ 20	4 @ 16	@ 13
HARDWARE.				
Nails: (Per Cask.) Spikes, (wrought.)	@ 2 85	@	2 75 @ 3 00	per keg @ 2 25
10d. common.	@ 2 60	@ 2 15	@ 2 35	@ 2 30
Shingle.	@ 3 35	@ 2 55	@ 2 75	@ 2 60
Lath.	@ 4 85	@ 3 45	@ 3 65	3 60 @ 4 75
(Finishing nails according to size.)	@	@	Add .85 to \$1.15	per lb 4 @ 6
(For casing nails add 75 c. per keg.)	@	@	50 to .50	Add per 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. (P pair.)	@ 65	@ 50	Not Sold.	48 @ 50
Bronze metal.	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Brass (for cupboards.)	@ 10	@ 10	@ 12	@ 1 00
Ebony.	@	@	@	@ 35
Apple wood.	@	@	@	37 @ 1 00
Knobs: (P set.)				
Mineral, best.	@ 8	@ 8	8 @ 10	@ 08
Lava.	@ 50	@ 75	65 @ 80	Not Sold.
Hemacite.	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	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.	@	@ 7 1/2	@ 7	13 1/2 @ 16
Lead Pipe.	@	@	@ 6 1/2	@ 6 1/2
Iron:				
I-Beams, up to and including 36 ft.	3 3-10 @ 3 1/2	@ 3 1-10	@	@ 28-10
I-Beams, over 30 ft. 1/2, 1/2 c. advance.	@	@	3 20 @ 3 70	@ 28-10
Channel-Beams.	3 3-10 @ 3 1/2	@ 3 1-10	3 20 @ 3 70	@ 28-10

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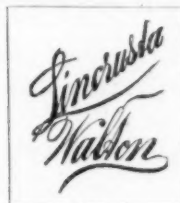
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Twenty-three Plates, of which one is

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Which is made in Beautiful and Artistic Designs, capable of receiving any desired decoration. Being absolutely non-absorbent it is the most Sanitary Wall Covering known. It is practically indestructible, being uninfluenced by heat, cold or moisture. Over 300 designs. Prices greatly reduced. Builders will find that the objections formerly made by some architects have been avoided. It is the cheapest and most serviceable material to be obtained for Wainscoting use, etc.

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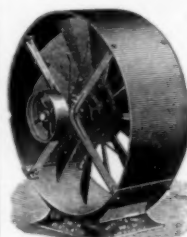
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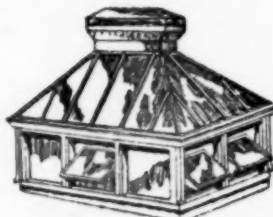
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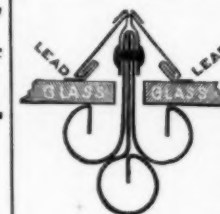
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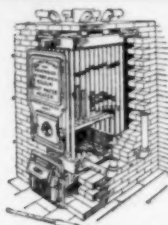
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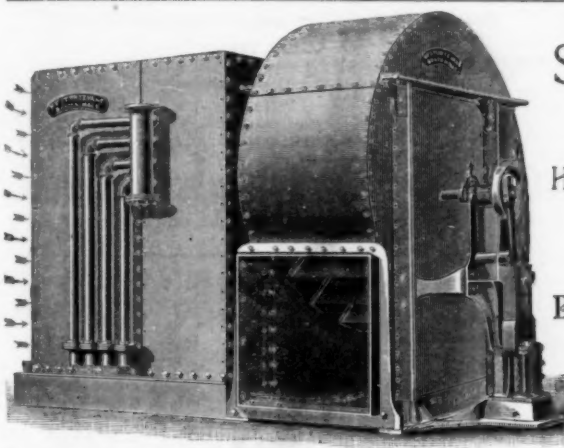
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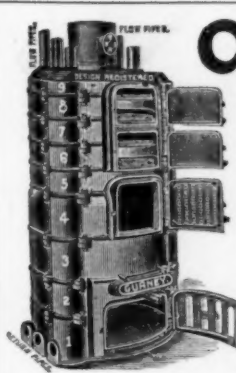
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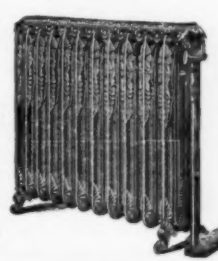


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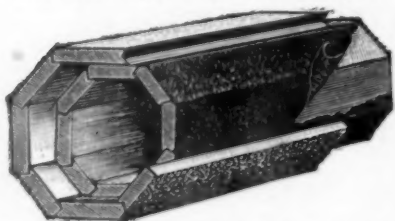
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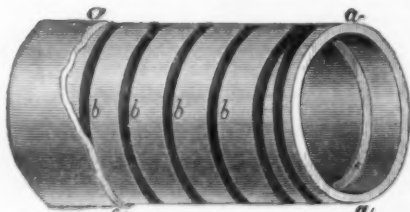
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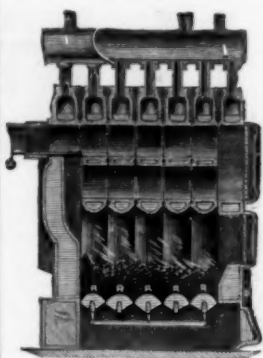
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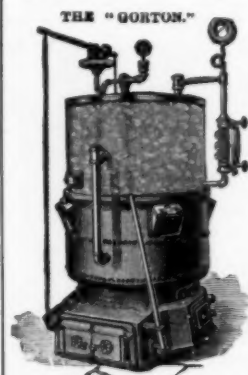
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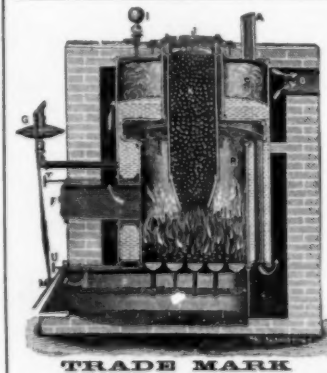
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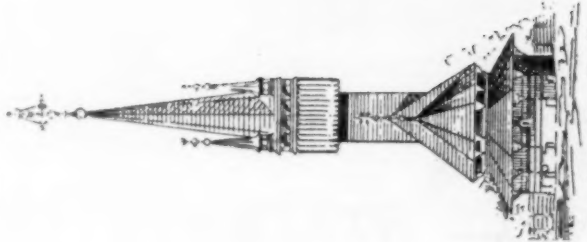


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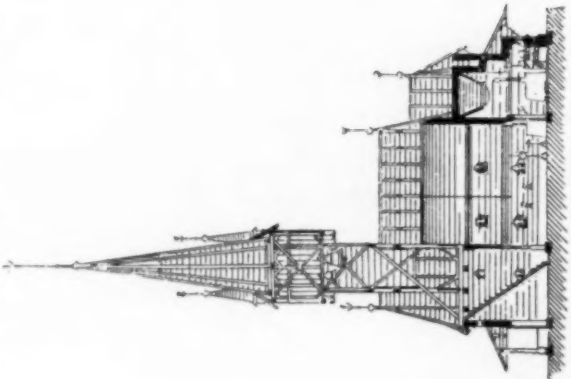
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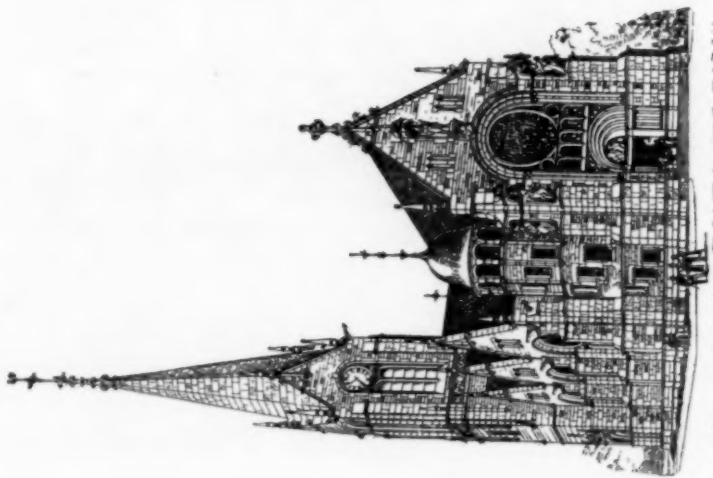
Church at Tychau, Moravia.



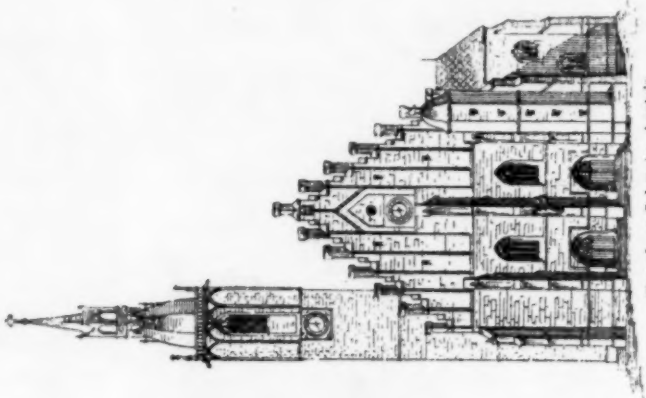
Church at Szinyer Varalja, Hungary.



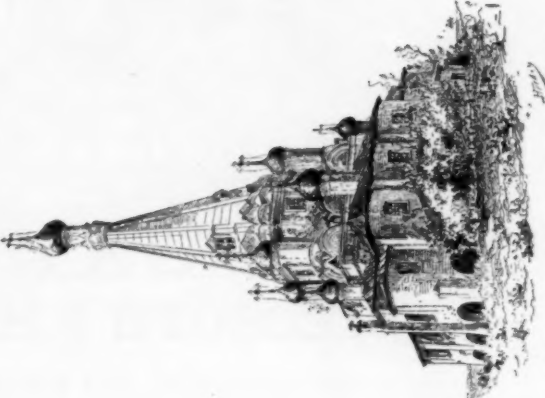
Church at Vorismet.



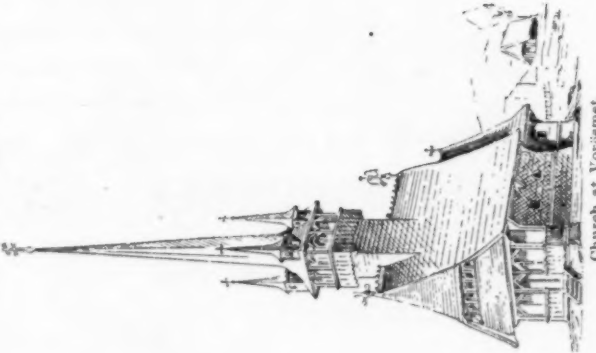
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Cathedral of Basil the Happy, near Moscow.



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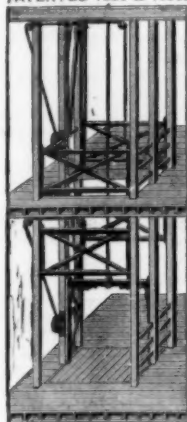
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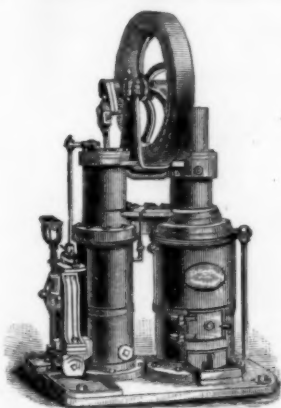


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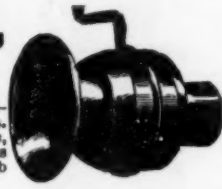


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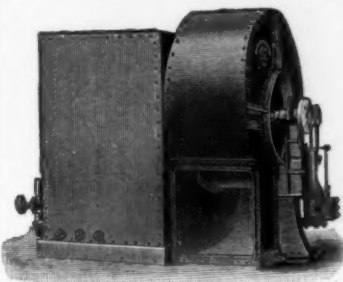
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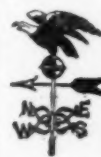
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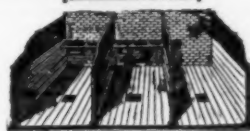
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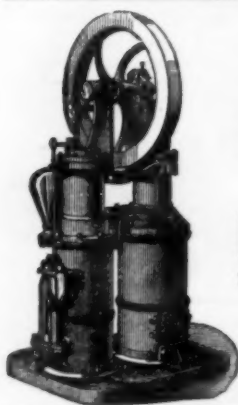
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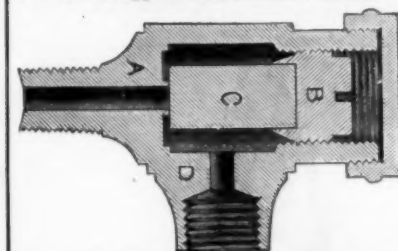
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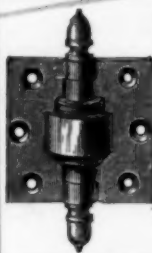
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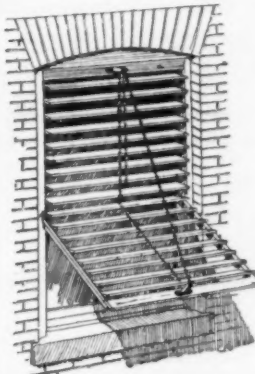
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BUILDING INTELLIGENCE.

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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.—*Chestnut St.*, No. 25, Ward 9, increase height of dwell. and school; owner, Mrs. H. E. Hersey; builders, Cressey & Noyes.

Boylston St., No. 278, Ward 11, remodelling of brick dwell. for offices, etc.; owner, A. L. Gilman; builders, Page & Littlefield.

Boylston St., old No. 108, Ward 11, alterations to brick dwell. for store; owner, John Stetson; builder, J. H. Thompson.

Columbus Ave., Nos. 350-352, alterations to brick and stone dwell.; owner, Mr. Bailey; contracts to be let; architects, Loring & Phipps.

Chicago, Ill.—*G. H. Blackburn*, three-sty addition, 419 Thirty-fourth St.; cost, \$3,000.

Thomas M. Gonitz, one-sty addition, 68 Henry St.; cost, \$2,800.

Grand Rapids, Mich.—*Monroe St.*, four-sty brick and stone office-building, bay-window and other alterations; cost, \$6,000; owner, Mrs. M. V. Aldrich; architect, W. G. Robinson.

Jonas St., six-sty brick and stone addition to Morton House; cost, \$30,000; owner, A. V. Pantlind; architect, W. G. Robinson.

Ontario St., two-sty brick and stone addition to Peninsular Club-house; cost, \$6,000; architect, S. J. Osgood.

Jamaica Plain, Mass.—*Walnut Ave.*, additions to dwell.; for J. B. Fallon; contract to be let; architects, Loring & Phipps, Boston.

Malden, Mass.—Addition to the Kernwood Club-house; contract to be let; architects, Loring & Phipps, Boston.

Minneapolis, Minn.—*W. Harrison*, remodelling dwell., cor. First Ave., s, and Eleventh St.; cost, \$5,000.

New York, N. Y.—*Third Ave.*, four-sty brick tenement, extension and internal alterations; cost, \$4,000; owner, M. Greenbaum, 236 East Thirty-eighth St.; architect, Ferdinand Prochazka, 15 East Twelfth St.

Delancey St., No. 252, four-sty brick tenement, internal alterations; cost, \$3,000; owner, H. M. Kaplan, 252 Delancey St.; architect, Charles Rentz, 153 Fourth Ave.

Third Ave., s e cor. Seventy-fourth St., five-sty brick tenement, internal alterations; cost, \$4,800; owner, Philip J. Curry, 216 East Seventy-third St.; architects, Schneider & Herter, 48 Bible House.

West Twenty-third St., No. 40, four-sty brick dwell., passenger elevator and other changes; cost, \$3,000; owner, Wm. C. Sehermerhorn, 49 West Twenty-third St.; architect, H. J. Hardenburgh, 10 West Twenty-third St.

East Thirty-seventh St., No. 308, three-sty brick rectory dwell., one-sty addition; cost, \$6,000; owner, St. Gabriel Catholic Church, 308 East Thirty-seventh St.; architect, T. H. Poole, 246 Fifth Ave.

East Seventy-eighth St., No. 48, four-sty brick dwell., extension; cost, \$3,500; owner, Maria S. Gibbs, 157 Clinton St., Brooklyn; architect, Washington Hall, 105 Berkeley Pl.

Boulevard, Sixty-seventh and Sixty-eighth Sts. and Columbus Ave., three-sty brick armory, new galleries and internal changes; cost, \$3,000; owner, City of New York; architect, John Guy, 239 Seventh St.

Eleventh Ave., Amsterdam Ave. and One Hundred and Seventy-sixth to One Hundred and Seventy-eighth St., four and five-sty brick asylum building, extension; cost, \$5,000; owners, Board of Directors New York Juvenile Asylum, One Hundred and Seventy-sixth St. and Tenth Ave.; architect, J. D. Clark, 276 Water St.

East Fifth St., near Madison Ave., Cathedral Parish School to be raised one story; cost, \$17,000; architect, Lawrence J. O'Connor.

East Seventy-fifth St., No. 13, building to be remodelled on the first and second stories; cost, \$5,000; owner, Mrs. T. P. Eldridge; architects, Wood & Palmer.

One Hundred and Thirty-first St., w Amsterdam Ave., three-sty fireproof extension to the Manhattan Hospital; cost, \$30,000; architects, Buchman & Deisler.

East Thirty-fourth St., No. 400, four-sty brick dwell., tin roof, extension and internal changes; cost, \$3,000; owner, Edward L. Keyes, 1 Park Ave.; architects, Thorp & Knowles, 21 West Twenty-fourth St.

East Fourteenth St., No. 105, three-sty brick dwell., repaired where damaged by fire; owner, John Cropper, 29 West Seventeenth St.; architect, John D. Miner, 53 Fulton St.

East Seventy-fifth St., No. 13, four-sty brick dwell., internal alterations; cost, \$5,000; owner, Mrs. T. P. Eldridge, 5 East Forty-third St.; architects, Wood & Palmer, 63 William St.

Madison Ave., No. 532, four-sty brick dwell., brick and stone extension; cost, \$4,000; owner, Washington E. Connor, 532 Madison Ave.; architects, D. & J. Jardine, 1262 Broadway.

Madison St., No. 222, three-sty brick dwell., to be raised and an extension added; cost, \$6,500; owner, Rebecca Abrahams, 232 Madison St.; architects, George Vassar & Co., 131-133 Monroe St.

Madison Ave., n w cor. Forty-fifth St., four-sty brick dwell., extension; cost, \$5,000; owner, Eliza A. Harris, Madison Ave. and Forty-fifth St.; architect, Wm. H. Smith, Nyaek, N. Y.

East Thirty-fourth St., No. 52, five-sty brick dwell., internal alterations; cost, \$3,000; owner,

Edith L. Dyer, 23 West Eleventh St.; architect and builder, William Watts, 170 West Ninety-eighth St. *West Twenty-seventh St.*, Nos. 440-444, four-sty brick tenement, internal alterations; cost, \$3,000; owner, Patrick Fay, 440-442 West Twenty-seventh St.; builder, Jacob A. Felter, 428 West Twenty-fifth St.

Greenwich St., Nos. 230-243, four-sty brick factory, repaired where damaged by fire; cost, \$3,000; owner, Wm. Henry Hall, 61 West Fifty-sixth St.; architects, J. W. Clark & Co., 119 Worth St.

One Hundred and Twenty-sixth St., s w cor. Third Ave., three-sty brick factory, extension and internal alterations; cost, \$10,000; owners, W. T. & Jas. H. Purdy, 105 East One Hundred and Twenty-third St. and 40 East One Hundred and Twenty-sixth St.; architect, Carl A. Muller, Jr., 142 Willis Ave.

Eighth Ave., e s, 25 s One Hundred and Thirty-seventh St., five-sty brick tenement, internal alterations; cost, \$8,000; owner, Ferdinand Fish, 149 Broadway; architect, Julius Mizkowitz, 248 West One Hundred and Twenty-fifth St.

Third Ave., n e cor. Seventy-fourth St., five-sty brick tenement, internal alterations; cost, \$4,800; owner, Philip J. Curry, 216 East Seventy-third St.; architects, Schneider & Herter, 48 Bible House.

Madison Ave., Nos. 91-93, four-sty brick hospital, extension and internal changes; cost, \$3,500; owner, Thomas A. Emmet, 89 Madison Ave.; architects, A. B. Ogden & Son, 1031 Madison Ave.

Thirty-ninth St., n w cor. Broadway, seven-sty brick theatre and bank-building, internal alterations; cost, \$5,000; owners, Metropolitan Opera House Co., lessee, 24 East Forty-first St.; architects, McKim, Mead & White, 1 West Twentieth St.

Broadway, s w cor. Twenty-second St., six-sty brick store-building, internal alterations; cost, \$10,000; owner, Mortimer estate, 31 West Thirty-fourth St.; architect, F. L. Ellingworth, 57 Broadway.

Philadelphia, Pa.—*Knox St.*, No. 2521, alterations; owner, Wm. Foster.

Locust St., w Twelfth St., alteration; contractor, Wm. Murphy.

Lancaster Ave., w Forty-sixth St., addition; owner, Fred Darling.

Main St., s Green St., alteration; contractor, W. H. Yelland.

Maiden St., No. 193, addition; owner, Annie Miller.

Park Ave., No. 2046, addition; contractor, Joseph R. Brown.

Point Breeze Ave., No. 1210, addition; contractor, John McConaghy.

Passyunk Ave., Nos. 729-731, alterations; contractors, Beck & Conly.

Thirty-first St. and Girard Ave., alterations; contractor, Philip Halbach.

New St., e Third St., alterations; contractor, Philip Halbach.

Twenty-third St., s Bainbridge St., addition; owner, G. L. Harvey.

Fenango St., w Seventeenth St., addition; owner, W. P. Brown.

Bridge St., No. 2915, addition; owner, George Kingman.

North Eighth St., No. 238, addition; contractor, Thomas M. Seeds, Jr.

Fairmount Ave. and Fifty-fifth St., addition; owner, W. Haubert.

Lee St., No. 1817, addition; owner, Jacob Lang.

Thirty-fourth St., No. 70, addition; owner, T. Gorham.

North Twenty-first St., No. 1721, addition; contractor, A. A. Campbell.

Uber St., No. 1941, addition; owner, W. R. Bradford.

Waterloo St., Nos. 2651-53, addition; contractor, W. M. Willoughby.

Front St., n Diamond St., addition; contractor, D. C. Schuler.

Marshall St., n w cor. Callowhill St., addition; contractor, W. W. Bozarth.

North Ninth St., No. 1933, alteration; contractor, H. K. Clark.

Pine St., No. 323, addition; contractors, Doyle & Doak.

Race St., No. 1324, addition; contractor, Ambrose Thompson.

South St., No. 941, addition; contractor, J. H. Heiser.

North Twenty-second St., No. 756, addition; contractors, Donohue & Gaffney.

Walnut St., No. 1214, addition; contractor, W. P. Buzby.

North Broad St., No. 1333, addition; contractors, Rush J. Whitesides & Sons.

East Cumberland St., No. 1936, addition; owner, F. P. Buckley.

Federal St., No. 1224, addition; owner, Francis McNamee.

Follet St., No. 4715, addition; owner, M. Ryder.

Federal St., No. 1611, addition; contractors, Du Ross & Welsh.

Locust St., No. 1606, addition; contractors, John C. Kelly & Son.

Second St., n e cor. Germantown Ave., addition; contractor, D. C. Schuler.

South Twelfth St., No. 405, addition; contractor, John L. Payne.

North Twentieth St., No. 205, addition; contractor, Jacob R. Jordan.

South Broad St., No. 910, addition; contractor, John O'Donnell.

Lancaster Ave., s e cor. Forty-fourth St., alteration; contractors, Chas. Smith & Son.

North Forty-third St., No. 644, alterations; contractors, Chas. Smith & Son.

Spruce St., No. 1135, addition; contractor, S. McClellan.

North Thirtieth St., No. 305, alterations, owner, C. W. Goger.

Arch St., No. 1708, addition; contractor, Charles Lippincott.

Evergreen St., w Twentieth St., alterations; owner, Nathaniel Kennedy.

Chestnut St., No. 2039, alteration; owner, W. H. Smith.

Columbia Ave., No. 2124, alteration; owner, Owen Montanay.

Jefferson St., s e cor. Wakefield St., addition; contractor, H. A. Buzby.

Mulberry St., s Harrison St., addition; owner, Alfred Gray.

Twenty-second St. and Montgomery Ave., addition; contractor, Wm. Montgomery.

Warlock St., No. 1425, addition; owner, Joseph Adams.

Arizona St., No. 914, addition; owner, James Dailey.

Arch St., No. 1103, alteration; owner, Louis Raffetto.

Buttwood St., No. 803, addition; owner, Arthur Hindle.

North Broad St., No. 1606, addition; owner, Hans Luckings.

Lancaster Ave. and Erdick St., addition; owner, William Terry.

Front St., n Norris St., addition; contractor, Jos. McNutt.

South Fifteenth St., No. 222, addition; contractors, D. M. Nuneviller & Son.

North Fifteenth St., No. 1626, addition; owner, T. M. Davis.

Lawrence and Newmarket Sts., alterations; owner, Christian Wenz.

Park and Montgomery Aves., addition; owner, F. G. English.

Twentieth and Tower Sts., addition; contractors, B. Ketchum & Sons.

Eleventh St., s w cor. Bainbridge St., addition; contractor, J. F. Lamb.

Melon St., No. 1235, addition; owner, C. G. M. Mullin.

East Montgomery Ave., No. 1319, addition; owners, James Macaulay & Sons.

Reed St., No. 833, addition; contractor, John A. Dove.

Walker St., e Tull St., addition; owner, James Dervine.

Fine St., No. 1415, addition; contractor, R. M. Green.

Leerington St., n s, w Selig St., addition; contractor, Henry C. Hay.

Market St., s s, e Fifty-seventh St., alteration; contractor, James Arthur.

Main St., above Green Lane, addition; contractor, W. F. Raynor.

Norris St., No. 2401, additions; owner, Trupert Ortleib.

Pine St., No. 1524, addition; contractors, A. H. Williams & Sons.

Moore and Ash Sts., addition; owners, Baugh & Sons.

North Tenth St., No. 1104, addition; contractor, John McCarty.

South Forty-second St., No. 508, alterations; contractors, A. J. Mosely & Sons.

Clements St., s Carpenter St., addition; contractor, William Christy.

Eleventh St., s w cor. Filbert St., alterations; contractor, James Bird.

Fifty-third St. and Wyalusing Ave., addition; contractor, John Maginnis.

Thirtieth St., s w cor. Kates St., addition; contractor, Joseph Darragh.

Hamilton St., No. 3301, addition; contractors, Garden & Warner.

Jefferson St., e Germantown Ave., addition; owner, W. J. Phillips.

Hamilton St., w Thirty-fifth St., addition; owner, Wm. Buch, Jr.

Harvey St., No. 51, addition; contractor, A. M. Green.

Sansom St., No. 810, alteration; contractor, F. L. Hoover.

South St., No. 2022, addition; owner, Solomon Chorley.

Uber St., No. 1949, addition; owner, Elizabeth Clinch.

Woodland Ave., No. 3330, addition; owner, G. G. Dawson.

Wallace St., No. 2028, alteration; contractor, C. M. Lam.

Wallace St., No. 2004, addition; owner, John England.

Beach St., No. 982, addition; contractor, Thomas Echert.

Brinton St., No. 1228, addition; contractor, Hugh Fergusson.

Bainbridge St., No. 1325, addition; contractor, C. H. Main.

North Fifteenth St., No. 1618, addition; contractor, C. C. Haines.

Front St., No. 2116, addition; contractor, W. E. Buckley.

Ninth and Arizona Sts., addition; contractor, H. G. Schultz.

Sydenham St., No. 1636, addition; owner, C. D. Hill.

Thompson St., No. 5410, addition; owner, Robert Conston.

Thompson St., e Twentieth St., addition; contractor, F. A. Waschow.

South Twelfth St., No. 312, addition; contractor, Andrew Rankin.

Walnut Lane and Wayne St., addition; contractor, W. J. Grubler.

Allen St., No. 165, repairs; owners, Mowbray Bros.

South Thirtieth St., No. 5, addition; owners, Martin & Cummings.

Philadelphia St., No. 2237, addition; contractor, John Stafford.

Pine St., No. 736, addition; contractor, Joseph Price.

Eighteenth St., s e cor. Spring Garden St., addition; contractor, Lewis Havens.

Pine St., w Sixth St., addition; contractor, G. W. Steinmetz.

Senate St., e Second St., addition; owner, M. Hagarty.

Thirty-first and Thompson Sts., addition and wagon-house; owner, Philip Halbach.

Master St., No. 2928, addition; owner, Charles Kenneck.

South Seventh St., Nos. 8-10, addition; contractor, C. W. Denny.

South Eleventh St., No. 211, alterations; owner, Porter Thompson.

East Indiana Ave., No. 543, alteration; owner, J. H. Fleckenstein.

Latimer St., w Fifteenth St., addition; contractor, George W. Gallagher.

Marshall St., No. 1728, addition; owner, S. La Croit.

Spring Garden St., No. 2316, addition; owner, Andrew Moore.

Lancaster Ave., e Thirty-eighth St., alteration; contractor, F. H. Vogdes.

Hamilton St., No. 3309, alteration; contractor, F. H. Vogdes.

Reed St., No. 416, alteration; contractor, Thomas McCarty.

Sixteenth St., n e cor. Ontario St., alteration; contractor, J. K. Price.

South Twentieth St., No. 1424, addition; owner, Hugh Trainey.

Walnut St., w Adam St., alteration; contractor, Thomas W. Wright.

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Hurree St., w Green St., alteration; contractor, Thomas W. Wright.
Chelton Ave., w Germantown Ave., transept to church; contractor, Thomas W. Wright.
Christian St., e Twenty-second St., addition; contractor, James W. Hare.
Chadwick St., No. 1340, addition; contractor, W. H. Haven.
Davis St., No. 27, addition; contractors, McLaughlin & McNamara.
North Fifth St., No. 827, addition; owner, R. B. Clark.
Locust St., w Twelfth St., addition; contractor, William Murphy.
Master St., w Fifty-third St., addition; contractor, T. H. Burrows.
Melon St., No. 1233, addition; contractor, C. G. McMullin.
Richmond St., No. 3027, addition; contractor, Thomas Gannon.
South Second St., No. 237, addition; contractors, McLaughlin & McNamara.
Thirty-fourth St., s e cor. Market St., alterations; contractor, Charles McCaul.
Christian St., No. 1707, alteration; contractor, Andrew Shearer.
Fifth St., s w cor. Minor St., addition; contractor, John Duncan.
Howard St., below Dauphin St., addition; owner, Edmond Malloy.
North Seventh St., No. 639, addition; contractor, Edward J. Thompson.
State Road, No. 7201, addition; owner, William Lipping.
St. Louis, Mo.—Alter four-st'y brick office-building; cost, \$6,000; owner, S. L. Cohen; contractor, C. M. Smiley.
Repair brick store; cost, \$6,000; owner, Wayman Crow; contractors, Kennedy & Mathias.

APARTMENT-HOUSES.

Boston, Mass.—*Huntington Ave.*, No. 694, and *Wiglesworth St.*, Ward 22, four-st'y brick apartments, flat roof, 28' x 60'; owner and builder, B. J. Connelly.
Motte St., No. 25, Ward 16, five-st'y brick apartment and store, flat roof, 30' x 34'; owner, C. J. Way; builder, J. G. McCoy.
Brooklyn, N. Y.—*Penn St.*, s s, 110' e Wythe Ave., four-st'y brick apartment-house, tin roof; cost,

BUILDING INTELLIGENCE.

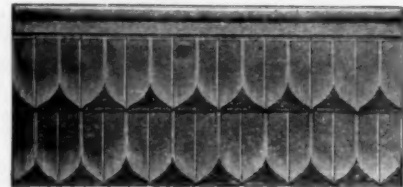
\$5,000; owner, Thomas B. Saddington, 336 Hancock St.; architect, John L. Young, 287 Halsey St.
Chicago, Ill.—Thomas Micholson, three-st'y flats, 244 West Erie St.; cost, \$6,000.
A. E. Case, three-st'y flats, 3747 La Salle St.; cost, \$8,000.
Charles Huechler, three-st'y flats, 779-791 Seminary Ave.; cost, \$10,000.
Thomas Barnes, two-st'y flats, 1289 Eighteenth St.; cost, \$3,000.
E. Bromer, three-st'y flats, 1510 Wrightwood Ave.; cost, \$6,000.
A. B. Wilkinson, two-st'y flats, Seventy-second St. and Wentworth Ave.; cost, \$6,000.
John A. Larson, four-st'y flats, 187 Townsend St.; cost, \$5,000.
Henry Flick, two-st'y flat, 73 Keenan St.; cost, \$3,000.
James Brush, three-st'y flat, 106 Elburn Ave.; cost, \$3,500.
B. & J. Quirk, three-st'y flats, 1076-80 Washington Boulevard; cost, \$21,000.
John Marr, two-st'y flats, 1028 Park Ave.; cost, \$4,000.
John Parent, two-st'y flats, 600 South Ashland Ave.; cost, \$5,500.
Samuel C. Hayes, 5 two-st'y flats, 572-580 Fulton St.; cost, \$20,000.
Charles Friaky, two-st'y flats, Sangemon and Fifty-ninth St.; cost, \$3,000.
Joseph Duplice, 6 three-st'y flats, 409-415 Forty-sixth St.; cost, \$20,000.
A. F. Rusey, three-st'y flats, 38 Sheridan Ave.; cost, \$6,400.
Le Roy Vasey, two-st'y flats, 389 Forty-fourth St.; cost, \$3,700.
Martin Schultz, two-st'y flats, 30 Breslau St.; cost, \$3,000.
Emma Cargton, two-st'y flats, 46 Lexington St.; cost, \$3,400.
Turner & Bond, 2 two-st'y flats, 3007-09 Butler St.; cost, \$6,500.
Henry Beck, 4 two-st'y flats, 92-98 Central Park Ave.; cost, \$8,000.
Thomas M. Coffee, two-st'y flats, 88 Whipple St.; cost, \$3,000.
Gustave Gebel, three-st'y flats, 867 Twentieth St.; cost, \$4,000.
George Gibbons, four-st'y flats, 89 Townsend St.; cost, \$7,000.

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George W. Stevens, 5 two-st'y flats, 21-35 Best Ave.; cost, \$16,000.
John Ebervill, two-st'y flats, 6436-40 Grove Pl.; cost, \$8,000.
Samuel Strolzel, three-st'y flats, 2710 Fifth Ave.; cost, \$4,500.
A. Ross, three-st'y flat, 2708 Fifth Ave.; cost, \$4,500.
Henry Spiering, two-st'y flats, 26 Heine St.; cost, \$3,500.
M. A. Devine, 2 two-st'y flats, 614-616 Sunnyside Ave.; cost, \$11,000.
Mrs. McCarthy, two-st'y flats, 22 North Sacramento Ave.; cost, \$3,500.
John Wies, two-st'y flats, Cedar St. and Wentworth Ave.; cost, \$4,000.
William Stephan, two-st'y flats, 835 Racine Ave.; cost, \$3,000.
John Michelock, two-st'y flats, 828 Attica St.; cost, \$3,000.
Andrew Hanson, four-st'y flats, 94 Townsend St.; cost, \$7,000.
B. Hogenson, 4 three-st'y flats, 258-264 Hoyne Ave.; cost, \$18,000.
Henry Kay, three-st'y flats, 639 Leavitt St.; cost, \$3,800.
Fred Meyer, 2 two-st'y flats, 936-938 Thirty-sixth St.; cost, \$6,000.
Henry Berg, two-st'y flats, 1711 Belmont Ave.; cost, \$4,800.
Mrs. A. T. Baldwin, two-st'y flats, 4400 Sherman St.; cost, \$6,000.
L. E. Boehm, three-st'y flats, 1163 Clark St.; cost, \$4,000.
James P. Schriver, two-st'y flats, 905 Kedzie Ave.; cost, \$4,000.
Fred Szeferied, two-st'y flats, 444 Marshfield Ave.; cost, \$3,500.
Peter Bickling, three-st'y flats, 703 North Campbell Ave.; cost, \$4,000.
Herman Schmidt, two-st'y flats, 4166 Wentworth Ave.; cost, \$3,300.
J. Miles, two-st'y flats, 1400 Jackson St.; cost, \$3,500.
W. M. Dewey, two-st'y flat, 597 Walnut St.; cost, \$4,300.
R. A. Dowling, two-st'y flat, 5336 Dearborn St.; cost, \$3,500.

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New York, N. Y.—Orchard St., Nos. 106-108, 2 five-sty brick, stone and terra-cotta flats; cost, \$35,000; owner, Mrs. E. Hartsfelder; architect, Charles Rentz.

One Hundred and Thirty-fourth St., 200 e Seventh Ave., five-sty brick flats, tin roof; cost, \$15,000; owner, Wm. J. Gilmore, Berry St., Tremont; architect, H. Anderson, 429 West Forty-third St.

Ninety-eighth St., n s, 150 e Eighth Ave., five-sty brick flat, tin roof; cost, \$25,000; owner, Edward S. Kelly, 69 East One Hundredth St.; architect, G. A. Schellinger, 128 Broadway.

Madison Ave., s e cor. One Hundred and Thirty-second St., 5 five-sty brick flats, tin roofs; cost, \$81,000; owner, Frederick Rohrs, 302 East One Hundred and Twenty-sixth St.; architect, Walter C. Hornum, 150 East One Hundred and Twenty-fifth St.

Eighty-eighth St., n s, 100 e Avenue A, 3 five-sty brick flats, tin roofs; cost, \$51,000; owner, Joseph Schreiner, 110 West One Hundred and Twenty-first St.; architect, John Hauser, 1441 Third Ave.

Park Ave., e s, 75 e 81 n One Hundred and Fifty-first St., five-sty brick flat, tin roof; cost, \$18,000; owner, George Schreiner, 104 West One Hundred and Twenty-first St.; architect, John Hauser, 1441 Third Ave.

One Hundred and Fifteenth St., n s, 126 e Park Ave., five-sty brick flat, tin roof; cost, \$20,000; owner, George Schreiner, 104 West One Hundred and Twenty-first St.; architect, John Hauser, 1441 Third Ave.

Ninety-eighth St., n s, 150 e Central Park West, five-sty brick and stone flat; owner, G. A. Kelley; architect, G. A. Schellinger.

Park Ave., n w cor. Ninety-fifth St., and Ninety-fifth St., n s, 100 e Park Ave., 4 five-sty brick and stone flats; total cost, \$100,000; owner, N. J. Reville; architect, Edward Wenz.

Eighty-fourth St., s s, 119 e Avenue B, 2 five-sty brownstone flats; cost, \$41,000; owners, Conlon & Gannon; architect, J. C. Burne.

Willet St., No. 133, five-sty flat and store; cost, \$14,000; owners, Jacobson & Margovitz; architect, Frederick Ebeling.

One Hundred and Forty-second St., s s, 100 e Third Ave., 4 five-sty brick and stone flats; cost, \$64,000; owner, James T. Berry.

Eldridge St., No. 55, five-sty brick flat, tin roof; cost, \$20,000; owner, John V. Campbell, 426 West Twenty-seventh St.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

Ninth Ave., w s, 75 e 3 n Ninety-seventh St., five-sty brick flat, tin roof; cost, \$22,000; owner, Harry Galway, 1675 Second Ave.; architect, Ferd. J. Miller, 2012 Third Ave.

Morris Ave., n w cor. One Hundred and Fifty-second St., four-sty brick flat, tin roof; cost, \$15,000; owner, Francis Habelitz, 309 East Eighth St.; architect, Albert E. Davis, 2533 Third Ave.

West Twenty-first St., No. 331, five-sty brick flat, tin roof; cost, \$20,000; owners, Cummings & Ferguson, 436 West Forty-sixth St. and 719 Eighth Ave.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

Eighty-seventh St., n s, 21 e Avenue B, 4 five-sty brick flats, tin roofs; cost, \$64,000; owners, Feehan & Hammer, 113 Second Ave.; architects, Thom & Wilson, 1267 Broadway.

Downing St., No. 44, five-sty brick flat, tin roof; cost, \$16,000; owner, S. W. B. Smith, 1236 Fulton Ave.; architect, Charles H. Israel, 90 Nassau St.

Seventy-ninth St., s s, 96 e Avenue A, 2 five-sty brick flats, tin roofs; cost, \$22,000; owner, Thomas F. Cooke, 351 East Eighty-seventh St.; architect, John C. Burne, 1531 Third Ave.

Park Ave., n w cor. Ninety-fifth St., five-sty brick flat, tin roof; cost, \$28,000; owner, Nicholas J. Reville, 425 East Sixty-first St.; architect, Edward Wenz, 1491 Third Ave.

Ninety-fifth St., n s, 100 e Park Ave., 3 five-sty brick flats, tin roofs; cost, \$54,000; owner, Nicholas J. Reville, 425 East Sixty-first St.; architect, Edward Wenz, 1491 Third Ave.

Lewis St., No. 25, five-sty brick flat, tin roof; cost, \$23,000; owner, Michael Canforti, 2265 First Ave.; architects, Schneider & Herter, New York Bible House.

Jones St., No. 23, five-sty brick flat, tin roof; cost, \$22,000; owner, Theodore Van Eupen, 307 Bowery; architect, William Graul, 215 Bowery.

Bradford St., Nos. 51-53, 2 five-sty brick flats, tin roofs; cost, \$38,000; owner, Joseph L. Butterweiser, 227 East Sixtieth St.; architect, Geo. F. Pelham, 1481 Broadway.

Macedonal St., Nos. 24-26, 2 five-sty brick flats, tin roofs; cost, \$36,000; owner, August Ruff, 78 East Fourth St.; architects, Kurizer & Rohl, Third Ave. and Seventh St.

BUILDING INTELLIGENCE.

Ninetieth St., s s, 100 e Amsterdam Ave., 4 five-sty brick flats, tin roofs; cost, \$80,000; owner, Lewis M. Miller, 241 Union St.; architect, G. A. Schellinger, 128 Broadway.

Amsterdam Ave., n w cor. Seventy-eighth St., seven-sty brick flat, tin roof; cost, \$100,000; owners, Gunn & Grant, 1630 Amsterdam Ave.; architect, G. A. Schellinger, 128 Broadway.

St. Louis, Mo.—Two-sty brick flat; cost, \$4,000; owner, F. Lodenperger; contractor, B. Stock.

Two-sty brick flats; cost, \$3,400; owner, H. Runger; contractor, G. Boettinger.

CHURCHES.

Adams Basin, N. Y.—Methodist Protestant Church, stone and frame; seating-capacity, 350; architect, Addison Forbes, Rochester, N. Y.

Baltimore, Md.—St. Bernard's Roman Catholic Church will build three-sty brick church and three-sty brick dwell., n w cor. Gorsuch Ave. and Independence St.

Boston, Mass.—Parker St., No. 716, cor. Gore St., Ward 22, one-sty brick church, pitch roof, 54' x 90'; for German Lutheran Society.

Chicago, Ill.—Potter Memorial Mission Church, 498-502 North Paulina St.; cost, \$7,000.

Grace Episcopal Church, three-sty chapel, 1439 Wabash Ave.; cost, \$11,000.

First Swedish Methodist Episcopal Church, 2390-2392 West Indiana St.; cost, \$3,000.

Evangelical Lutheran Bethlah Church, 10300-10306 J Ave.; cost, \$10,000.

Detroit, Mich.—H. C. Christenson, frame church, 100 Baker St.; cost, \$12,000.

Deust & Wood, frame chapel, 927 Hudson Ave.; cost, \$3,500.

Ellinwood, Kansas.—St. Peter and Paul's Church, brick and stone; architect, A. Druiding, St. Louis, Mo.

Fort Smith, Ark.—The Methodist Episcopal Church will build an edifice, to cost \$11,000.

La Grange, Mo.—St. Xavier Church; seating-capacity, 3,000; architect, A. Druiding, St. Louis, Mo.

Mt. Sterling, Ky.—Edifice to cost \$40,000 is contemplated by the Baptists.

New York, N. Y.—Brick and stone church and parsonage for the Blinn Memorial Methodist Episcopal Church; cost, \$60,000; architect, Frank Wennemer.

Paris, Texas.—A \$15,000 edifice is contemplated by the members of the First Presbyterian Church.

Parkland, Ky.—The Presbyterians and the Methodist Episcopal each contemplate building an edifice to cost \$10,000.

Philadelphia, Pa.—Torresdale, stone chapel; contractor, W. R. Dougherty.

St. Louis, Mo.—One-sty brick church; cost, \$15,000; owner, Church of the Holy Rosary; contractor, M. Laine.

St. George Catholic Church, stone and pressed-brick, Thirty-ninth St. and Wentworth Ave.; seating-capacity, 800; architect, A. Druiding.

St. Stanislaus Church, brick and stone, near Douglas Park; seating-capacity, 400; architect, A. Druiding.

Worcester, Mass.—Jacques Ave., two-sty brick and stone church; owners, Free Will Baptist Society; contractors, Pellet Bros.; architect, Geo. G. Adams, Lawrence, Mass.

Yazoo City, Miss.—The Presbyterians will build a church, to cost about \$15,000.

FABRICATORIES.

Boston, Mass.—Washington St., rear, near Chestnut Hill Ave., Ward 25, three-sty frame factory, flat roof, 65' x 80'; owner, Samuel Hanou.

Chicago, Ill.—Nathan Newfield, four-sty factory, 415 West Fifteenth St.; cost, \$5,000.

Detroit, Mich.—Ideal Manufacturing Co., four-sty brick factory, 548-550 Franklin St.; cost, \$10,000.

Grand Rapids, Mich.—Grand Rapids Cycle Co., three-sty factory; cost, \$7,500; architect, W. G. Robinson.

New York, N. Y.—Twenty-fifth St., Nos. 532-534, three-sty brick factory, gravel roof; cost, \$10,000; owner, Warren M. Merrill, 548 West Twenty-fifth St.; architect, John G. McMurray, 324 West Twenty-fourth St.

Sheriff St., No. 48, six-sty brick workshop, tin roof; cost, \$12,000; owner, H. W. Raplan, 252 Delancy St.; architect, Charles Rentz, 153 Fourth Ave.

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Greenwich St., e s Bank St., n s Hudson St., w s, seven-sty brick factory building, tin roof; cost, \$65,000; owner, Peter M. Wilson, 144 West Twenty-second St.; architects, D. & J. Jardine, 1262 Broadway.

West King and Charlton Sts., twelve-sty soap-factory; owner, James T. Pyle.

Grand St., Nos. 10-14, six-sty brick factory, gravel roof; cost, \$60,000; owner, Alexander Levett, 23 West Seventy-third St.; architect, Jacob Roth, 693 Sackett St., Brooklyn.

East Forty-fourth St., No. 224, five-sty brick factory, gravel roof; cost, about \$12,000; owners, Sebastian Mfg. Co., 217-223 East Forty-third St.; architects, Weber & Drosser, 81 and 82 Bible House.

HOTELS.

St. Louis, Mo.—Three-sty brick hotel; cost, \$11,000; owner, J. M. Ditterle; contractor, L. Mortfield.

HOUSES.

Baltimore, Md.—Anton Bassert, three-sty brick building, e s Wilkins St., n Frederick Ave.

Martin Mayford, three-sty brick building, s w cor. Harford Ave. and Lanvale St., two-sty brick building adjoining, and 4 two-sty brick buildings, s s Lanvale St., w Harford Ave.

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Hy. Wesel, 4 two-sty brick buildings, s s Hamburg St., bet. Covington St. and Riverside Ave.

Boston Fear, 8 three-sty brick buildings, n s North Ave., beg. n e cor. Pulaski St.; 15 two-sty brick buildings, e s Pulaski St., bet. North and Myrtle Aves.; 19 two-sty brick buildings, s s Myrtle Ave., bet. Payson and Pulaski Sts.; 4 two-sty brick buildings, w s Payson St., bet. North and Myrtle Aves.; and 8 two-sty brick buildings, n and s s Herbert St., bet. Payson and Pulaski Sts.

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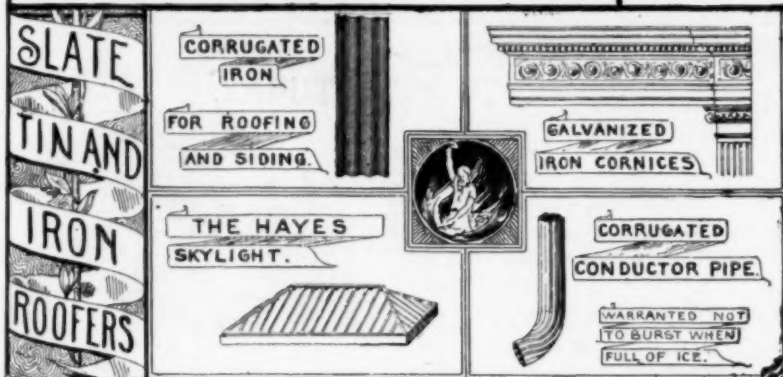
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Michael Kohlerman, three-st'y brick building, e s
Eutaw St., s Mulberry St.
Greenmount Ave. M. E. Church, three-st'y brick
parsonage, adj. n w cor. McKim and Chase Sts.Boston, Mass.—Dewey St., near Dacia St., Ward 20,
three-st'y frame dwell., flat roof, 22' x 42'; owner
and builder, J. F. Fortunato.Longwood Court, from Longwood Ave., Ward 22, 2
three-st'y frame dwells., flat roofs, 20' x 44'; owner,
Frank Von-Euw; builders, R. D. Ward & Co.Meriden St., cor. Walden St., Ward 22, three-st'y
frame dwell. and store, flat roof, 27.6' x 44'; owner,
Henry Deekhardt; builders, Sittig Bros.Dalmatia St., near Blue Hill Ave., Ward 20, 2
three-st'y frame dwells., flat roofs, 34' x 40' and
22' x 38'; owner and builder, William Donaldson.Atwood Ave., near Day St., Ward 22, frame dwell.,
24' x 44'; owner, Nicholas Kelley; builders, McNeil
& McLean.Kelayth Road, near Selkirk Road, Ward 25, frame
dwell., 27' x 64.6'; owner, Mrs. L. B. Kelley;
builder, F. W. Stevens.East Third St., No. 512, Ward 11, three-st'y frame
dwell., flat roof, 23' x 34'; owner and builder, A. J.
Edwards.Webster St., Nos. 275-283, Ward 2, 5 three-st'y
frame dwells., flat roofs, 22' x 50'; owner and builder,
John McCormick.Crawford St., near Warren St., Ward 21, 2 three-
st'y frame dwells., flat roofs, 23' x 57'; owner, Mrs.
F. A. Williams.Murdock St., near North Beacon St., Ward 25, 7
three-st'y frame dwells., pitch roofs, various sizes;
owner and builder, Samuel Hano.Brookton, Mass.—Two-st'y frame dwell.; owners,
City of Brookton; architect, J. B. Woodworth,
Worcester.Brooklyn, N. Y.—Ingraham St., n s, 225' w Morgan
Ave., 2 three-st'y frame dwells., tin roofs; cost,
\$4,000; owner, architect and builder, Leonard Erk,
Prospect St., near Hamburg Ave.Cook St., No. 23, bet. Ewen St. and Graham Ave.,
four-st'y frame dwell., tin roof; cost, \$6,500; owner,
Leopold Michel, Graham Ave.; architects, D. Acker
& Son, Broadway.Twenty-eighth St., s s, 475' e Third Ave., three-st'y
frame dwell., tin roof; cost, \$3,500; owner, D. An-
derson, 152 Twenty-eighth St.Weirfield St., n s, 81' w Central Ave., three-st'y
frame dwell., tin roof; cost, \$4,500; owners, archi-
tects and builders, L. J. Lippmann & Co., 142
Eldert St.Clanson Ave., e s, 60' s Lexington Ave., 2 four-st'y
brick dwells., tin roofs; cost, \$24,000; owner, John
Crawley, 1059 Jefferson Ave.; architect, John L.
Young, 287 Halsey St.Seigel St., No. 40, bet. Leonard and Ewen Sts.,
four-st'y frame dwell., tin roof; cost, \$6,500; owner
architect and builder, C. Buhrow, on premises.

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Buffalo Ave., w s, 20' s Prospect Pl., 2 two-st'y
frame dwells., tin roofs; total cost, \$5,000; owner
W. L. Beers, 215 Monroe St.; architect, N. A.
Taylor, 126 Buffalo Ave.Varet St., No. 76, bet. Graham Ave. and Humboldt
St., four-st'y frame dwell., tin roof; cost, \$5,200;
owner, J. F. Kuhns, on premises; architects, D.
Acker & Son, 752 Broadway.Buffalo Ave., w s, 52' n Butter St., 3 two-st'y frame
dwell., tin roofs; total cost, \$5,000; owner, John
Robinson, 190 Buffalo Ave.Richardson St., n s, 175' e Lorimer St., three-st'y
frame dwell., tin roofs; cost, \$4,500; owner, Patrick
Kane, 376 Lorimer St.; architect, Chris. Buchheit,
282 Powers St.McKibben St., n s, 50' w Leonard St., four-st'y
frame dwell., tin roof; cost, \$5,000; owner, D. Kren-
der, 47 McKibben St.; architects, D. Acker & Son,
752 Broadway.Monroe St., s s, 100' w Stuyvesant Ave., 4 two-st'y
brick dwells., tin roofs; cost, \$5,000 each; owner,
architect and builder, H. Grasman, 840 Hancock St.Railroad Ave., w s, 75' e Griffin Pl., 2 two-st'y
frame dwells., shingle and tin roofs; cost, \$2,200
each; owner, Christina A. Lohrents, 1308 Herkimer
St.Glenmore Ave., s s, 60' e Millford St., 2 two-st'y
frame dwells., tin roofs; cost, \$4,400; owner, Donald
Laing, Belmont St. and Atkins Ave.Madison St., n s, 260' e Hamburg Ave., 5 two-st'y
frame dwells., tin roofs; cost, \$3,000 each; owner,
Adolphus Gload, 38 Eldert St.; architects and
builders, Francisco Bros., 236 Woodbine St.Chicago, Ill.—A. J. Toolen, two-st'y dwell., Seventy-
fourth St. and Mattison Ave.; cost, \$3,000.E. L. Lord, two-st'y dwell., 6422 Yale St.; cost,
\$4,200.Mrs. Sue Maple, two-st'y dwell., 7146 Webster
Ave.; cost, \$3,200.C. B. Scott, two-st'y dwell., Hawthorne Ave. and
Wright St.; cost, \$3,700.

BUILDING INTELLIGENCE.

Jacob Mattas, two-st'y dwell., 5256 School St.;
cost, \$3,000.H. W. Ames, ten cottages, 5601-5823 Winter St.;
cost, \$15,000.William H. Colvin, Jr., 6 two-st'y dwells., Forty-
seventh Ct. and Cottage Grove Ave.; cost, \$24,000.C. H. Chamberlain, two-st'y dwell., 1492 Washing-
ton Boulevard; cost, \$10,000.T. J. Devins, fourteen cottages, Avers, Ridgeway
and Lawndale Aves.; cost, \$14,000.William Zeller, two-st'y dwell., 1589 Fulton St.;
cost, \$6,000.J. L. Cochran, five dwells., Magnolia and Belmont
Aves.; cost, \$12,500.Minneapolis, Minn.—A. H. Linton, 2505 Park Ave.,
brick and stone dwell.; cost, \$30,000.Geo. H. Holt, Jr., 315-317 Oak Grove St., two frame
dwell.; cost, \$20,000.Geo. C. Bagley, 2645 Park Ave., frame dwell.;
cost, \$10,000.New York, N. Y.—West Sixty-fifth St., Nos. 132-134,
2 three-st'y brick dwells., tin roofs; cost, \$20,000;
owner, Lawrence McCabe, 1630 Broadway; archi-
tect, R. H. Robertson, 121 East Twenty-third St.West End Ave., n w cor. One Hundred and Second
St., 5 three and four st'y brick dwells., tin roofs;
cost, \$83,000; owner, David Christie, 634 West End
Ave.; architect, M. V. B. Ferdon, 272 West Thirty-
fourth St.Seventieth St., s s, 125' e Columbus Ave., 10 four-
st'y brick dwells., tin roofs; cost, \$210,000; owners,
John & Jas. A. Farley, Columbus Ave. and Seventy-
second St.; architects, Thom & Wilson, 1267 Broad-
way.Riverside Drive, n e cor. Seventy-eighth St., 7
three and four st'y brick dwells., peak tin and slate
roofs; cost, \$178,000; owner, Chris. R. Robert, Oak-
dale, Long Island, N. Y.; architects, Chas. E. Buck
& Co., 264 Columbus Ave.

Riverside Drive, n e cor. Seventy-eighth St., 7

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limestone and buff brick dwells.; cost, \$180,000; owner, C. R. Robert; architect, Chas. Buek & Co.
East Ninety-third St., Nos. 54-56, 2 three-sty brick dwells., tin roofs; cost, \$25,000; owner, Walter Reid, 1472 Third Ave.; architect, Walter Reid, Jr., 1313 Madison Ave.

One Hundred and Third St., n s, 100' e Riverside Drive, 5 three-sty brick dwells., tin roofs; cost, \$80,000; owners, Egan & Halley, 273 West End Ave. and 162 West One Hundred and Third St.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

Eighty-fifth St., s w cor. West End Ave., 8 four, five and six sty dwells., mansard tin and tile roofs; cost, \$109,000; owner, Richard G. Platt, 90 Lexington Ave.; architect, Frank M. Day, Eighty-eighth St. and Boulevard.

Trinity Ave., e s, 196' n One Hundred and Sixty-fifth St., 4 three-sty brick dwells., tin roofs; cost, \$18,000; owner, John Knox, Marion Ave., Fordham; architect, J. De Hart, One Hundred and Sixty-fifth St., near Fox St.

One Hundred and Second St., n s, 60' w West End Ave., three-sty brick dwell., tin roof; cost, \$16,000; owner, David Christie, 634 West End Ave.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

Seventy-seventh St., s s, 104' w West End Ave., 13 three-and-one-half-sty brick dwells., mansard tin and tile roofs; cost, \$260,000; owners, Stewart & Pursell, 5 West Eighty-first St. and 138 West Eighty-second St.; architect, Charles T. Mott, 169 Broadway.

Ninety-fourth St., n s, 330' e Third Ave., three-sty brick dwell., tin roof; cost, \$12,000; owner, John H. Parker, 1450 Lexington Ave.; architect, G. A. Schellinger, 128 Broadway.

Southern Boulevard, s w cor. Valentine Ave., two-sty frame dwells.; cost, \$6,000; owner, C. M. Hayward; architect, E. K. Bourne.

Ninety-second St., s s, 125' e Ninth Ave., 5 three-sty Tiffany brick and brownstone dwells.; cost, \$76,000; owner, Thos. Kilpatrick; architect, Alfred E. Barlow.

Sixty-ninth St., n s, 125' e Columbus Ave., 5 four-sty brick and stone dwells.; architects, Thom & Wilson.

Providence, R. I.—*Hope and Lloyd Sts., two-and-one-half-sty frame dwell.; owner, Mrs. M. S. R. Moulton; architects, Stone, Carpenter & Willson; builder, Robert Paterson.*

Ontario St., 2 two-and-one-half-sty frame dwells.; cost, \$5,000; owner, A. J. Sanborn; built by contractor.

Hudson St., n s, two-and-one-half-sty frame dwell.; owner, John L. Mathewson; builder, Daniel Liddy.

Bucklin St., s w cor. Prairie Ave., two-and-one-half-sty frame dwell.; owner, Mrs. Margaret Keough.

Sheldon St., s e cor. Hope St., two-and-one-half-sty frame dwell.; cost, \$3,700; owner, Daniel Gorman.

St. Louis, Mo.—*St. George's pastor's dwell., brick and stone; cost, \$9,000; architect, A. Druiding.*

Two-sty stone pastor's dwell. for St. Teresa's congregation; architect, A. Druiding.

Two-sty brick dwell.; cost, \$3,300; owner, J. Vivruan; contractor, H. Schildman.

Two-sty brick dwell.; cost, \$4,800; owners, J. & F. Moller; contractors, Kluth & Boeke.

Two-sty brick dwell.; cost, \$4,800; owner, G. Chapman; contractors, Kluth & Boeke.

Two-sty brick dwell.; cost, \$4,000; owner, Emily Kelly; contractor, J. M. Honnsey.

Two-sty brick dwell.; cost, \$3,300; owner, N. O'Hanlon; contractor, F. J. McGrath.

Two-sty brick dwell.; cost, \$5,000; owner, H. Gugenbuehler; contractors, F. Koblmeier & Son.

Two-sty brick dwell.; cost, \$2,700; owner and contractor, Chas. Drieke.

Three-sty brick dwell.; cost, \$4,600; owner, W. Bletze; contractor, J. Auger.

Three-sty brick dwell.; cost, \$4,000; owner and contractor, B. Northlooff.

Two-sty brick dwell.; cost, \$2,500; owner, Mrs. M. Castello; contractor, J. Castello.

Two-sty brick dwell.; cost, \$5,000; owner, P. Nolan; contractor, M. Connolly.

BUILDING INTELLIGENCE.

Two-sty brick dwell.; cost, \$3,000; owner, P. Duffy; contractor, J. Schuster.

Three adj. two-sty brick dwells.; cost, \$9,000; owner and contractor, W. C. Uhri.

Two-sty brick dwell.; cost, \$6,500; owner, W. J. Murray; contractor, H. A. Duffer.

Two-sty brick dwell.; cost, \$3,000; owner, Theo. Kay; contractor, G. Roeder.

Two adj. two-sty brick dwells.; cost, \$6,000; owner, A. Vonder Heide; contractor, W. Doman.

Three adj. two-sty brick dwells.; cost, \$10,000; owner, P. Doe; contractor, G. H. George.

Two-sty brick dwell.; cost, \$4,500; owner, D. A. Rothschild; contractor, G. F. Mueller.

Two-sty brick dwell.; cost, \$3,200; owner, Hy. Hicke; contractor, Thos. Dunn.

Two adj. three-sty brick dwell.; cost, \$5,875; owners, A. H. & W. Luck; contractor, Thos. Dunn.

Two-sty brick dwell.; cost, \$3,200; owner and contractor, H. Ellerman.

Two-sty brick dwell.; cost, \$4,800; owner, D. Lutz; contract, sub let.

Two-sty brick dwell.; cost, \$5,000; owner, W. C. Waller; contractor, J. T. Wells.

Three-sty brick dwell.; cost, \$5,000; owner, State Savings; contractor, E. P. Shassere.

Three-sty brick dwell.; cost, \$5,000; owner, Fund & Building Co.; contractor, E. P. Shassere.

Two-sty brick dwell.; cost, \$3,500; owner, Chas. Lacouter; contractors, Hetz & Hohenstein.

Two-sty brick dwell.; cost, \$2,800; owner, Mrs. C. Memeyer; contractor, F. W. Giese.

Two-sty frame dwell.; cost, \$7,000; owner, Alice Petersen; contractors, W. L. Balen & Son.

Two-sty frame dwell.; cost, \$3,100; owner, Mrs. McWarnee; contractor, N. Pellgreen.

West Upton, Mass.—*Two-sty frame dwell.; owner, E. C. Lyford; architect, J. B. Woodworth, Worcester.*

Worcester, Mass.—*Parker St., 3 two-sty frame dwells.; owner and contractor, M. F. Wood.*

Bradford St., 6 two-sty frame dwells.; owner and contractor, M. F. Wood.

Southgate St., three-sty frame dwell.; owner, Rose Devlin; contractor, P. Casey.

Liscomb St., one-sty frame dwell.; owner, F. M. Kelley; contractor, Joseph Collie.

Highland St., three-sty frame dwell.; owner, Thomas Jackson; architect, J. B. Woodworth.

Parker St., one-sty frame dwell.; owner, M. F. Wood; contractor, I. C. Warren.

Penn Ave., two-sty frame dwell.; owner, Paul Morgan; contractor, J. A. McDermott.

Elm St., two-sty brick and stone dwell.; owner, F. B. Smith; contractor, J. G. Vaudreuil; architect, H. F. Bigelow, Boston.

Milbury St., three-sty frame dwell.; owner, Richard Mooney; contractor, L. M. Peterson.

Milbury St., two-sty frame dwell.; owner, Mrs. Kare Krave; contractor, L. M. Peterson.

PUBLIC-BUILDINGS.

Grand Rapids, Mich.—*Ottawa St., cor. Crescent Ave., four-sty brick police headquarters, slate roof; cost, \$40,700; architect, E. E. Myers, Detroit.*

SCHOOL-HOUSES.

Charleston, W. Va.—*Twenty-one room school building to cost \$47,000 will be built; contractor, James Grady.*

Danville, Ky.—*Two-sty school-house to cost \$10,000 will be built.*

Naperville, Mo.—*Two-sty stone Catholic school-house; architect, A. Druiding, St. Louis, Mo.*

St. Louis, Mo.—*Two-sty brick school; cost, \$20,000; owners, St. Louis Public Schools; contractor, T. H. Busby.*

STABLES.

Boston, Mass.—*Walnut Ave., rear 367, Ward 21, one-sty frame stable, pitch roof, 21' x 27'; owner, C. Y. Spencely; builder, W. S. Spencely.*

Locust St., near 738 Dorchester Ave., Ward 15, two-sty frame stable, 25' x 38.6'; owner and builder, Edward Reardon.

BUILDING INTELLIGENCE.

Hopedale, Mass.—*Two-sty frame stable; owner, Gen. Wm. F. Draper; architect, J. B. Woodworth, Worcester, Mass.*

One-sty frame stable; owner, Frank J. Dutcher; architect, J. B. Woodworth, Worcester, Mass.

Worcester, Mass.—*Webster St., one-sty frame stable; owner, Chas. H. Bancroft; day work.*

STORES.

Boston, Mass.—*Braintree St., near Franklin St., Ward 25, two-sty frame store, flat roof, 78.6' x 100'; owner, Samuel Hano.*

Brooklyn, N. Y.—*Boerum St., n w cor. Lorimer St., 2 four-sty frame stores and dwells., tin roofs; cost, \$10,000; owner, George Hilderbrand, 31 Boerum St.; architect, H. Vollweiler, 483 Hart St.*

Clinton Ave., s e cor. Myrtle Ave., 2 four-sty and 2 five-sty brick stores and dwells., tin roofs; cost, \$75,000; owner, John Engle, Jr., Clinton Ave.; architect, Fr. Jacobsen, 100 Maiden Lane, New York City.

Buffalo Ave., s w cor. Prospect Pl., three-sty frame store and dwell., tin roof; cost, \$5,000; owner, W. L. Beers, 215 Monroe St.; architect, N. A. Taylor, 126 Buffalo Ave.

Stockholm St., s s, 350' e Evergreen Ave., three-sty frame store and dwell., tin roof; cost, \$4,500; owner, A. Dillmann, on premises; architects, D. Acker & Son, 752 Broadway.

Thatford Ave., e s, 150' e Glenmore Ave., three-sty frame store and dwell., tin roofs; cost, \$5,000; owners, I. Abrams, and I. Gingold, 106 East Broadway, New York City; architect, Michael Bernstein, 241 East Broadway, New York.

Delmore St., s e cor. Livonia Ave., three-sty frame store and dwell., tin roof; cost, \$3,000; owners, Sidenburg & Abramowitz, on premises; architect, A. J. Warren, 2583 Atlantic Ave.

Franklin St., n e cor. Eagle St., 3 four-sty brick stores and dwells., tin roofs; cost, \$22,000; owner, F. Huneke, 71 Freeman St.; architect, C. Dunkhase, 44 Manhattan Ave.

Detroit, Mich.—*T. Lane, four-sty brick store, 51 Grand River Ave.; cost, \$3,600.*

Five-sty brick store, 29-35 Larned St., West; cost, \$25,000; architect, G. W. Lloyd.

M. M. Scovell, three-sty brick store, 136 Michigan Ave.; cost, \$5,000.

Minneapolis, Minn.—*Geo. N. Merriam, 624-630 First Ave., s s, 84 and 90 South Seventh St., brick stores and offices; cost, \$10,000.*

New York, N. Y.—*Columbus Ave., No. 462, one-sty brick store, tin roof; cost, \$4,000; owner, Frederick H. Walker, 1 West Eighty-first St.; architect, Theo. E. Thomson, 247 West One Hundred and Twenty-fifth St.*

South Fifth Ave., Nos. 33-35, six-sty brick store, metal roof; cost, \$50,000; owner, Matilda W. Bruce, 39 East Twenty-third St.; architects, Jordan & Giller, 19 Park Pl.

Beverly Pl., n s, 45' e Christopher St., one-sty brick store, tin roof; cost, \$4,000; owner, Wm. E. Burnistons, 104 East Twelfth St.; architects, J. E. Ehrig & Co., 169 Sullivan St.

Twenty-first St., s w cor. Fifth Ave., nine-sty brick store, tin roof; cost, \$550,000; owner, E. H. Van Ingen & Co., 488 Broadway; architect, R. H. Robertson, 121 East Twenty-third St.

St. Louis, Mo.—*Two-sty brick store and dwell.; cost, \$14,000; owner, J. B. Quinlivan; contractor, M. Connolly.*

Two-sty brick store and dwell.; cost, \$5,000; owner, G. Schneider; contractor, H. Ellerman.

One-sty brick store; cost, \$7,500; owner and contractor, G. Schuman.

TENEMENT-HOUSES.

New York, N. Y.—*Eighty-eighth St., n s, 96' w Avenue B, 6 five-sty brick and brownstone tenements; cost, \$90,000; owner, Joseph Schreiner; architect, John Hauser.*

One Hundred and Thirty-eighth St., s s, 100' e Lenox Ave., five-sty brick and stone tenement; owner, Patrick Farley; architects, Thom & Wilson.

WAREHOUSES.

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C. A. Gambrell Mfg. Co. will build a two-sty corrugated iron warehouse on Smith's Wharf.
Chicago, Ill. — Johnson Chair Co., six-sty warehouse, 280-284 North Halsted St.; cost, \$18,000.
J. B. Mallers, ten-sty warehouse, 135-137 Market St.; cost, \$45,000.

MISCELLANEOUS.

Boston, Mass. — Walnut Pl., near Reed St., Ward 18, three-sty brick storage, dat roof, 40' x 88', owner, J. H. Hawthorne; builders, W. A. & H. A. Root.
Brooklyn, N. Y. — Greene Ave., s s, 100' e Grand Ave., three-sty brick carpenter shop, tin roof; cost, \$4,000; owner, W. H. Tourison, 270 Franklin Ave.; architect, George Ladue, 136 Quincy St.
Chelsea, Mass. — Two-sty brick machine-shop and foundry; owners, Geo. W. Swett Steel Car Works; contract not let; architect, John P. Kingston, Worcester, Mass.
College Hill, Mass. — Brick and stone dormitory, 37' x 67'; and brick and stone hall, 48' x 84'; for Tufts College; contracts to be let; architects, Loring & Phelps, Boston.
Chicago, Ill. — Chicago & Northwestern Railroad Co., round house, Fortieth and Kinzie Sts.; cost, \$30,000.
Woodlawn Park Club Association, club-house, 6400-6414 Woodlawn Ave.; cost, \$40,000.
C. & E., I. R. R. Co., railroad depot, Wilson St. and railroad tracks; cost, \$12,000.
Joseph Bee, two-sty office, 60 Fulton St.; cost, \$3,500.
North Chicago Bowling Association, one-sty brick bowling alley, 530 North Wells St.; cost, \$7,000.
Detroit, Mich. — Brick and stone Telephone Exchange Building, Washington Ave.; cost, \$100,000; owner, H. McMillan; architect, G. W. Lloyd.

PROPOSALS.

HEATING AND VENTILATING.

[At Brockton, Mass.]
OFFICE OF J. WILLIAM BEAL, ARCHITECT,
68 MASON BUILDING, BOSTON, MASS.
Estimates will be received at this office up to noon, the 15th day of August, for heating and ventilating the new Court-house at Brockton, Mass.
Plans and specifications may be seen at this office on and after Saturday, the 8th.
All bids must be addressed to the County Commis-

sioners, and endorsed "Proposal for Heating and Ventilating Court-house in Brockton."

The Commissioners reserve the right to reject any and all proposals.
Per order of the Board of Commissioners.
JEDEDIAH DWELLEY,
WM. RANKIN,
WALTER H. FAUNCE, } Commissioners.

815

August 3, 1891. 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 August, 1891, for furnishing all the labor and materials required for the erection and completion of a stable, autopsy-room and pipe-tunnel at the United States Marine Hospital building at Chelsea, Mass., in accordance with drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Chelsea, Mass. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. 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 a Stable, Autopsy-room and Pipe-tunnel at the United States Marine Hospital building at Chelsea, Mass.," and addressed to W. J. EDBROOKE, Supervising Architect.

816

August 1, 1891. 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 August, 1891, for all the labor and materials required, and fixing in place complete, the low-pressure, steam-heating apparatus, etc., for the United States Marine Hospital at Evansville, Ind., in strict accordance with drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Evansville, Ind. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. 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, Steam-heating Apparatus, etc., for the United States Marine Hospital building at Evansville, Ind.," and addressed to W. J. EDBROOKE, Supervising Architect.

817

July 27, 1891. 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 August, 1891, for all the labor and

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PROPOSALS.

materials required for furnishing and putting in place complete the low-pressure, return-circulation, steam-heating and ventilating apparatus for 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 at Bridgeport, Conn. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of proposal. 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 Post-office building at Bridgeport, Conn.," and addressed to W. J. EDBROOKE, Supervising Architect.

815

July 26, 1891. 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 August, 1891, for furnishing all the labor and materials required, and fixing in place complete, the extension of the low-temperature, hot-water heating and ventilating apparatus, reconstructing old apparatus in basement, etc., and furnishing and placing a high-pressure steam-boiler for the United States Court-house and Post-office building at Atlanta, Ga., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Atlanta, Ga. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. 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 Extension of Low-temperature, Hot-water Heating and Ventilating Apparatus, Reconstructing Old Apparatus in Basement, etc., and Furnishing and Placing a High-pressure Steam-boiler for the United States Court-house and Post-office building at Atlanta, Ga.," and addressed to W. J. EDBROOKE, Supervising Architect.

815

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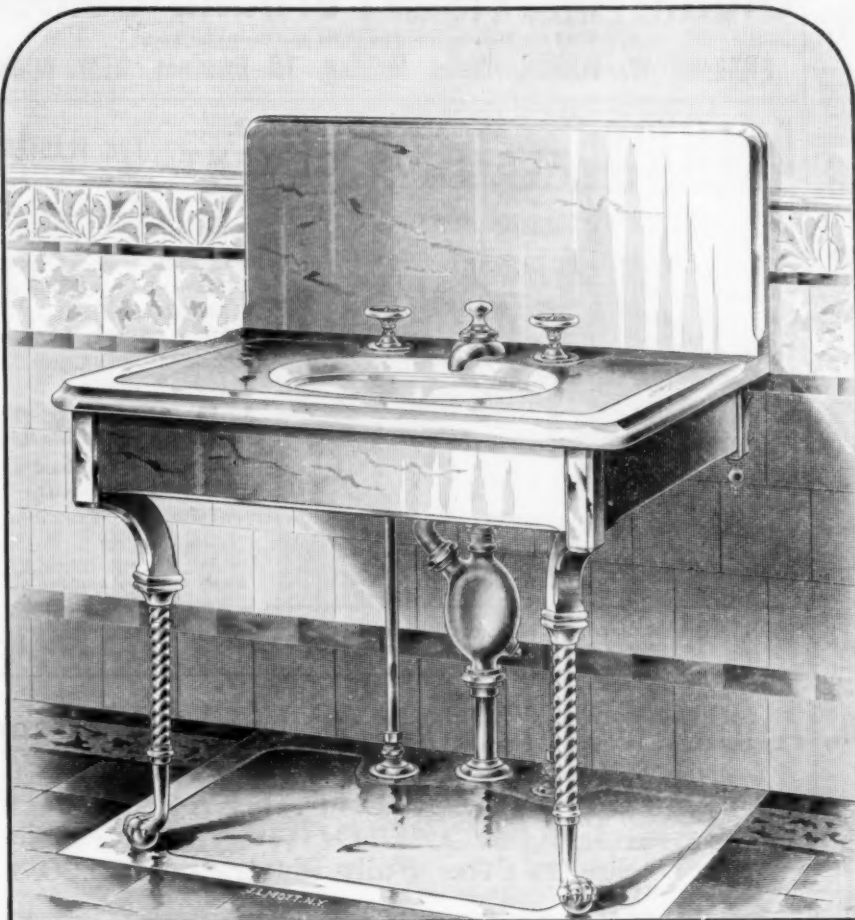


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[See Alphabetical Index on page VII for Pagination.]

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[Advertisers can be indexed only under a single head free of charge.]

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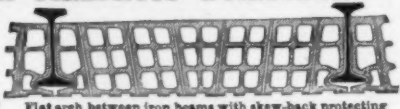
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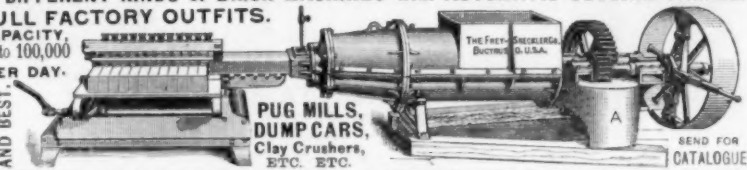
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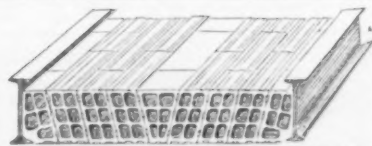
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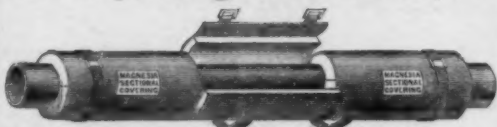
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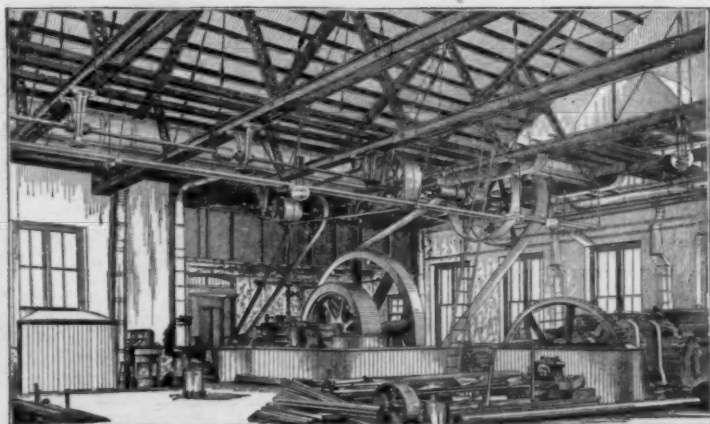
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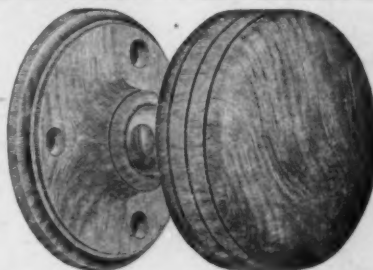
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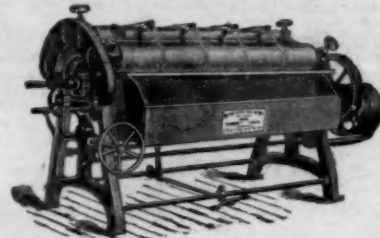
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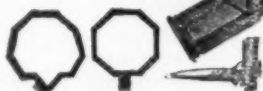
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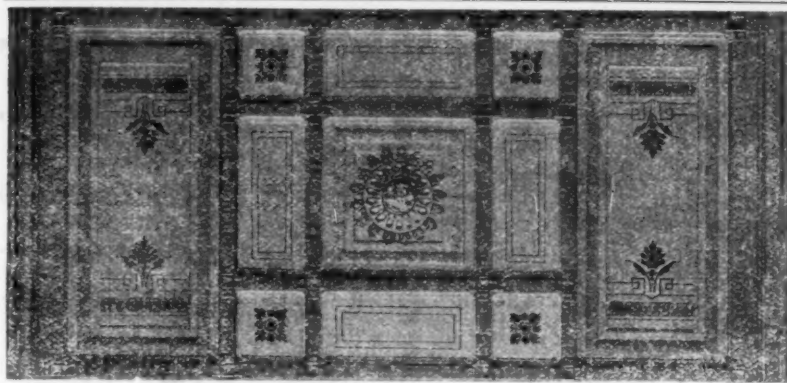
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Spruce.....	12 00 @ 16 00	14 00 @ 15 00	Not sold.
Hemlock.....	18 00 @ 21 00	24 00 @ 35 00	10 00 @ 13 00
Yellow pine.....			25 00 @ 37 30
Laths:			16 00 @ 18 00
Pine.....	@	2 25 @ 2 35	13 00 @ 17 00
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Pine, shaved.....P. M.....	5 00 @ 6 00	@	2 30 @ 3 00
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" white.....	@ 70 00	50 00 @ 55 00	32 00 @ 40 00
" quartered.....	@ 90 00	65 00 @ 75 00	45 00 @ 55 00
Sycamore quartered.....	@	50 00 @ 65 00	45 00 @ 55 00
Pine, clear.....	65 00 @ 70 00	50 00 @ 75 00	35 00 @ 50 00
Redwood.....	60 00 @ 70 00	60 00 @ 70 00	55 00 @ 60 00
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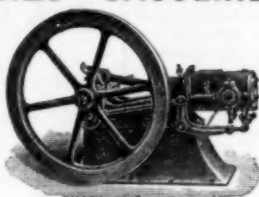
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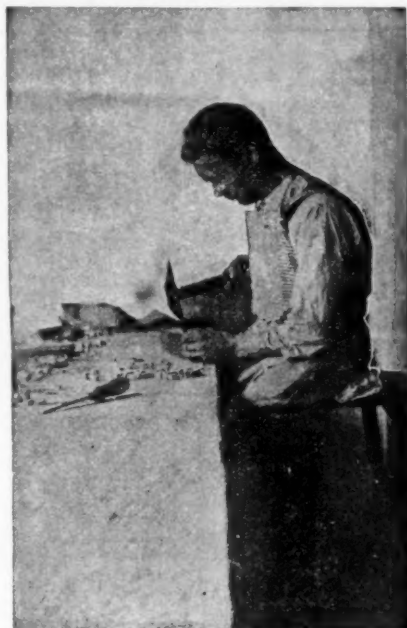
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Long Island.....	4 00 @ 5 00	Domestic Face 20 00 @ 22 00	St. Louis Fronts @ 27 00	Sq. " @ 9 00
Up River.....	5 00 @ 5 25	Philadelphia } 40 00 @ 45 00		Light Stretchers @ 10 00
Haverstraw Bay 2d.....	5 25 @ 5 50	Phila. mould } 50 00 @ 80 00		Medium " @ 12 00
Hollow.....	@ 13 00	Anderson 14 00 @ 32 00		Red " @ 13 00
Fronts:				Dark " @ 13 00
Croton, Brown.....	@ 13 00		15 00 @ 27 00	Pressed " @ 13 00
" dark.....	@ 14 00		65 00 @ 350 00	18 00 @ 20 00
" red.....	@ 14 00		45 00 @ 50 00	Best Paving @ 14 00
Chicago pressed (Anderson).....			45 00 @	Second " @ 13 00
" Moulded.....			25 00 @	Third " @ 12 00
Baltimore.....	37 00 @ 41 00		60 00 @ 100 00	
Philadelphia.....	23 00 @ 24 00		30 @	Dom. { @ 65
Trenton.....	22 00 @ 23 00		35 @	@ 85
Milwaukee.....			55 00 @ 65 00	
Moulded:				
Glens Falls Red Pressed.....	@ 37 00			1 30 @ 1 50
" Buff.....	@ 30 00			2 75 @ 3 00
" Moulded Red & Buff.....	45 00 @ 70 00			2 85 @ 3 25
Enamelled: Imp.				2 75 @ 3 00
Enamelled (edge).....	85 00 @ 100 00			2 85 @ 3 15
Enamelled (edge and end).....	90 00 @ 115 00			2 75 @ 3 15
CEMENT, LIME, etc.—(P. cash.)				2 75 @ 2 85
Rosendale Cement.....	90 @ 1 00	1 20 @ 1 40	Not sold.	
Louisville.....		Brooks, S. & Co.	1 05 @ 1 30	BS&Co 2 75 @ 3 00
Utica, Akron, Buffalo, Milw'kee.....	Not sold.	2 60 @ 3 00	1 00 @ 1 25	2 85 @ 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
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" " (Burnham).....	2 70 @ 2 80	2 60 @ 3 00	2 90 @ 3 15	
" " (White's).....	2 65 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	
" French (Lafarge).....	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	
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" (Hanover).....	2 50 @ 3 00		Not sold.	2 75 @ 2 85
" Stettin (Anchor).....	2 35 @ 2 85		Not sold.	
" American (Saylor's).....	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	2 70 @ 3 00
Roman.....	2 75 @ 3 00	@ 3 00	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse.....	5 75 @ 6 50	@ 6 00	6 00 @ 7 00	6 50 @ 7 00
" superfine.....	9 25 @ 10 25	@ 11 50	9 00 @ 10 50	8 00 @ 9 00
Lime:				
Lime of Teil.....	3 50 @ 4 00		Not sold.	White Lime P bush 25 @ 30
Hydraulic Lime.....	@ 1 45	@ 1 35	55 @	{ White Mash 1 25 @ 1 50
Chicago Lime in bulk.....		St. John 1 00	60 @	1 00 @ 1 00
Wisconsin Lime.....	@ 1 00	@ 1 05	Not sold.	
Rockland and Rockport, (Com.).....	@ 1 00	@ 1 10	Not sold.	
Rockland and Rockport, finish.....	@ 1 20	@ 1 20	1 00 bulk, 75c.	
Kelley Island Lime, finish.....	@ 90	Not sold.	Not sold.	
State, com. cargo rates (nom.).....	@ 1 05	Not sold.	Not sold.	
State, finishing.....	1 20 @ 1 25	1 85 @ 2 00	Not sold.	
Plaster of Paris (calcined).....	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	Not sold. 1 50 @ 2 25
" (casting).....	16 @ 18	25 @ 30	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) P bush.....	23 @ 25	@ 30	20 @ 25	20 @ 25
" (Goat).....	1 00 @ 1 25	1 75 @ 1 90	30 @ 35	30 @ 35
Sand, P load.....			@ 60	@ 1 50
STONE. (P cubic foot, rough.)				
Granite: (Maine)		@ 60		
Limestone:				
Bedford.....	45 @ 1 25	95 @ 1 00	50 @	75 @ 90
Joliet.....	@ 1 00		35 @ 55	Richmond 75 @ 1 50
Lemont.....	@		35 @ 60	P Perch @ 4 50
Serpentine.....	@	10 50 per ton	@ 1 00	

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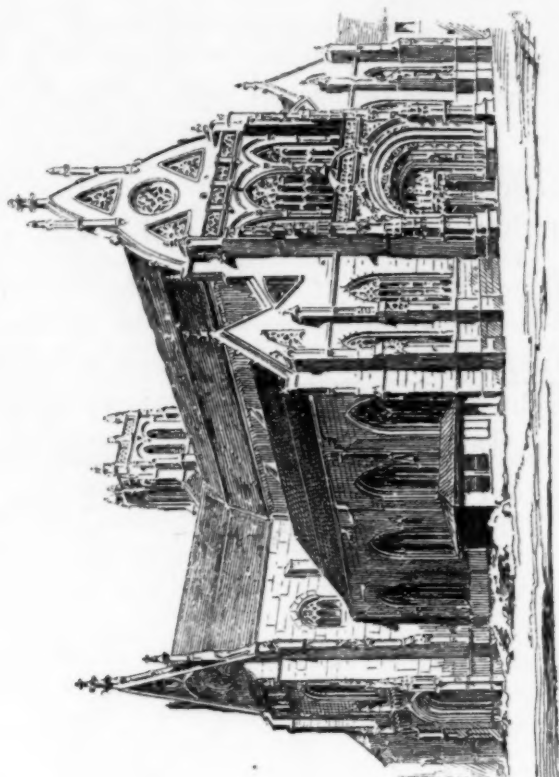
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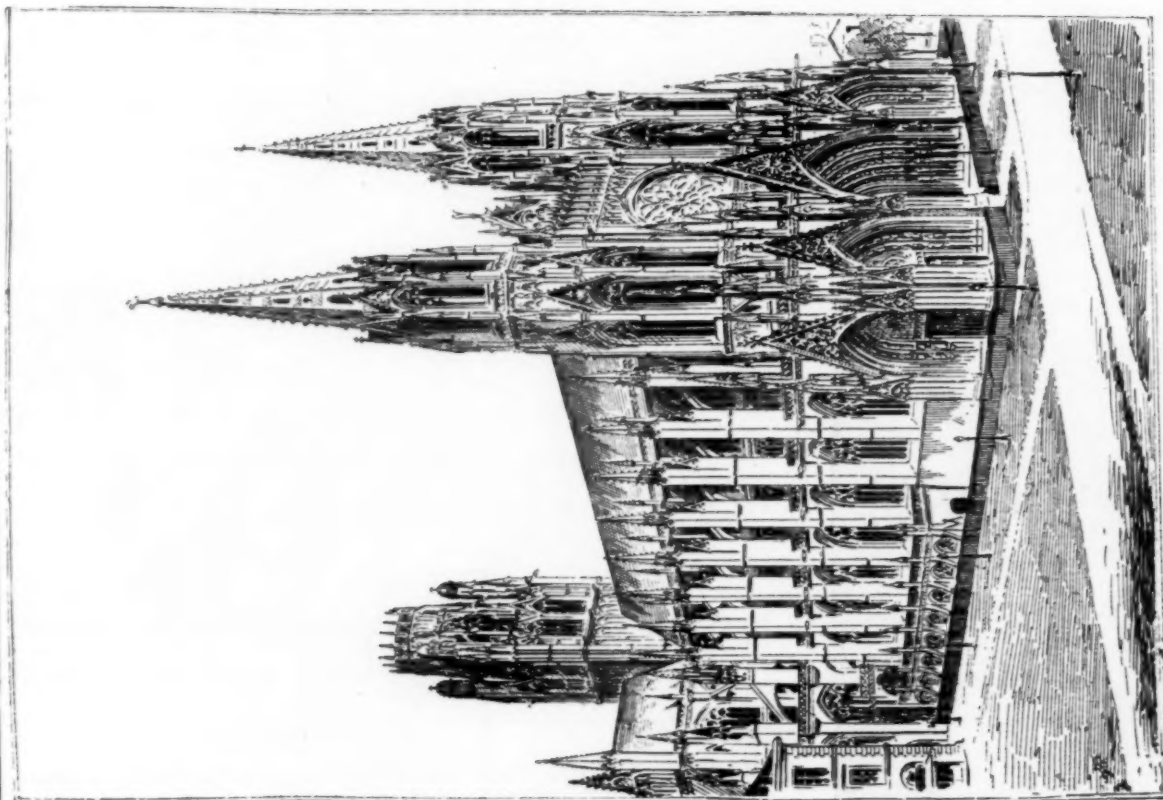
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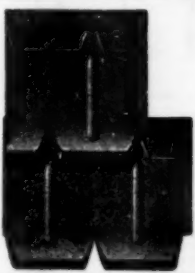
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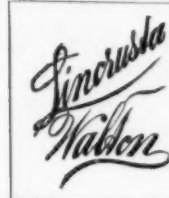
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Colorific P lb.	24	24	24	24
Red P lb.	3	3	3	3
White P bbl.	1 75	1 75	1 75	1 75
Foundation:				
Dimension:	5 00 P ton.	20	20	5 00
Block:	4 60 P perch.	20	20	Conshocken
Rubble:	1 25	1 50	8 50	1 45 @ 2 50
Bluestone: P sq. ft.				
Sidewalk:	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 25
Planed:	50 @ 6 00	@ 75	50 @ 1 00	37 @ 50
Sandstone:				
Longmeadow:	80	80 @ 90		
Kibbe:	90	90 @ 1 10		
Brown (Connecticut):	1 00 @ 95	1 25 @ 1 45	1 50 P cub. ft.	95 @ 1 16
Amherst:	90 @ 95	90 @ 1 00	45 @ 50	1 05 @ 1 35
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 00
New Brunswick (Dorchester):	@ 1 00	75 @ 90		1 00 @ 1 00
Caen:		@ 2 00		1 25 @ 1 00
Carlisle, English:	@ 1 05	@ 1 05		95 @ 1 00
Corse Hill (Scotch):	@ 1 05	@ 1 05		@
Marble: (P 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:			@ 4 40	2 50 @ 2 75
Sienna:			Not Sold.	@ 5 00
Tennessee, red:			@ 4 40	4 00 @ 6 00
Knoxville:			Not Sold.	3 00 @ 4 00
Pennsylvania, blue:			3 50 @ 6 00	2 00 @ 3 00
Vermont, white:				2 25 @ 3 00
Slate: 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:	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
black, Lehigh:	4 25 @ 4 75	@	6 25 @ 6 85	1 25 @ 4 00
Chapmans:		@	7 30 @ 8 00	@ 4 65
Unfading black, Monson, Me.:	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am. P M.	@	@	Not Sold.	@ 25 00
N. Peach Bottom, warranted unfading:	@	@		6 00 @ 6 75
PAINTS. (In Oil P lb.)				
White lead, Am.:	7 @ 7 1/2	7 1/2 @ 7 1/2	6 1/2 @ 7	@ 7 1/2
Red lead, Am.:	6 1/2 @ 7	7 1/2 @ 7 1/2	6 1/2 @ 7	@ 7 1/2
Venetian:	6 @ 10 1/2	7 @ 12	1 1/2 @ 2 1/2	dry Eng. @ 7
Vermillion:	65 @ 70	75 @ 80 dry	65 @ 68	Eng. @ 76
Indian, Eng.:	12 @ 20	12 @ 20	12 @ 20	dry Am. @ 1 1/2
Yellow Ochre:	6 @ 15	7 @ 12	3 @ 15	@ 18
Chrome:	12 @ 20	18 @ 25	15 @ 25	@ 21
Green (chrome):	8 @ 13	8 @ 20	8 @ 20	@ 29
Green, Paris:	25 @ 40	25 @ 40	18 @ 35	@ 12
Black, lamp:	15 @ 25	15 @ 25	8 @ 30	@ 24
Blue, ultramarine:	12 @ 18	18 @ 30	12 @ 35	@ 63
Oil, linseed, (raw):	55 @ 62	42 @ 64	57 @ 60	@ 44
boiled:	58 @ 65	40 @ 41	51 @ 51	@ 3 00
Turpentine:	36 @ 37	1 50 @ 6 00	1 25 @ 2 00	125 @ 3 00
Varnish, coach:	@	2 50 @ 3 00	2 25 @ 4 00	150 @ 3 00
Shellac:	@	@	2 @ 2 1/2	2 @ 2 1/2
Putty:	2 @	2 @ 4	1 @ 1 1/2	@ 1
Whiting:	75 @ 1 00	1 @ 1 1/2	1 @ 2	@ 2
Paris white, (Eng.):	1 30 @ 2 00	2 @ 3	6 1/2 @ 7	@ 7 1/2
Litharge, Am.:	5 1/2 @ 6	7 1/2 @ 20	4 @ 16	@ 14
Sienna (burnt):	14 @ 20	14 @ 20	2 @ 10 1/2	@ 13
Umber:	14 @ 20			
HARDWARE.				
Nails: (Per Cask.) Spikes, (wrought.)	@ 2 85	@	2 75 @ 3 00	per keg @ 2 25
10d. common:	@ 2 60	@ 2 15	@ 2 35	@ 2 30
Shingle:	@ 3 35	@ 2 85	@ 2 75	@ 2 60
Lath:	@ 4 85	@ 3 45	@ 3 65	3 60 @ 4 75
(Finishing nails according to size.)	@	@	Add .85 to \$1.15	per lb 4 @ 6
Butts: 4" x 4" (P doz. pairs.)	@	@	50 to .50	Add per cask 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 (P pair.):	@ 65	@ 50	Not Sold.	48 @ 50
Bronze metal:	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Brass (for cupboards):	@ 10	@ 10	@ 12	@ 1 00
Ebony:	@	@	@	@ 35
Apple wood:	@	@	@	37 @ 1 00
Knobs: (P set.)				
Mineral, best:	@ 8	@ 8	8 @ 10	@ 08
Lava:	@ 50	@ 75	65 @ 80	Not Sold.
Hemlock:	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	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:	@	@ 7 1/2	@ 7	13 1/2 @ 16
Lead Pipe:	@	@ 7	@ 6 1/2	@ 6 1/2
Iron:				
I-Beams, up to and including 36 ft.:	3 3-10 @ 3 1/2	@ 3 1-10	@	@ 2 8-10
I-Beams, over 30 ft. 1/2 c. advance:	@	@	3 30 @ 3 70	@ 2 8-10
Channel-Beams:	3 3-10 @ 3 1/2	@ 3 1-10	3 30 @ 3 70	@ 2 8-10

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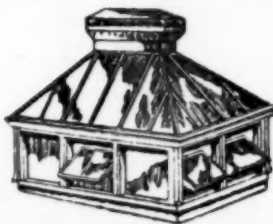
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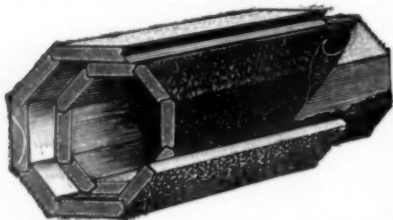
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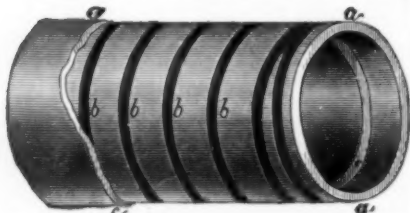
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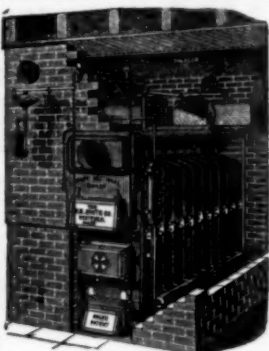


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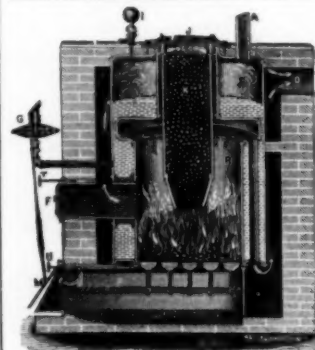
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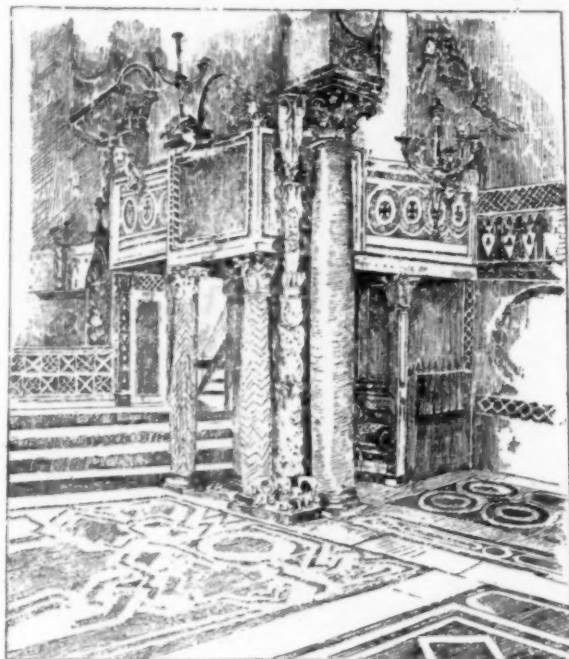
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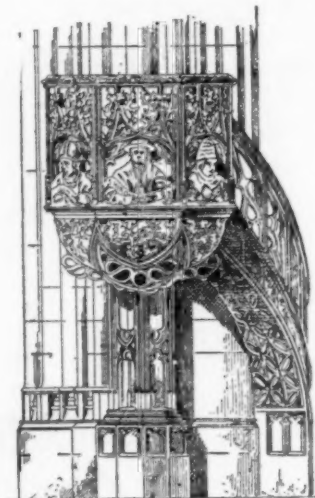
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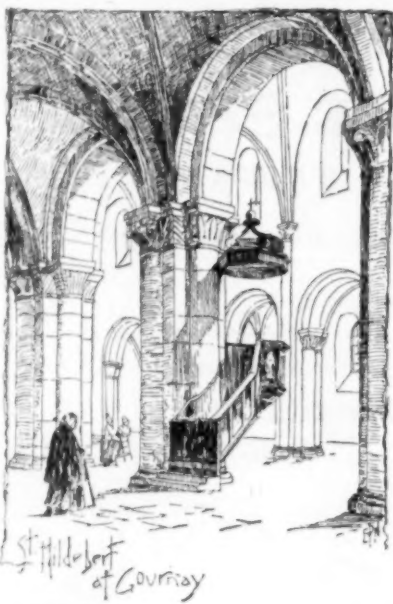




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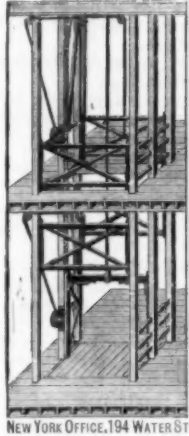
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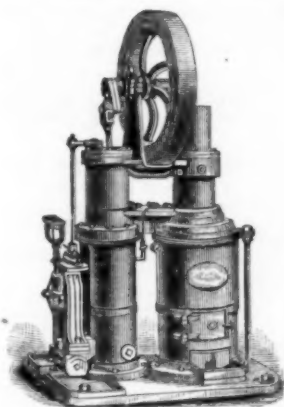
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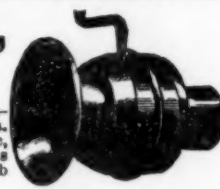
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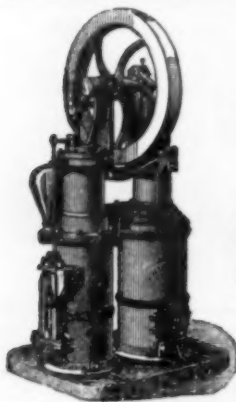
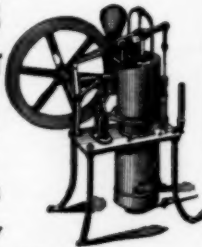
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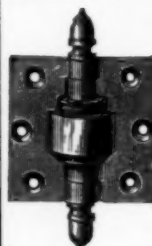
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Imports of Building Materials, Etc.,

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From Antwerp.—Ship "Geo. Curtis," 3,475 barrels cement, order. Steamer "Wassland," 3 blocks marble, Ellin, Kittson & Co.; 2,500 barrels Portland cement, E. Thiele; 1,600 do., order. Steamer "De Rycker," 3,500 barrels cement, order.
From Copenhagen.—Steamer "Island," 1,000 barrels Portland cement, Emil Kauter; 2,000 do., Marquardt & Co.; 1,000 do., E. Thiele.
From Glasgow.—Steamer "Assyrian," 79 cases granite, Austin, Baldwin & Co.; 5 do., Robert Caterston.
From Hamburg.—Steamer "Russia," 1,120 casks cement, E. Thiele. Steamer "Europa," 560 casks cement, Gabriel & Schall. Steamer "Moravia," 560 casks cement, Gabriel & Schall; 1,120 barrels do., Nevada Bank. Ship "Caroline," 3,950 casks cement, order.
From Hull.—Steamer "Hindoo," 267 tons cliff stone, Sanderson & Son; 41 bales cattle-hair, 100 do. cow-hair, New York Produce Exchange Bank; 46 do. cattle-hair, Brown Bros. & Co.; 154 bales cattle-hair, 80 do. calf-hair, order.
From Leghorn.—Steamer "Assyria," 1 block marble, Taber & Co.; 14 do., 31 slabs do., Albert Roussel; 1,767 slabs marble, 3 blocks do., order.
From Liverpool.—Ship "W. F. Babcock," 58,200 fire-bricks, Hammill & Gillispie. Steamer "Etruria," 149 sacks marble, G. W. Sheldon & Co. Ship "Tillie E. Starbuck," 97 blocks freestone, order.
From London.—Steamer "France," 500 casks cement, C. J. Stevens; 2,000 do., order. Steamer "Egyptian Monarch," 500 casks cement, Bank of British North America; 12 bales cattle-hair, John Lyon & Co.; 500 casks Portland cement, Chas. J. Stevens; 500 casks cement, 2,000 casks Portland cement, order.
From Manzanilla.—Schooner "Wm. Hays," 1,537 logs cedar, 51 do. mahogany, order.
From Newcastle.—Steamer "Montauk," 50,000 square fire-bricks, Hammill & Gillispie; 11 casks glazed bricks, Chas. R. Weeks & Bro.; 853 casks cement, Bouring & Archibald; 1,500 do., order.
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From St. Jago.—Steamer "Cienfuegos," 28 logs mahogany, J. T. Williams; 80 do., Willard Hawes & Co.

From Windsor, N. S.—Bark "St. Paul," 812 tons plaster, J. F. Whitney & Co. Schooner "Laconia," 910 tons plaster, J. F. Whitney & Co. Schooner "Gypsum Queen," 1,073 tons plaster, J. F. Whitney & 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. 278, remodelling of brick building for stores, offices, etc.; addition of two stories; new rear extension; owner, A. L. Gilman; builders: K. Driscoll, mason; Page & Littlefield, carpenters; architect, H. M. Stephenson.

Brooklyn, N. Y.—Grand Ave., Nos. 147-153, two-sty brick factory, Sparham patent roof; raised two stories, two-sty brick extension, Sparham patent roof, and other alterations made; cost, \$10,000; owners, John Underwood & Co., 30 Vesey St., New York City; architect, E. A. Sargent, 66 Broadway, New York City.

Prospect Pl., n s, 170' e Rogers Ave., three-sty brick stable, tin roof; three-sty brick extension, tin roof; cost, \$3,000; owner, Lewis Ward, on premises.

Hinsdale Ave., s w cor. Atlantic Ave., four-sty brick flat and store, tin roof, four-sty brick extension, tin roof; cost, \$5,000; owner, J. Kellow, on premises; architect, A. Howe Mageehan, 38 Williams Ave.

Clinton Ave., No. 345, four-sty brick dwell., slate roof, two-sty brick extension, tin roof, and internal alterations; cost, \$9,000; owner, A. J. Pouch, 315 Greene Ave.; architect, W. A. Mundell, Phoenix Building.

Chicago, Ill.—Albert Houfa, addition, 1444 Belmont Ave.; cost, \$3,200.

Charles Teipe, addition, 233-237 Ninety-second St.; cost, \$4,000.

A. C. Hesing, addition, 3329 Vernon Ave.; cost, \$3,500.

Lynn, Mass.—Ocean Ave., alterations to frame dwell., Greek style; cost, \$10,000; owner, H. F. Hurlburt; architect, E. A. P. Newcomb, Boston.

Minneapolis, Minn.—St. Mark's Church, Sixth St., bet. Nicollet and Hennepin Aves., addition to stone church; cost, \$8,000.

New York, N. Y.—Delancey St., No. 188, three-sty brick dwell., raised to four stories, extension, with internal alterations; cost, \$10,000; owner, Jetta Brokowsky, 69 Henry St.; architect, Fred Ebeling, 3 First Ave.

East Fifty-third St., No. 3, four-sty brick dwell., internal alterations; cost, \$10,000; owner, W. S. Pyle, 557 Madison Ave.; architects, Romeyn & Steven, 48 Exchange Pl.

Delafield Lane, 900' w Riverdale Ave., three-sty brick dwell., extension and internal changes; cost, \$15,000; owner, Wm. E. Dodge, 11 Cliff St.; architects, Renwick, Aspinwall & Russell, 71 Broadway.

Fifth Ave., No. 424, four-sty brick dwell., internal alterations; cost, \$4,500; owner, Margaret Switzer, 424 Fifth Ave.; architects, Hubert, Pirson & Hoddick, 49 West Twenty-eighth St.

West Twenty-third St., No. 159, four-sty brick dwell., extension and internal changes; cost, \$8,000; owner, Abraham A. Van Nest, 345 Fifth Ave.; architects, Constable Bros., 218 West Twenty-third St.

Thirty-sixth St., Nos. 226-228, 2 five-sty brick workshops, connected and internal alterations; cost, \$5,000; owner, Peter T. O'Brien, 118 East Fifty-sixth St.; architects, John B. Snook & Son, 12 Chamber St.

Franklin St., Nos. 9-11, six-sty workshop, repaired where damaged by fire; cost, \$4,000; owner, Morris A. Hernand, 29 West One Hundred and Fifteenth St.; builder, G. A. Burgraff, Jr., 465 West Forty-seventh St.

West Twenty-ninth St., No. 132, three-sty brick workshop, extension and internal changes; cost, \$8,500; owners, McKinley & Bauman, Thirtieth St. and Fifth Ave.; architects, George Edw. Harding & Gooch, 40 Exchange Place.

Fourteenth St., Nos. 14-16, four-sty brick store, internal alterations; cost, \$5,000; owner, D. J. Cammann, Geneva, N. Y.; architect, F. S. Schlesinger, Tenth Ave. and One Hundred and Sixty-eighth St.

Vesey St., Nos. 41-43, five-sty brick store, extension and internal alterations; cost, \$16,000; owner, Lawrence J. Callanan, 68 West Eleventh St.; architects, Thom & Wilson, 1267 Broadway.

Third Ave., No. 19, four-sty brick hotel, internal alterations; cost, \$5,000; owner, Mary Ann Pitt, Stamford, Conn.; architects, Kurtzer & Kohl, cor. Third Ave. and Seventh St.

Fiftieth St., n s, 100' w Lexington Ave., five-sty brick school, internal alterations; cost, \$17,000; owner, St. Patrick's Cathedral; architect, L. J. O'Connor, 132 Nassau St.

New St., Nos. 45-47, and Broadway, Nos. 44-46, eight-sty brick office-building, internal alterations; cost, \$7,000; owners, New York Improved Real Estate Co., 44-46 Broadway; architects, Carrère & Hastings, 44-46 Broadway.

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East Twenty-seventh St., No. 6, two-sty brick stable to be raised to three stories, with other changes; cost, \$5,000; owner, Mary S. Whitney, North Madison Square; architect, Basset Jones, 66 Broadway.

Broome St., Nos. 415-417, four-sty brick Home for Children, extension and internal alterations; cost, \$23,000; owner, New York Catholic Protective, 415 Broome St.; architect, L. J. O'Connor, 35 Nassau St.

West Twenty-third St., No. 118, five-sty brick flat, internal alterations; cost, \$13,000; owner, Mrs. Louise O'Connor, 532 Madison Ave.; architects, D. & J. Jardine, 1262 Broadway.

Philadelphia, Pa.—Wyoming St., above Market St., addition; contractor, John G. Dickinson.

Free St., No. 400, alteration; owner, Frederick Krueger.

Arizona St., No. 906, addition; owner, John Weible.

Belgrade St., No. 2325, addition; owner, J. Heinkle.

North Front St., No. 949, addition; contractors, John Kramer & Son.

South Nineteenth St., No. 332, addition; contractor, Wm. Ferguson.

Race St., No. 3116, addition; contractor, Elwood M. Smith.

North Thirty-third St., No. 403, addition; contractor, Elwood M. Smith.

Buist Ave., w Eighty-third St., addition; contractor, O. P. Ruth.

North Eighth St., No. 1520, addition; owner, A. M. Hoffman.

Jefferson St., No. 1411, addition; contractor, J. S. Kelly.

Market St., No. 3520, alterations; contractor, John McLaughlin.

Sharswood St., No. 2245, addition; owner, Isaac Eddington.

North Third St., No. 1313, addition; contractor, E. A. Trumbauer.

Wall St., n w cor. Gold St., addition; contractor, H. C. Dahl.

Salmon St., No. 4632, addition; owner, C. Hein.

Cotter St., Manayunk, rebuild mill; contractor, John W. Fritzinger.

St. Louis, Mo.—Alteration to brick office; cost \$3,000; owners, St. Louis Wire Mill Co.; contractor, J. J. McMahon.

Waltham, Mass.—Alterations to frame dwell. for Wm. Roberts; raising roof and adding story; architect, H. M. Stephenson, Boston.

APARTMENT-HOUSES.

Boston, Mass.—Rockview St., Nos. 38-40, Ward 23, 2 four-sty brick apartments, flat roofs, 27'6" x 79', 46' x 76'; owner and builder, E. D. Blackwell.

Chicago, Ill.—John Stentzel, three-sty flats, 630 Ashland Ave.; cost, \$4,000.

Ole Erdwick, three-sty flats, 1141 California Ave.; cost, \$3,000.

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Lars Peterson, two-sty flats, 770 Rockwell St.; cost, \$3,500.

George Hoffman, four-sty flats, 4331 Dearborn St.; cost, \$5,000.

H. Quinan, three-sty flats, 1329 Park Ave.; cost, \$3,500.

Henry Scott, two-sty flats, 654 Warren Ave.; cost, \$4,000.

Mrs. C. Barry, two-sty flats, 4414 Sherman St.; cost, \$4,000.

Treblecock & Co., two-sty flats, 6814-6816 Hanover St.; cost, \$6,000.

John S. Thomas, 7 two-sty flats, 808-818 Fifty-first St.; cost, \$35,000.

Olof Larson, two-sty flats, 5222 Emerald Ave.; cost, \$3,000.

Katherine Bohrs, three-sty flats, 185 Seventeenth St.; cost, \$5,000.

Fred Krueger, three-sty flats, Ashland Ave. and Melrose St.; cost, \$5,000.

Andrew Zorn, two-sty flats, 153 Belmont Ave.; cost, \$3,000.

Ed. Goest, three-sty flats, 4615 Langley Ave.; cost, \$4,000.

A. L. & T. D. Patterson, three-sty flats, 434 Forty-fifth St.; cost, \$39,000.

John Wallenbach, two-sty flats, 283 West Webster Ave.; cost, \$5,000.

W. Atzell, two-sty flats, 32 Utica St.; cost, \$4,300.

Mrs. Bulewinkle, three-sty flats, 4748 Evanston Ave.; cost, \$3,400.

Mrs. C. L. Smith, three-sty flats, 6326 Wharton Ave.; cost, \$6,000.

Walter Merchant, two-sty flats, 444 Englewood Ave.; cost, \$4,000.

Phillip Sherwood, four-sty flats, 3703-3707 Langley St.; cost, \$35,000.

Mrs. Annie Menchen, three-sty flats, 263 West Congress St.; cost, \$6,000.

New York, N. Y.—One Hundred and Twenty-third St., s s, 200' w Seventh Ave., 2 five-sty brick and brownstone flats; cost, \$44,000; owner, Mr. E. K. Smith; architect, Richard K. Davis.

Eighty-eighth St., n s, 175' e Avenue A, 4 five-sty brick and brownstone flats; cost, \$70,000; owner, John Schreiner, Jr.; architect, John Hauser.

One Hundred and Thirty-third St., s w cor. Twelfth Ave., one-sty brick flat, tin roof; cost, \$7,000; owner, Walter Webb, President N. Y. C. & H. R. R. Co., 15 West Forty-seventh St.; architect, Walter Katte, 15 West Forty-seventh St.

Mulberry St., No. 32, five-sty brick flat, tin roof; cost, \$15,000; owner, L. Pierano, 31 Mulberry St.; architect, J. King James, 1015 Temple Court.

Market St., No. 16, five-sty brick flat, tin roof; cost, \$20,000; owner, Isaac Gellas, 37 East St.; architect, Charles Rentz, 153 Fourth Ave.

Seventy-ninth St., s s, 150' e Tenth Ave., 2 five-sty brick flats, tin roofs; cost, \$40,000; owners, Powers & Welcker, 228 West One Hundred and Fifth St. and 510 West One Hundred and Sixty-eighth St.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

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Avenue B, n w cor. Eighty-seventh St., five-st'y flat, tin roof; cost, \$18,000; owners, Feehan & Hammer, 1113 Second Ave.; architects, Thom & Wilson, 1267 Broadway.

West Forty-fourth St., Nos. 437-439, five-st'y brick flat, tin roof; cost, \$28,000; owner, Wm. G. Jordan, 199 Second Ave.; architect, John W. McKenzie, 61 East Eleventh St.

Eighty-fourth St., s s, 119 w Avenue A, 2 five-st'y brick flats, tin roofs; cost, \$44,000; owners, Coulan Gannon, 131 East One Hundred and Eleventh St.; architect, John C. Burne, 1531 Third Ave.

Eldridge St., Nos. 196-198, 2 five-st'y brick flats, tin roofs; cost, \$35,000; owner, Elizabeth Herdtfeldter, 196 Eldridge St.; architect, Charles Rents, 153 Fourth Ave.

Second Ave., No. 120, five-st'y brick flat, tin roof; cost, \$25,000; owner, Laurent Schmaltz, 93 Second Ave.; architect, Bruno W. Berger, 80 Bible House.

St. Louis, Mo.—Two-st'y brick flat; cost, \$4,000; owner, W. C. Walls; contractor, J. T. Wells.

CHURCHES.

Columbia, Mo.—Three large churches are to be built shortly in this town.

Detroit, Mich.—Hess & Raseman, brick church, 59 Mullett St.; cost, \$12,000; also double brick store and dwell., 797-799 Michigan Ave.; cost, \$6,000.

New York, N. Y.—*Boulevard*, n e cor. West One Hundred and Fourth St., two-st'y brick church, peak slate roof; cost, \$50,000; owners, Southern New York Baptist Association, Park Row; architect, Henry F. Kilburn, 229 Broadway.

Philadelphia, Pa.—*Forty-seventh St.*, s Kingsessing Ave., chapel; contractor, James D. Arthur.

Susquehanna Ave. and *Twenty-eighth St.*, church; contractor, Arthur H. Williams.

Eleventh St., s Snyder Ave., two-st'y chapel; contractors, Beck & Comly.

FACTORIES.

Brooklyn, N. Y.—*Steuben St.*, s s, 225 s Myrtle Ave., three-st'y brick carriage-factory, tin roof; cost, \$6,000; owner, George A. Knott, 206 West Fifty-third St., New York City; architect, C. Huntington, 55 Liberty St., New York City.

Walworth St., n s, 150 w Park Ave., four-st'y brick factory, gravel roof; cost, \$14,700; owner,

BUILDING INTELLIGENCE.

Binns estate; architect, H. Gilvarry, 1 Broadway, New York City.

Philadelphia, Pa.—*Pennick St.*, w s, n Parrish St., four-st'y factory; contractor, John M. Anderson.

Annapolis St., No. 609-11-13, four-st'y factory; contractor, John McLaughlin.

St. Louis, Mo.—Two-st'y brick carriage factory; cost, \$3,000; owner, John Neuner; contractor, F. W. Lofthagen.

Two-st'y brick factory; cost, \$20,000; owner, Edw. Butler; contract, sub let.

Worcester, Mass.—*Parker St.*, two-st'y frame factory; owner, E. H. Butler; contractor, William Whitney.

HOSPITALS.

Dallas, Texas.—The building of a hospital building to cost abt. \$65,000 is contemplated.

HOTELS.

Mountain City, Tenn.—The building of \$40,000 hotel is contemplated.

Norfolk, Va.—The building of a hotel, to cost \$75,000, is contemplated on Willoughby Spit.

HOUSES.

Andover, Mass.—Frame dwell.; owner, Mrs. John Byers; builders, Hardy & Cole; architects, Longfellow, Alden & Harlow, Boston.

Arlington, Mass.—Frame dwell.; owner, Henry Swan; architects, Longfellow, Alden & Harlow, Boston.

Ashmont, Mass.—Frame dwell., 40' x 40'; owner, N. S. Myrick; contract to be let; architects, Loring & Phipps, Boston.

Baltimore, Md.—Wm. J. Armiger, 6 two-st'y brick buildings, e s Hunter Alley, bet. Third and Fourth Sts.

L. H. Robinson, three-st'y brick building, w s McCulloh St., bet. McMechin and Wilson Sts.

Alma A. McDowell, three-st'y brick building, w s Charles St., bet. Chase and Biddle Sts.

Julius Holtman, 2 two-st'y brick buildings, e s Hull St., bet. Marriott and Nicholson Sts.

Jas. W. Paca, 5 two-st'y brick buildings, e s Monroe St., beg. s e cor. Eagle St.; and 10 two-st'y brick buildings, s s Eagle St., e Monroe St.

F. J. Morton, three-st'y brick dwell., Charles St., w s, n Twenty-seventh St.

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Augustus Albert, 4 two-st'y brick dwells., Fort Ave., n s, e Jackson St.

Dr. W. A. Moale, 9 two-st'y brick dwells., Ostend St., s s, bet. Charles and Patapasco Sts.; 10 two-st'y brick dwells., Ostend St., s s, bet. Patapasco and Marshall Sts.; 3 two-st'y brick dwells., Patapasco St., e s; 3 two-st'y brick dwells., Marshall St., w s; 4 three-st'y brick dwells., Light St., w s, bet. Ostend and Gittings; and 4 two-st'y brick dwells., Marshall St., e s, bet. Ostend and Gittings St.

Brookline, Mass.—*Beacon St.*, frame dwell., 60' x 80'; owner, George L. Ongood; contract to be let; architects, Longfellow, Alden & Harlow, Boston.

Frame cottage for Walnut Hill Cemetery; builder, W. S. Mitchell; architects, Longfellow, Alden & Harlow, Boston.

Boston, Mass.—*Parkway*, near George St., Ward 1, three-st'y frame dwell., flat roof, 23' x 48'; owner, Vincent Bousagni; builder, Giuseppe Raggio.

Heath St., near Walden St., Ward 2, frame dwell., 22' x 40'; owner, Annie Thoms; builder, Charles Lemler.

Harrishof St., near Walnut Ave., Ward 21, two frame dwells., 28.10' x 42.8'; owner, Joseph Stone; builders, Ourish & Rich.

Blue Hill Ave., Nos. 62-64, Ward 20, 2 three-st'y frame dwells., flat roofs, 24' x 47.0'; owner, F. W. Kittredge; builders, Ourish & Rich.

Melville Ave., near Hooper St., Ward 21, three-st'y frame dwell., pitch roof, 24' x 43'; owner, R. Brown, Jr.; builder, J. W. Mason.

Norfolk St., cor. Laurel St., Ward 24, frame dwell., 24' x 36'; owner and builder, W. H. Haddock.

Green St., Nos. 29-31, Ward 23, two frame dwells., 20' x 58.6'; owner, Mrs. J. S. Williams; builder, W. H. Fossett.

Tilston Ave., near Mattapan St., Ward 24, frame dwell., 22' x 38'; owner, James King; builders, Porter & Richardson.

Grainger St., near Kingsbury St., Ward 21, three-st'y frame dwell., 21' x 47'; owner and builder, J. J. Johnston.

Kingsbury St., Nos. 3-11, Ward 21, 5 three-st'y frame dwells., flat roofs, 51' x 47'; owner and builder, J. J. Johnston.

Heron St., near Cottage St., Ward 23, one-st'y frame dwell., 15' x 20'; owner, J. B. McNutt; builder, Peter Cameron.

Columbia St., No. 147, cor. Columbia Pl., Ward 24, two-st'y frame dwell., hip roof, 32' x 32'; owners and builders, Burke Bros.

Home Ave., Nos. 7-9, Ward 25, two frame dwells., hip roofs, 24' x 30'; owners, R. & W. W. Richey; builder, T. F. Milne.

Oak Terrace, near Lauriat Ave., Ward 24, four frame dwells., 22' x 39', 23' x 30', and 22' x 30'; owner of one, Stillman B. Tucker; of the others, Benjamin Rockwell; builder, B. Rockwell.

Justin St., near Cambridge St., Ward 25, frame dwell., 25' x 32'; owner, Mrs. F. E. Jones.

Rockland Ave., near Grampian Way, Ward 24, frame dwell., 26.11' x 33'; owner, S. E. Perkins; builder, Alexander Brown.

Nonantum St., near Newton line, Ward 24, frame dwell., 21' x 31'; owner, Patrick Curley; builder, J. McCormick.

Milton St., near Moore St., Ward 1, frame dwell., 21.6' x 42'; owner, J. M. Sheehan; builder, G. C. Doyle.

Moore St., near Milton St., Ward 1, frame dwell., 21' x 42'; owner, Mrs. T. Meehan; builder, G. C. Doyle.

Main St., Nos. 42-44, Ward 5, three-st'y frame dwell. and store, flat roof, 22.6' x 50'; owner, William Denvir; builders, Donovan & Brock.

Centre St., No. 173, Ward 21, three-st'y frame dwell., flat roof, 25' x 52'; owners, Michael and Mary McCadden; builder, V. Bock.

Bennington St., No. 532, Ward 1, three-st'y frame dwell., flat roof, 21.6' x 31'; owner, Mrs. Owen Farley; builder, G. C. Doyle.

Decatur St., opp. No. 106, Ward 2, three-st'y frame dwell., flat roof, 21' x 49'; owner, W. H. Grainger; builder, T. Voerman.

Heath Ave., near Heath Pl., Ward 22, 2 three-st'y frame dwells., flat roofs, 29' x 22', and 24' x 40'; owners, Matthew Ade and Maria Norton; builders, Charles Lemler and W. McDonald.

East Lenox St., No. 36, Ward 18, three-st'y brick dwell., flat roof, 19.4' x 28.6'; owner and builder, H. D. O'Kurrus.

High St., Nos. 97-99, Ward 3, 2 three-st'y frame dwells., flat roofs, 22' x 54.6'; owner, Mary J. O'Reilly; builders, Donovan & Brock.

Paul Gore St., near Centre St., Ward 23, frame dwell., 28' x 54'; owner, H. H. Mitchell; builder, A. Sontag.

Wrentham St., near Ashmont St., also near Dorchester Ave., Ward 24, seven frame dwells., 24' x 35'; owner and builder, J. I. Stewart.

Bainbridge St., No. 19, Ward 21, three-st'y frame dwell., hip roof, 24' x 58'; owner, Mrs. C. Berran; builders, Ourish & Rich.

Parsons St., near Surrey St., Ward 25, two-st'y frame dwell., hip roof, 27' x 38.10'; owner, Nathan Brock; builder, J. A. Dooley.

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Winship St., near Union St., Ward 25, frame dwell., 34' x 32'; owner, Mrs. K. Dunphy; builder, J. A. Dooley.

Argyle Road, cor. Sutherland Road, Ward 25, two-sty frame dwell., hip roof, 55.6' x 57'; owner, James S. Stone; builder, A. H. Bailey.

Grace Ave., near Arcadia St., Ward 24, frame dwell., 26' x 43.6'; owner, Mary I. Nutting; builder, A. E. Smith.

Glen Road, near Harvard St., Ward 24, frame dwell., 24' x 36'; owner, John Jacobs; builders, W. H. Haddock & Co.

Kilton St., near Wheatland Ave., Ward 24, frame dwell., 25' x 40'; owner, Robert Glass; builder, W. A. Lent.

Walk Hill St., cor. Tileston St., Ward 24, frame dwell., 24' x 36'; owner, Frederick Wallis; builder, F. K. Perkins.

Beacon St., cor. Carleton St., 19 four-sty brick and stone dwells., flat and pitch roofs, 24' x 63'; owner, L. M. Merrill; contracts to be let; architects, Lewis & Paine.

Montclair Ave., near Centre St., Ward 23, frame dwell., 22' x 38'; owner, Miss A. T. Henry; builder, W. S. Mitchell.

East Lenox St., Nos. 32-38, Ward 18, 3 three-sty brick dwells., and one store, flat roofs, 19.4' x 28.6'; owners, H. D. O'Kunus and Uriah T. Stone; builder, H. D. O'Kunus.

Commonwealth Ave., Nos. 271-273, Ward 11, four-sty brick dwell., flat roof, 51.11' x 70'; owner, T. E. Proctor; builders, Norcross Bros.

Dorchester St., No. 124, cor. East Fourth St., Ward 14, three-sty frame dwell. and store, flat roof, 34.6' x 72'; owner, Amos T. White; builder, Horace Mansur.

Brooklyn, N. Y.—Park Pl., s. s. 180' w Kingston Ave., three-sty brick dwell., tin roof; cost, \$12,000; owner, Miss Allen Otis, 823 Prospect Pl.; architects, Albert L. Brockway, A. W. Lord, 149 Church St., New York City.

Hamilton Ave., w. s. 176' n Atlantic Ave., 2 two-sty frame dwells., tin roofs; cost, \$1,600 each; owner, Augusta Rosse, Sheridan and Lincoln Aves.; architect, Louis Rosse, Sheridan Ave.

Fourteenth St., n. s. 197' 6" e Eighth Ave., two-sty brick dwell., tin roof; cost, \$4,000; owner, Wm. Hawkins, 441 Fourteenth St.; architect, H. B. Hawkins, 441 Fourteenth St.

Harmon St., s. s. 100' e Central Ave., 2 three-sty frame dwells., tin roofs; cost, \$4,500; owners, Hahn Bros., 286 Central Ave.; architect, Albert Berckmeier, 101 Ralph St.

Lewis Ave., w. s. 75' s Floyd St., four-sty brick dwell., tin roof; cost, \$9,000; owner, Matthew Beck, 264 Rutledge St.; architect, Th. Engelhardt, 905 Broadway.

Maujer St., n. s. 125' e Humboldt St., 3 four-sty frame dwells., tin roofs; cost, \$6,200; owner, Joseph Friesa, 19 Ten Eyck St.; architect, Th. Engelhardt, 905 Broadway.

Burlington, Vt.—Summit St., brick and stone

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dwell., 60' x 90'; first story stone, second brick; French Gothic style; cost, about \$50,000; built by day; owner, Edward Wells; architect, E. A. P. Newcomb, Boston.

Chapquoit (near Falmouth), Mass.—Dwell., 34' x 47'; first story stone; upper wood; owner, H. S. Carruth; architect, W. Whitney Lewis, Boston.

Chicago, Ill.—F. W. Bohman, two-sty dwell., 1722 Alexander St.; cost, \$3,000.

Mrs. Mary Judson, three-sty dwell., 3366 South Park Ave.; cost, \$7,000.

Richard Peck, 7 two-sty dwells., Harvard and Seventy-fourth Sts.; cost, \$52,500.

John Hickey, three-sty dwell., 152 Thirteenth St.; cost, \$4,500.

O. A. Higgins, two-sty dwell., 1173 Central Park Ave.; cost, \$3,000.

Detroit, Mich.—Donaldson & Meier, brick dwell., 548 Congress St., east; cost, \$5,500.

Malcomson & Higginbotham, brick dwell., store and barn, 544 Michigan Ave.; cost, \$6,000.

James Marymont, double brick dwell., 145-147 Adams Ave., east; cost, \$6,000.

C. B. Calbert, brick dwell., 51 Rowena St.; cost, \$9,000.

Geo. E. Depew, brick dwell., 702 Trumbull Ave.; cost, \$4,500.

Peter Dederichs, Jr., double brick dwell., 245-247 Macomb St.; cost, \$3,500; also double brick dwell., 103-105 Madison Ave.; cost, \$7,000; also double frame dwell., 187-189 East High St.; cost, \$4,400; also four-sty brick manufactory, 68 Antietam St.; cost, \$5,000.

L. J. Quinn, frame dwell., 347 Warren Ave.; cost, \$3,500.

Jamaica Plain, Mass.—Robeson St., frame dwell., 26' x 46'; owner, W. H. Rideing; contract to be let; architects, Loring & Phipps, Boston.

Melrose, Mass.—Wyoming St., frame dwell., 40' x 45'; 10 rooms; owner, F. P. Woodbury; contract to be let; architects, Lewis & Paine, Boston.

Porter St., frame dwell., 50' x 60'; owner, E. H. Moore; contract to be let; architects, Lewis & Paine, Boston.

Minneapolis, Minn.—S. P. Rowe, 2501 Pleasant Ave., frame dwell.; cost, \$6,000.

Newton Highlands, Mass.—Hyde St., frame dwell., 25' x 35'; owner, John F. Barnes; contract to be let; architects, Lewis & Paine, Boston.

New York, N. Y.—Fifth Ave., s. s. 50' n Sixty-sixth St., four-sty stone dwell.; owner, Henry D. Havermeier; architect, Charles C. Haigh.

Manhattan Ave., n. w. cor. One Hundred and Third St., 6 three-sty brick dwells., tin roofs; cost, \$51,000; owner, Wm. J. Davenport, 319 West Twenty-second St.; architect, Wm. Howe, 176 Broadway.

One Hundred and Eighteenth St., s. s. 109' w St. Nicholas Ave., four-sty brick dwell., tin roof; cost, \$18,000; owner, Rev. J. J. Keagan, 247 West One Hundred and Twenty-first St.; architects, Thom & Wilson, 1267 Broadway.

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Walton Ave., Nos. 555-559, 3 five-sty brick dwells., tin roofs; cost, \$24,000; owner, Anna T. Dale, 641 Walton Ave.; architect, Wm. L. Dale, 641 Walton Ave.

One Hundred and Twentieth St., s. s. 410' w Fifth Ave., four-sty brick dwell., tin roof; cost, \$20,000; owner, Oscar Hammerstein, 2323 Seventh Ave.; architect, G. A. Schellinger, 128 Broadway.

Eighty-fifth St., s. s. 150' e Columbus Ave., four-sty brick dwell., tin roof; cost, \$25,000; owner, J. Bannon, 104 West Seventy-seventh St.; architect, G. A. Schellinger, 128 Broadway.

Philadelphia, Pa.—Broad St., n. Federal St., three-sty dwell.; contractor, John O'Donnell.

Bonal St., s. Federal St., 10 two-sty dwells.; owner, Thomas Hunter, M. D.

Poplar St., n. s. w. Fortieth St., 13 two-sty dwells.; contractor, W. C. Merritt.

North Sixty-third St., No. 331, two-sty dwell.; owner, Wm. Douglass.

Taney St., n. Parrish St., 2 two-sty dwells.; contractor, James Kelly.

Tree St., w. Eleventh St., 12 two-sty dwells.; contractors, Montgomery & Baxter.

Brunner St., e. Clarissa St., 10 two-sty dwells.; contractor, Charles Felin.

Carnac St., s. Rockland St., three-sty dwell.; contractor, W. J. Smith.

Green Lane, n. Mitchell St., two-sty dwell.; owner, W. H. Eddleman.

Lehigh Ave., e. Belgrade St., 8 two-sty dwells.; contractor, Owen McArdle.

Ludlow St., e. Forty-fourth St., 11 two-sty dwells.; contractor, Samuel W. Lewis.

Nineteenth St., s. Moore St., 4 two-sty dwells.; contractor, George A. Weigner.

Rittenhouse St., w. Wissahickon St., three-sty dwell.; contractor, Wm. W. Unsted.

Third St., w. s. and s. Gaskell St., three-sty dwells.; contractor, C. B. Prettyman.

Dutton St., s. Godfrey St., two-sty dwell.; owner, Charles F. Anstet.

Sixteenth St., n. McKean Ave., 10 two-sty dwells.; contractor, L. P. Simpson.

Wayne Ave., n. Denbie St., 8 two-sty dwells.; contractor, John Priestley.

Frankford Ave., n. Venango St., three-sty dwell.; owner, Conrad Pfaff.

Marriott St., No. 828, three-sty dwell.; owner, Harry Danato.

Ridge Ave., w. s. bet. College Ave. and Master St., 8 three-sty dwells.; contractor, John G. Ruff.

College Ave., n. s. 7 three-sty dwells.; contractor, John G. Ruff.

Twenty-first St., n. w. cor. Morris St., 4 two-sty dwells.; contractor, W. Henderson.

Crothers Ave., and Eighty-ninth St., 2 two-sty dwells.; owner, Belinda Rudolph.

Clinton St., n. Baker St., two-sty dwell.; contractors, McLaughlin & McNamara.

Nice St., n. Baker St., two-sty dwell.; contractors, McLaughlin & McNamara.

Foulkrod St., w. Large St., two-sty dwell.; contractor, Thomas Rush.

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Helen St., s Somerset St., 17 two-st'y dwells.; contractor, John J. Torpey.

Lebanon St., 2 three-st'y dwells.; contractors, Call Brothers.

Rochelle and Freedland Ave., 2 three-st'y dwells.; contractor, Charles E. Bartle.

Tioga St., w Seventeenth St., 2 three-st'y dwells.; owner, H. Oscar Smith.

D St., n Indiana Ave., two-st'y dwell.; contractor, Christian Eckert.

Duncannon and Third Sts., two-st'y dwell.; owner, M. G. Hook.

James and Ridge Aves., 6 three-st'y dwells.; contractor, H. J. Becker.

Master St., e Mascher St., three-st'y dwell.; owner, W. H. Hickman.

Seventy-ninth St. and Clearview Ave., two-st'y dwell.; owner, N. Stauff.

Thirty-ninth St., n e cor. Locust St., three st'y dwell.; contractors, Geo. Watson & Son.

Warren St., Nos. 3712-14, 2 two-st'y dwells.; contractor, Lewis Havens.

Beran and Belgrade Sts., n Lehigh Ave., 6 two-st'y dwells.; contractor, Owen McArdle.

Somerville, Mass.—Summit Ave., frame dwell., 40' x 40'; owner, J. Frank Wellington; contract to be let; architects, Loring & Phipps, Boston.

Summer St., cor. Central St., frame dwell., 40' x 96'; old colonial style; owner, John Haigh; contract to be let; architects, Loring & Phipps, Boston.

St. Louis, Mo.—Two-st'y brick dwell.; cost, \$2,800; owner and contractor, George Douglas.

Two-st'y brick dwell.; cost, \$5,000; owner, W. E. Homes; contractor, W. L. Balson.

Two-st'y brick dwell.; cost, \$2,600; owner, M. Daubignan; contractor, H. Drweuske.

Two-st'y brick dwell.; cost, \$3,000; owner, M. Kipp; contractor, V. De Greeff.

Two-and-one-half-st'y brick dwell.; cost, \$10,000; owner, H. Gehner; contractor, S. L. Jones.

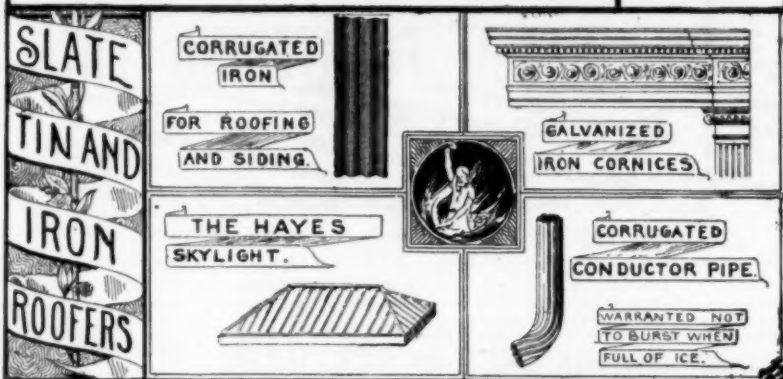
Two-st'y brick dwell.; cost, \$3,000; owner, A. Krechler; contractor, J. Schisler.

Two-st'y brick dwell.; cost, \$10,000; owner, Hy. Lange; contractor, A. Dietz.

Two-st'y brick dwell.; cost, \$3,700; owner, B. Redington; contractors, Stevens & Miller.

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Two-st'y brick dwell.; cost, \$5,000; owner, F. Oetgen; contractor, A. Wenkel.

West Newton, Mass.—Frame dwell., 28' x 40'; owner, Mr. Howe; contract to be let; architects, Loring & Phipps, Boston.

Winchester, Mass.—Frame dwell., 30' x 50'; owner, William F. Forsyth; contract to be let; architects, Loring & Phipps, Boston.

Worcester, Mass.—Whipple St., one-st'y frame dwell.; owner, J. Hagberg; contractors, Nilson & Silvén.

Cheever St., one-st'y frame dwell.; owner, T. Dugard; contractor, E. B. Rogers.

Harrison St., three-st'y frame dwell.; owner, D. Garvey; contractor, J. A. Kennedy.

Hacker St., three-st'y frame dwell.; owner, A. King; contractor, A. I. Fortie.

Cheever St., one-st'y frame dwell.; owner, T. Dugard; contractor, E. B. Rogers.

Marshall St., one-st'y frame dwell.; owner and contractor, N. Beuregard.

Brittain St., two-st'y frame dwell.; owner, C. F. Rice; contractor, Geo. M. Hubbard; architects, Barker & Nourse.

Pleasant St., two-st'y frame dwell.; owner, Franklin Carr; contractor, Geo. M. Hubbard.

OFFICE-BUILDINGS.

New York, N. Y.—Cortlandt St., Nos. 39-41, eleven-st'y brick and stone office-building; owner, J. Monroe Taylor; architects, Ross & Marvin, Brooklyn.

Philadelphia, Pa.—South Fourth St., No. 216, one-st'y office-building; contractors, Stacy Reeves & Sons.

Walnut St., No. 911, office; contractors, John C. Kelly & Son.

PUBLIC BUILDINGS.

Athens, Ga.—City-hall building to cost \$40,000 is contemplated.

Fernandina, Fla.—The building of a courthouse to cost \$18,000 is proposed.

Russellville, Ala.—\$10,000 courthouse for Franklin County will probably be built.

BUILDING INTELLIGENCE.

SCHOOL-HOUSES.

Baltimore, Md.—Contract for the building of Grammar and Primary School No. 19 has been secured by J. B. Yeatman at \$34,064.

Philadelphia, Pa.—Palmer St., n Thompson St., three-st'y school-house; contractor, W. R. Dougherty.

Woodbine and Sprague Sts., two-st'y school-house; contractor, M. McManus.

Sumter, S. C.—Building for Sumter Graded School to cost \$12,300 will be built; contractor, J. B. Carr.

STABLES.

Boston, Mass.—Champney St., rear, near Mercer St., Ward 15, frame stable, 20' x 25'; owner, William Dale; builder, Mr. Libby.

Washington St., rear, near Grove St., Ward 23, frame stable, 32' x 38'; owner, Henry Peters; builder, G. Hogan.

Brooklyn, N. Y.—St. Mark's Ave., s s, 219' w New York Ave., two-st'y brick stable, tin roof; cost, \$8,000; owner, Thos. Newcomb, New York and Atlantic Aves.; architect, Geo. F. Chappell, 24 State St., New York City.

College Pl., No. 16, four-st'y brick stable, tin roof; cost, \$20,000; owner and architect, Chas. M. Burtenshaw, 15 College Pl.

Minneapolis, Minn.—L. F. McKnight, rear cor. Park Ave. and Twenty-second St., brick veneer stable; cost, \$5,000.

New York, N. Y.—Pleasant Ave., n w cor. One Hundred and Twentieth St., two-st'y stable; cost, \$30,000; owner, August F. Schwartz; architect, Andrew Spence.

Philadelphia, Pa.—Orkney St., s Cambria St., two-st'y stable; contractor, Richard Humphries, Jr.

Harvey St., Nos. 34-36, two-st'y stable; contractor, Samuel Loughrey.

Twenty-second St., n w cor. Cambria St., two-st'y stable; contractor, Owen McKenna.

Nielsen St., e Second St., stable; contractor, R. Moffett.

Thirty-third and Moreland Sts., one-st'y stable; owner, Daniel Tetlow.

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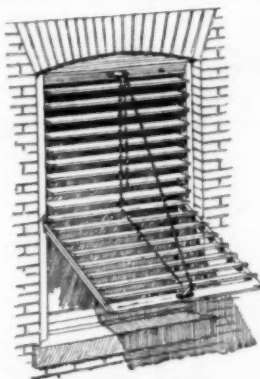


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Crouthers St., w Eighty-sixth St., stable; owner, Emil Goldhahn.
Belair St., e Sycamore St., two-st'y stable; contractor, Frank Gillett.
North Sixteenth St., No. 3509, two-st'y stable; contractor, W. H. Rookstool.
Oxford and Carlisle Sts., stable; contractor, J. R. Garber.
Adams St., No. 1560, one-st'y stable; contractor, Walter Fryday.

St. Louis, Mo. — Two-st'y brick stable; cost, \$3,000; owner, H. Gehner; contractor, S. L. Jones.

Worcester, Mass. — *Millbury Ave.*, one-st'y frame stable; owner, Mrs. Ann Carpenter; contractors, H. L. Putman & Co.

STORES.

Brooklyn, N. Y. — *Bedford Ave.*, s e cor. North Twelfth St., 2 four-st'y brick stores and dwells., tin roofs; cost, \$15,000 each; owner, Christian Friedmann, 174 South Ninth St.; architect, Chas. Rentz, 153 Fourth Ave., New York City.
Liconia Ave., n e cor. Osborn St., three-st'y frame store and dwell., tin roof; cost, \$6,500; architects, D. Acker & Son, 752 Broadway.
Thatford Ave., w s, 100' n Dumont Ave., three-st'y

frame store and dwell., tin roof; cost, \$3,500; owner, Jos. Morris, Osborn St.

Shepherd Ave., w s, 200' s Blake Ave., two-st'y frame store and dwell., tin roof; cost, \$3,000; owner, Louis Thiele, Sheffield Ave., near Eastern Parkway; architect, Chas. Infanger, 68 Van Sien Ave.

Fourth Ave., n w cor. Forty-fourth St., three-st'y frame store and dwell., tin roof; cost, \$7,375; owner, John B. Gargers, Fourth Ave., near Forty-fourth St.; architects, H. L. Spicer & Sons, Third Ave. and Fifty-third St.

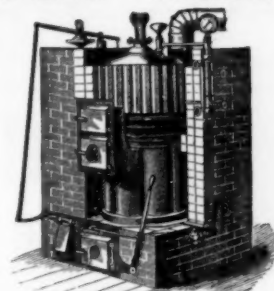
Knickerbocker Ave., s e cor. De Kalb Ave., 3 three-st'y frame stores and dwells., tin roofs; cost, \$4,200 each; owner, George Koch, Greene and Stuyvesant Aves.; architect, F. J. Lessing, 91 Ralph Ave.

Howard Ave., n w cor. Madison St., four-st'y brick store and hall, timber and tin roof; cost, abt. \$25,000; owner, East Brooklyn Building and Loan Association, 1361 Broadway; architects, I. & D. B. Hut-ton, 24 Park Pl.

Stone Ave., e s, 250' s Sutter Ave., 2 three-st'y frame stores and dwells., tin roofs; cost, \$4,500 each; owners, Regenbogen & Davis, 150 Varet St.

Osborne St., w s, 150' n Glenmore Ave., three-st'y frame store and dwell., tin roof; cost, \$4,500; owner, A. Ruth, Osborn St.

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Eastern Parkway, n s, 25' e Osborn St., three-st'y frame store and dwell., tin roof; cost, \$3,500; owner, John Powers, Van Sien Ave. and Eastern Parkway.

Eastern Parkway, s s, 50' w Sackman St., 2 three-st'y frame stores and dwells., tin roofs; owner, Wolf Patushmske, Christopher St.; architect, A. J. Warren, 2583 Atlantic Ave.

Greene Ave., s w cor. Hamburg Ave., 2 three and two-st'y frame store, dwell. and office, tin roofs; cost, \$9,000; owners, C. Heinbockel & Co., 19 Harmon St.; architect, Th. Engelhardt, Broadway and Wall St.

Wyckoff Ave., No. 30, bet. Troutmann and Starr Sts., three-st'y frame store and dwell., tin roof; cost, \$3,800; owner, Edmund Stein, 32 Wyckoff Ave.; architect, H. E. Funk, 11 Varet St.

Stone Ave., e s, 125' s Belmont Ave., three-st'y frame store and dwell., tin roof; cost, \$3,000; owner, Charles Retterman, Rockaway Ave.; architect, A. J. Warren, 2583 Atlantic Ave.

Osborn St., e s, 150' s Liberty Ave., 2 three-st'y frame stores and dwells., tin roofs; cost, \$4,200 each; owners, Cohen & Simon, Blake and Sackman Aves.; architect, A. J. Warren, 2583 Atlantic Ave.

Thatford Ave., e s, 75' s Livonia Ave., three-st'y frame store and dwell., tin roof; cost, \$3,000; owner, Solomon Wolfe, Belmont St., near Osborn Ave.; architect, A. J. Warren, 2583 Atlantic Ave.

Watkins St., e s, 100' s Dumont Ave., three-st'y frame store and dwell., tin roof; cost, \$3,000; owner, P. O. Halloran, Watkins St.; architect, A. J. Warren, 2583 Atlantic Ave.

Chicago, Ill. — Douglas Prouty, two-st'y store and flats, Ninety-third St. and Stonely Island Ave.; cost, \$6,000.

Albert Schacht, 2 three-st'y stores and flats, 282-284 Webster Ave.; cost, \$14,000.

A. Centello, three-st'y stores and flats, 43 Chapin St.; cost, \$4,000.

Maria Halupa, four-st'y store and flats, 900-902 Twelfth St.; cost, \$28,000.

H. Meyer, 2 two-st'y stores and flats, Sixty-eighth St. and Stonely Island Ave.; cost, \$6,000.

J. L. Hoerber, two-st'y store and flats, 1100 Oakley Ave.; cost, \$4,000.

W. C. Kinmary, four-st'y store and flats, 5622-5624 Lake Ave.; cost, \$14,000.

Thomas Lyons, 2 three-st'y stores and flats, 6132-6134 South Halsted St.; cost, \$15,000.

James Dzewyar, four-st'y store and flats, 1004 Hoyne Ave.; cost, \$15,000.

R. E. Ostergren, four-st'y store and flats, 3265 Cottage Grove Ave.; cost, \$10,000.

Trustees of St. Luke's Hospital, six-st'y stores and flats, 1423-1429 Michigan Ave.; cost, \$14,000.

P. O. Toole, three-st'y store and dwell., 1254 Forty-seventh St.; cost, \$5,000.

J. F. Crouse, three-st'y store and flats, 580 Thirty-second St.; cost, \$8,500.

A. N. Eiser, two-st'y store and flats, 862 Girard St.; cost, \$3,000.

James Klica, three-st'y store and flats, 1032 Nineteenth St.; cost, \$5,500.

Frank Dober, three-st'y store and flats, 4167 South Halsted St.; cost, \$6,000.

Jonathan Clark, 8 four-st'y stores and flats, 2334-2348 State St.; cost, \$40,000.

Charles Corazza, 2 three-st'y stores and flats, 1436-1438 West Harrison St.; cost, \$10,000.

Mrs. Carroll, three-st'y store and flats, 5489 Lake Ave.; cost, \$4,500.

J. G. Garibaldi, 3 five-st'y stores and flats, 283-285 Rush St.; cost, \$45,000.

Miss Mary E. Butler, three-st'y store and flats, 375 West Taylor St.; cost, \$5,000.

Fred Peket, three-st'y store and flats, 1361 Twenty-second St.; cost, \$3,600.

Mary McLain, three-st'y store and flats, 3626 Wentworth Ave.; cost, \$6,000.

Charles Remspurger, three-st'y store and flats, 2071 Wentworth Ave.; cost, \$4,000.

Charles Betzel, 2 four-st'y stores and flats, 333-335 Wood St.; cost, \$12,600.

Samuel Meyers, four-st'y store and flats, 176 Maxwell St.; cost, \$6,500.

James B. Ashford, seven stores and flats, Seventy-fifth St. and Ellis Ave.; cost, \$35,000.

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BUILDING INTELLIGENCE.

H. Brettman, three-sty store and dwell., 771-773 Armitage Ave.; cost, \$4,000.
Mrs. W. Bruhns, two-sty store and flats, 6101 Sangamon St.; cost, \$4,000.
John C. Becker, four-sty store and flats, 3652 Wentworth Ave.; cost, \$7,600.
E. G. Kohnert, three-sty store and flats, 609 Thirty-first St.; cost, \$5,000.

New York, N. Y.—Pleasant Ave., n w cor. One Hundred and Twentieth St., three-sty brick store building, tin roof; cost, \$20,000; owner, August P. Schwarzler, 445 East One Hundred and Twentieth St.; architect, Andrew Spence, 163 East One Hundred and Twenty-fifth St.

Forty-fifth St., n s, 75' w Eleventh Ave., four-sty brick store; tin roof; cost, \$7,000; owner, Charles Grall, 548 West Fortieth St.; architect, M. V. B. Perdon, 272 West Thirty-fourth St.

St. Louis, Mo.—Two-sty brick store and dwell.; cost, \$5,000; owner, W. Kessler; contractor, J. Senott.

Two-sty brick store and dwell.; cost, \$3,000; owner, M. Bohauski; contractors, G. Sterr & Co.

WAREHOUSES.

Baltimore, Md.—Frederick Euler will build a four-sty brick warehouse, n s Conway St., w Little Paca St.

Chicago, Ill.—Mathias J. Tillman, six-sty warehouse, 81 Illinois St.; cost, \$12,000.

Minneapolis, Minn.—H. F. Lillibridge, rear 13-19 Third St., s, brick warehouse and bakery; cost, \$22,000.

New York, N. Y.—Greenwich St., w s, 25' n Franklin St., six-sty brick and stone warehouse; cost, \$40,000; owner, Mrs. Annalie Coon; architect, G. A. Schellenger.

MISCELLANEOUS.

Brooklyn, N. Y.—Third St., 150' from Third Ave., 2 six-sty brick buildings, the Somerton Tin Plate Works, storage and manufacturing, tin roof; cost, \$30,000; owners, Somers Bros., Third St.; architect, D. M. Somers, Third St. and Third Ave.

Montauk Ave., e s, 100' s Atlantic Ave., two-sty frame wood-working mill, gravel roof; cost, about \$3,000; owner, Chas. Hancock, Snedecker Ave.

Throop Ave., w s, 33' n Gates Ave., two-sty brick supply depot, tin and slate roof; cost, \$10,000; owners, Brooklyn Association for Improving the Condition of the Poor, 104 Livingston St.; architect, John Mumford, 16 Court St.

Caldwell, Texas.—The building of a jail, to cost about \$18,000, is contemplated by Burleson County.

Chicago, Ill.—The prospect now is for a probable peaceful solution of the troubles between the employed and their employers, and we trust all will now go well with all.

M. D. Waxel, shed and office, 147 Forty-seventh St.; cost, \$9,000.

Columbia, Mo.—There is talk of building a Young Men's Christian Association Building here.

Detroit, Mich.—Henry Carey & Co., six-sty brick manufactory, 25-30 Fort St., east; cost, \$30,000; also double brick dwells., 166-168 Joseph Campau Ave.; cost, \$11,000.

Lexington, Ky.—The Kenton Club will build a three-sty brick building, to cost about \$25,000, from plans by Caldwell & Galvin.

Ludlow, Ky.—The I. O. O. F. will, it is stated, build a hall building to cost \$22,000.

Minneapolis, Minn.—Minneapolis St. Ry. Co., Lake Harriett, two-sty frame pavilion; cost, \$9,500.

Great Northern Ry., Fourth Ave., n, bet. Washington Ave. and Fourth St., one-sty brick freight house; cost, \$14,800.

New York, N. Y.—Pier 57 North River, foot West Twenty-seventh St., two-sty wood and iron storage house, peak and tin roof; cost, \$70,000; owner, Terminal Warehouse Co., 107 Produce Exchange; architect, Geo. B. Mallory, 50 Broadway.

Thirty-fourth St. and Fourth Ave., plans for the new armory as prepared by architect J. R. Thomas have been finally approved and estimates will be advertised for at once.

North Tonawanda, N. Y.—Young Men's Christian Association, four-sty brick and stone Association Building; cost, \$45,000; architect, W. H. Archer, Buffalo, N. Y.

Philadelphia, Pa.—Fitzwater St., w Juniper St., two-sty storage house; contractor, John O'Donnell.

Parish St., s s, w Twenty-ninth St., grain storage house; contractors, Kiester & Oren.

Thirty-eighth St. and Powelton Ave., two-sty riding academy; contractor, J. W. Helfrich.

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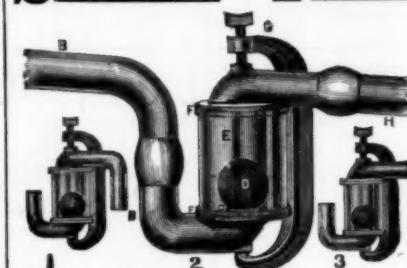
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PROPOSALS.

a certified check for a sum not less than two per cent of the amount of the proposal. 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 a Stable, Autopsy-room and Pipe-tunnel at the United States Marine Hospital building at Chelsea, Mass.," and addressed to W. J. EDBROOKE, Supervising Architect.

BUILDING INTELLIGENCE.

Asylum Pike, n Wingochocking St., one-sty dy-house; contractor, Wm. Yelland.

North Fifth St., No. 1020, hot-house; owner, Julius Ricks.

Third St., n Green St., shop; contractor, M. Schmid.

Charlotte St., s Girard Ave., two-sty machine shop; contractor, John F. Green.

York Road, s Mill St., shop; contractor, Albert Hamilton.

Front St., n Allegheny Ave., mission room; contractor, James Ball.

Ridge Ave. and Minerva St., shop; owner, Joseph M. Detterra.

Sixty-fifth St., s e cor. Woodland Ave., station and engine-house; contractor, James Bradley.

Tackawanna and Gillingham Sts., three-sty tank tower; contractor, E. Lyler Swope.

Tackawanna and Gillingham Sts., oil house; contractor, E. Lyler Swope.

Providence, R. I.—Stewart St., s e cor. Conduit St., six-sty brick building for manufacturing purposes; owners, S. & B. Lederer; builder, Elmer E. Carpenter.

St. Louis, Mo.—Three-sty brick packing-house; cost, \$17,900; owners, Bischoff & Vollbrink; contractor, Wm. Daman.

Tonawanda, N. Y.—Four-sty brick and stone business block, tin roof; for Chas. Williams; architect, W. H. Archer, Buffalo, N. Y.

Worcester, Mass.—Gold St. Cl., three-sty brick and stone storehouse; owners, Worcester Storage Co.; contractor, U. Jacques.

Locell St., one-sty frame greenhouse; owner, W. J. Wood; day work.

PROPOSALS.

To Wharf Builders and Contractors. Office of the Light-house Engineer, Third District, Tompkinsville, N. Y., August 7, 1891. Proposals will be received at this office until 12 o'clock, noon, of Tuesday, the 25th day of August, 1891, for furnishing the material and labor of all kinds necessary for removing the old wharf, building new wharf and dredging the basin at the Light-house Depot, Tompkinsville, N. Y. Plans, specifications, forms of proposals and other information may be obtained on application to this office. The right is reserved to reject any or all bids and to waive any defects. D. P. HEAP, Major of Engineers, U. S. A., Light-house Engineer, Third District.

To Iron Manufacturers. Office of the Light-house Engineer, Third District, Tompkinsville, N. Y., August 7, 1891. Proposals will be received at this office until 12 o'clock, noon, of Tuesday, the 25th day of August, 1891, for furnishing the material and labor of all kinds necessary for the completion and delivery of the metal-work for the North Wharf at the Light-house Depot, Tompkinsville, N. Y. Plans, specifications, forms of proposals and other information may be obtained on application to this office. The right is reserved to reject any or all bids and to waive any defects. D. P. HEAP, Major of Engineers, U. S. A., Light-house Engineer, Third District.

August 1, 1891. 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 August, 1891, for all the labor and materials required, and fixing in place complete, the low-pressure, steam-heating apparatus, etc., for the United States Marine Hospital at Evansville, Ind., in strict accordance with drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Evansville, Ind. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. 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, Steam-heating Apparatus, etc., for the United States Marine Hospital building at Evansville, Ind.," and addressed to W. J. EDBROOKE, Supervising Architect.

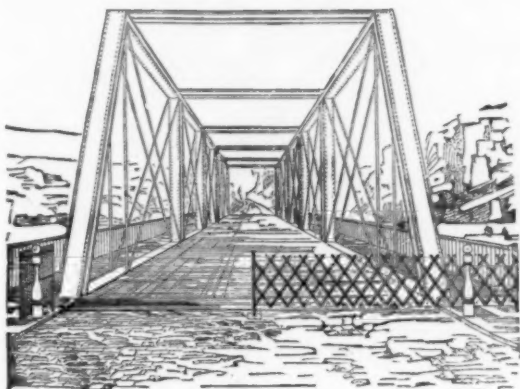
August 3, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock p. m. on the 25th day of August, 1891, for furnishing all the labor and materials required for the erection and completion of a stable, autopsy-room and pipe-tunnel at the United States Marine Hospital building at Chelsea, Mass., in accordance with drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Chelsea, Mass. Each bid must be accompanied by

SOME OF THE SPECIALTIES

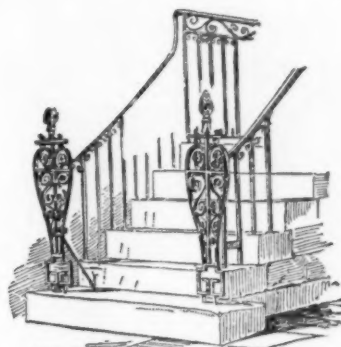
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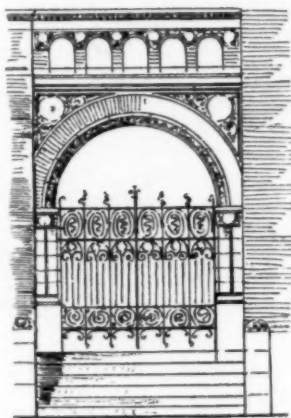
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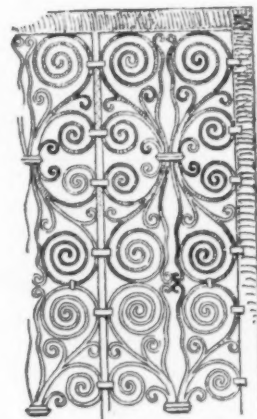
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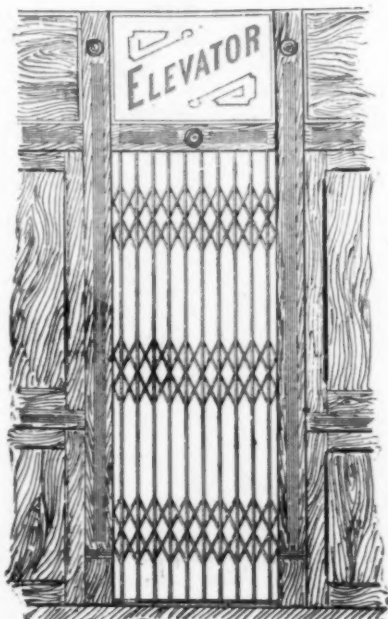
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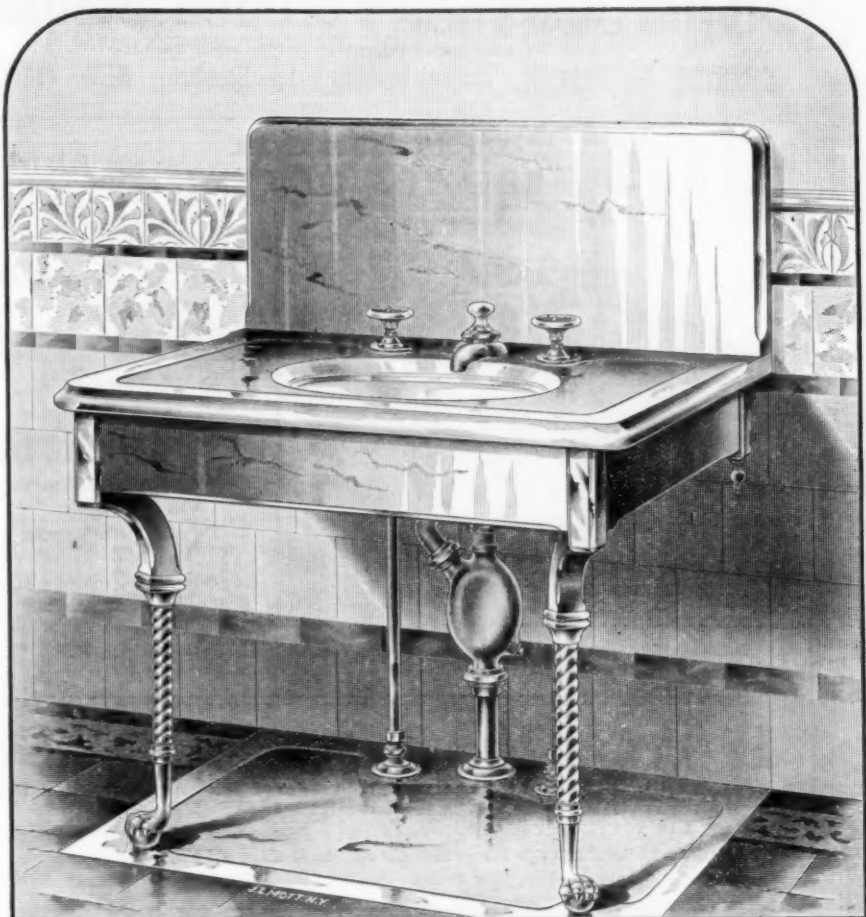


PLATE 933-G.

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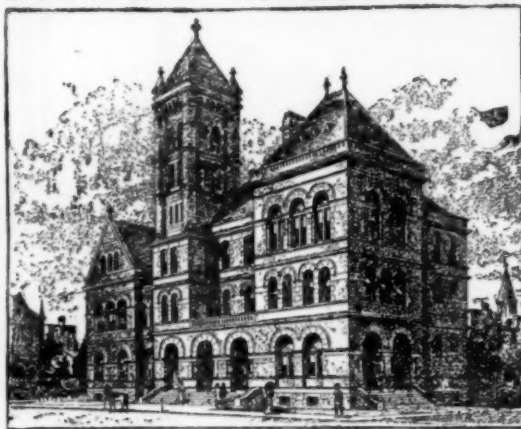
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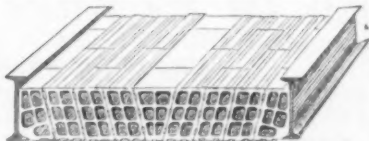
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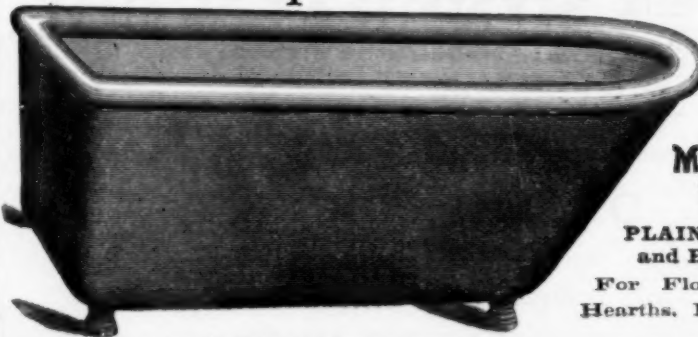
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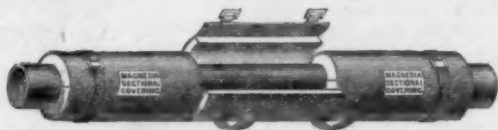
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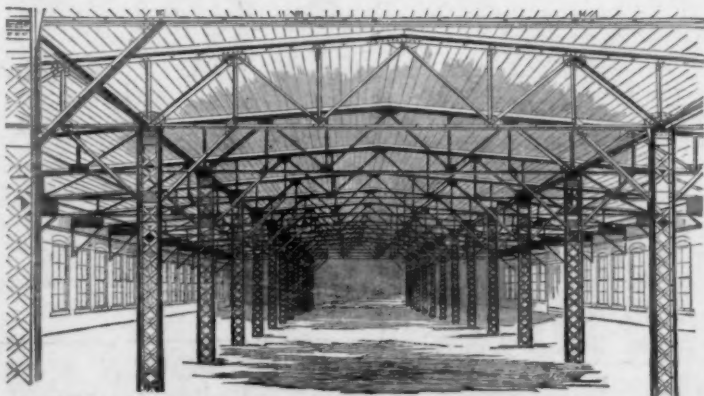
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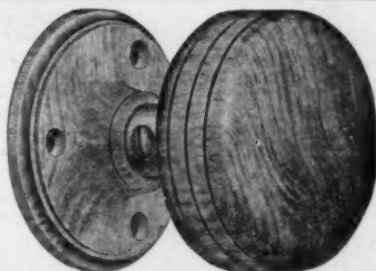
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THE AMERICAN ARCHITECT AND BUILDING NEWS

A WEEKLY JOURNAL OF CONSTRUCTIVE AND DECORATIVE ART.

VOL. XXXIII.—No. 817.]

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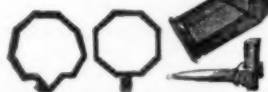
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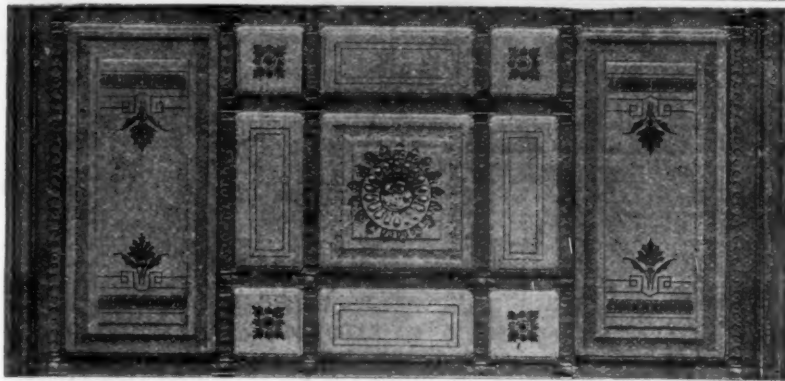
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Spruce.....

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Pine.....
Spruce.....
Hemlock.....
Yellow pine.....

Laths:

Pine.....
Spruce.....

Shingles:

Pine, shaved.....
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Cedar split.....
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Sycamore quartered.....
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Redwood.....
Rosewood.....
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Spruce.....
Hemlock.....
Yellow pine.....
Cypress.....

Clapboards:

Pine.....
Spruce.....

Framing Timber:

Pine.....
Spruce.....
Hemlock.....
Yellow pine.....

Laths:

Pine.....
Spruce.....

Shingles:

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Pine, sawed.....
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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.....

Boston.

(Prices to Builders and Contractors.)

Boards: (Ordinary dimensions.)

Pine, 1st quality, clear.....
" 2d quality.....
" 3d quality.....
Spruce.....
Hemlock.....
Yellow pine.....
Cypress.....

Clapboards:

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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:

Piles.....
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Chestnut posts.....

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Ash.....
Cherry.....
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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.....

Chicago.

(Prices to Builders and Contractors.)

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.....
Pine, sawed.....
Spruce, sawed.....
Redwood.....
Cedar split.....
Cedar sawed.....
Cypress, Split.....

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" St. Domingo.....
Maple.....
Oak, red.....
" white.....
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Sycamore quartered.....
Pine, clear.....
Redwood.....
Rosewood.....
Spruce floors (clear, kiln-dried).....
Walnut, black.....
Whitewood.....
Yellow pine.....

Philadelphia.

(Prices to Builders and Contractors.)

Boards: (Ordinary dimensions.)

Pine, 1st quality, clear.....
" 2d quality.....
" 3d quality.....
Spruce.....
Hemlock.....
Yellow pine.....
Cypress.....

Clapboards:

Pine.....
Spruce.....

Framing Timber:

Pine.....
Spruce.....
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Laths:

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Ash.....
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.....

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BUILDING MATERIALS.

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	New York.	Boston.	Chicago.	Philadelphia.
	(Wholesale Prices.)	(Prices to Builders and Contractors.)		In Yard.
BRICK.—P. M.				Sq. Hard @ 9 00
Common: Cargo afloat.				@ 7 00
Pale.....	2 00 @ 2 50	Eastern } 9 00 @ 10 00	Building Brick @ 6 50	Salmon @ 5 00
Jersey.....	4 00 @ 4 75	Bay State Hard 8 00 @ 9 00	Indiana Pressed 14 00 @ 20 00	Light Stretchers @ 10 00
Long Island.....	4 00 @ 5 00	Domestic Com. 9 50 @ 10 00	St. Louis Fronts @ 27 00	Medium " @ 12 00
Up River.....	5 00 @ 5 25	Domestic Face 20 00 @ 22 00	Philadelphia } 15 00 @ 27 00	Red " @ 13 00
Haverstraw Bay 2d.....	5 25 @ 5 50	Philadelpia } 40 00 @ 45 00	30 @ 100 00	Dark " @ 13 00
" 1st.....	5 25 @ 13 00	Phila. mould } 50 00 @ 80 00	35 @ 65 00	Pressed " @ 13 00
Hollow.....	@ 13 00	Anderson } 14 00 @ 32 00	55 00 @ 350 00	Best Paving 18 00 @ 20 00
Fronts:			45 00 @ 50 00	Second " @ 14 00
Croton, Brown.....	@ 13 00		60 00 @ 100 00	Third " @ 12 00
" dark.....	@ 14 00		30 @ 35	Dom. { @ 65
" red.....	@ 14 00		55 00 @ 65 00	@ 85
Chicago pressed (Anderson).....	37 00 @ 41 00			
" Moulded.....	23 00 @ 24 00			
Baltimore.....	22 00 @ 23 00			
Philadelphia.....				
Trenton.....				
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.—(Peak.)				
Rosendale Cement.....	90 @ 1 00	1 20 @ 1 40	Not sold.	1 30 @ 1 50
Louisville.....		Brooks, S. & Co. 1 05 @ 1 30	1 05 @ 1 30	BS&Co 2 75 @ 3 00
Utica, Akron, Buffalo, Milw'kee.....	Not sold.	2 60 @ 3 00	1 00 @ 1 25	2 85 @ 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
" Black Cross.....	2 25 @ 2 50	2 60 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" (Burnham).....	2 20 @ 2 50	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 75 @ 3 00
" French (Lafarge).....	3 00 @ 3 75	3 00 @ 5 00	3 75 @ 4 25	Hemmoor 2 50 @ 2 75
" German (Alsen).....	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	2 75 @ 2 85
" (Fewer).....	2 25 @ 2 40	3 15 @ 3 35	3 20 @ 3 40	Josson 2 60 @ 2 75
" (Vorwöhler).....	2 50 @ 2 90	Cleopatra 2 55 @ 3 00	3 25 @ 3 50	3 90 @ 3 25
" (Lagerdofer).....	@	3 00 @ 3 50	Not sold.	2 75 @ 2 85
" (Dyckerhoff).....	2 90 @ 3 25	2 55 @ 3 00	Not sold.	2 70 @ 3 00
" (Hanover).....	2 50 @ 3 00	3 00 @ 3 50	2 75 @ 3 25	3 00 @ 3 50
" Stettin (Anchor).....	2 35 @ 2 85		6 00 @ 7 00	6 50 @ 7 00
" American (Saylor's).....	2 15 @ 2 45	2 15 @ 2 50	9 00 @ 10 50	8 00 @ 9 00
Roman.....	2 75 @ 3 00			
Keene's coarse.....	5 75 @ 6 50			
" superfine.....	9 25 @ 10 25			
Lime:				
Lime of Tell.....	3 50 @ 4 00			
Hydraulic Lime.....	@ 1 45	@ 1 35	Not sold.	White Lime P bush 25 @ 30
Chicago Lime in bulk.....		St. John 1 60	55 @	{ White Mash 1 25 @ 1 50
Wisconsin Lime.....	@ 1 00	@ 1 05	60 @	1 00 @ 1 00
Rockland and Rockport, (Com.).....	@ 1 00	@ 1 10	Not sold.	
Rockland and Rockport, finish.....	@ 1 20	@ 1 20	Not sold.	
Kelley Island Lime, finish.....	@ 90	Not sold.	1 00 bulk, 75c.	Not sold.
State, com. cargo rates (nom.).....	@ 1 05	Not sold.	Not sold.	Not sold.
State, finishing.....	1 20 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	1 50 @ 2 25
Plaster of Paris (calcined).....	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
" (casting).....	16 @ 18	25 @ 30	20 @ 25	20 @ 25
Hair (Cattle) P bush.....	23 @ 25	@ 30	30 @ 35	30 @ 35
" (Goat).....	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
Sand, P load.....				
STONE.—(P cubic foot, rough.)				
Granite: (Maine)		@ 60		55 @ 65
Limestone:				75 @ 90
Bedford.....	45 @ 1 25	95 @ 1 00	r0 @	Richmond 75 @ 1 50
Joliet.....	@ 1 00		35 @ 55	P Perch @ 4 50
Lemont.....	@		35 @ 60	
Serpentine.....	@	10 50 per ton	@ 1 00	



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Black, brown, buff p lb.	24	24	24	24
Colorful p lb.	24	24	24	24
Red p lb.	3	3	3	3
White p lb.	175	175	175	175
Foundation:				
Dimensions...	5 00 p ton.	20	5 00	5 00
Block...	4 60 p perch.	20	Conshocken	1 45 @ 2 50
Rubble...	1 25 @ 1 50	8 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	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 Ohio...	75 @ 1 00	80 @ 90	55 @ 65	
Berlin...	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 00
New Brunswick (Dorchester)...	@ 1 00	75 @ 90		1 00 @ 1 00
Caen...	@ 1 05	@ 2 00		1 25 @ 1 00
Carlisle, English...	@ 1 05	@ 1 05		95 @ 1 00
Corse Hill (Scotch)...	@ 1 05	@ 1 05		
Marble: (p cu. ft.)				
Lee, Mass...	@	1 75 @ 2 50	Not Sold.	2 00 @ 2 50
Rutland, white and blue...	1 25 @ 1 75	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls...	@	@ 2 00	3 50 @ 6 00	1 70 @ 3 00
Glens Falls, black...	@	@	Not Sold.	4 00 @ 4 50
Italian, blue-veined...	@	@	@ 4 40	2 50 @ 2 75
" Siena...	@	@	Not Sold.	@ 5 00
Tennessee, red...	@	@	@ 4 40	4 00 @ 6 00
" Knoxville...	@	@	Not Sold.	3 00 @ 4 00
Pennsylvania, blue...	@	@	3 50 @ 6 00	2 00 @ 3 00
Vermont, white...	@	@		2 25 @ 3 00
Slate: 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...	4 25 @ 4 75	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" black, Lehigh...	@	@	6 25 @ 6 85	1 25 @ 4 00
" Chapmans...	5 50 @ 8 00	5 50 @ 8 00	7 30 @ 8 00	@ 4 65
" Unfading black, Monson, Me...	@	@	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am. p M.	@	@	Not Sold.	@ 25 00
N. Peach Bottom, warranted unfading.	@	@		6 00 @ 6 75
PAINTS. (In Oil p lb.)				
White lead, Am.	7 @ 7 1/2	7 1/2 @ 7 1/2	6 1/2 @ 7	@ 7 1/2
" zinc...	5 @ 8 1/2	@ 8	7 @ 10 1/2	@ 7
Red lead, Am.	6 1/2 @ 7	7 1/2 @ 7 1/2	6 1/2 @ 7	@ 7 1/2
" Venetian...	6 @ 10 1/2	7 @ 12	1 1/2 @ 2 1/2	dry Eng. @ 7
" Vermillion...	65 @ 70	75 @ 80 dry	65 @ 68	Eng. @ 76
" Indian, Eng.	12 @ 20	12 @ 20	12 @ 20	dry Am. @ 1 1/2
Yellow Ochre...	6 @ 15	7 @ 12	3 @ 15	@ 18
" Chrome...	12 @ 20	18 @ 25	15 @ 25	@ 21
Green (chrome)...	8 @ 13	8 @ 20	8 @ 20	" 15 @ 20
Green, Paris...	25 @ 40	25 @ 40	18 @ 35	@ 12
Black, lamp...	15 @ 25	15 @ 25	8 @ 30	@ 24
Blue, ultramarine...	12 @ 18	18 @ 30	12 @ 35	10 @ 24
Oil, linseed, (raw)...	55 @ 62	40 @ 41	57 @ 60	@ 63
" boiled...	58 @ 65	43 @ 44	60 @ 63	@ 64
Turpentine...	36 @ 37	41 @ 42	51 @ 51 1/2	@ 64
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 @ 4	2 @ 4	2 @ 2 1/2	2 @ 2 1/2
Whiting...	75 @ 1 00	1 @ 1 1/2	1 @ 1 1/2	@ 1
Paris white, (Eng.)...	1 30 @ 2 00	2 @ 3	1 1/2 @ 2	1 @ 2
Litharge, Am.	5 @ 6	@ 7 1/2	6 1/2 @ 7	@ 7 1/2
Siena (burnt)...	14 @ 20	14 @ 20	4 @ 16	4 @ 14
Umber...	14 @ 20	14 @ 20	2 @ 10 1/2	2 @ 13
HARDWARE.				
Nails: (Per Cask.) Spikes, (wrought.)	@ 2 85	@	2 75 @ 3 00	per keg @ 2 25
10d. common...	@ 2 60	@ 2 15	@ 2 35	@ 2 30
Shingle...	@ 3 35	@ 2 55	@ 2 75	@ 2 60
Lath...	@ 4 85	@ 3 45	@ 3 65	3 60 @ 4 75
(Finishing nails according to size.)	@	@	Add .85 to \$1.15	per lb. 4 @ 6
(For casing nails add 75 c. per keg.)	@	@	.50 to .50	Add per cask
Butts: 4" x 4" (p doz. pairs)...	@ 1 00	@ 1 20	@ 90	2 90 (all kinds.)
Plain...	@ 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 50	2 00 @ 3 25	48 @ 50
Bronze metal...	@ 10	@ 10	@ 12	@ 1 25
Brass (for cupboards)...	@	@	@	@ 1 00
Ebony...	@	@	@	@ 35
Apple wood...	@	@	@	37 @ 1 00
Knobs: (p set.)				
Mineral, best...	@ 8	@ 8	8 @ 10	@ 98
Lava...	@ 50	@ 75	65 @ 80	Not Sold.
Hemacite...	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	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...	@	@ 7 1/2	@ 7	13 1/2 @ 16
Lead Pipe...	@	@ 7	@ 6 1/2	@ 6 1/2
Iron:				
I-Beams, up to and including 36 ft....	3 3-10 @ 3 1/2	@ 3 1-10	@	@ 2 8-10
I-Beams, over 30 ft. 1/2, 3/4 c. advance...	@	@	3 30 @ 3 70	@ 2 8-10
Channel-Beams...	3 3-10 @ 3 1/2	@ 3 1-10	3 30 @ 3 70	@ 2 8-10

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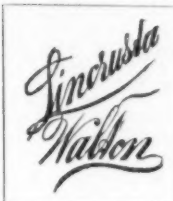
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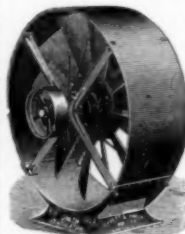
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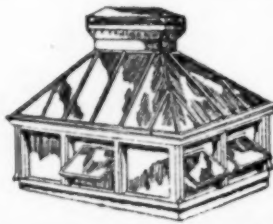
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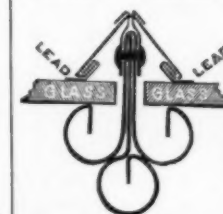
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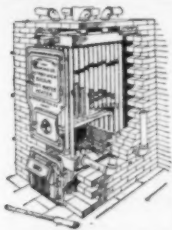
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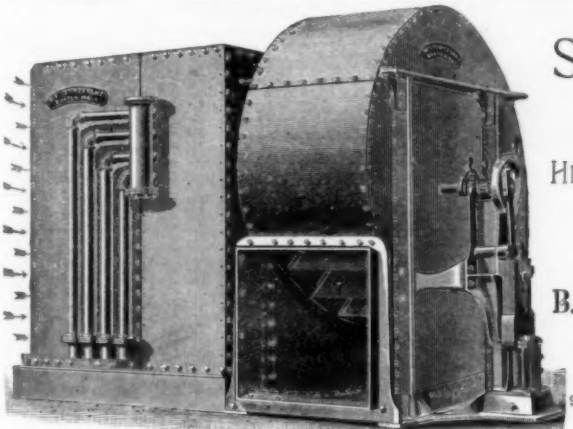
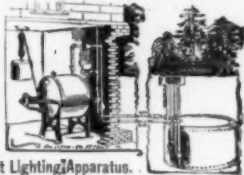
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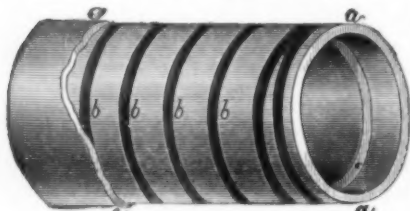
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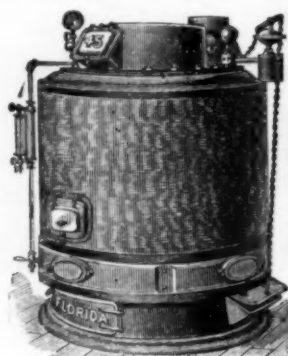
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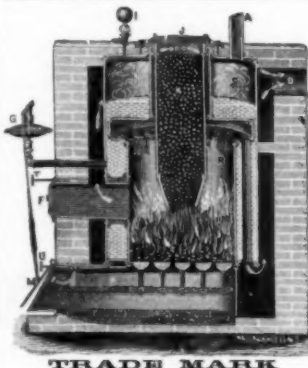
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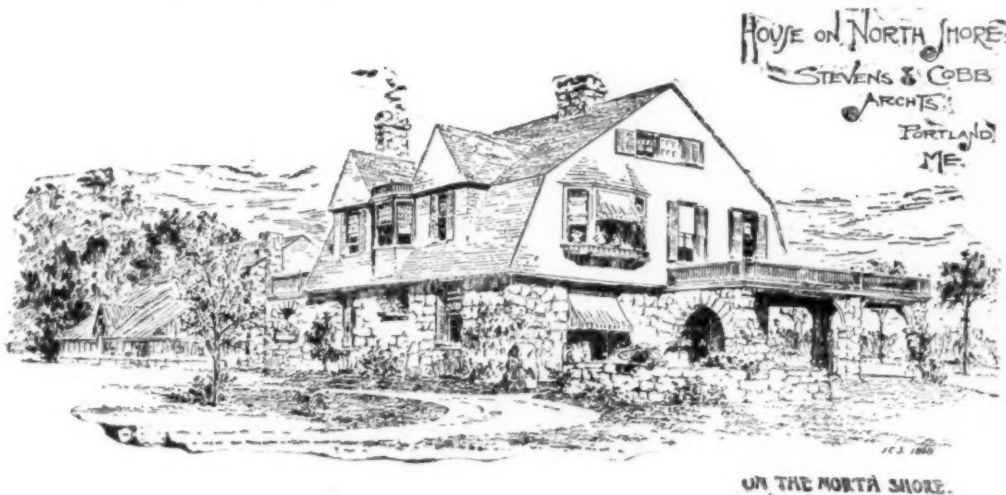
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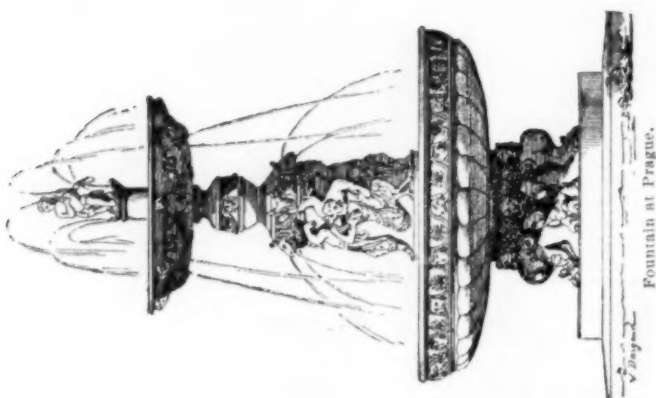
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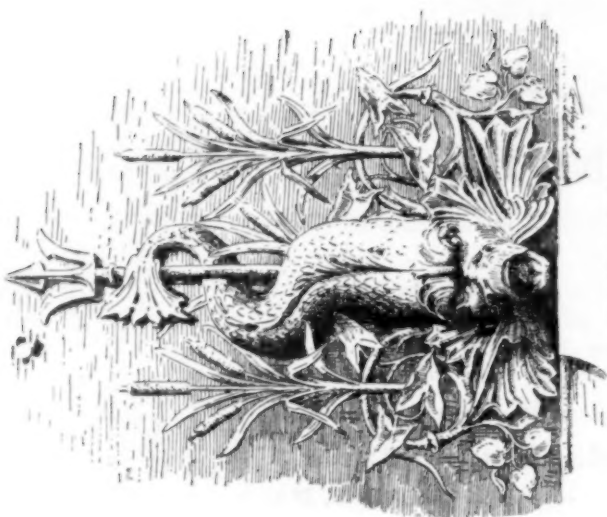
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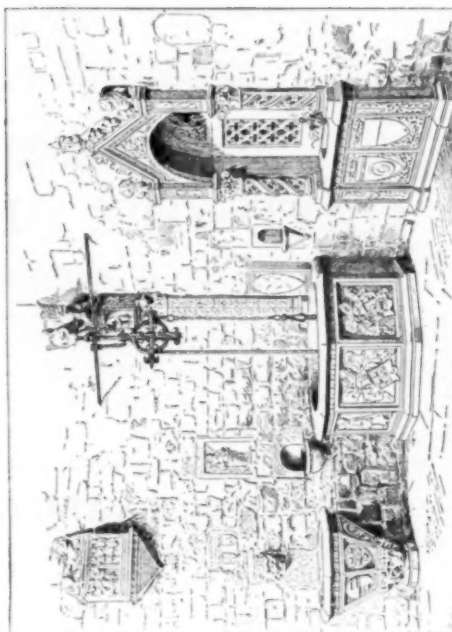
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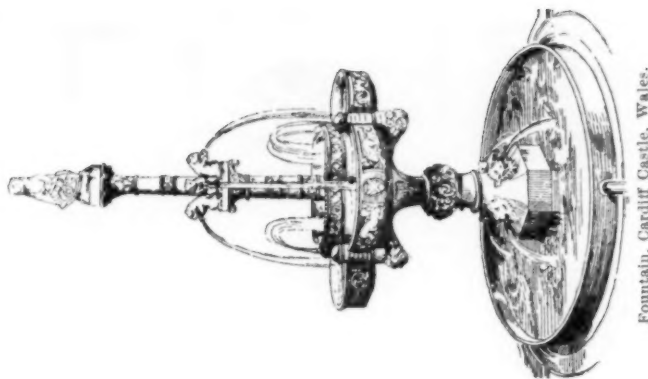
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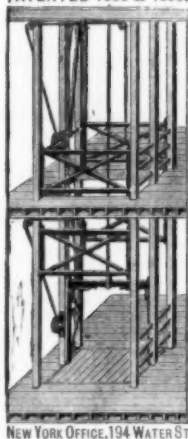
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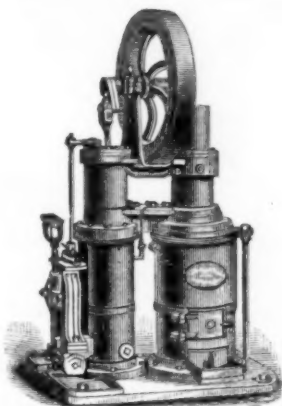
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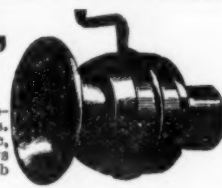
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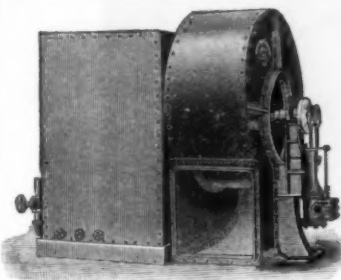
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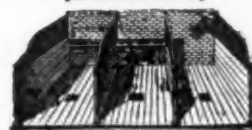
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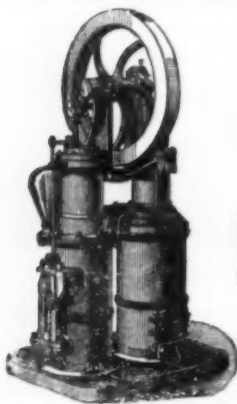
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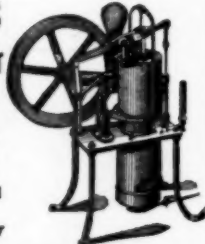
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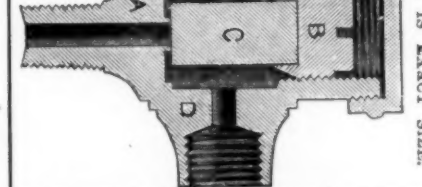
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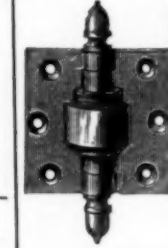
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J. B. PRESCOTT & SON (Webster, Mass.), Wall-Tie. Page xv.

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From Amsterdam.—Steamer "Rotterdam," 1,500 casks cement, order.
From Antwerp.—Steamer "Marengo," 24 cases marble, R. F. Downing & Co.; 2,780 barrels cement, order.
From Glasgow.—Steamer "Furnessia," 79 cases granite, W. C. Townsend. Steamer "State of Nebraska," 18 blocks stone, G. P. Sherwood; 226 boxes granite, Austin, Baldwin & Co.
From Hamburg.—Steamer "Dania," 1,120 casks cement, E. Thiele. Steamer "Taormina," 1,700 barrels cement, Nevada Bank.
From Havre.—Steamer "America," 28 bales cattle-hair, Lazard Freres.
From Hull.—Steamer "Colorado," 20 bales cattle-hair, New York Produce Exchange Bank; 104 bales cow-hair, order.
From Liverpool.—Ship "B. F. Packard," 31,000 fire-bricks, Hammill & Gillespie. Steamer "Runic," 65 logs walnut, 123 casks bricks, order.
From London.—Steamer "America," 1,000 casks cement, Howard Fleming; 500 do., E. Thiele; 500 do., Bank of British North America; 500 do., Marcell & Co.; 1,000 do., order. Steamer "Tower Hill," 500 casks cement, E. Thiele; 1,000 do., 200 bags plaster, order.
From Manzanilla.—Bark "Nicanor," 1,250 logs cedar, Wm. Wicke & Co. Steamer "Bohemia," 21 blocks marble, order.
From Plymouth.—Bark "Italia," 1½ tons bricks, Hammill & Gillespie.
From Rotterdam.—Steamer "Feendam," 1,000 casks cement, E. Thiele.
From Santa Cruz.—Steamer "Cidad Conada," 100 blocks marble, S. Klaber & Co.
From Stettin.—Ship "Mommensen," 3,951 barrels Portland cement, order. Steamer "Polynesia," 1,000 barrels cement, E. Thiele; 500 do., H. Marquardt & Co.; 8,800 do., 26 bales cow-hair, order.
From Wallace, N. S.—Schooner "Mary Rogers," 172 tons building stone, C. F. Woodward.
From Windsor, N. S.—Brig "C. C. Van Horn," 526 tons plaster, J. F. Whitney & Co. Brig "Falmouth," 773 tons plaster, J. F. Whitney & Co. Schooner "Uruguay," 1,339 tons plaster, J. F. Whitney & Co.

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(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., Nos. 7-15, Ward 10: eight-story brick annex to Hotel Reynolds, flat roof; 64.10' x 80'; owner, W. H. Drury, trustee; builders' Lord Bros.

Brooklyn, N. Y.—Leonard St., No. 56, three-story frame dwell., tin roof; three-story frame extension, tin roof; cost, \$3,000; owner, Mr. Greenblatt, 119 Boerum St.; architect, H. E. Funk, 11 Varet St.

Jefferson St., s w cor. Marcy Ave., one-story brick church, slate roof; one-story brick extension, slate roof, internal and other alterations; cost, \$3,000; owner, Trinity Presbyterian Church, on premises; architect, Montrose W. Morris, 45 Exchange Pl., New York City.

Lafayette Ave., Nos. 73-75, 2 three-story brick dwell., tin roofs; three-story brick extension, tin roofs; internal and other alterations; cost, about \$5,000; owner, B. Roessler, 65 Lafayette Ave.; architect, A. F. Norris, 213 Montague St.

Smith St., No. 19, three-story brick office-build., tin roof, two-story brick extension, tin roof, and internal alterations; cost, \$3,500; owner, P. H. McNulty, 12 Gallatin Pl.; architects, Wm. Field & Son, 1030 Gates Ave.

Chelsea, Mass.—Crescent Ave., remodeling dwell., for Walter Whittlesey; contract to be let; architect, S. S. Woodcock, Boston.

Chicago, Ill.—J. R. Flood, alterations and repairs, 112-118 Fifty-third St.; cost, \$28,000.

Charles Rhode, brick basement, 3640 Lowe Ave.; cost, \$3,000.

Jones & Webster, brick addition, 56-58 Woodlawn Park; cost, \$3,800.

Hiram H. Scoville, four-story addition, 250-254 Clinton St.; cost, \$58,000.

F. C. Heath, alteration barn to dwell., 4325 Emerald Ave.; cost, \$4,000.

H. C. Stacey, addition, 5434-5436 Monroe Ave.; cost, \$5,500.

Dr. William McCarty, addition, 347 Taylor St.; cost, \$4,000.

P. Monaghan, two-story addition, 166 Twenty-fifth St.; cost, \$3,000.

Frank R. Baker, two-story addition, 127-129 Market St.; cost, \$32,000.

J. A. Ebbie, two-story addition, 4845 Ashland Ave.; cost, \$3,000.

Thomas S. Wild, two-story addition, Indiana St., s w cor. Franklin St.; cost, \$8,000.

Reid & Murdoch, two-story addition, 220-222 Monroe St.; cost, \$24,000.

Greenpoint, L. I.—Constable Bros., New York, N. Y., have completed plans for addition to foundry; owners, Poulson & Eger.

Hudson, Mass.—Remodelling and addition, 30' x 40', to Unitarian Church; contract to be let; architect, S. S. Woodcock, Boston.

Pittsburgh, Pa.—Interior alterations to Pittsburgh Club-house; builders, A. & S. Wilson; architects, Longfellow, Alden & Harlow, Boston.

Spence St., remodeling and additions to dwell. for Charles N. Davis; builder, J. Myers; architect, W. Whitney Lewis, Boston.

St. Louis, Mo.—One-story addition to dwell.; cost, \$2,000; owner, W. C. Taylor; contractors, Cough & Mackey.

Altering toilet-room St. Louis National Bank; cost, \$2,500; contractor, C. E. Clark.

Toledo, O.—Rebuilding the Walbridge Building, St. Clair and Jefferson Sts., has been awarded to M. J. Malone. The building will be five stories, and constructed of brick and stone.

APARTMENT-HOUSES.

Boston, Mass.—Greenville St., No. 6, Ward 20, four-story brick apartments, flat roofs, 57' x 61'; owner, C. H. Wetmore; builder, E. T. Flewelling.

Dudley St., Nos. 221-223 and 227, cor. Greenville St., Ward 20, four-story brick apartments, flat roofs, 57' x 61'; owner, C. H. Wetmore; builder, E. T. Flewelling.

Brooklyn, N. Y.—Clifton Pl., n s 400' w Nostrand Ave., 4 three-story brick flats, gravel roofs; cost, \$10,000 each; owner, Chas. F. Hunt, 480 Putnam Ave.; architect, F. L. Hine.

Chicago, Ill.—John Jonson, 2 two-story flats, 170-172 Rhine St.; cost, \$3,200.

Mrs. Mary White, two-story flats, 3553 Prairie Ave.; cost, \$5,000.

M. Scoopes, three-story flats, 145 Newberry Ave.; cost, \$4,000.

Mrs. M. J. S. Hudson, two-story flats, 3148 Indiana Ave.; cost, \$6,000.

J. E. H. Hemman, two-story flats, 1542 Oakdale Ave.; cost, \$4,000.

Frank Behrens, three-story flats, 333 Washburn Ave.; cost, \$4,000.

John Shaw, two-story flats, 1814 Dewey Ct.; cost, \$3,000.

Ostong Bros., two-story flats, Ashland and Grace-land Aves.; cost, \$4,500.

L. Cohn, 3 two-story flats, 1170-78 California Ave.; cost, \$5,000.

Mrs. Annie McConville, two-story flats, 4390 Prairie Ave.; cost, \$6,000.

Albert R. Jurgenson, three-story flats, 203 North Carpenter St.; cost, \$6,000.

Henry H. Schmale, three-story flats, Avenue J and Sixty-eighth St.; cost, \$3,000.

Hugh Chitceek, two-story flats, Ashland Ave. and Nineteenth St.; cost, \$3,000.

James O'Neill, three-story flat, 721 West Taylor St.; cost, \$5,000.

Mrs. L. H. Well, three-story flat, 531 Burling St.; cost, \$8,000.

Miller & Barth, two-story flat, 5754-56 Wabash Ave.; cost, \$4,500.

Mrs. Mary A. Coulter, three-story flat, 810 Warren Ave.; cost, \$7,000.

A. Baldwin, two-story flat, 1138 Adams St.; cost, \$4,500.

Neil & Mahnke, 4 two-story flats, 5638-44 Green St.; cost, \$7,200.

H. E. Cinsor, two-story flats, 6418 Honore St.; cost, \$3,000.

D. H. Hayes, three-story flats, 683 West Monroe St.; cost, \$7,000.

M. Handley, two-story flats, 851 Kedzie Ave.; cost, \$4,000.

J. S. F. Batchen, 3 two-story flats, 328-330 Hampden Ct.; cost, \$24,000.

M. A. Hageman, two-story flats, 5639 Butterfield St.; cost, \$3,000.

John Alloway, three-story flats, 5809-5813 Indiana Ave.; cost, \$21,000.

A. P. Spencer, four-story flats, 4301-4307 Oakenwald Ave.; cost, \$40,000.

E. D. McKay, 2 two-story flats, Emerald Ave. and Fifty-sixth St.; cost, \$4,000.

Mrs. M. Curtin, two-story flats, 1007-1009 Sheffield Ave.; cost, \$3,500.

V. Knoblock, two-story flats, 263 St. Louis Ave.; cost, \$3,000.

K. Wegenio, four-story flats and hall, 137-139 Ewing St.; cost, \$15,000.

H. O. Olson, two-story flats, 433 North Hoyne St.; cost, \$3,200.

John Wenter, three-story flats, 1426-1428 Wabash Ave.; cost, \$3,000.

Martin Anderson, three-story flats, 140 Potomac Ave.; cost, \$6,000.

James Doyle, three-story flats, 468 South Paulina St.; cost, \$4,500.

Edward Van Dalsin, three-story flats, 3534 Stanton Ave.; cost, \$8,500.

Mrs. Mary Jank, two-story flats and barn, 909 Thirty-seventh St.; cost, \$6,000.

C. Tension, three-story flats, 252 West Ohio St.; cost, \$3,300.

Mrs. Mathilda Lehonpubl, three-story flats, 545 Sedgewick St.; cost, \$4,000.

Charles Mueller, three-story flats, 160 Fremont St.; cost, \$5,000.

John C. Corrigan, 2 two-story flats, Langley Ave. and Sixty-eighth St.; cost, \$4,000.

F. M. Richardson, two-story flats, 1622 Briar Pl.; cost, \$4,000.

L. Wagenknecht, two-story flats, 1486 Roscoe St.; cost, \$5,000.

George Almaroth, two-story flats, 1843 Halsted St.; cost, \$3,000.

J. Faken, two-story flats, 4755-4757 Loomis St.; cost, \$6,000.

Arthur J. Kirkwood, four-story flats, 334 La Salle Ave.; cost, \$20,000.

J. Hohndol, two-story flats, 673 Washburne Ave.; cost, \$3,500.

F. Bohl, three-story flats, 48 Lull St.; cost, \$4,000.

Karl J. Birclerod, three-story flats, 697 Dania St.; cost, \$5,500.

J. B. Taylor, two-story flats, 614 California Ave.; cost, \$3,000.

Mrs. M. Clancey, two-story flats, 3028 Emerald Ave.; cost, \$3,500.

Ludwig Brown, three-story flats, 1437 Wrightwood Ave.; cost, \$6,500.

F. Campbell, 2 two-story flats, 11 Station and 139 Leavitt St.; cost, \$4,000.

F. Campbell, 2 two-story flats, 15 Station St. and 45 Greenwood Ave.; cost, \$4,000.

Carl Baerch, three-story flats, 445 Potomac Ave.; cost, \$3,300.

A. Taylor, two-story flats, 1871 Taylor St.; cost, \$4,500.

O. A. Martin, two-story flats, 51 Hamlin Ave.; cost, \$5,000.

M. Gorman, two-story flats, 485 West Fourteenth St.; cost, \$5,000.

Fred Dahlin, two-story flats, 4620 Evans Ave.; cost, \$1,000.

John F. Lee, three-story flats and barn, 265-267 Noble St.; cost, \$3,000.

T. Reynertson, two-story flats, 730-732 North Rockwell St.; cost, \$4,000.

R. Reynertson, two-story flats, 768 North Rockwell St.; cost, \$1,000.

George Stange, three-story flats, 662 Ashland Ave.; cost, \$6,000.

W. D. Clark, three-story flats, 3628 Armour St.; cost, \$3,500.

A. Johnson, three-story flats, 1647 Briar Ave.; cost, \$5,000.

Henry Krester, 2 four-story flats, 556-558 Robey St.; cost, \$12,000.

J. L. C. Heing, two-story flats, 800 Englewood Ave.; cost, \$3,000.

F. Chambers, 2 three-story flats, 5447-5449 Monroe Ave.; cost, \$8,500.

A. Johnson, 2 two-story flats, 1105-1107 Bloomingdale Ave.; cost, \$4,000.

Claus Peterson, two-story flat, 9129 Exchange Ave.; cost, \$3,000.

J. H. Jacobs, two-story flats, 382 Augusta St.; cost, \$3,500.

Charles Julian, three-story flats, 1743 Fletcher St.; cost, \$4,900.

J. W. Kennedy, two-story flats, 1872 Reta St.; cost, \$3,000.

M. Fitzgerald, two-story flats, 4839 Union Ave.; cost, \$3,000.

Robert Grosser, two-story flats, 491 Armitage Ave.; cost, \$3,500.

John Condrick, three-story flats, 971 Washington Boulevard; cost, \$7,000.

F. F. Optiz, three-story flats, 271 Dayton St.; cost, \$6,000.

James McGuire, three-story flats, 314 Polk St.; cost, \$4,000.

Dennis Bergen, two-story flats, 840-842 Sixty-second St.; cost, \$6,000.

George C. Wells, 4 three-story flats, 5312-5318 Jackson Ave.; cost, \$25,000.

Patrick O'Connor, two-story flats, 491 Bowen Ave.; cost, \$6,000.

Frank Salles, two-story flats, 29 Sobieski St.; cost, \$3,000.

Jos. Hoffert, two-story flats, 1385 Lexington St.; cost, \$3,500.

Edward Thorman, two-story flats, 555 Thirty-fifth St.; cost, \$4,000.

Thomas Jubb, two-story flats, 1300 Fulton St.; cost, \$3,500.

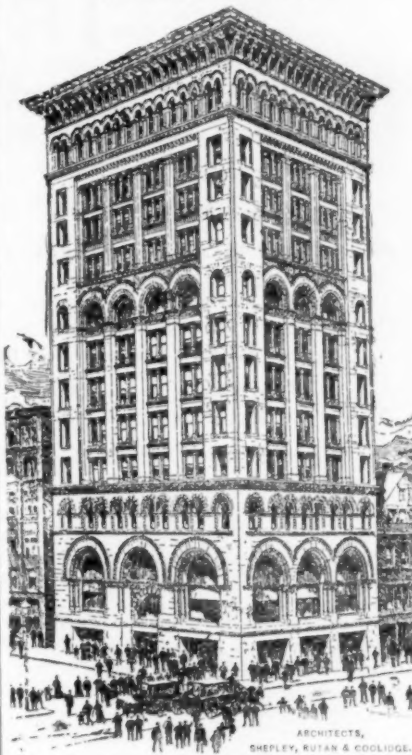
Joseph Novy, two-story flats, 1149 West Twenty-first St.; cost, \$3,300.

Minneapolis, Minn.—A. Cornabay, three-story block of flats, 13 Main St., s e; cost, \$10,000.

New York, N. Y.—West Twenty-second St., seven-story brick flat, plastic slate roof; cost, \$18,000; owner, John O'Neill, 388 Sixth Ave.; architects, Danmar & Fischer, 38 Park Row.

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West Twenty-first St., No. 211, five-story brick flat, tin roof; cost, \$20,000; owners, Wm. Drought, 465 West Forty-seventh St., and Charles J. Carew, 249 West Forty-second St.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

One Hundred and Twelfth St., n s 150' e Twelfth Ave., five-story brick flat, tin roof; cost, \$20,000; owner, John Shields, 1715 Madison Ave.; architect, John C. Burne, 1531 Third Ave.

King St., 84' 2 1/2' w Congress St., 3 five-story brick flats, tin roofs; cost, \$58,000; owner, McCormack & Madden, 319 East Fifty-sixth St.; architect, John Hauser, 1441 Third Ave.

First Ave., Nos. 1624-1626, 2 five-story brick flats, tin roofs; cost, \$32,000; owner, Emille Talbot, 25 East Forty-eighth St.; architect, William Graul, 215 Broadway.

Eighty-eighth St., n s 96' w Avenue B, 8 five-story brick flats, tin roofs; cost, \$136,000; owner, Jacob Schreiner, 110 West One Hundred and Twenty-first St.; architect, John Hauser, 1441 Third Ave.

Sixty-sixth St., n s 425' e Columbus Ave., five-story brick flats, tin roof; cost, \$20,000; owner, J. M. Grenell, 672 Columbus Ave.; architect, Charles M. Young, One Hundred and Sixty-second St. and Amsterdam Ave.

Lafayette Pl., seven-story brick flat, tile roof; cost, \$120,000; owner, O. B. Potter, 38 Park Row; architect, Francis H. Kimball, 40 Broadway.

St. Louis, Mo.—Two-story brick double flat; cost, \$8,000; owner, Mrs. O'Sullivan.

CHURCHES.

Chicago, Ill.—Rev. J. M. Gennet, two-story church and school, 3717-21 South Hoyne Ave.; cost, \$11,400. Irving Park Baptist Church, Irving Park Boulevard and Sheldon St.; cost, \$3,600.

Perryburgh, O.—First Congregational Church, brick and stone; cost, \$4,000; architect, A. B. Sturges.

FACTORIES.

Boston, Mass.—Beverly St., No. 26, Ward 7, four-story brick factory, flat roof, 20.8' x 60'; owner and builder, C. A. Millen.

Grand Rapids, Mich.—Three-story brick furniture factory; cost, \$25,000; owners, Stickley Bros. Mfg. Co.; builders, L. C. Davidson & Co. and Campbell & McNabb; architect, W. G. Robinson.

Six-story brick and stone furniture factory, etc.; cost, \$125,000; owners, Oriol Furniture Co.; builders, C. H. Pelton & Co. and Hosken & Maunders; architect, C. H. Pelton.

New York, N. Y.—Franklin St., No. 185, six-story brick factory, tin roof; cost, \$11,500; owner, J. W. Dimick, 67 Madison Ave.; architect, M. A. Ryan, 66 East Eighty-eighth St.

St. Louis, Mo.—Four-story brick factory; cost, \$9,400; owner, F. C. Riddle; contractors, F. Kohlmeier & Son.

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HOSPITALS.

St. Louis, Mo.—Two-st'y brick hospital; cost, \$4,500; owner, Maveta Parsus Hospital; contractor, C. B. McCormack.

HOTELS.

St. Louis, Mo.—Five and three-st'y brick hotel; cost, \$100,000; owner, Geo. Sauerbrun; contract sub let.

HOUSES.

Ashmont, Mass.—Welles Ave. and Ocean St., frame dwell., 30' x 57'; owner, W. E. A. Legg; builders, J. H. Burt & Co.; architect, Edwin J. Lewis, Jr., Boston.

Boston, Mass.—Cull St., near Caroline Ave., Ward 23, frame dwell., 23' x 41'; owner, J. M. Call; builders, Dime & Warner.

Dakota Ave., near Gaston St., Ward 21, frame dwell., 20' x 30'; owner and builder, Peter Graffam.

Dakota St., near Holborn St., Ward 21, frame dwell., 25' x 34'; owner and builder, Peter Graffam.

Atlantic Ave., near Leyden St., Ward 1, 2 two-st'y frame dwell., flat roofs, 22.6' x 29'; owner, T. D. Sullivan; builder, E. J. Turner.

East Eagle St., near Glendon St., Ward 1, 2 three-st'y frame dwell., flat roofs, 21.6' x 47'; owner and builder, C. K. Jewett.

Leyden St., near Breed St., Ward 1, two-st'y frame dwell., flat roof, 19' x 28'; owner, John Casson; builder, Chas. Doyle.

Catawba St., Nos. 34-40, Ward 21, 4 two-st'y frame dwell., flat roofs, 22' x 33.8'; owner, Nahum Ward; builder, W. T. Eaton.

Catawba St., near Homer St., Ward 21, 2 three-st'y frame dwell., flat roofs, 22.6' x 45'; owner, Silas Pierce; builder, Thomas Newby.

Bullard St., Nos. 12-14, Ward 24, two frame dwell., one 24' x 34', other 24' x 38'; owners and builders, G. L. and W. A. Davidson.

Neponset Ave., cor. unnamed St., Ward 24, frame dwell., 32' x 35.6'; owner, Josie E. Worthen; builders, Merrill Bros.

Unnamed St., near Neponset Ave., Ward 24, frame dwell., 32' x 35.6'; owner, Josie E. Worthen; builders, Merrill Bros.

Bordest St., No. 21, Ward 21, three-st'y frame dwell., flat roof, 52' x 42'; owner, James L. Walsh; builder, Frank Finn.

New St., No. 23, Ward 21, three-st'y frame dwell., flat roof, 22' x 42'; owner, James L. Walsh; builder, Frank Finn.

BUILDING INTELLIGENCE.

Idaho St., near Cedar St., Ward 24, frame dwell., 22' x 47'; owner, G. A. Needham; builder, A. M. Crowell.

Hyde Park Ave., near Canterbury St., Ward 23, frame dwell., 22' x 34'; owner, Thos. Morgan; builder, J. F. Sullivan.

Romsey St., near Dorchester Ave., Ward 24, three-st'y frame dwell., flat roof, 23.6' x 57'; owner, Frederick Hammill; builder, J. W. Keene.

Washington St., cor. Southern Ave., Ward 24, two-st'y frame dwell., hip roof, 32' x 37.6'; owner, A. E. Austin.

I St., near East Fifth St., Ward 14, three-st'y frame dwell., flat roof, 37' x 47'; owner and builder, D. C. Rogers.

Ayrton St., near Homer St., Ward 1, 2 three-st'y frame dwell., flat roofs, 22.6' x 45'; owner, Silas Pierce; builder, Thomas Newby.

Brooklyn, N. Y.—Prospect Ave., s s, 175' w Eighth Ave., 2 three-st'y brick dwell., tin roofs; cost, \$10,000; owner, Simon Henchel, 8 Jackson Pl.; architect, C. Braun, Fifth Ave. and Twenty-third St.

Woodbine St., n s, 25' w Knickerbocker Ave., three-st'y frame dwell., tin roof; cost, \$4,000; owner and architect, A. Berckmeier, 101 Ralph St.

Marion St., s s, 350' e Howard Ave., 4 two-st'y frame dwell., tin roofs; cost, abt. \$3,000 each; owner, Elizabeth P. McNab, 310 Livingston St.

North Sixth St., n s, 75' w Roebling St., three-st'y frame dwell., tin roof; cost, \$5,200; owner, Frank Parks, Roebling St., cor. North Sixth St.; architect, Th. Engelhardt, 905 Broadway.

McDonough St., n s, 300' e Tompkins Ave., 3 three-st'y brick dwell., tin roofs; cost, \$10,000; owner, John Fraser, 44 Rochester Ave.; architects, Amal Hill & Son, 1225 Bedford Ave.

Herbert St., n s, 53' e North Henry St., three-st'y frame dwell., tin roof; cost, \$4,500; owner, Peter Delap, 1022 Fulton St.; architect, O. E. Hoffse, 34 Troy Ave.

Salamanca Ave., s s, 64' w Leonard St., 2 three-st'y frame dwell., tin roofs; cost, \$7,000; owner, Louis Reicher, 75 Skillman Ave.; architects, D. Acker & Son, 732 Broadway.

Lafayette Ave., n s, 225' w Reid Ave., 6 two-st'y brick dwell., tin roofs; cost, \$4,500 each; owners, George Fletcher & Sons, 38 Grove St.

Fiftieth St., s s, 100' 6" w Third Ave., 2 two-st'y brick dwell., tin roofs; cost, \$2,500 each; owner, Lorenzi Gull, 232 Third Ave.

Pacific St., n s, 100' w Utica Ave., 12 two-st'y

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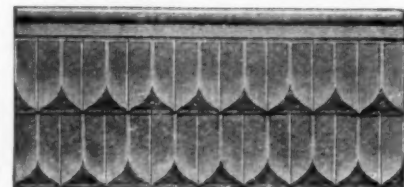


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frame dwell., gravel roofs; cost, \$2,000 each; owner, T. S. Demke, 724 Herkimer St.; architect, A. Hill, 460 McDonough St.

McDonough St., s s, 75' e Saratoga Ave., three-st'y frame dwell., tin roof; cost, \$3,500; owner, E. H. Blinn, 77 Coifer Ave.; architect, A. J. Warren, 2583 Atlantic Ave.

Second St., s s, 100' w Eighth Ave., 5 three-st'y brick dwell., tin roofs; cost, \$6,500; owner and architect, A. E. White, 445 First St.

Even St., w s, 100' s Jackson St., four-st'y frame dwell., tin roof; cost, \$5,000; owner, Leopold Michel, Graham St., near Meserole St.; architects, D. Acker & Son, 732 Broadway.

Scholes St., s s, 100' w Leonard St., four-st'y frame dwell., tin roof; cost, \$8,000; owner, H. Hoffmann, 135 Leonard St.; architect, Frank Holmberg, 1161 Broadway.

Wyckoff Ave., s w cor. Gates Ave., 4 three-st'y frame dwell., tin roofs; cost, \$20,000; owner, W. H. Barton, 10 Cooper Ave.; architect, Benj. Finkensleper, 93 Broadway.

Saydam Ave., s s, 225' w Knickerbocker Ave., three-st'y frame dwell., tin roof; cost, \$4,500; owner, John Clement, on premises; architects, D. Acker & Son, 732 Broadway.

Dean St., n s, 83' 4" e Utica Ave., 16 two-st'y frame dwell., gravel roofs; cost, \$1,800 each; owner, Charles A. Martin, 43 Pilling St.; architect, Chas. Terrey, 26 Garden St.

Boerum St., n s, 175' w Lorimer St., frame dwell., tin roof; cost, \$6,800; owner, Chas. Nacher, Stuyvesant Ave. and Pulaski St.; architect, Th. Engelhardt, 905 Broadway.

Lewis Ave., w s, 82' s Quincy St., two-st'y brick dwell., tin roof; cost, \$4,200; owner, Henry Peters, Stuyvesant and Lafayette Aves.; architect, Thos. Engelhardt, 905 Broadway.

Sullivan St., s s, 125' w Richard St., three-st'y frame dwell., tin roof; cost, \$5,500; owner, Catherine Leonard, 59 Sullivan St.; architect, Thomas Bromell, 67 Sullivan St.

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000; owner, Thomas Kilpatrick, 75 West Ninety-
fourth St.; architect, Alfred E. Barlow, 149
Broadway.West End Ave., s w cor. One Hundred and Fourth
St., three-sty brick dwell., tin roof; cost, \$20,000;
owner, Jane A. Brown, 124 Manhattan Ave.; archi-
tect, Ralph S. Townsend, 1300 Broadway.West End Ave., w s, 20 11th St., One Hundred and
Fourth St., 4 three-sty brick dwells, tin roofs;
cost, \$60,000; owner, Jane A. Brown, 124 Manhattan
Ave.; architect, Ralph S. Townsend, 1300 Broadway.Fifth Ave., s e cor. Seventy-second St., five-sty
brick dwell., peak tin and slate roof; cost, \$100,000;
owner, Jas. A. Burden, 139 Fifth Ave.; architect,
R. H. Robertson, 121 East Twenty-third St.Washington Ave., w s, 342 6th St., One Hundred and
Seventy-fifth St., 2 three-sty brick dwells, tin
roofs; cost, \$10,000; owner, Sarah J. Wekhoff, 1773
Washington St.; architect, Theo. E. Thomson, 247
West One Hundred and Twenty-fifth St.East Thirty-seventh St., No. 120, five-sty brick
dwell., tin roof; cost, \$35,000; owner, James C.
Fargo, 56 Park Ave.; architects, Romeyn & Stever,
48 Exchange Pl.One Hundred and Eighty-fifth St., s s, 225th W Tenth
Ave., two-sty brick dwell., tin roof; cost, \$5,000;
owner, Frank C. Smith, 639 East One Hundred and
Forty-third St.; architect, Wm. H. Russell, 71
Broadway.West Twenty-eighth St., No. 527, two-sty brick
dwell., tin roof; cost, \$3,000; owner, Frank Farrell,
525 West Twenty-eighth St.; architect, J. H. Collins,
204 West Eighteenth St.One Hundred and Sixtieth St., s s, 111 4th St., s s,
Nicholas Ave., 2 three-sty brick dwells, tin roofs;
cost, \$27,000; owner, Edward Lewis, 8 West One
Hundred and Thirty-fifth St.; architect, Richard R.
Davis, 247 West One Hundred and Twenty-fifth St.Philadelphia, Pa. - Flessner St., n Dumont St.,
three-sty dwell.; owner, P. Gramlee.McKean St., e Tenth St., two-sty dwell.; contrac-
tor, J. B. F. Johnson.Orthodox and James Sts., three-sty dwell. and
store; contractor, Wm. Morris.Parke St., w Twenty-first St., two-sty dwell.; con-
tractor, D. R. Evans.Wisconsin St., e Conly St., three-sty dwell.;
contractors, Plouche & Shoch.North Ninth St., No. 2310, two-sty dwell.; owner,
John Weible.Eastbrook St., below Eighty-first St., two-sty
dwell.; contractor, C. S. Kates.Eastbrook St., below Seventy-ninth St., two-sty
dwell.; contractor, C. S. Kates.Newbold and Ruscomb Sts., two-sty dwell.; con-
tractor, Charles S. Johnson.Cambria St., w Twelfth St., 3 two-sty dwells;
contractor, H. Downsborough.Dexter St., w Levering St., two-sty dwell.; con-
tractor, James Hughes.Plum St., e Jefferson St., two-sty dwell.; con-
tractors, Cox & Strickler.Terrace and Schur's Lane, three-sty dwell.; con-
tractor, Neil Melvaine.Adams St., s Duval St., three-sty dwell.; contrac-
tor, Howard Rue.Somerville, Mass. - Highland Ave., near Central St.,
frame dwell., 29' x 48'; owner, E. G. Humphrey;
builder, J. S. Kitch.Boston St., frame dwell., 33' x 36'; owner, J.
Abbott Clark; architects, E. K. & W. E. Blaikie.Broadway, near Cross St., frame dwell., 24' x 48';
owner, Mrs. Burns; builder, Wm. J. Griffiths; ar-
chitects, E. K. & W. E. Blaikie.**Passaic Rolling Mill Co.**
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BUILDING INTELLIGENCE.frame dwell., tin roof; cost, \$3,500; owner, Mrs. M.
Donnelly, 324 Twenty-second St.; architect, C. B.
Fish.Elton St., w s, n Arlington Ave., two-sty frame
dwell., shingle roof; cost, \$3,200; owner, architect
and builder, Howard Acker, 258 Arlington Ave.Barbey St., e s, 225th n Blake Ave., 3 two-sty
frame dwells, tin roofs; total cost, \$4,500; owner,
Mary Heyser, 2734 Fulton Ave.; architect, J. C.
Heyser.Phaiford Ave., s s, 100th e Glenmore Ave., 2 three-
sty frame dwells, tin roofs; cost, \$3,500 each;
owner, J. Stern, 172 Gwinnett St.; architect, Hugo
Smith, 27 Moore St.Cook St., s s, bet. Ewon St. and Graham Ave.,
four-sty frame dwell., tin roof; cost, \$5,000; owner,
Mary Kohl, 21 Cook St.; architect, Hugo Smith, 27
Moore St.Putnam Ave., n s, 200th e Reid Ave., 5 two-and-one-
half-sty brick dwells, tin roofs; cost, \$5,000 each;
owner, architect and builder, Wm. O. Forrester,
1090 Herkimer St.Harmen St., s s, 350th e Central Ave., 2 three-sty
frame dwells, tin roofs; cost, \$4,500 each; owner,
Wm. Berlinger, 169 Stanhope St.; architect, Henry
Vollweiler, 483 Hart St.St. Mark's Ave., s s, 219th w New York Ave., three-
sty brick dwell., tin roof; cost, \$18,000; owner,
Thos. Newcomb, New York and Atlantic Aves.;
architect, George P. Chappell, 24 State St., New
York City.Kildert St., n s, 100th e Evergreen Ave., 3 two-sty
frame dwells, tin roofs; cost, \$5,000; owner, Chas.
F. Gastmeyer, 52 Bleeker St.New York Ave., w s, 65th n Park Pl., two-sty brick
dwell., tin and slate roof; cost, \$17,000; owner,
Nathan T. Bens, 91 Gates Ave.; architect, Geo. P.
Chappell, 24 State St., New York City.Seigel St., No. 89, four-sty frame dwell., tin roof;
cost, \$6,500; owners, G. Levy & Co.; architects, D.
Acker & Son, 752 Broadway.Humboldt St., w s, 75th n Stag St., four-sty frame
dwell., tin roof; cost, \$6,500; owner, Geo. Dietrich;
architects, D. Acker & Son, 752 Broadway.Fifty-second St., s s, 100th w Fourth Ave., 4 two-
sty frame dwells, tin roofs; cost, \$3,000 each;
owners, Foley & Eade, Third Ave. and Fifty-second
St.**BUILDING INTELLIGENCE.**Putnam Ave., n s, 117th w Central Ave., 7 two-
sty frame dwells, tin roofs; cost, \$2,000; owners,
J. W. Lamb & Son, 1068 Putnam Ave.; architect,
A. J. Lamb, 1068 Putnam Ave.Belmont Ave., n e cor. Van Sielen Ave., two-sty
frame dwell. and store, tin roof; cost, \$3,900; owner,
Elias Helgus, Van Sielen Ave. and Eastern Park-
way, architect, Chas. Infanger, 58 Van Sielen Ave.Madison St., s s, 225th e Howard Ave., three-sty
brick dwell. and store, felt and gravel roofs; cost,
\$5,000; owners, Marquardt Bros., 693 Lexington
Ave.; architect, Jos. A. Brock, 1285 Broadway.North Henry St., s e cor. Van Pelt Ave., three-
sty frame dwell. and store, tin roof; cost, \$3,500;
owner, Henry Hindrim, 133 Meeker Ave.; architect,
F. J. Berlenbach, Jr., 560 Graham Ave.Chicago, Ill. - William Ashton, 4 three-sty dwells,
4210-16 Calumet Ave.; cost, \$20,000.F. B. Clark, 6 three-sty dwells, 4119-29 Drexel
Boulevard; cost, \$90,000.C. M. Coldwell, seven cottages, Greenwood Ave.
and Seventy-seventh St.; cost, \$10,000.W. O. Budd, two-sty dwell., Rosenmekil and
Wright Sts.; cost, \$4,000.William Clancy, two-sty dwell., 483 Bowen Ave.;
cost, \$3,500.M. J. Brennan, two-sty dwell., 4018 Vincennes
Ave.; cost, \$3,500.B. F. Webber, two-sty dwell., Meadow and Web-
ber Aves.; cost, \$3,000.Frank S. Amick, two-sty dwell., Pearl and Forty-
first Sts.; cost, \$3,500.D. Muir, two-sty dwell., 6327 Peoria St.; cost,
\$3,000.Alfred L. Wund, 2 two-sty dwells, 7937 and 7953
Union St.; cost, \$3,000.Robert Prentman, two-sty dwell., 8460-62 Buffalo
Ave.; cost, \$5,200.Baird & Howlands, 4 two-sty dwells, Seventy-
ninth and Kobey Sts.; cost, \$9,000.Dorchester, Mass. - Wales St., frame dwell., 27' x
39'; owner, Mrs. Annie S. Banfield; contract to be
let; architect, Edwin J. Lewis, Jr., Boston.Ashmont St., frame dwell., 40' x 40'; owner, Mrs.
Georgiana T. Strand; builder, W. J. Smith; archi-
tect, Edwin J. Lewis, Jr., Boston.

New York, N. Y. - West Ninety-second St., Nos. 54-

Roofing Materials.

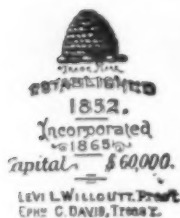
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Francis St., off Porter St., frame dwell., 21' x 24';
owner and builder, W. L. Gildden.
Bradley St., near Pearl St., two frame dwells., 21'
x 27'; owners, Baker & Hunt; builder, A. M. God-
frey.

Webster Ave., cor. Tremont St., three-st'y frame
dwell., 22' x 50'; owner, Mary Fitzpatrick; builder,
John McGirr.

Jenny Lind Ave., near Medford St., frame dwell.,
27' x 40'; owner, Mary Pierson; builder, L. W.
Hutchinson.

Adrian St., frame dwell., 20' x 34'; owner and
builder, J. W. Connor.

Bowdoin St., frame dwell., 20' x 35'; owner and
builder, Israel P. Rice.

Orchard St., cor. Mason Ave., frame dwell., 25.3'
x 37'; owner, Cora J. Chadburne; builder, J. E.
Herrick; architect, J. Foster Ober.

Elm St., near Lincoln Ave., two frame dwells., one
14' x 39', other 24' x 29'; owner, W. K. Fletcher;
builder, Wm. Brooks.

Knoxton St., two frame dwells., 22' x 29'; owner,
Nathaniel H. Reed; builders, Hudson & Lewis.

Beacon St., No. 270, frame dwell., 23' x 36'; owner,
Thomas Walsh; builder, Lawrence M. Hill.

Hancock St., frame dwell., 28' x 43'; owner and
builder, Chas. S. Roach.

Linden Ave., near Summer St., frame dwell., 20' x
35'; owner and builder, Adelbert D. Rice.

Albion St., frame dwell., 21' x 30'; owner, S. S.
Higgins; builder, A. A. Smith.

Lincoln Ave., rear No. 23, off Lincoln St., two
frame dwells., one 35' x 50', other, 35' x 36'; owner
and builder, H. A. Clarry.

Minot St., off Ames St., frame dwell., 23' x 29';
owners and builders, S. & C. H. Williams.

St. Louis, Mo. — Two-st'y brick dwell.; cost, \$3,500;
owner, J. F. McMahon; contractor, J. McMahon.

Two-st'y brick dwell.; cost, \$3,500; owner, H.
Nielsen; contractor, G. Meisler.

Two-st'y brick dwell.; cost, \$3,500; owner, M.
Lowmigan; contractor, J. Woelker.

Two-st'y brick dwell.; cost, \$6,000; owner, L. L.
Salveter; contractors, Nicholson Bros.

Two-st'y brick dwell.; cost, \$2,800; owner, H.
Meyer; contractor, F. W. Glese.

Two two-st'y brick dwells., cost, \$5,000; owner
and contractor, C. C. Newberry.

Two-st'y brick dwell.; cost, \$5,800; owner, W. M.
Dekker; contractor, D. G. Hughes.

Two two-st'y brick dwells.; cost, \$5,000; owner
and contractor, J. C. Newberry.

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Two-st'y brick dwell.; cost, \$3,800; owner and
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Two-st'y brick dwell.; cost, \$4,500; owner, A. L.
Smith; contractor, F. Westphal.

Two-st'y brick dwell.; cost, \$3,000; owner and
contractor, G. W. Pipe.

Three two-st'y brick dwells.; cost, \$15,000; owner
and contractor, F. Manning.

Two-st'y brick dwell.; cost, \$3,500; owner and con-
tractor, N. B. Lawrence.

Two-st'y brick dwell.; cost, \$4,500; owner, P.
Jine; contractor, B. Koesters.

Two-st'y brick dwell.; cost, \$3,000; owner, P. J.
Dreyer; contractor, Dreyer Bros.

Two-st'y brick dwell.; cost, \$3,000; owner, H.
Kansel; contractor, K. Doerrie.

Two-st'y brick dwell.; cost, \$6,000; owner, Mrs.
Chapman; contractor, T. H. Bussey.

Two-st'y brick dwell.; cost, \$3,500; owner, J. J.
Zimmerman; contractor, J. Doll.

Two-and-one-half-st'y brick dwell.; cost, \$2,600;
owner, Jno. Wagner; contractors, Zwicki & Doer-
finger.

Two-st'y brick dwell.; cost, \$7,800; owner, J. B.
Holman; contractor, C. B. McCormack.

Two-st'y brick dwell.; cost, \$5,000; owner and
contractor, C. R. Travers.

Two-st'y brick dwell.; cost, \$3,100; owner, P.
McKory; contractor, G. M. Roeder.

Two-st'y brick dwell.; cost, \$4,467; owner, O. E.
Baehr; contractor, J. Delschneider.

Two-st'y brick double dwell.; cost, \$4,500; owner
and contractor, F. W. Mathies.

Two-st'y brick dwell. and store; cost, \$25,000;
owner, L. B. Tebbets; contractor, D. Evans.

Two-st'y brick dwell.; cost, \$3,000; owner, Hattie
A. Besh; contractor, G. Neukoum.

Three-st'y brick dwell.; cost, \$4,000; owner, G. H.
Lindhorst; contractor, C. M. Smiley.

Two-st'y brick dwell.; cost, \$6,000; owner, J. D.
Marley; contractors, Nicholson Bros.

Two-st'y frame dwell.; cost, \$10,000; owner, F.
Ferris; contractor, J. Coultas.

BUILDING INTELLIGENCE.

Three-st'y brick dwell.; cost, \$4,300; owners, St.
Louis Mutual House Building Co.; contractors,
Thomson & Merz.

Three-st'y brick dwell. and store; cost, \$8,000;
owner, M. Kaufman; contractor, J. Schenck.

Three-st'y brick dwell. and store; cost, \$3,600;
owner, J. Stinier; contractor, F. Knittel.

Two-st'y brick dwell.; cost, \$5,000; owner, C. C.
McDonald; contractor, H. Thomsen.

Three-st'y brick dwell.; cost, \$3,200; owner, H.
Muller; contractor, C. Riekman.

Two-st'y brick dwell.; cost, \$12,000; owner, Char-
lotte Sluder; contractors, Bothe & Raterman.

Two-st'y brick dwell.; cost, \$11,000; owner, Dr. P.
French; contractor, J. Tierney.

Two-st'y brick dwell.; cost, \$6,000; owner, G. A.
Zeller; contractor, G. Koch.

Two-st'y brick dwell.; cost, \$7,000; owner and con-
tractor, A. J. Riddle.

Two-st'y brick dwell.; cost, \$3,500; owner, D.
Hyde; contractor, J. A. Stanton.

Two-st'y brick dwell.; cost, \$6,300; owner, J. W.
Perry; contractor, A. Wagoner.

Two-st'y brick dwell.; cost, \$6,000; owner, Mrs.
M. Dow; contractors, Ittner & Spore.

Two-st'y brick dwell.; cost, \$3,000; owner, John
Kerber; contractor, V. De Greff.

Two-st'y brick dwell.; cost, \$4,000; owner and con-
tractor, J. McMahon.

Two-st'y brick dwell.; cost, \$2,700; owner, E. W.
Dette; contractor, J. T. W. Dette.

Two-st'y brick dwell.; cost, \$3,000; owner, C. S.
Krauss; contractor, J. J. Bisantz.

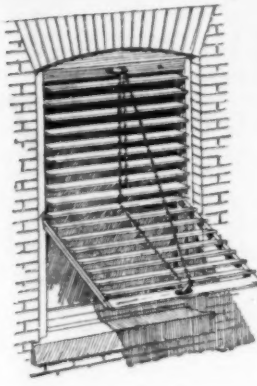
Two-st'y brick dwell.; cost, \$2,600; owner, Edw.
Keller; contractor, J. L. Kuhnner.

Two-st'y brick double dwell.; cost, \$4,600; owner,
James Carr; contractor, C. Dougherty.

Nine two-st'y brick dwells.; cost, \$24,300; owner
and contractor, B. Stock.

Three-st'y brick dwell.; cost, \$8,000; owner and
contractor, J. Shassere.

Two-st'y brick dwell.; cost, \$3,000; owner, Geo.
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SCHOOL-HOUSES.

Chicago, Ill.—Michael Reese, five-sty training-school, 2827-29 Groveland Ave.; cost, \$10,000.

STABLES.

Ashmont, Mass.—Ocean St., frame stable, 25' x 45'; owner, Mrs. Anna C. Eastman; contract to be let; architect, Edwin J. Lewis, Jr., Boston.

Boston, Mass.—Fancourt St., near Huntington Ave., Ward 22 one-sty brick stable, flat roof, 25' x 35'; owner, John Gormley.

Chicago, Ill.—George M. Pullman, two-sty barn and dwell., 1729-31 Prairie Ave.; cost, \$29,000.

Nantucket, Mass.—Frame stable, 25' x 35'; owner, E. Thompson; architect, W. Whitney Lewis, Boston.

New York, N. Y.—Brooke Ave., w s, 125' n One Hundred and Forty-third St., two-sty brick stable, tin roof; cost, \$3,000; owner, Rody McLaughlin, 263 Brooke Ave.; architects, French, Dixon & De Saldern, Broadway and Fifty-seventh St.

Toledo, O.—Parkwood Ave., brick and stone stable for F. J. King; cost, abt. \$4,000; architects, Bacon & Huber.

STORES.

Boston, Mass.—Baylston St., formerly No. 85, Ward 11, six-sty brick store, flat roof, 24'10' x 135'11"; owner, John Stetson, Jr.; builder, J. N. Thompson.

Brooklyn, N. Y.—Suydam St., n s, 200' e Hamburg Ave., three-sty frame store and dwell., tin roof; cost, \$7,000; owner, Peter Prahm, 1054 Willoughby Ave.; architect, Frank Holmberg, 1161 Broadway.

Gates Ave., s s, 250' w Knickerbocker Ave., three-sty frame store and dwell., tin roof; cost, \$4,500; owner, John Lyons, on premises; architects, D. Acker & Son, 752 Broadway.

Gates Ave., s s, 100' w Hamburgh Ave., three-sty frame store and dwell., tin roof; cost, abt. \$4,000; owner, architect and builder, Otto Linger, 1175 Greene Ave.

Lorimer St., s e cor. Conselyea St., 3 three-sty frame stores and dwells., tin roofs; cost, \$4,500 each; owner, James J. McEntee, 501 Grand St.; architect, Th. Engelhardt, 905 Broadway.

Dumont Ave., n e cor. Thatford Ave., three-sty frame store and dwell., tin roof; cost, \$4,500; owner, Jos. Morris, Osborn St.

Stone St., w s, 75' n Belmont Ave., three-sty frame store and dwell., tin roof; cost, \$4,500; owner, Morris Berman, 306 Cherry St., New York City.

Chicago, Ill.—Henry Ludolph, four-sty store, flats, stable and hall, 869 Milwaukee Ave.; cost, \$16,000. S. Bus, three-sty store and flats, 569 West Harrison St.; cost, \$6,000.

E. Jebson, three-sty store and flats, Stony Island Ave. and Sixty-ninth St.; cost, \$3,800.

J. O'Malley, 6 three-sty stores and flats, 4532-42 State St.; cost, \$30,000.

J. F. Bunting, 6 two-sty stores and flats, 1301-09 Milwaukee Ave.; cost, \$50,000.

BUILDING INTELLIGENCE.

John Detlof, two-sty store and dwell., 4719 Paulina St.; cost, \$3,500.

Atkins & Freund, store, 4899-11 Ashland Ave.; cost, \$3,000.

Ellis & Shepard, six-sty store and warehouse, 155-159 West Madison St.; cost, \$40,000.

Wacker & Birk Brewing Co., four-sty store and flats, 443 Canal St.; cost, \$14,000.

Mrs. Jennie M. La Berge, five-sty store and flats, 153 West Madison St.; cost, \$12,000.

Mrs. Augustus S. Wilke, three-sty store and flats, 1342 Fairfield Ave.; cost, \$9,000.

Ernst Franz, two-sty store and flats, 2659 Vermont St.; cost, \$5,500.

Minneapolis, Minn.—Norwegian Young Men's Christian Association, brick and stone store and hall, 1900 Riverside Ave.; cost, \$10,000.

Gustave Thompson, brick and stone store, 119 First St., n; cost, \$5,000.

New York, N. Y.—Bleeker St., s s, 72' 5" w Mercer St., eight-sty brick store, gravel roof; cost, \$190,000; owner, Leo Schellinger, 128 East Seventy-fourth St.; architects, Buchman & Deisler, 8 West Twenty-ninth St.

Twelfth Ave., s w cor. Thirty-seventh St., one-sty brick and iron store, peak tin roof; cost, \$14,000; owners, Pennsylvania R. R. Co., 6 Exchange Pl.

Bowery, No. 105, five-sty brick store, tin roof; cost, \$20,000; Henry Trowbridge, agent, 33 Howard St.; owner, Chas. A. Chesebrough, Long Island; architect, Louis F. Heinecke, 62 Bowery.

Greenwich St., six-sty brick store, tin or cement roof; cost, \$40,000; owner, Amelia Coon, 317 West One Hundred and Twenty-sixth St.; architect, G. A. Schellinger, 128 Broadway.

WAREHOUSES.

Boston, Mass.—Commercial St., rear No. 350 (Union Wharf), two-sty frame warehouse, flat roof, 20' x 50'; owners, Union Wharf Co.; builders, Richardson & Young.

Chicago, Ill.—Gormley & Jeffrey, six-sty warehouse, 221-225 North Franklin St.; cost, \$40,000.

Montgomery Ward & Co., six-sty warehouse, 115 and 116 Michigan Ave.; cost, \$40,000.

MISCELLANEOUS.

Boston, Mass.—Parker St., cor. Caledonia St., Ward 22, two-sty brick building, flat roof, 175' x 175'; for The New Riding Club.

Brooklyn, N. Y.—Irving St., n s, 250' e Van Brunt St., one-sty brick tank-house, brick arches and gravel roof; cost, \$5,400; owners, Marx & Rawolle, Irving and Van Brunt Sts.; architect, E. Claus, 59 South Tenth St.

Fulton St., s s, 100' w Hoyt St., three and four sty brick merchant store, tin roof; cost, \$75,000; owner, Mrs. Lucy E. Stoddard, 517 Fulton St.; architect, Wm. E. Boers, Tribune Building, New York City.

Washington St., Nos. 233-235, two-sty brick store-house, gravel roof; cost, \$10,500; owner, B. McCaffrey, Tillary and Washington Sts.; architect, J. G. Glover, 186 Remsen St.

Chicago, Ill.—Greeley Bros., foundry, 146-150 Bunker St.; cost, \$3,500.

Chicago, St. Louis & Pan Handle R. R., four-sty malt-house and elevator, Fifty-first St. and R. R. tracks; cost, \$75,000.

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BUILDING INTELLIGENCE.

Irving St., n s, 250' e Van Brunt St., one-sty brick coal-shed, gravel roof; cost, \$3,000; owners, Marx & Rawolle, Irving and Van Brunt Sts.; architect, E. Claus, 59 South Tenth St.

Citizens' Brewing Co., six-sty brewery and boiler-house, 2654-64 Archer Ave.; cost, \$200,000.

L. Holzmann, four-sty shop and flats, 88 Wilson St.; cost, \$9,000.

United States Brewing Co., two-sty boiler-house and ice-house, Snow St. and Elston Ave.; cost, \$5,000.

Hess Bros., two-sty packing-house, 4021-4023 Emerald Ave.; cost, \$5,000.

West Chicago St. Railway Co., one-sty power house, 28 South Desplaines St.; cost, \$50,000.

K. J. Simpson, nine-sty boiler shop and elevator, North Branch St.; cost, \$65,000.

Thomas Pickham, one-sty shop, 51-53 Wright St.; cost, \$5,000.

Excelsior Iron Works, five-sty machine shop, 100 North Clinton St.; cost, \$35,000.

Jamaica Plain, Mass.—Brick building, 39' x 100', for Arnold Arboretum; contract to be let; architects, Longfellow, Alden & Harlow, Boston.

Milton, Mass.—Adams St., frame engine house, 30' x 53'; owner, the town of Milton; contract to be let; architect, Franz E. Zerrahn, Boston.

New York, N. Y.—Pitt St., No. 66, six-sty brick workshop, tin roof; cost, \$8,000; owner, Herman Fezowon, 59 Suffolk St.; architect, Herman Horenburger, 99 East Third St.

East Houston St., No. 264, four-sty brick workshop, tin roof; cost, \$4,000; owner, Louis Kohlmann, 262 East Houston St.; architect, Fred Ebeling, 3 First Ave.

Canal St., No. 361, five-sty brick workshop, tin roof; cost, \$5,000; owner, Nancy E. Banta, Brooklyn, N. Y.; architects, John B. Snook & Son, 12 Chamber St.

One Hundred and Twenty-ninth St. to One Hundred and Thirtieth St., 225' w Boulevard, one-sty iron storehouse, tin or gravel roof; cost, \$30,000; owner, John S. Foster, 54 Irving Pl.; architects, Thayer & Robinson, 67 Liberty St.

West Thirty-fourth St., Nos. 410-412, five-sty brick storage-building, tin roof; cost, \$35,000; owner and builder, John Downey, 28 East Fifty-sixth St.

Philadelphia, Pa.—Blackley Almshouse, laundry; contractors, C. R. Kohl & Bro.

Carnac St., No. 1633, two-sty shop; owners, S. Cridland & Son.

Front St., n w cor. Margaretta St., freight shed; owners, Philadelphia and Reading Railroad.

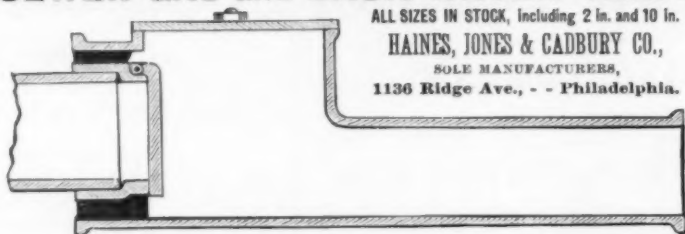
Seventy-third St. and Woodland Ave., frame shed; owners, Glenmore Iron Foundry Co.

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tractor, M. McManus.

Lancaster Ave., No. 3818, two-st'y art gallery; con-
tractor, Thomas C. Sloan.

Plum St., e Jefferson St., two-st'y shop; contrac-
tors, Cox & Strickler.

Twelfth St., e s, Arch St. to Filbert St., Philadel-
phia and Reading Railroad Depot; owners, Phila-
delphia and Reading Railroad Co.

Tampa, Fla. — Club-building, to cost \$15,000, for the
Tampa Bay Club, is contemplated.

PROPOSALS.

August 17, 1891. Sealed proposals will be received at
the office of the Supervising Architect, Treasury De-
partment, Washington, D. C., until 2 o'clock P. M. on
the 10th day of September, 1891, for all the labor
and materials required for the approaches to the
United States Custom House, etc., building at Galves-
ton, Texas, in accordance with the drawing and
specification, copies of which may be had on applica-
tion at this office or the office of the Superintendent
at Galveston, Texas. Each bid must be accompanied
by a certified check for a sum not less than two per
cent of the amount of the proposal. 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 Custom House, etc., building at
Galveston, Texas," and addressed to W. J. EDBROOKE, Supervising Architect. 818

August 15, 1891. 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 September, 1891, for all the labor
and materials required for cleaning down and pointing
the joints of certain stone work of the United States
Post-Office, etc., building at Brooklyn, N. Y., in

PROPOSALS.

accordance with the specification, copies of which
may be had at this office or the office of the Superin-
tendent at Brooklyn, N. Y. Each bid must be accom-
panied by a certified check for a sum not less than two
per cent. of the amount of proposal. 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 requirements of this invita-
tion. Proposals must be enclosed in envelopes sealed
and marked "Proposal for Cleaning down and Point-
ing certain stone work of the United States Post-Office,
etc., building at Brooklyn, N. Y.," and addressed to
W. J. EDBROOKE, Supervising Architect. 818

August 13, 1891. Sealed proposals will be received at
the office of the Supervising Architect, Treasury De-
partment, Washington, D. C., until 2 o'clock P. M. on
the 8th day of September, 1891, for all the labor and
materials required for the joinery work, wood floor-
ing, marble work, vault doors, cement floors, etc., for
the United States Court House, Post-Office, etc., build-
ing at Denver, Colo., 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 Denver, Colo. Each bid must be accompanied by
a certified check for a sum not less than two per cent
of the amount of the proposal. 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,
Marble Work, etc., for the United States Court House,
Post-Office, etc., building at Denver, Colo.," and
addressed to W. J. EDBROOKE, Supervising Archi-
tect. 818

August 17, 1891. Sealed proposals will be received at
the office of the Supervising Architect, Treasury De-
partment, Washington, D. C., until 2 o'clock P. M. on
the 10th day of September, 1891, for all the labor and
materials required for the stone and brick masonry,
iron and wood floor, ceiling and roof construction, iron
columns, roof covering, down and drain pipes, brick
and terra-cotta floor arches, etc., of the superstructure
of the United States Court-house, Post-office, and
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PROPOSALS.

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office of the Superintendent at Bay City, Mich. Each
bid must be accompanied by a certified check for a
sum not less than two per cent of the amount of the
proposal. 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 Stone and Brick Masonry and Iron and Wood
Floor, Ceiling and Roof Construction, Roof Covering,
etc., for the Superstructure of the United States
Court-house, Post-office and Custom House at Bay
City, Mich.," and addressed to W. J. EDBROOKE,
Supervising Architect. 818

To Wharf Builders and Contractors. Office of the
Light-house Engineer, Third District, Tompkinsville,
N. Y., August 7, 1891. Proposals will be received at
this office until 12 o'clock, noon, of Tuesday, the 25th
day of August, 1891, for furnishing the material and
labor of all kinds necessary for removing the old
wharf, building new wharf and dredging the basin at
the Light-house Depot, Tompkinsville, N. Y. Plans,
specifications, forms of proposals and other informa-
tion may be obtained on application to this office.
The right is reserved to reject any or all bids and to
waive any defects. D. P. HEAP, Major of Engineers,
U. S. A., Light-house Engineer, Third District. 817

To Iron Manufacturers. Office of the Light-house
Engineer, Third District, Tompkinsville, N. Y.,
August 7, 1891. Proposals will be received at this
office until 12 o'clock, noon, of Tuesday, the 25th day
of August, 1891, for furnishing the material and labor
of all kinds necessary for the completion and delivery
of the metal-work for the North Wharf at the Light-
house Depot, Tompkinsville, N. Y. Plans, specifica-
tions, forms of proposals and other information may
be obtained on application to this office. The right is
reserved to reject any or all bids and to waive any
defects. D. P. HEAP, Major of Engineers, U. S. A.,
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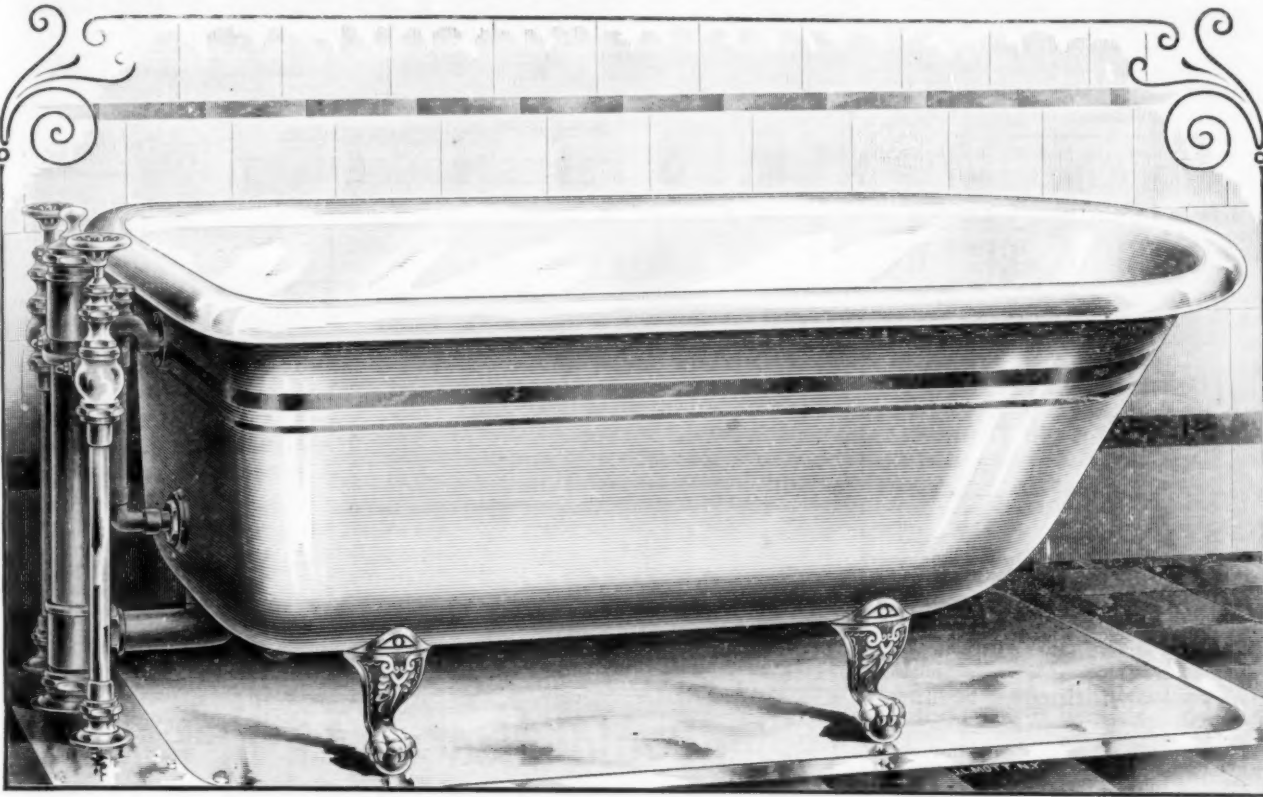


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Wehn Pavement Co., New York, N. Y.....(eow)
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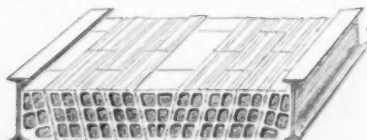
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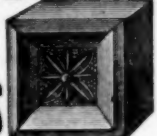
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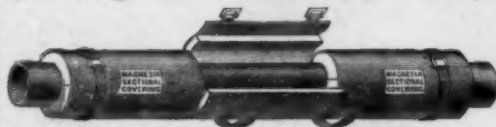
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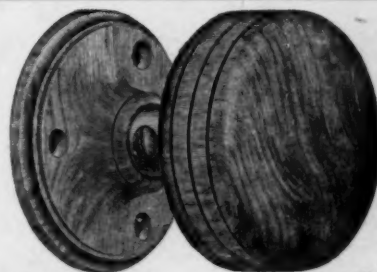
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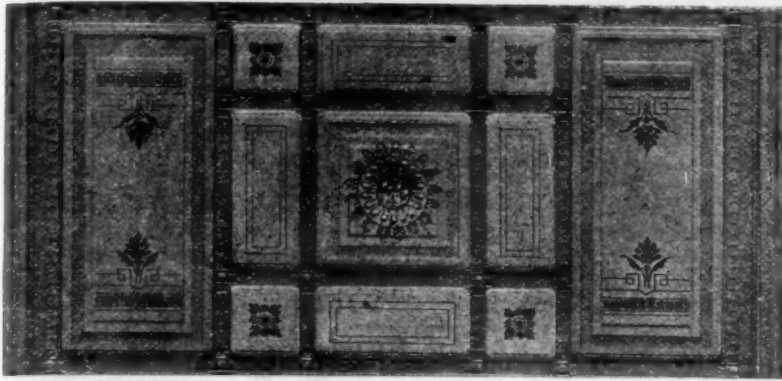
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Spruce.....

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Spruce.....

Hemlock.....

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Laths:

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Spruce.....

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" quartered..... @ 90 00

Sycamore quartered..... @ 70 00

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55 00 @ 60 00

18 00 @ 22 00

ea 13 1/2 @ 14

20 @ 40

@

@

@

14 00 @ 18 00

12 00 @ 16 00

18 00 @ 21 00

@

@ 2 25

5 00 @ 6 00

4 00 @ 5 00

1 50 @ 2 00

1 40 @ 1 60

@

@

18 00 @ 20 00

4 1/2 @ 5 1/2

8 00 @ 10 00

@

@

@ 55 00

80 00 @ 120 00

40 00 @ 60 00

@ 180 00

@ 350 00

45 00 @ 50 00

@ 70 00

@ 70 00

@ 90 00

65 00 @ 70 00

60 00 @ 70 00

@ 6

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45 00 @ 50 00

@ 45 00

@ 45 00

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42 00 @ 50 00

35 00 @ 40 00

13 50 @ 25 00

13 00 @ 15 00

25 00 @ 35 00

31 00 @ 40 00

38 00 @ 60 00

23 00 @ 35 00

15 00 @ 18 00

14 00 @ 15 00

24 00 @ 35 00

2 25 @ 2 35

2 25 @ 2 50

@

@ 4 50

1 50 @ 00

3 75 @ 4 00

@

2 00 @ 4 00

5 00 @ 6 00

10 00 @ 18 00

25 @ 50

25 @ 50

45 00 @ 60 00

90 00 @ 120 00

60 00 @ 70 00

45 00 @ 50 00

150 00 @ 160 00

120 00 @ 350 00

45 00 @ 50 00

@ 50 00

50 00 @ 55 00

65 00 @ 75 00

50 00 @ 65 00

50 00 @ 75 00

60 00 @ 70 00

32 00 @ 35 00

85 00 @ 120 00

40 00 @ 45 00

40 00 @ 42 00

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30 00 @ 47 00

25 00 @ 28 00

14 00 @ 20 00

Not sold.

@ 12 00

29 00 @ 37 00

@

10 00 @ 22 00

Not sold.

12 00 @ 15 00

Not sold.

10 00 @ 13 00

2 10 @ 2 25

Not sold.

2 20 @ 3 00

Not sold.

6 00 @ 7 50

Not sold.

2 00 @ 2 35

3 50 @ 4 00

Not sold.

9 00 @ 13 00

40 @ 1 25

20 @ 30

30 00 @ 40 00

100 00 @ 120 00

70 00 @ 80 00

150 00 @ 200 00

200 00 @ 250 00

18 00 @ 35 00

32 00 @ 40 00

22 00 @ 40 00

45 00 @ 50 00

60 00 @ 75 00

57 50 @ 65 00

@ 65 00

60 00 @ 75 00

@ 7

55 00 @ 100 00

18 00 @ 40 00

29 00 @ 40 00

Philadelphia.

(Prices 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

@ 35 00

14 00 @ 25 00

Not sold.

25 00 @ 37 30

16 00 @ 18 00

13 00 @ 17 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 50 @ 4 00

Not sold.

9 00 @ 13 00

40 @ 1 25

20 @ 30

30 00 @ 40 00

100 00 @ 120 00

70 00 @ 80 00

150 00 @ 250 00

200 00 @ 400 00

25 00 @ 55 00

45 00 @ 55 00

60 00 @ 75 00

57 50 @ 65 00

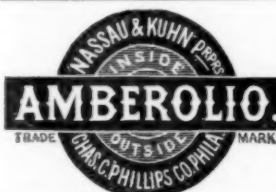
@ 65 00

60 00 @ 75 00

50 00 @ 170 00

25 00 @ 40 00

50 @ 45 00



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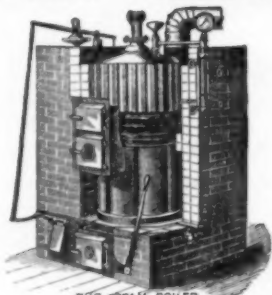
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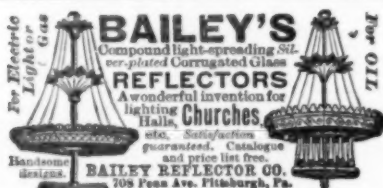
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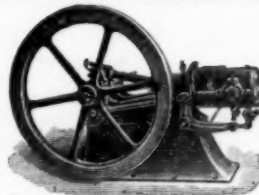
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Long Island.....	@	8 00 @ 9 00		Salmon @ 5 00
Up River.....	4 00 @ 5 00	Domestic Com.		Sq. " @ 9 00
Haverstraw Bay 2d.....	5 00 @ 5 25	9 50 @ 10 00	Indiana Pressed	Light Stretchers @ 10 00
1st.....	5 25 @ 5 50	Domestic Face	14 00 @ 20 00	Medium " @ 12 00
Hollow.....	@ 13 00	20 00 @ 22 00	St. Louis Fronts	Red " @ 13 00
Fronts:			@ 27 00	Dark " @ 13 00
Croton, Brown.....	@ 13 00	Philadelphia } 40 00 @ 45 00		Pressed @ 13 00
" dark.....	@ 14 00	40 00 @ 45 00		Best Paving 18 00 @ 20 00
" red.....	@ 14 00	Phila. mould } 50 00 @ 80 00		Second " @ 14 00
Chicago pressed (Anderson).....			15 00 @ 27 00	Third " @ 13 00
" Moulded.....			65 00 @ 350 00	Dom. { @ 65
Baltimore.....	37 00 @ 41 00	Anderson	@ 55 00	" { @ 85
Philadelphia.....	23 00 @ 24 00	14 00 @ 32 00	45 00 @ 50 00	
Trenton.....	22 00 @ 23 00		45 00 @	
Milwaukee.....			25 00 @	
Moulded:			60 00 @ 100 00	
Glens Falls Red Pressed.....	@ 37 00		30 @	
" Buff.....	@ 30 00		35 @	
" Moulded Red & Buff.....	45 00 @ 70 00		55 00 @ 65 00	
Enamelled: Imp.			@ 100 00	
Enamelled (edge).....	85 00 @ 100 00		@ 120 00	
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Utica, Akron, Buffalo, Milw'kee.	Not sold.	2 60 @ 3 00	1 00 @ 1 25	2 85 @ 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
" Black Cross.....	2 25 @ 2 50	2 60 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" (Burnham).....	2 50 @ 2 80	2 60 @ 3 00	2 90 @ 3 15	2 75 @ 2 85
" (White's).....	2 65 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	
" French (Lafarge).....	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor 2 50 @ 2 75
" German (Alsen).....	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	Josson 2 75 @ 2 85
" (Fewer).....	2 25 @ 2 40	3 15 @ 3 35	3 20 @ 3 40	
" (Vorwöhler).....	2 50 @ 2 90	Cleopatra	@	
" (Lagerdofer).....	@	2 55 @ 3 00	2 75 @ 3 00	
" (Dyckerhoff).....	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	
" (Hanover).....	2 50 @ 3 00		Not sold.	2 75 @ 2 85
" Stettin (Anchor).....	2 35 @ 2 85		Not sold.	
" American (Saylor's).....	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	2 70 @ 3 00
Roman.....	2 75 @ 3 00	@ 3 00	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse.....	5 75 @ 6 50	@ 6 00	6 00 @ 7 00	6 50 @ 7 00
" superline.....	9 25 @ 10 25	@ 11 50	9 00 @ 10 50	8 00 @ 9 00
Lime:				
Lime of Tell.....	3 50 @ 4 00	@ 1 35	Not sold.	White Lime P bush 25 @ 30
Hydraulic Lime.....	@ 1 45	St. John 1 00	55 @	{ White Marsh 1 25 @ 1 50
Chicago Lime in bulk.....			60 @	{ 1 00 @ 1 00
Wisconsin Lime.....	@ 1 00	@ 1 05	Not sold.	
Rockland and Rockport, (Com.).....	@ 1 00	@ 1 10	Not sold.	
Rockland and Rockport, finish.....	@ 1 20	@ 1 20	1 00 bulk, 75c.	
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State, finishing.....	1 20 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	1 50 @ 2 25
Plaster of Paris (calcined).....	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
" (casting).....	16 @ 18	25 @ 30	20 @ 25	20 @ 25
Hair (Cattle) P bush.....	23 @ 25	@ 30	30 @ 35	30 @ 35
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STONE. (P cubic foot, rough.)				
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Bedford.....	45 @ 1 25	95 @ 1 00	50 @	55 @ 65
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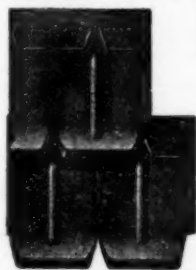
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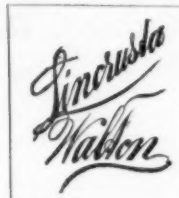
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Colorful	2 1/2			
Red	3			
White	1 1/2			
Foundation:				
Dimension		5 00	20	5 00
Block		4 60		Conshocken
Rubble		1 25	8 50	1 45
Bluestone: (P sq. ft.)				2 50
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 25
Planned	50 @ 6 00	@ 75	50 @ 1 00	37 @ 50
Sandstone:				
Longmeadow	@ 80	80 @ 90		
Kibbe	@ 90	90 @ 1 10		
Brown (Connecticut)	1 00 @ 95	1 25 @ 1 45	1 50	95 @ 1 16
Amherst	30 @ 85	80 @ 1 00	45 @ 50	1 05 @ 1 35
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 00
New Brunswick (Dorchester)	@ 1 00	75 @ 90		1 00 @ 1 00
Caen	@ 1 05	@ 2 00		1 25 @ 1 00
Carlisle, English	@ 1 05	@ 1 05		95 @ 1 00
Corse Hill (Scottish)	@ 1 05	@ 1 05		
Marble: (P 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	@	@	@ 4 40	2 50 @ 2 75
"Sienna	@	@	Not Sold.	@ 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 00	2 25 @ 3 00
Slate: 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	10 00 @ 11 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
"black, Lehigh	4 25 @ 4 75	@	6 25 @ 6 85	3 25 @ 4 00
"Chapmans	@	@	7 30 @ 8 00	2 00 @ 4 65
"Unfading black, Monson, Me.	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am. P. M.	@	@	Not Sold.	@ 25 00
N. Peach Bottom, warranted unfading	@	@	@	6 00 @ 6 75
PAINTS. (In Oil P lb.)				
White lead, Am.	7 @ 7 1/2	7 1/2 @ 7 1/2	6 1/2 @ 7	@ 7 1/2
"zinc	5 @ 8 1/2	@ 8	7 @ 10 1/2	@ 7
Red lead, Am.	6 1/2 @ 7	7 1/2 @ 7 1/2	6 1/2 @ 7	@ 7 1/2
"Venetian	6 @ 10 1/2	7 @ 12	11 @ 2 1/2	@ 7
"Vermilion	65 @ 70	75 @ 80 dry	65 @ 68	dry Eng. @ 76
"Indian, Eng.	12 @ 20	12 @ 20	12 @ 20	Eng. @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1 1/2
"Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	8 @ 20	@ 21
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)	55 @ 62	42 @ 43	57 @ 69	@ 60
"boiled	58 @ 65	45 @ 46	60 @ 63	@ 63
Turpentine	36 @ 37	11 @ 42	51 @ 51	@ 44
Varnish, coach	@	1 50 @ 6 00	1 25 @ 2 00	125 @ 3 00
Shellac	@	2 50 @ 3 00	2 25 @ 4 00	150 @ 3 00
Putty	2 @	2 @ 4	2 @ 2	2 @ 2 1/2
Whiting	75 @ 1 00	1 @ 1 1/2	1 @ 1 1/2	@ 1
Paris white, (Eng.)	1 30 @ 2 00	2 @ 3	1 1/2 @ 2	1 1/2 @ 2
Litharge, Am.	5 1/2 @ 6	@ 7 1/2	6 1/2 @ 7	@ 7 1/2
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	4 @ 14
Umber	14 @ 20	14 @ 20	2 @ 10 1/2	2 @ 13
HARDWARE.				
Nails: (Per Cask.) Spikes, (wrought.)	@ 2 85	@	2 75 @ 3 00	per keg @ 2 25
10d. common	@ 2 60	@ 2 15	@ 2 35	@ 2 30
Shingle	@ 3 35	@ 2 65	@ 2 75	@ 2 60
Lath	@ 4 85	@ 3 45	@ 3 65	3 60 @ 4 75
(Finishing nails according to size.)	@	@	Add .85 to \$1.15	per lb 4 @ 6
(For casing nails add 75 c. per keg.)	@	@	.50 to .30	Add per cask
Butts: 4 1/2 x 4 1/2 (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
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Ball Tip, Boston Finish (P pair.)	@ 65	@ 50	Not Sold.	48 @ 50
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Brass (for cupboards)	@ 10	@ 10	@ 12	@ 1 00
Ebony	@	@	@	@ 35
Apple wood	@	@	@	37 @ 1 00
Knobs: (P set.)				
Mineral, best	@ 8	@ 8	8 @ 10	@ 08
Lava	@ 50	@ 75	65 @ 80	Not Sold.
Hemacite	Not Sold.	17 @ 33	31 @ 40	25 @ 50
Porcelain	@ 30	@ 19	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	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	@	@ 7 1/2	13 @ 16	13 1/2 @ 16
Lead Pipe	@	@ 7	@ 7	@ 6 1/2
Iron:				
I-Beams, up to and including 36 ft.	3 3-10 @ 3 1/2	@ 3 1-10	@	@ 2 8-10
I-Beams, over 30 ft. 1/2 c. advance.	@	@	3 20 @ 3 70	@ 2 8-10
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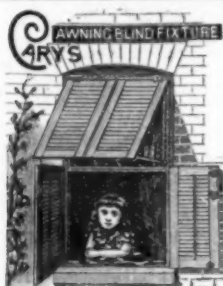
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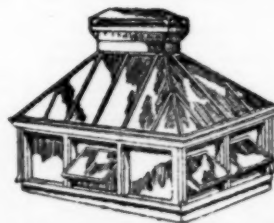
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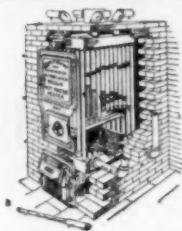
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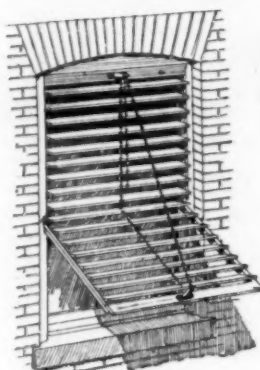
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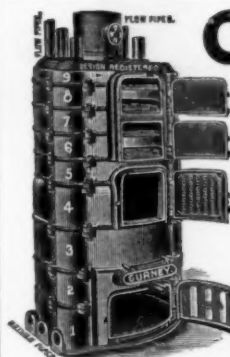
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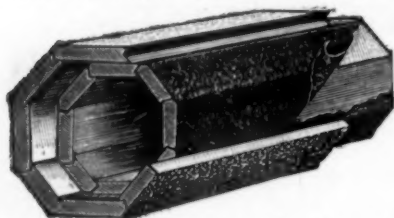
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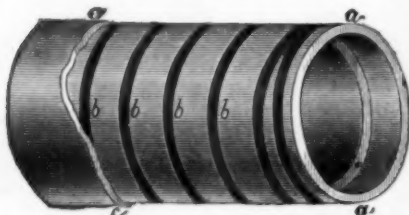
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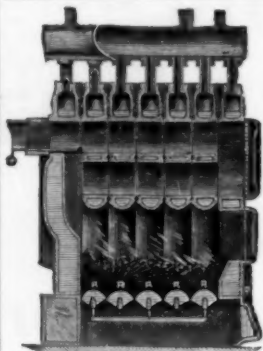
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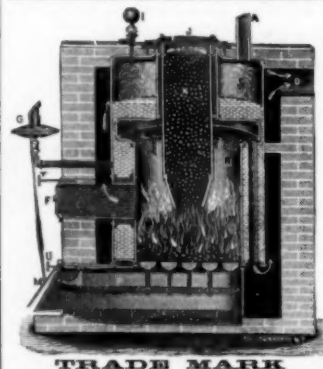
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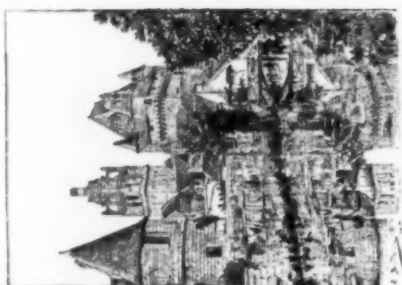
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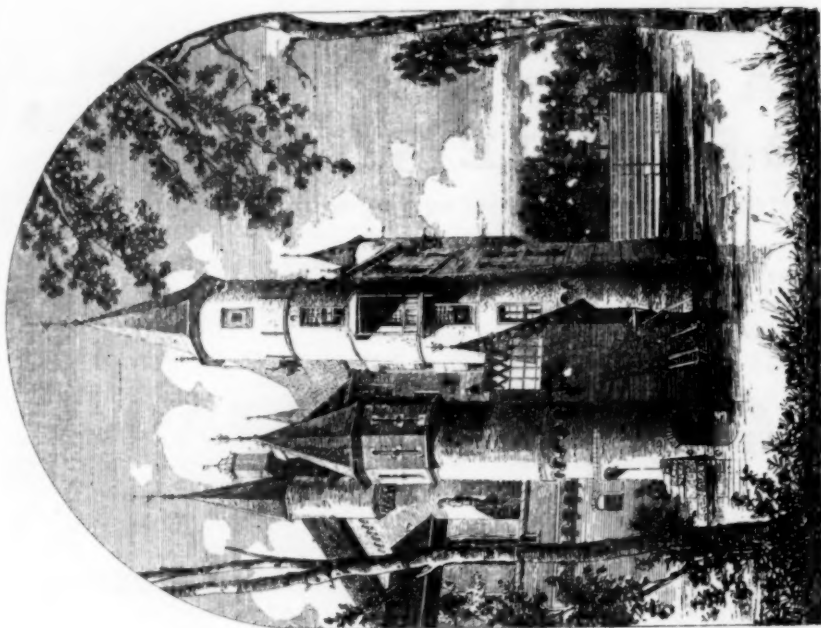


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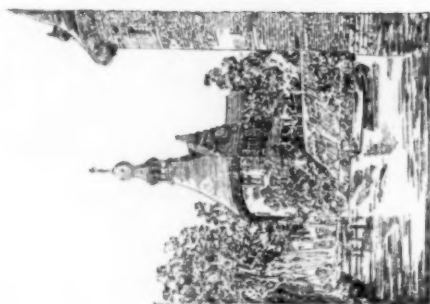
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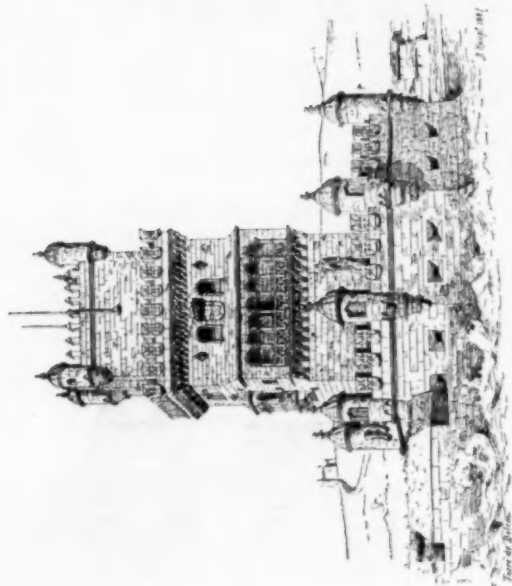
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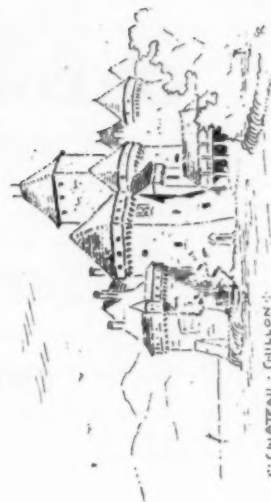
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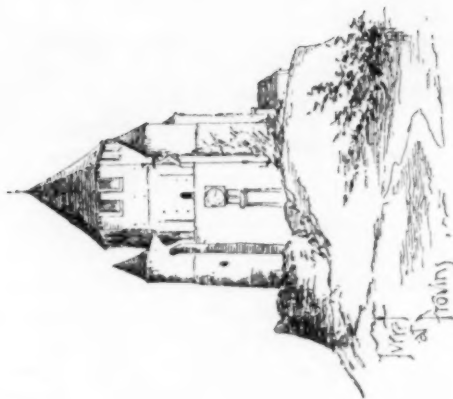
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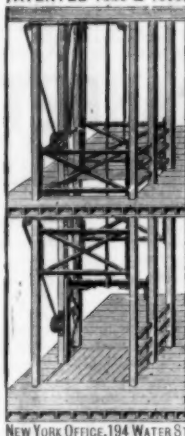
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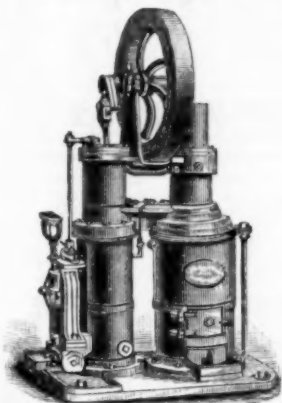
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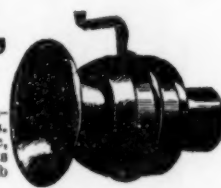


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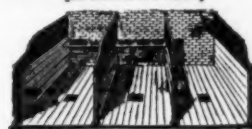
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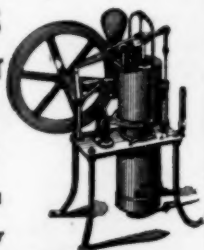
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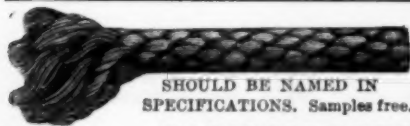
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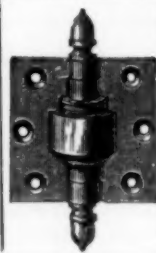
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BUILDING INTELLIGENCE.

Swedish Lutheran Church, 6663-6665 Sangamon St.; cost, \$3,000.
Providence, R. I.—*Angell St., cor. Diman Pl., one-sty brick church; owners, Central Congregational Church; architects, Carrere & Hastings, New York; builders, Cutting & Bishop, Worcester, Mass.*
St. Louis, Mo.—*One-sty stone church; cost, \$50,000; owner, Lucas Ave. Cumberland Presbyterian Church; contractor, W. H. Clemens; architect, Chas. E. Hilsley.*
FACTORIES.
Brooklyn, N. Y.—*Cook St., n w cor. White St., three-sty brick enamelling factory, gravel roof; cost, \$18,500; owner, Iron Clad Mfg. Co., 22 Cliff St., New York City; architect, Fred Weber, 211 Manhattan Ave.*
Kent Ave., w s, 40' s Cross St., one-sty brick gas factory, tin roof; cost, \$3,000; owner and architect, Nassau Gas Co., Kent Ave. and Cross St.
Flushing Ave., s w cor. Beaver St., two-sty frame wagon factory, tin roof; cost, \$4,800; owner, Wm. Wallmann, 33 Fayette St.; architect, H. E. Funk, 11 Varet St.
Chicago, Ill.—*Northwestern Fertilizing Co., three-sty factory, Packers Ave. and Forty-fourth St.; cost, \$12,000.*
Minneapolis, Minn.—*The N. W. Consolidating Milling Co., factory, Canal St., foot Seventh Ave., s, cost, \$25,000; architects and builders, Burnit & Record.*
New York, N. Y.—*West Twenty-fifth St., Nos. 532-534, three-sty brick factory, gravel roof; cost, \$10,000; owner, Warren M. Merrill, 548 West Twenty-fifth St.; architect, John E. McMurray, 324 West Twenty-fourth St.*
St. Louis, Mo.—*One-sty frame and iron ice factory; cost, \$9,000; owner, S. R. Gavray; contractors, A. Geisler & Co.*

HOTELS.

Aransas Pass, Texas.—The building of a hotel, to cost \$85,000, is contemplated.

HOUSES.

Baltimore, Md.—*William P. Webb, three-sty brick building, w s Paca St., bet. Saratoga and Mulberry Sts.; and 3 three-sty brick buildings on Diamond Alley, bet. Saratoga and Mulberry Sts.*
Hy. Berge, three-sty brick building, s w cor. North Ave. and Cannon St.
Ignatz Maritzke, 10 two-sty brick buildings, e s Luzerne St., bet. Lancaster and Hudson Sts.
Boston, Mass.—*Dorchester Ave., No. 2269, Ward 24, frame dwell., 16' x 55'; owner, Caroline B. Thacher; builder, W. Ballantyne.*
Haven St., No. 2, Ward 18, two-sty brick dwell., flat roof, 12' x 37'; owner, Mary M. Adams; builder, J. G. Heath.
Rutland St., Nos. 3-7, Ward 18, 3 four-sty brick dwells. and store, flat roofs, 29' x 53' and 29' x 43'; owner, Mary M. Adams; builder, J. G. Heath.
Temple St., near La Grange St., Ward 23, three-sty frame dwell., 26' x 43'; owner, Sarah Hall; builder, J. J. Shaw.
Foss St., near Butler St., Ward 24, frame dwell., 23' x 45'; owner and builder, John E. Knight.
Kittredge St., near Washington St., Ward 23, frame dwell., 22' x 41'; owners, Twenty-one Associates of Rosindale; builders, Dame & Warner.
Nightingale St., near Bernard St., Ward 24, frame dwell., 23' x 41'; owner, G. L. Byron; builder, J. A. Paine.
Prospect Pl., Nos. 1-3, Ward 3, 2 three-sty frame dwells., flat roofs, 22' x 70'; owner and builder, Wm. Sullivan.
Oregon St., near Smith St., Ward 22, 3 two-sty frame dwells., flat roofs, 23' x 44'; owners, Mary B. and Ann Sullivan; builders, Gorman & Desmond.
Washington St., No. 675, Ward 25, frame dwell., 35' x 40'; owner, Ongelette M. Morey; builder, J. Rathbone.
Harriet St., near Parsons St., Ward 25, frame dwell., 25' x 36'; owner, Patrick Phelan; builder, T. W. Brennan.
Dorchester St., Nos. 902-904, Ward 24, 2 three-sty frame dwells., flat roofs, 22' x 42'; owner, Virgil Wilcox; builders, I. H. Dunn & Co.
Munghill St., Ward 24, three-sty frame dwell.,

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BUILDING INTELLIGENCE.

flat roof, 21' x 54'; owners, R. G. Brooks and A. P. Grant; builder, Herman Drake.
Keyes St., Ward 23, frame dwell., 24' x 36'; owner, M. Lennon; builder, T. J. Tobin.
Algonquin St., near Washington St., Ward 24, frame dwell., 31' x 41'; owner, Mrs. C. L. Deere; builder, J. P. B. Carleton.
Eastis St., No. 270, and also in rear, Ward 20, 3 three-sty frame dwells., flat roofs, 29' x 30.6'; 28' x 30'; 28' x 31'; owner, Louis F. Abbott; builder, L. D. Berry.
Topliff St., near Westville St., Ward 24, frame dwell., 22' x 46'; owner, J. P. Middleton; builders, Mackie & Oliver.
Centre St., rear, near Lowder's Lane, Ward 23, frame dwell., 25' x 41'; owner, C. J. Cross; builder, M. F. Reynolds.
Weldon St., near Walk Hill St., Ward 23, frame dwell., 22' x 50.6'; owner, Frank Donnelly; builder, Joseph Landry.
Chestnut Ave., No. 309, and two in rear, Ward 23, 3 three-sty frame dwells., flat roofs, 35' x 36', and 31' x 35'; owner, Maria H. Davis; builder, C. A. Russell.
Longwood Ave., No. 50, rear, Ward 22, three-sty frame dwell., flat roof, 24.5' x 32.6'; owner, J. H. Greim; builder, John Birdie.
Cobden St., near Washington St., Ward 21, three-sty frame dwell., flat roof, 25' x 47.3'; owner, L. P. Pfingst; builder, H. H. Sweeney.
Elmo St., near Erie St., Ward 24, frame dwell., 26' x 31'; owner, Miss L. Blue; builder, J. J. Shaw.
Paul Gore St., near Lamartine and Danforth Sts., Ward 23, three frame dwells. and one store, 2 four-stories, 33.4' x 46.6', 35.5' x 46.6', flat roofs; 2 three-stories, flat roofs, 25.7' x 60.0', 28.7' x 60.6'; owner, R. F. Hoffenreffer; builders, J. D. Bowen & Co.
Lamartine St., near Paul Gore St., Ward 23, four-sty frame dwell. and store, flat roof, 23.10' x 60.10'; owner, R. F. Hoffenreffer; builders, J. D. Bowen & Co.
Westcott St., near West Park St., Ward 24, two-sty frame dwell., hip roof, 24' x 38.6'; owner, S. E. Campbell; builder, Shepard Russell.
Codman St., near Carruth St., Ward 24, four frame dwells., three pitch and one hip roof, 28' x 42', 27' x 31', 27' x 30', 28' x 32.6'; owner, H. S. Carruth; builder, Bradford Hamilton.
West Eagle St., near Meridian St., Ward 1, three-sty frame dwell., flat roof, 22.6' x 54'; owner, D. W. Simpson; builder, D. D. Fish.
Evans St., near Capen St., Ward 24, two frame dwells., 22.6' x 47.3'; owner, Lucy A. Smith; builder, A. W. Stover.
Bunker Hill St., Nos. 300-306, Ward 4, 4 three-sty frame dwells., flat roofs, 20.6' x 50'; owner and builder, John Donigan.
Lyndhurst St., near Allston St., Ward 24, frame dwell., 24' x 35'; owner and builder, J. H. Beale.
Brooklyn, N. Y.—*Lafayette Ave., n s, 253' w Reid Ave., 4 two-sty brick dwells., tin roofs; cost, \$4,500 each; owners, architects and builders, George Fletcher & Sons, 38 Grove St.*
Ashford St., e s, 100' s Ridgewood Ave., 3 two-sty frame dwells., shingle roofs; cost, \$3,500 each; owners, F. E. & W. L. Scofield, 145A Kent St.; architect, E. G. Vail, Jr., 1873 Atlantic Ave.
Schermerhorn St., n s, 194' w Third Ave., 2 five-sty brick dwells., tin roofs; total cost, \$40,000; owner, R. Von Graff, 164 Seventh Ave.
Schermerhorn St., n s, 150' w Third Ave., 2 five-sty brick dwells., tin roofs; total cost, \$20,000; owner, R. Von Graff, 164 Seventh Ave.
Schermerhorn St., n s, 238' w Third Ave., 2 five-sty brick dwells., tin roofs; total cost, \$20,000; owner, R. Von Graff, 164 Seventh Ave.
Varet St., s s, 175' e Graham Ave., four-sty frame dwell., tin roof; cost, \$6,500; owner, Mrs. Kleinlein, on premises; architects, D. Acker & Son, 752 Broadway.
Forty-seventh St., s s, 160' e Fourth Ave., 5 two-sty brick dwells., tin roofs; cost, \$3,300 each; owner, Alexander Waldron, Forty-eighth St. and Fourth Ave.; architects, H. L. Spicer & Son, Third Ave. and Fifty-third St.
Fifty-second St., n s, 100' e Fourth Ave., 5 two-sty frame dwells., tin roofs; cost, \$2,500 each; owner, Mr. Hamilton; architects, H. L. Spicer & Son, Third Ave. and Fifty-third St.
Myrtle Ave., s s, 60' e Bleeker St., 5 three-sty frame dwells., tin roofs; cost, \$3,200; owner, Edward Thompson, 18 Garden St.; architect, James Thompson.
New Jersey Ave., w s, 250' n Fulton Ave., three-sty frame dwell., tin roof; cost, \$4,300; owner, August Klaus, Jamaica and New Jersey Aves.

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BUILDING INTELLIGENCE.

Belmont Ave., s s, 150' e Hendrix St., two-sty frame dwell., tin roof; cost, \$3,000; owner, Patrick Collins, Shepherd Ave., near Blake St.; architect, John McMurdo, Belmont Ave.

Monroe St., n s, 110' e Stuyvesant Ave., 2 two-sty brick dwell., tin roof; cost, \$4,500; owner, architect and builder, H. Grauman, 840 Hancock St.

De Kalb Ave., s w cor. Fort Greene Pl., four-sty frame dwell., tin or gravel roof; cost, \$10,000; owner, Ella E. Seaman, 10 Fort Greene Pl.; architects, T. W. Seaman, Jr., & Son, 133 Grand Ave.

Lorimer St., w s, 250' n Nassau Ave., three-sty frame dwell., cement and gravel roof; cost, \$5,000; owner, Mary F. Fenwick, 534 Leonard St.; architect, Wm. H. Fenwick, 534 Leonard St.

Hancock St., n s, 91' w Ralph Ave., two-sty brick dwell., tin roof; cost, \$4,000; owner, S. G. Holland, on premises; architects, D. Acker & Son, 752 Broadway.

McKibben St., Nos. 102-106, 3 four-sty frame dwell., tin roofs; cost, \$7,000 each; owner, J. Meyer, on premises; architects, D. Acker & Son, 752 Broadway.

Boerum St., s s, 175' e Ewen St., four-sty frame dwell., tin roof; cost, \$6,500; owner, A. Greenstone, 981 Myrtle Ave.

Moore St., No. 138, four-sty frame dwell., tin roof; cost, \$6,000; owner, L. Horowitz, 185 Ellery St.; architects, D. Acker & Son, 752 Broadway.

Cornelia St., s s, 84' e Central Ave., 5 two-sty frame dwell., tin roofs; cost, \$2,500 each; owners Raymond & Donly, 759 Macon St.; architect, C. N. Raymond, 757 Macon St.

Hart St., n s, 100' w Tompkins Ave., 2 two-sty brick dwell., tin roofs; cost, \$4,000 each; owner, Fred De Ath, 127 Hart St.; architect, M. J. Morrill, 357 Fulton St.

Van Voorhis St., n s, 150' w Evergreen Ave., 2 three-sty frame dwell., tin roofs; total cost, \$5,000; owner, Mary E. Gentleman, 1058 Jefferson Ave.; architect, J. W. Wilton, 1058 Jefferson Ave.

Schaffers St., s s, 150' w Evergreen Ave., 2 three-sty frame dwell., tin roofs; total cost, \$8,000; owner, Mary E. Gentleman, 1058 Jefferson Ave.; architect, J. W. Wilton, 1058 Jefferson Ave.

Hancock St., n s, 90' w Central Ave., 18 two-sty frame dwell., tin roofs; cost, \$3,000; owners, architects and builders, L. J. Lippmann & Co., 142 Eldert St.

Diamond St., e s, 200' s Nassau Ave., three-sty frame dwell., gravel roof; cost, \$5,000; owner, Winifred McGloin; architect, F. Weber, 211 Manhattan Ave.

Milton St., s s, 125' e Franklin St., three-sty brick dwell., tin roof; cost, \$8,500; owner, P. F. O'Hare, Manhattan Ave., near Milton St.; architect, F. Weber, 211 Manhattan Ave.

BUILDING INTELLIGENCE.

Oakland St., w s, 100' n Norman Ave., three-sty frame dwell., felt and gravel roof; cost, \$3,000; owner, John H. Murphy, 324 Oakland St.

Chicago, Ill.—Mary R. Lanig, three-sty dwell., 3810-3812 Vincennes Ave.; cost, \$10,000.

P. O'Donnell, three-sty dwell., 1498 West Adams St.; cost, \$9,000.

John Koch, three-sty dwell., 385 Evanston Ave.; cost, \$5,000.

Bryan Lathrop, three-sty dwell., 77-81 Bellevue Pl.; cost, \$45,000.

George W. Cass, three-sty dwell., 2713 Michigan Ave.; cost, \$40,000.

W. E. Tieman, six cottages, 3321-3333 Fish St.; cost, \$4,800.

George M. Warren, three-sty dwell., 3549 Prairie Ave.; cost, \$6,000.

Batchen Bros. and C. S. Johnson, 5 three-sty dwell., 5927-5935 Madison St.; cost, \$45,000.

Minneapolis, Minn.—Mrs. F. A. Warder, two-sty frame dwell., 400 Fifth St., s e; cost, \$6,500.

T. F. Healy, two-sty stone dwell., 3136 Second Ave.

Wm. Kenny, two-sty frame dwell., 1306-1308 Seventh St., s e; cost, \$6,000.

H. J. Craaswell, owner, architect and builder, two-sty frame dwell., 2107 Colfax Ave., cost, \$5,000.

S. E. Barrett Mfg. Co., two-sty brick dwell., 1907-1909 Bluff St., s e, cost, \$7,000; architects and builders, J. N. Thompson & Co.

F. A. Warden, two-sty frame dwell., 400 Fifth St., s e; cost, \$6,500; architect and builder, F. G. McMillan.

New York, N. Y.—Boston Ave., w s, bet. One Hundred and Sixty-fifth and One Hundred and Sixty-sixth Sts., 4 three-sty stone, brick and terra-cotta dwell., cost, \$30,000; owner, Equitable Life Insurance Co.; architects, Boring, Tilton & Melien.

West End Ave., n w cor. Eighty-third St., 6 three and four sty brick dwell., tin and tile roofs; cost, \$11,000; owner, Gerald L. Schuyler, 8 Henderson Pl.; architects, Lamb & Rich, 265 Broadway.

One Hundred and Sixtieth St., s s, 111' 4" e St. Nicholas Ave., 2 three-sty brick dwell., tin roofs; cost, \$27,000; owner, Edward Lewis, 8 West One Hundred and Thirty-fifth St.; architect, Richard R. Davis, 248 West One Hundred and Twenty-fifth St.

Providence, R. I.—Dartmouth Ave., three-sty frame dwell.; cost, \$4,000; owner, Thos. Dignan; builder, S. B. Lynch.

Potters Ave., s s, bet. Plain St. and Prairie Ave., two-and-one-half-sty frame dwell.; cost, \$3,900; owners, Thos. McGlinney and wife.

Bucklin St., w s, near Burnett St., two-and-one-half-sty frame dwell.; owner, Elton A. Cooke; builder, Chas. Davidson.

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Bucklin St., s w cor. Burnett St., 3 two-and-one-half-sty frame dwell.; cost, \$3,000 each; owner, Elton A. Cooke.

Arch St., n s, near Greenwich St., two-and-one-half-sty frame dwell.; owner, Joseph N. Anthony; architects, Stone, Carpenter & Willson; builder, Robert Wilson.

Broadway, n s, near Eden St., two-and-one-half-sty frame dwell.; cost, \$3,500; owner, Michael Gorman; builders, Watts Bros.

Orms St., No. 20, two-and-one-half-sty frame dwell.; cost, \$3,500; owner, Jas. McOsker; builder, John T. Rafferty.

St. Louis, Mo.—Two-sty brick dwell.; cost, \$3,500; owner, Mrs. Brennan; contractor, J. Costello.

Two-sty brick dwell.; cost, \$3,500; owner, Mr. Farrell; contractor, J. Costello.

Two-sty brick dwell.; cost, \$5,000; owner, J. H. Roche; contractors, Chapman & Thursby.

Three-sty brick dwell.; cost, \$9,935; owner, R. E. Ricker; contractors, J. Stewart & Co.

Two-sty brick dwell.; cost, \$5,000; owner, W. J. Brennan; contractor, T. Hoach.

Two-sty brick dwell.; cost, \$5,000; owner and contractor, B. M. Proetz.

Three-sty brick dwell.; cost, \$5,900; owner, H. Dollmeyer; contractor, H. Shultz.

Two-sty brick dwell.; cost, \$2,750; owner, Charles Frotter; contractor, C. F. Murphy.

Two-sty brick dwell.; cost, \$3,000; owner and contractor, W. Hambley.

Three adj. two-sty brick dwell.; cost, \$7,500; owner, H. Schmidt; contractor, J. P. Richers.

Two adj. two-sty brick dwell.; cost, \$7,000; owner, Dr. A. A. Heuske; contractor, C. Lingeman.

Two-sty brick dwell.; cost, \$3,200; owner, D. Deeders; contractor, C. Lingeman.

Two-sty brick dwell.; cost, \$3,100; owner, G. Ewler; contractor, H. Wernmann.

Two-sty brick dwell.; cost, \$2,800; owner, J. Patterson; contract sub let.

Two-sty brick dwell.; cost, \$5,000; owner and contractor, W. H. Frantz.

Two-sty brick dwell.; cost, \$5,500; owner, Mrs. A. Beckman; contractor, F. L. Sauerwein.

Two-sty brick dwell.; cost, \$4,300; owner, Killen; contractors, Thomsen & Mertz.

Two-sty brick dwell.; cost, \$4,500; owner, W. Keemely; contractors, F. H. Gray & Bro.

Two-sty brick dwell.; cost, \$8,500; owner, J. J. Cookley; contractors, F. H. Gray & Bro.

Two two-sty brick dwell.; cost, \$7,000; owner, P. Schuck; contractor, V. Boeckele.

Two-sty brick dwell.; cost, \$2,600; owner, W. Munsha; contractor, H. H. Schumaker.

Two-sty frame dwell.; cost, \$3,000; owner, O. J. Smiley; contractor, C. M. Smiley.

Three-sty brick dwell.; cost, \$8,500; owner, J. F. Schlueter; contractors, Mathies & Schrielder.

Two-sty brick dwell.; cost, \$3,000; owner, H. Rohlf; contractors, C. Lemburg & Son.

Two-sty brick dwell.; cost, \$3,200; owner, H. Fischer; contractor, W. C. Coldens.

Two-sty brick dwell.; cost, \$4,300; owner, H. Schlingman; contractor, W. Kluth.

Two-sty brick dwell.; cost, \$4,500; owner, Mrs. G. Wallen; contractors, Ittner & Spore.

Two-sty frame dwell.; cost, \$4,500; owner, Floyd Shock; contractor, F. Morris.

Two-sty brick double dwell.; cost, \$7,000; owner, E. Erler; contractor, G. M. Roeder.

Two-sty brick dwell.; cost, \$5,699; owner, Mrs. Uhrig; contractor, M. C. Gittich.

Two-sty brick dwell.; cost, \$2,500; owner, R. Pelchman; contractor, R. J. Loyd.

Two-sty brick dwell.; cost, \$3,600; owner, Mary A. Foy; contractor, R. J. Loyd.

Two-sty brick dwell.; cost, \$3,200; owner, J. Stephens; contractor, H. Ellerman.

Two-sty brick dwell.; cost, \$3,000; owner, E. Kempin; contractors, Chapman & Thursby.

Two-sty brick dwell.; cost, \$2,500; owner, Mrs. Carleton; contractor, A. Weideich.

Two-sty brick dwell.; cost, \$2,500; owner and contractor, C. A. Bohn.

Two-sty brick dwell.; cost, \$7,600; owner, Mrs. Betts; contractor, J. H. Keefe.

Two-sty brick dwell.; cost, \$3,500; owners and contractors, Cook & Casey.

Two-sty brick dwell.; cost, \$5,000; owner and contractor, Jno. Wagner.

Two-sty brick dwell.; cost, \$3,400; owner, J. Campbell; contractor, C. Dougherty.

Two-sty brick dwell.; cost, \$3,000; owner, F. Koch; contractor, S. De Lille.

Two-sty brick dwell.; cost, \$3,400; owner, H. Nalf; contractor, F. Mueller.

Two-sty brick dwell.; cost, \$5,950; owner, Mrs. Middleton; contractor, E. W. Wauwa.

Four adj. two-sty brick dwell.; cost, \$10,000; owner and contractor, E. C. Pipe.

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dwell.; owners, John and Thomas Calder; contractor, C. I. Warren; architect, A. P. Cutting.
Brook Ave., two-sty frame dwell.; owner, D. A. Dahlberg; contractors, Wilson & Silven.
Colburn Ave., one-sty frame dwell.; owner, James Delvin; contractor, J. Trudeau.
Florence St., one-sty frame dwell.; owner, S. F. Carey; contractor, D. M. Waterman.
Richard St., three-sty frame dwell.; owner, J. Shore; contractor, D. M. Waterman.
Pleasant St., one-sty frame dwell.; owner, Mrs. Carrie L. Hassam; contractor, A. D. Hassam.
Burnside St., one-sty frame dwell.; owner, Geo. A. Barnard; contractors, Rankin & Woodside.
Fairbanks St., one-sty frame dwell.; owner, L. Anderson; contractors, Wilson & Silven.
Lyman St., one-sty frame dwell.; owner, C. Como; contractor, D. M. Waterman.
Ballard St., two-sty frame dwell.; owner, A. Kneeland; contractors, Healey & Co.
June St., two-sty frame dwell.; owner, S. E. Willard; day-work.
Lowell St., one-sty frame dwell.; owner and contractor, W. J. Wood.
June St., two-sty frame dwell.; owner, S. E. Willard; day work.
Ludlow St., two-sty frame dwell.; owner, Wm. Valle; contractor, J. D. Power.
Southbridge St., three-sty frame dwell.; owners, Geo. Townsend and Henry H. Miller; contractor, W. Powers.
Hope Ave., one-sty frame dwell.; owner, J. Trainor; contractor, W. Power.
Tatman St., two-sty frame dwell.; owner, J. P. Johnson; contractor, L. M. Peterson.
Ester St., two-sty frame dwell.; owner, E. V. Ulfores; contractor, L. M. Peterson.
Ester St., two-sty frame dwell.; owner, E. J. Halen; contractor, L. M. Peterson.
Perry Ave., three-sty frame dwell.; owners, Carlson Bros.; contractor, L. M. Peterson.
Clinton Lane, one-sty frame dwell.; owner, Mrs. Cornelia D. Flagg; day work.
Shuttsack St., two-sty frame dwell.; owner and contractor, D. B. Hyde.
Shale St., three-sty frame dwell.; owner and contractor, F. T. La Rose.
Gage St., three-sty frame dwell.; owner and contractor, J. Powers.
Lee St., two-sty frame dwell.; owner and contractor, J. B. Taber.

PUBLIC BUILDINGS.

Atlanta, Ga.—Court-house and jail to cost abt. \$150,000 is contemplated by Fulton County.
 Beaumont, Texas.—Court-house for Jefferson County to cost \$40,000 will be built.
 Charleston, W. Va.—Work is soon to commence on court-house to cost \$100,000; contractor, W. T. Townsend, Zanesville, Ohio.
 Newport News, Va.—Court-house and jail to cost \$20,148 will be erected; contractor, George H. Evans.

OFFICE-BUILDINGS.

New York, N. Y.—*Liberty St.*, n. e. cor. William St. eight-sty brick and stone fireproof office-building; architects, James M. McGregor & Sons.

SCHOOL-HOUSES.

Athens, Texas.—It is proposed to erect school-house to cost, \$10,000.
 Boston, Mass.—*Glen Road*, near Washington St., Ward 23, two-sty brick school-house, flat roof, 66' x 80'; for city of Boston; builder, D. L. Rand.
 Franklin, Mass.—Brick and stone high and grammar school-house, 64' x 100'; ten rooms, including recitation rooms, exhibition hall, laboratory in basement, etc.; work to be done by the day; architect, S. S. Woodcock, Boston.
 Jeffersonville, Mass.—Two-sty frame school buildings; cost, \$7,500; owner, Town of Holden; contractor, J. A. Brigham, Worcester, Mass.; architects, Barker & Nourse, Worcester, Mass.

BUILDING INTELLIGENCE.

St. Louis, Mo.—Two-sty brick school; cost, \$8,900; owner, St. Louis Public Schools; contractor, H. Thompson.
 Seven-sty brick Board of Education; cost, \$350,000; owner, St. Louis Public Schools; contractors, Andersen Bros.

STABLES.

Boston, Mass.—*Shirley St.*, rear, near George Ave., Ward 20, frame stable, 27' x 36'; owner, W. H. Abbott; builder, F. R. Perkins.
 Brooklyn, N. Y.—*De Kalb Ave.*, s. s. 200' w. Reid Ave., two-and-three-sty brick stable and dwell., gravel and slate roof; cost, \$15,000; owner, Henry Batterman, Broadway and Flushing Ave.; architect, P. J. Lauritzen, 18 East Twenty-third St., New York City.
Atlantic Ave., s. s. 200' e New York Ave., three-sty brick stable, tin roof; cost, \$8,000; owner, W. J. Skelley, 572 Fulton St.; architect, T. F. Houghton, 340 Fulton St.
Nassau St., Nos. 49-51-53, four-sty brick stable, gravel roof; cost, \$15,000; owner, James Constable, 302 Fulton St.; architect, J. G. Glover, 186 Remsen St.

Chicago, Ill.—Union Stock Yards Co., three-sty brick, Green and Forty-fourth Sts.; cost, \$5,000.
 New York, N. Y.—*Park Ave.*, w. s. bet. Fifth and Fifty-first Sts., six-sty brick and stone stable; cost, \$130,000; owner, W. O. Tait, architect, Thomas Graham.
Pleasant Ave., w. s. 200' n One Hundred and Twentieth St., two-sty brick stable, tin roof; cost, \$30,000; owner, August F. Schwarzer, 445 East One Hundred and Twentieth St.; architect, Andrew Spence, 163 East One Hundred and Twenty-fifth St.
Sixty-eighth St., s. s. 395' w Tenth Ave., three-sty brick stable, tar and gravel roof; cost, \$15,000; owner, James Butler, 41 Harrison St.; architect, John P. Leo, 38 Park Row.

Worcester, Mass.—*May St.*, one-sty frame stable; owner, C. B. Eatery; contractor, E. Gibbs.
Cross St., one-sty frame stable; owners, Henry Bros.; day work.
Harrington Ct., two-sty frame stable; owner, F. B. Harrington; contractor, W. R. Thompson.
Thomas St., two-sty brick and stone stable; owner, M. D. Gilman; contractor, J. A. Brigham; architects, Barker & Nourse.
Sover St., one-sty frame horse shed; owners, New England Agricultural Society; day work.
June St., one-sty frame stable; owner, Mrs. Carrie Hassam; contractor, A. D. Hassam.
Winfield St., two-sty frame barn; owner, P. Butler; contractor, J. F. Woodcock.
Canterbury St., one-sty frame stable; owner, W. H. Barry; contractor, W. Powers.

STORES.

Brooklyn, N. Y.—*Hamburg Ave.*, e. s. 50's Stockholm St., three-sty frame store and dwell., tin roof; cost, \$4,000; owner, Jacob Klett, 190 Hamburg Ave.; architect, E. Schrempf.
Broadway, s. w. cor. Halsey St., four-sty brick store and dwell., tin roof; cost, \$13,500; owner, Jas. Conway, 1578 Broadway; architect, Th. Engelhardt, 906 Broadway.
Hankory Ave., e. s. 50's Suydam St., 2 three-sty frame stores and dwells., tin roofs; cost, \$7,000; owners, J. Eich and S. G. Meyer, 175 Stanhope St.; architect, Frank Holmberg, 1161 Broadway.
Flushing Ave., n. s. 228' 51/2' w Morrell St., three-sty frame store and dwell., tin roof; cost, \$4,500; owner, Christopher Schneider, 867 Flushing Ave.; architect, Th. Engelhardt, 906 Broadway.
Court St., s. w. cor. Hamburg Ave., three-sty frame store and dwell., tin roof; cost, \$3,000; owner, L. B. Booth, 716 Hancock St.; architect, F. W. Ames, 1891 Broadway.
Varet St., s. s. 155' e Ewen St., 2 four-sty frame stores and dwells., tin roofs; cost, \$6,500; owner, Isaac Horowitz, Ellery St.; architects, D. Acker & Son, 752 Broadway.

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Sixth St., s. e. cor. Prospect Ave., 4 four-sty brick stores and apartment-houses; tin roofs; cost, \$35,000; owner, James Jack, 454 Ninth St.; architect, W. M. Coots, 26 Court St.
Wyckoff Ave., No. 32, three-sty frame store and dwell., tin roof; cost, \$5,300; owner, Edmund Stein, 34 Wyckoff Ave.; architect, H. E. Funk, 11 Varet St.
State St., n. s. 100' e Smith St., five-sty brick store and show rooms, tin roof; cost, \$29,000; owner, the Vosburgh Mfg. Co., Fulton and Smith Sts.; architect, George P. Chappell, 24 State St., New York City.
Thatford St., w. s. 125' e Eastern Parkway, three-sty frame store and dwell., tin roof; cost, \$4,800; owners, Salomonsen & Ringinski, Belmont Ave.
Fourth Ave., s. w. cor. Twenty-third St., two-sty frame store and dwell., tin roof; cost, \$3,000; owner, Elizabeth Stabler, 140 Twenty-first St.
Summer Ave., s. w. cor. Jefferson Ave., four-sty brick store and dwell., tin roof; cost, \$10,000; owner, Henry C. Evers, 447 Manhattan Ave.; architect, C. Dunkhase, 44 Manhattan Ave.
Broadway, n. e. cor. Hart St., 8 two-sty frame stores and dwells., tin roofs; cost, \$2,000 each; owner, Philip Levy, Broadway and Thornton St.; architect, H. Vollweiler, 483 Hart St.
Bristol St., w. s. 100' n Eastern Parkway, three-sty frame store and dwell., tin roof; cost, \$3,000; owner, Emil Reinking, Liberty and Alabama Aves.; architect, A. J. Warren, 2583 Atlantic Ave.
Sheffield Ave., s. e. cor. Glenmore Ave., three-sty frame store and dwell., tin roof; cost, \$5,000; owner, Lucas Glockner, 152 Henry St.; architect, Charles Infanger, 68 Van Siclen Ave.
De Kalb Ave., s. s. 43' e Graham St., three-sty brick store and dwell., tin roof; cost, \$5,000; owner, Wm. Vautten, 444 De Kalb Ave.
Harmon St., s. s. 95' w Wyckoff Ave., 2 three-sty frame stores and dwells., tin roofs; cost, \$4,000 each; owner, Daniel Fink, 376 Himrod St.
 Chicago, Ill.—Dr. V. C. Price, 2 four-sty stores and flats, 550-552 Market St.; cost, \$45,000.
 Otto Haak, 2 three-sty stores and flats, 916-918 North Nobey St.; cost, \$12,000.
 Christ. Mollen, three-sty store and flats, 3708 Wentworth St.; cost, \$5,000.
 Christian Ihle, two-sty store and flats, 6359 Halsted St.; cost, \$4,400.
 M. Hanson, three-sty store and flats, 2326 Belmont St.; cost, \$9,000.
 T. Schoen, two-sty store and flats, 8753 Commercial Ave.; cost, \$4,000.
 H. E. Tinsman, 2 three-sty stores and flats, 6110-6112 Wentworth Ave.; cost, \$20,000.

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F. Ziefeld, two-st'y store and flats, 5544 Laffin St. cost, \$3,000.
C. F. Mehnert, three-st'y store and flats, 408 Clybourne Ave.; cost, \$5,000.
Mathew Harvey, three-st'y store and flats, 325 Sixty-third St.; cost, \$8,000.
John C. Kraas, three-st'y store and flats, 463-565 Union St.; cost, \$9,000.
E. F. Tremor, three-st'y store and flats, 6925 Stony Island Ave.; cost, \$4,000.
F. C. Farnum, 4 three-st'y stores and flats, 1151-1157 West Twelfth St.; cost, \$18,000.
Joe Titlowski, two-st'y store and flats, 249 Eighth St.; cost, \$5,300.
Frank Kizaki, two-st'y store and flats, 3352 Laurel St.; cost, \$4,000.
Minneapolis, Minn. — Gustave O. Thompson, two-st'y brick and stone store, 119 First St., n; cost, \$5,000.
Bailey Bros., three-st'y brick stores and flats, Cedar St., cor. River Side Ave.; cost, \$12,000.
New York, N. Y. — Crosby St., No. 49, five-st'y brick store, tin roof; cost, \$15,000; owner and architect, Louis Korn, 261 Broadway.
West Tenth St., Nos. 299, 301, 303, four-st'y brick store, cement, concrete and asphalt roof; cost, \$90,000; owners, Beadleston & Woerz, 291 West Tenth St.; architect, Otto C. Wolf, 543 Fifth Ave.
St. Louis, Mo. — Two-st'y brick store and dwell.; cost, \$1,000; owner, Charles Petrie; contractors, F. Voelpel & Son.
Two-st'y brick store and dwell.; cost, \$3,800; owner, Mrs. C. Press; contractor, E. Paulus.
Two-st'y brick store and dwell.; cost, \$2,650; owner, J. Benedick; contractor, G. W. Poestner.
Two two-st'y brick stores and dwells.; cost, \$5,000 each; owners, Cunningham & Duffy; contractor, J. Schenck.
Two-st'y brick feed store and dwell.; cost, \$5,000; owner, H. W. Brickweda; contractor, N. Fellgreen.
Two-st'y brick store and shop; cost, \$2,500; owner, E. Hueltman; contractors, Wamhoff & Kennell.
Two-st'y brick store and dwell.; cost, \$3,000; owner, J. D. Berger; contractor, A. Fenner.
Two-st'y brick store and dwell.; cost, \$5,000; owner, H. Brolaaki; contractor, H. W. Boone.

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BUILDING INTELLIGENCE.

TENEMENT-HOUSES.
St. Louis, Mo. — Two-st'y brick tenement; cost, \$5,000; owner and contractor, M. E. Sullivan.
Two-st'y brick tenement; cost, \$3,100; owner, J. Furrer; contractor, G. M. Roeder.

WAREHOUSES.

Chicago, Ill. — Martin De Tangle, five-st'y ware-
house, 162-164 Van Buren St.; cost, \$28,000.

MISCELLANEOUS.

Atlanta, Ga. — The Board of Police Commissioners
contemplate the erection of a station-house to cost
about \$50,000.

Baltimore, Md. — Swindell Bros. will build three-st'y
brick building, Haines St., bet. Russell & Warner
Sts.

Brooklyn, N. Y. — Grand Ave., No. 307, three-st'y
brick carpenter shop, tar and gravel roof; cost,
\$3,500; owner, W. H. Tunison, 270 Franklin Ave.;
architect, George Ladue, 136 Quincy St.

Lexington Ave., s. s. 275 w. Grand Ave., one-st'y
brick Edison electric light works, corrugated iron
roof; cost, \$3,500; owner and architect, Edison Illu-
minating Electric Light Co., Pearl St.

Fulton St., n. w. cor. Clinton St., two-st'y bank and
office-building, tin roof; cost, \$45,000; owner, the
Brooklyn Bank, Fulton St.; architect, Wm. B.
Tubby, 81 Fulton St., New York City.

Kent Ave., w. s. 405 99 n. Cross St., 2 one-st'y brick
meter and pump rooms, slate roof; cost, \$10,000
each; owners and architects, Nassau Gas Co., Kent
Ave. and Cross St.

Kent Ave., w. s. 405 99 n. Cross St., 2 one-st'y brick
buildings, generator and retort house, slate roof and
iron frame; cost, \$50,000; owners and architects, the
Nassau Gas Co., Kent Ave. and Cross St.

Kent Ave., w. s. 464 37 n. Cross St., one-st'y brick
purifying house, slate roof; cost, \$25,000; owner and
architect, the Nassau Gas Light Co., Kent Ave. and
Cross St.

Cook St., n. s. 150 w. Bushwick Ave., four-st'y
frame tailor-shop, tin roof; cost, \$3,000; owner,
David Stern, 36 Siegel St.; architect, M. Schmol-
heiser, 63 Cook St.

Cook St., s. s. 150 e. Morrel St., four-st'y frame
tailor-shop, tin roof; cost, \$3,000; owner, David
Stern, 36 Siegel St.; architect, W. Schmolheiser, 63
Cook St.

Schermerhorn St., s. s. 50 e. Third Ave., six-st'y
brick Young Women's Christian Association Build-
ing, Sparham cement roof; cost, \$125,000; owner,
Young Women's Christian Association, Johnston
Building; architects, J. C. Cady & Co., 111 Broad-
way, New York City.

Chicago, Ill. — Schufeldt Distilling Co., two-st'y dry
press house, 26 Larrabee St.; cost, \$8,000.

New York, N. Y. — Fifty-seventh St., bet. Third and
Lexington Aves., hall; cost, \$34,000; owners, Retail
Grocers' Union.

McDougal St., Nos. 24-26, station house; owners,
Police Commissioners; architect, Bush.

One Hundred and Fifteenth St., Nos. 519-521, two-
st'y brick generator and condenser-house, peak iron
and slate roof; cost, \$7,000; owners, Standard Gas
light Co., 3 Cortland St.; architect, Frederick
Enger, foot of One Hundred and Fifteenth St.

West Twenty-fifth St., Nos. 551-555, six-st'y brick
workshop, tin roof; cost, \$75,000; owner, J. M. Cor-
nell, 29 East Thirty-seventh St.; architect, Geo. B.
Cornell, 141 Centre St.

Pittsburgh, Pa. — Brick and stone building, 60' x 80',
six stories, for offices, etc.; owner, J. J. Vander-
grift; contract to be let; architects, Longfellow,
Alden & Harlow, Boston.

St. Louis, Mo. — Two-st'y brick shop and dwell.; cost,
\$3,000; owner, L. J. Hayes; contractor, J. Ferguson.
Two-st'y brick laundry; cost, \$20,000; owner, C.
M. Dolph; contractor, Corswell & Evanford.

Three-st'y brick sanitarium; cost, \$40,000; owner
H. E. Roach; contract sub let.

BUILDING INTELLIGENCE.

Two-st'y brick bakery; cost, \$20,000; owner,
Sprague Delicatessen Co.; contractor, J. H. Bright.

Toledo, O. — Contract has been awarded to J. A.
Graham for a three-st'y brick armory-building,
Michigan St. and Spielbusch Ave.; cost, \$45,000;
architect, L. G. Welker.

Contract has been awarded H. E. Brown for a
brick and stone two-st'y business building, Washing-
ton St.; cost, abt. \$4,000; owner, Miss A. C. Mott;
architects, Bacon & Huber.

Worcester, Mass. — Lincoln Sq., one-st'y brick and
stone machine shop; owner, Chas. H. Morgan; day
work.

Lovell St., one-st'y frame boiler house; owner and
contractor, W. J. Wood.

Main St., one-st'y frame green house; owner, H.
Book; day work.

Perry St., two-st'y brick and stone hose house;
owner, City of Worcester; contractor, O. C. Ward;
architects, Patstone & Lincoln.

PROPOSALS.

Sealed proposals will be received at the Office of the
Supervising Architect, Treasury Department, Wash-
ington, D. C., until 2 o'clock P. M., on the 24th day of
September, 1891, for all the labor and materials re-
quired for certain miscellaneous repairs and decorative
painting to the United States Custom-house
Building at Charleston, S. C., in accordance with the
specification, copies of which may be had on applica-
tion to this office, or the Office of the Superintendent
of the United States Post-office, Court-house, etc.,
Charleston, S. C. Each bid must be accompanied by
a certified check for a sum not less than two per cent
of the amount of the proposal. 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, "Proposals for Miscellaneous Repairs to the
United States Custom-house at Charleston, S. C." and
addressed to W. J. EDBROOKE, Supervising Archi-
tect. 819

August 26, 1891. Sealed proposals will be received at
the office of the Supervising Architect, Treasury De-
partment, Washington, D. C., until 2 o'clock P. M.
on the 21st day of September, 1891, for furnishing
and erecting complete, one electric passenger and
freight elevator in the United States Custom House
Building, at Wheeling, West Va., 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 Wheeling, West Va. Each bid must be
accompanied by a certified check for a sum not less
than two per cent of the amount of the proposal. 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 require-
ments of this invitation. Proposals must be enclosed
in envelopes sealed and marked "Proposal for Electric
Passenger and Freight Elevator, for United States
Custom House Building at Wheeling, West Va.," and
addressed to W. J. EDBROOKE, Supervising Archi-
tect. 819

August 24, 1891. Sealed proposals will be received at
the office of the Custodian of the United States
Post-office, Court-house, etc., building at Baltimore,
Md., until 12 M. on the 23d day of September, 1891, for
all the labor and materials required to fit up a
prisoner's room in the fourth story of the above-
named building, in accordance with the drawing and
specification, copies of which may be had on applica-
tion at this office or the office of the Supervising
Architect, Treasury Department, Washington, D. C.
Each bid must be accompanied by a certified check
for a sum not less than two per cent of the amount of
the proposal. The Department will reject all bids

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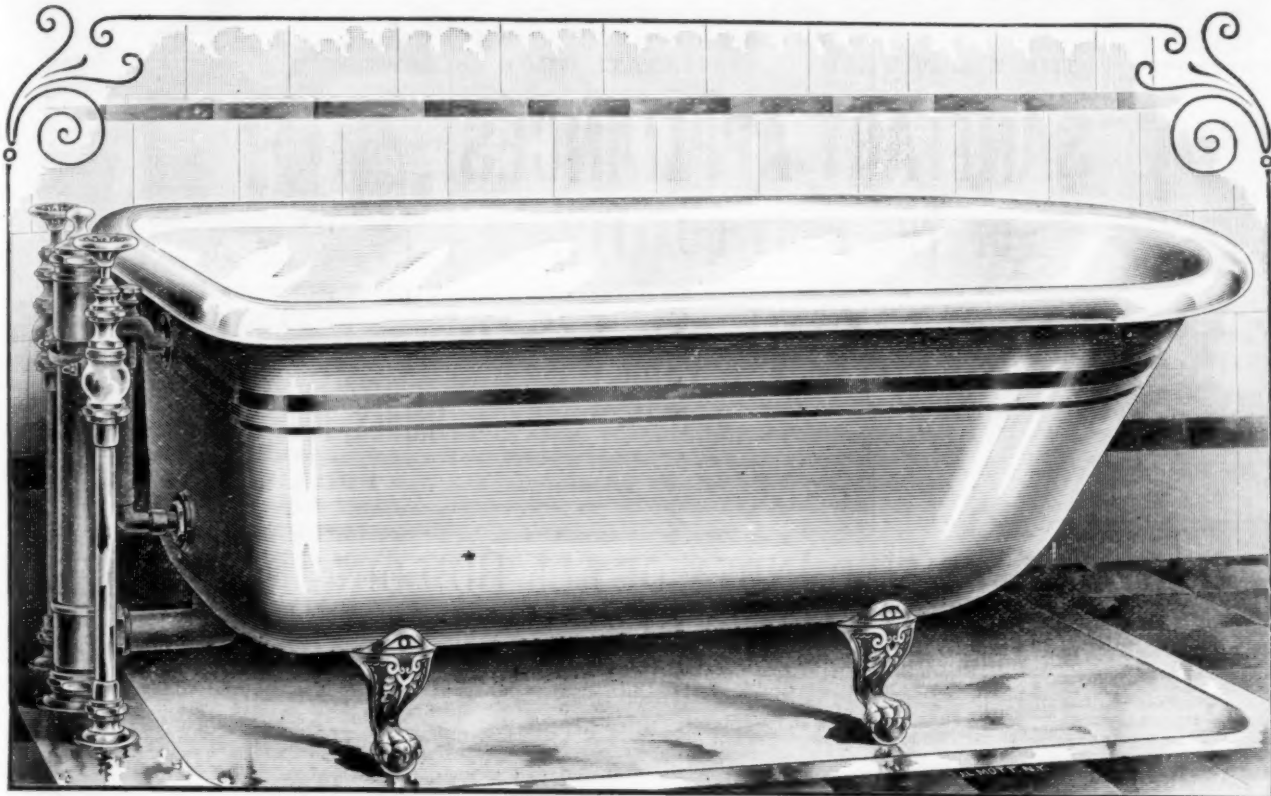


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PROPOSALS.

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 Fitting up a Prisoner's Room in the United States Post-office, Court-house, etc., building at Baltimore, Md.," and addressed to W. W. JOHNSON, Custodian.

August 21, 1891. Sealed proposals will be received at the office of the Superintendent until 12 o'clock M., on the 15th day of September, 1891, for all the labor and materials required for new sidewalks and repairs to areas at the United States Custom-house Building (Appraisers Stores) at St. Louis, Mo., in accordance with the drawing and specification, copies of which may be had on application at this office or the office of the Supervising Architect, Treasury Department, Washington, D. C. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. 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 New Sidewalks and Repairs to Areas for the United States Custom-house (old) at St. Louis, Mo.," and addressed to CHAS. K. RAMSEY, Superintendent.

August 17, 1891. 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 September, 1891, for all the labor and materials required for the approaches to the United States Custom House, etc., building at Galveston, Texas, 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 Galveston, Texas. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. 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 Custom House, etc., building at Galveston, Texas," and addressed to W. J. EDBROOKE, Supervising Architect.

August 15, 1891. 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 September, 1891, for all the labor and materials required for cleaning down and pointing the joints of certain stone work of the United States Post-office, etc., building at Brooklyn, N. Y., in accordance with the specification, copies of which may be had at this office or the office of the Superintendent at Brooklyn, N. Y. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of proposal. The Department will reject all bids received after the time herein stated for opening the same; also, bids which do not

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PROPOSALS.

comply strictly with all requirements of this invitation. Proposals must be enclosed in envelopes sealed and marked "Proposal for Cleaning down and Pointing certain stone work of the United States Post-office, etc., building at Brooklyn, N. Y.," and addressed to W. J. EDBROOKE, Supervising Architect.

August 13, 1891. 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 8th day of September, 1891, for all the labor and materials required for the joinery work, wood flooring, marble work, vault doors, cement floors, etc., for the United States Court House, Post-office, etc., building at Denver, Colo., 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, Colo. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. 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, Marble Work, etc., for the United States Court House, Post-office, etc., building at Denver, Colo.," and addressed to W. J. EDBROOKE, Supervising Architect.

August 17, 1891. 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 September, 1891, for all the labor and materials required for the stone and brick masonry, iron and wood floor, ceiling and roof construction, iron columns, roof covering, down and drain pipes, brick and terra-cotta floor arches, etc., of the superstructure of 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 on application at this office or the office of the Superintendent at Bay City, Mich. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. 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 Stone and Brick Masonry and Iron and Wood

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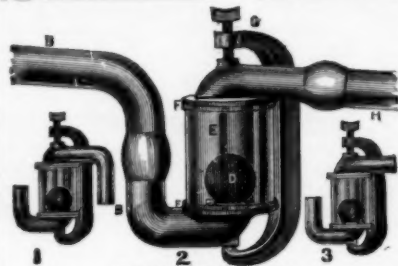


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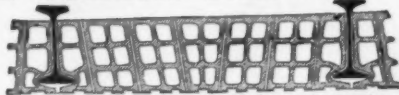
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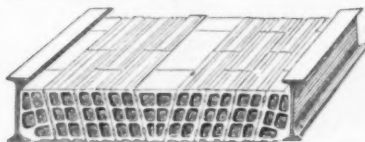
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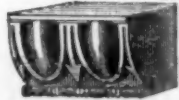
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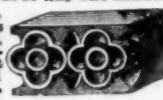
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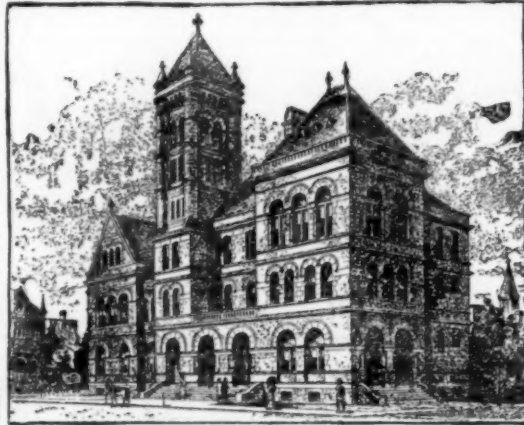
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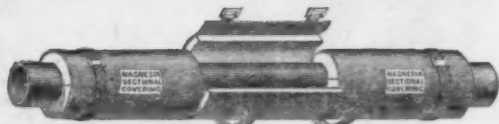
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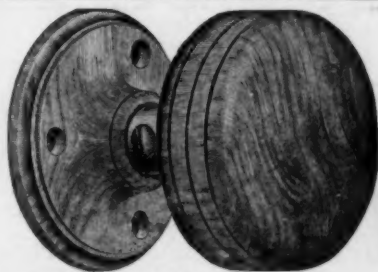
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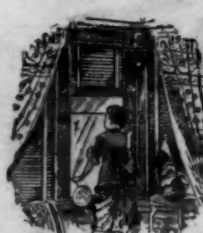
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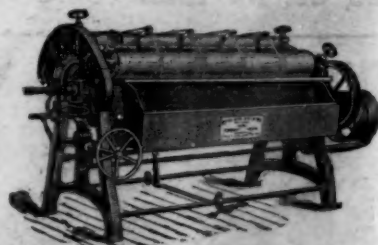
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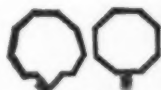
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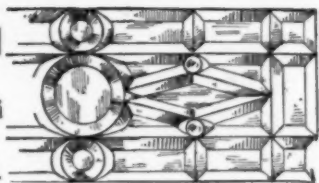
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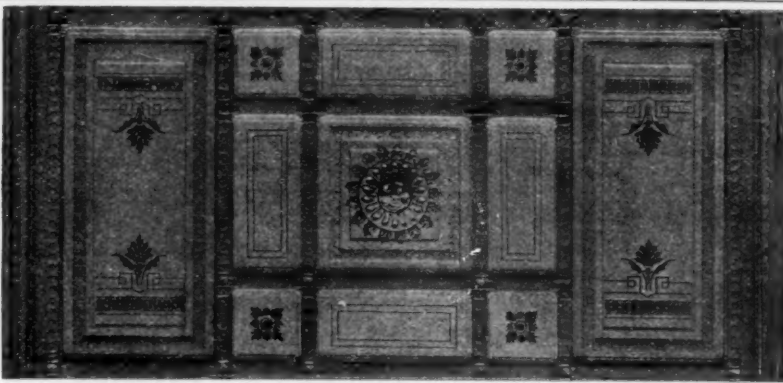


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Chicago.

Philadelphia.

(Wholesale Prices.)

(Prices 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
ca 13 1/2 @ 14	13 50 @ 25 00	Not sold.	16 00 @ 20 00
20 @ 40	13 00 @ 15 00	@ 12 00	11 25 @ 13 50
	25 00 @ 35 00	29 00 @ 37 00	14 00 @ 29 00
	31 00 @ 40 00	@	@ 35 00
@	38 00 @ 60 00	10 00 @ 22 00	14 00 @ 25 00
@	23 00 @ 35 00	Not sold.	Not sold.
14 00 @ 18 00	15 00 @ 18 00	12 00 @ 15 00	25 00 @ 37 20
12 00 @ 16 00	14 00 @ 15 00	Not sold.	16 00 @ 18 00
18 00 @ 21 00	24 00 @ 35 00	10 00 @ 13 00	13 00 @ 17 00
			22 00 @ 28 00
Laths:			
Pine.....	2 25 @ 2 35	2 10 @ 2 25	2 75 @ 3 00
Spruce.....	2 25 @ 2 50	Not sold.	2 30 @ 3 00
Shingles:			
Pine, shaved.....	5 00 @ 6 00	Not sold.	
Pine, sawed.....	4 00 @ 5 00	2 20 @ 3 00	
Spruce, sawed.....	1 50 @ 2 00	Not sold.	
Redwood.....	1 40 @ 1 60	6 00 @ 7 50	(30" \$35 @ 40
Cedar split.....	@	Not sold.	24" 8 @ 21
Cedar sawed.....	@	2 00 @ 2 35	20" 35 @ 14
Cypress, Split.....	5 00 @ 6 00	3 50 @ 4 00	11 00 @ 14 00
Miscellaneous:			
Piles.....	4 1/2 @ 5 1/2	Piles 6c. P. ft.	Cut to order.
Fence pickets, Common.....	8 00 @ 10 00	10 00 @ 18 00	P. 10 00 @ 18 00
Cedar posts, 9 ft. (sq. posts.).....	@	25 @ 50	9 @ 21
Chestnut posts.....	@	25 @ 50	Not sold.
Finishing Woods: P. M. (First Qual.)			
Ash.....	@ 55 00	45 00 @ 60 00	30 00 @ 35 00
Cherry.....	80 00 @ 120 00	90 00 @ 120 00	80 00 @ 110 00
Butternut.....	40 00 @ 60 00	60 00 @ 70 00	50 00 @ 60 00
Hard-pine floors (fir.).....	@ 180 00	45 00 @ 50 00	150 00 @ 200 00
Mahogany, Baywood [Mexican].....	@ 350 00	120 00 @ 350 00	200 00 @ 250 00
" St. Domingo.....	45 00 @ 50 00	45 00 @ 50 00	200 00 @ 400 00
Maple.....	@ 70 00	@ 50 00	25 00 @ 55 00
Oak, red.....	@ 70 00	50 00 @ 55 00	45 00 @ 55 00
" white.....	@ 90 00	65 00 @ 75 00	45 00 @ 55 00
" quartered.....		50 00 @ 65 00	60 00 @ 75 00
Sycamore quartered.....		35 00 @ 50 00	57 50 @ 65 00
Pine, clear.....	65 00 @ 70 00	50 00 @ 75 00	@ 65 00
Redwood.....	60 00 @ 70 00	60 00 @ 70 00	60 00 @ 75 00
Rosewood.....	@ 6		@ 7
Spruce floors (clear, kiln-dried).....		82 00 @ 35 00	
Walnut, black.....	125 00 @ 150 00	85 00 @ 120 00	55 00 @ 100 00
Whitewood.....	45 00 @ 50 00	40 00 @ 45 00	25 00 @ 40 00
Yellow pine.....	@ 45 00	40 00 @ 42 00	50 @ 45 00

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BRICK.—P. M.				
Common: Cargo afloat.				In Yard.
Pale.....	2 00 @ 2 25	Eastern } Building Brick	Sq. Hard @ 9 00	
Jersey.....	4 00 @ 4 75	9 00 @ 10 00 }	@ 6 50	" " @ 7 00
Long Island.....	@	Bay State Hard		Salmon @ 5 00
Up River.....	4 00 @ 5 00	8 00 @ 9 00		Sq. " @ 9 00
Haverstraw Bay 2d.....	4 75 @ 5 00	Domestic Com.	Indiana Pressed	Light Stretchers
" 1st.....	5 00 @ 5 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	@ 27 00	Red " @ 13 00
Croton, Brown.....	@ 13 00	Philadelphia }		Dark " @ 13 00
" dark.....	@ 14 00	40 00 @ 45 00 }		Pressed " @ 13 00
" red.....	@ 14 00	Phila. mould }		18 00 @ 20 00
Chicago pressed (Anderson).....		50 00 @ 80 00 }	15 00 @ 27 00	Best Paving @ 14 00
Baltimore.....	37 00 @ 1 00	Anderson	65 00 @ 350 00	Second " @ 13 00
Philadelphia.....	23 00 @ 24 00	14 00 @ 32 00	@ 55 00	Third " @ 12 00
Trenton.....	22 00 @ 23 00		45 00 @ 50 00	Dom. f @ 65
Milwaukee.....			45 00 @	@ 85
Moulded:			25 00 @	
Glens Falls Red Pressed.....	@ 37 00		60 00 @ 100 00	
" Buff.....	@ 30 00		30 @	
" Moulded Red & Buff	45 00 @ 70 00		35 @	
Enamelled: Imp.			55 00 @ 65 00	
Enamelled (edge).....	85 00 @ 100 00		@ 100 00	
Enamelled (edge and end).....	90 00 @ 115 00		@ 120 00	
CEMENT, LIME, etc.—(P. cash.)				
Rosendale Cement.....	90 @ 1 00	1 20 @ 1 40	Not sold.	1 30 @ 1 50
Louisville.....		Brooks, S. & Co.	1 05 @ 1 30	BS&Co 2 75 @ 3 00
Utica, Akron, Buffalo, Milw'kee.	Not sold.	2 60 @ 3 00	1 00 @ 1 25	2 85 @ 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
" " Black Cross.....	2 25 @ 2 50	2 60 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" " (Burnham).....	2 10 @ 2 80	2 60 @ 3 00	2 80 @ 3 15	2 75 @ 2 85
" " (White's).....	2 05 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	
" French (Lafarge).....	3 60 @ 3 75	3 00 @ 3 50	3 75 @ 4 25	Hemmoor 2 50 @ 2 75
" German (Asen).....	3 90 @ 3 25	3 00 @ 3 50	3 75 @ 4 25	2 75 @ 2 85
" " (Fewer).....	2 25 @ 2 40	3 15 @ 3 35	3 20 @ 3 40	
" " (Vorwoller).....	2 50 @ 2 90	Clapnetra	@	Josson 2 60 @ 2 75
" " (Lagerhofer).....	@	2 55 @ 3 00	2 75 @ 3 00	3 00 @ 3 25
" " (Dyckerhoff).....	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	2 75 @ 2 85
" " (Hanover).....	2 50 @ 3 00		Not sold.	Not sold.
" " Stettin (Anchor).....	2 35 @ 2 85		Not sold.	2 70 @ 3 00
" American (Saylor's).....	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	3 00 @ 3 50
Roman.....	2 75 @ 3 00	@ 3 00	2 75 @ 3 25	6 50 @ 7 00
Keene's coarse.....	5 75 @ 6 50	@ 6 00	6 00 @ 7 00	8 00 @ 9 00
" superfine.....	9 25 @ 10 25	@ 11 50	9 00 @ 10 50	
LIME.				
Lime of Teil.....	3 50 @ 4 00		Not sold.	White Lime @ bush 25 @ 30
Hydraulic Lime.....	@ 1 45	@ 1 35	55 @	{ White Mash 1 25 @ 1 50
Chicago Lime in bulk.....		St. John 1 00	60 @	1 00 @ 1 00
Wisconsin Lime.....	@ 1 00	@ 1 05	Not sold.	
Rockland and Rockport, (Com.).....	@ 1 00	@ 1 10	Not sold.	
Rockland and Rockport, finish.....	@ 1 20	@ 1 20	1 00 bulk, 75c.	
Kelley Island Lime, finish.....	@ 90	Not sold.	Not sold.	
State, com. cargo rates (nom.).....	@ 1 05	Not sold.	Not sold.	
State, finishing.....	1 20 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	Not sold.
Plaster of Paris (calcined).....	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 50 @ 2 25
" (casting).....	16 @ 18	25 @ 30	20 @ 25	1 75 @ 2 50
Hair (Cattle) @ bush.....	23 @ 25	@ 30	30 @ 35	30 @ 35
" (Goat).....	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
Sand, @ load.....				
STONE. (P. cubic foot, rough.)				
Granite: (Maine)		@ 60		55 @ 65
Limestone:				
Bedford.....	45 @ 1 25	95 @ 1 00	50 @	75 @ 90
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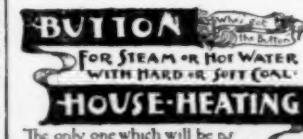


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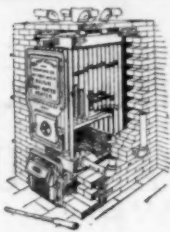
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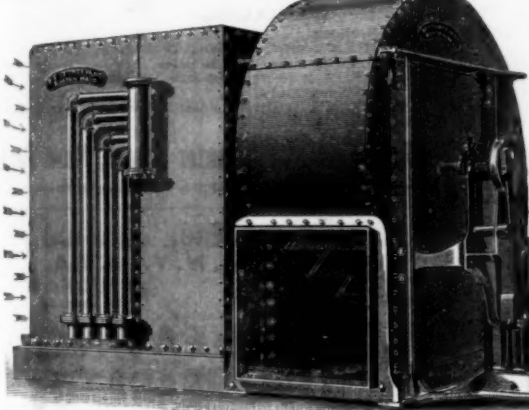
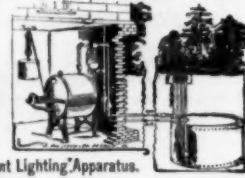
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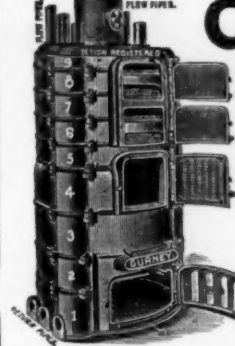
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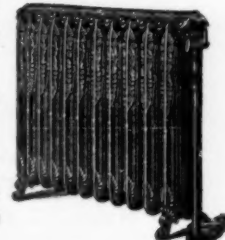
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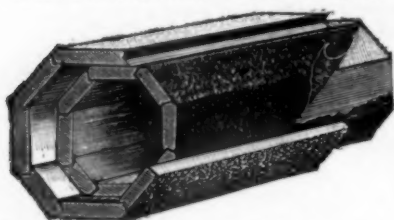
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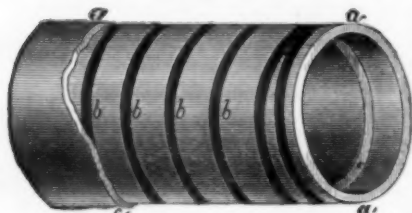
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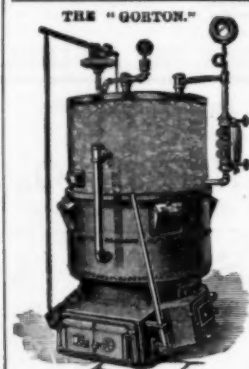
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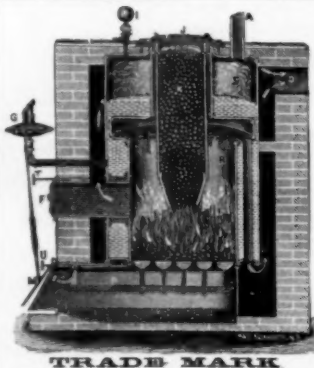
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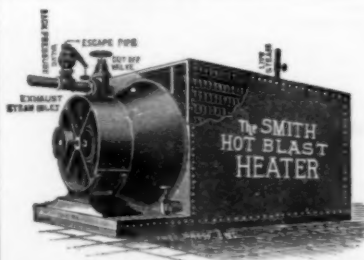
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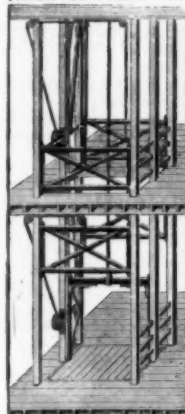
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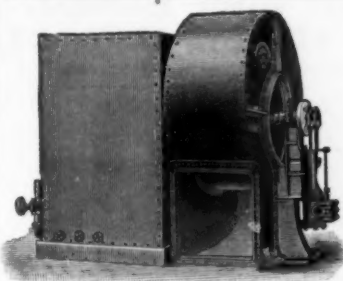
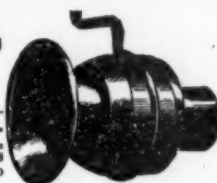
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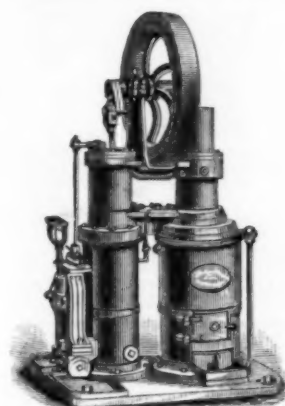
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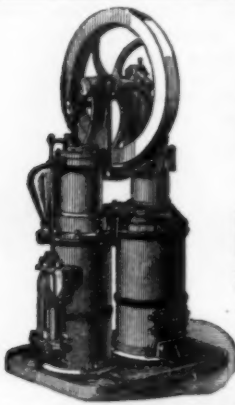
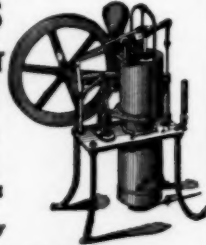
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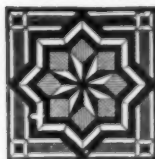
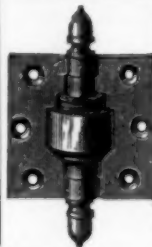
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POINTS ON VARNISH.

NO. 113.—THREE LESSONS. IS
THAT TOO MUCH?

If you would learn the first lesson on varnish, compare a dozen houses varnished five years ago with new ones.

The new ones are all right; the old ones look as if they might have been oiled.

These new ones will look like the old ones after a little. The service that varnish commonly renders is only to brighten the house for a year or two. People have learned this lesson, and varnish is in disgrace on account of it.

If you would learn the second lesson, look at a house that was varnished *well* five years ago. It is as clear and fresh as ever. This is the second lesson. When people learn it varnish will come to its own.

What is the relative cost of varnishing well and ill?

Cheap varnish saves \$1.25 or \$1.50 a gallon on (perhaps) fifteen or twenty gallons of varnish; the putting it on has little or nothing to do with its lasting. This is the third lesson.

Is it too much to ask that an architect learn the three?

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BILLS & HASS,

ATTORNEYS AND COUNSELORS AT LAW,

DAVENPORT, IOWA.

TELEPHONE NO. 17.

Davenport, Iowa, March 14th, 1891.

Mess. Harrison Bros. & Co.

Gentlemen:—

Eight years ago in May I bought of you, your "Town & Country Ready Mixed Paint", with which I had my house painted. It has proven satisfactory in every respect, and please send me the same kind, and same amount, with which to re-paint. The house does not really need re-painting, and does not look bad, but some of my porches are uncovered, and much exposed to the weather, and need painting to preserve the wood. So I must paint the whole house. It is the best looking, and most durable paint I have ever used, and I hope you will send me the same kind.

Yours very truly,

John C. Bills

The object in publishing the above letter is to convince architects and others interested in exterior color work that olive colors, properly prepared, are as durable as most other colors. The scheme of coloring which Mr. Bills adopted originally and which he says has stood well for eight years was made up mainly from olives. It is a common practice to make olive colors from cheap paints which contain much material used more for make-weight than for any pigment property, and that is the reason so much dissatisfaction has been caused by them. The "Town and Country" olives and all other "Town and Country" colors are made of the purest and best materials, put together in such manner as to give best results for body, brilliancy and permanency.

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From Amsterdam.—Steamer "Didam," 992 casks cement, order.
From Antwerp.—Bark "Geo. S. Romer," 5,640 barrels Portland cement, J. & W. Seligman & Co. Steamer "Noordland," 750 barrels cement and clay. E. Thiele; 6 blocks marble, Taber & Co.; 1,170 barrels cement, 15 cases marble, order. Steamer "Conemaugh," 2,000 barrels cement, E. Thiele. Steamer "Lepanto," 2,780 barrels cement, order.
From Bremen.—Ship "Theodor Fischer," 1,140 casks cement, Baetjer & Meyerstein.
From Central America.—Steamer "City of Para," 34 logs mahogany, Millard Hawes & Co.
From Copenhagen.—Steamer "Norge," 350 barrels cement, E. Sohns.
From Genoa, Leghorn, etc.—Steamer "India," 23 blocks marble, Pells & Co.; 28 do., 6,864 slabs do., order.
From Glasgow.—Steamer "Anchoria," 6 packages granite, R. Logan; 25 do. freestone, G. P. Sherwood; 3 do. granite, order. Steamer "State of California," 3 cases granite, Butler Bros.; 16 do., New York Granite Co.; 257 do., Austin, Baldwin & Co.; 40 do., W. C. Townsend; 116 do., order.
From Hamburg.—Steamer "Sueria," 500 casks cement, Gabriel & Schall. Steamer "Scandia," 100 casks cement, James E. Ward & Co.; 600 barrels do., Agency of Nevada Bank of San Francisco. Steamer "California," 440 casks cement, E. Thiele.
From Havana.—Steamer "Mexico," 25 bags asphalt, C. Oertel.
From Hull.—Steamer "Buffalo," 195 bales cow-hair, New York Produce Exchange Bank; 31 bales cattle-hair, order.
From Leghorn.—Bark "Amizicia," 37 blocks marble, 339 marble slabs, Pells & Co.; 473 marble slabs, 15 casks stone bricks, order.
From Liverpool.—Steamer "Greece," 20 casks stone, Sayre & Fischer; 543 do., bricks, Howard Fleming.
From London.—Steamer "Helvetia," 500 casks cement, Bank of British North America; 1,000 do., Chas. J. Stevens; 500 do., Marcial & Co.; 1,000 do., Howard Fleming; 500 do., 3 drums do., order. Steamer "Persian Monarch," 500 casks cement, C. J. Stevens; 2,649 do., order.

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IMPORTS OF BUILDING MATERIALS, Etc.

From Naulta, Mexico.—Schooner "James Wotherpoon," 319 logs mahogany, 28 log ends do., H. Marquardt & Co.
From Newcastle-on-Tyne.—Steamer "Croma," 25,000 square bricks, Hammill & Gillespie; 1,120 casks Portland cement, Bowring & Archibald; 1,150 do., order.
From Rotterdam.—Steamer "Maasdam," 1,000 casks cement, E. Thiele; 23 cases animal-hair, A. Wimpfheimer.
From Shields.—Steamer "St. Dunstan," 1,120 casks cement, Bowring & Archibald.
From Stettin.—Steamer "Norge," 950 casks cement, Emil Kauter; 3,000 barrels do., order.

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.]

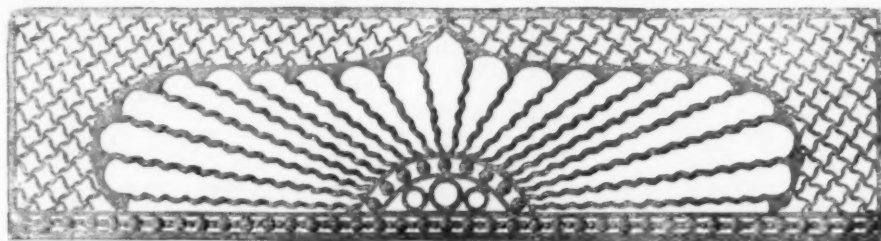
ALTERATIONS.

Brooklyn, N. Y.—Carroll St., n. s. 192' e Sixth Ave., four-sty brick school, tin roof; top story taken off, and observatory tower built of brick, slate and galvanized iron on frame; two-sty brick extension, tin roof added; cost, \$5,000; owners, Sisters of St. Joseph, Flushing, L. I.; architect, Charles Werner, Garfield Building.
Chicago, Ill.—Cook County, one-sty addition, County Hospital Buildings, Polk and Wood Sts.; cost, \$10,000.
C. C. Chandler, two-sty addition City Hotel, 1605-1609 State St.; cost, \$10,000.
Minneapolis, Minn.—G. Gluck & Sons, 2006 Marshall St., n. e., addition to brewery; cost, \$20,000.
New York, N. Y.—Seventeenth St., Nos. 50-52, two-sty brick stable raised to three stories and an extension on front; cost, \$4,500; owner, M. A. McCormack, 50 West One Hundred and Twenty-seventh

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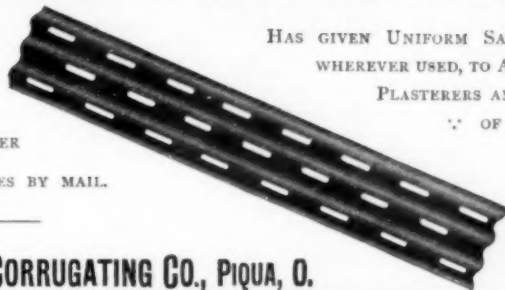
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St.; architect, J. H. Valentine, One Hundred and Twenty-first St. and Eighth and St. Nicholas Aves.

Fifth Ave., No. 319, three-sty brick club-house, internal alterations; cost, \$5,000; owner, Knickerbocker Club, 319 Fifth Ave.; architects, McKim, Mead & White, 1 West Twentieth St.

East Thirtieth St., No. 122, five-sty brick store, repaired where damaged by fire; cost, \$3,000; owner, Andrew J. Garvey, 18 East Fiftieth St.; architects, J. W. Clark & Co., 119 Worth St.

Sixth Ave., from Forty-third to Forty-fourth St., four-sty brick storage-building, repaired where damaged by fire; cost, \$14,000; owners, Sixth Ave. Railroad Co., 46 West Fortieth St.; architects, R. L. Darragh & Co., 1539 Broadway.

Philadelphia, Pa. — Barker St., No. 1727, additions; contractor, James Killen.

North Seventeenth St., No. 125, addition; owner, Theodore M. Keeney.

Mercer St., No. 233, addition; contractor, T. P. Street.

South St., No. 247, alterations; contractors, Davies & McDonald.

Seybert St., No. 2243, addition; contractor, James H. Faries.

Girard Ave., No. 1802, alterations; contractor, James Young.

Girard Ave., No. 1641, alterations; contractors, Ralph & Gregg.

Vine St., s. e. Fifty-fourth St., addition; contractor, W. A. Patterson.

Ridge Ave., No. 2525, alterations; contractors, Rutter & Ogden.

South Second St., No. 1739, addition; contractor, George Allibono.

Columbia Ave., No. 1340, addition; contractor, A. R. Roff.

APARTMENT-HOUSES.

Brooklyn, N. Y. — Fulton St., 458th from Nostrand

BUILDING INTELLIGENCE.

Ave., five-sty brick flat, tin roof; cost, \$25,000; owners, Beets Bros., Fulton St. and Nostrand Ave.; architects, Thayer & Wallace, Thomas Jefferson Building.

Carroll St., No. 529, three-sty flat, tin roof; cost, \$3,500; owner and builder, Tony Lupe, 529 Carroll St.; architect, George M. Miller, 420 Fifth Ave.

McDougal St., n. s. 239th w Stone Ave., 4 three-sty frame flats, tin roofs; total cost, \$16,000; owner, Wm. M. Brown, 114 Cumberland Heights; architect, Ernest Dennis, 115 Himrod St.

Chicago, Ill. — S. Meagher, two-sty flats, 6543 Drexel Boulevard; cost, \$3,000.

R. R. Thomas, two-sty flats, 1319 Jackson St.; cost, \$5,000.

J. L. Dickhurst, two-sty flats, 625 Kedzie Ave.; cost, \$4,000.

Sorin Y. Baek, two-sty flats, 680 Dania Ave.; cost, \$3,800.

W. Wolgraff, two-sty flats, 322 Robey St.; cost, \$5,000.

Loeb Bros., 6 four-sty flats, 401-403 West Randolph St.; cost, \$50,000.

Robert Aspen, three-sty flats, 8908 Superior St.; cost, \$3,000.

John Holkrn, two-sty flats, 64 Osgood St.; cost, \$5,500.

Philip Arnold, two-sty flats, Ellis Ave., near Sixty-sixth St.; cost, \$3,000.

New York, N. Y. — East One Hundred and Forty-third St., No. 740, five-sty brick flat, tin roof; cost, \$22,000; owner, George Connor, 117 Forsyth St.; architect, Charles Rents, 153 Fourth Ave.

One Hundred and Third St., n. s. 27th w Park Ave., 2 five-sty brick flats, tin roofs; cost, \$30,000; owners, Mull & Fromer, 1593 Washington Ave.; architect, J. J. Vresland, 711 East One Hundred and Seventy-seventh St.

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Fifth Ave., five-sty brick and stone flat; cost, \$16,000; owner, Andrew Judge; architect, J. C. Burne.

CHURCHES.

Chicago, Ill. — Humbolt M. E. Church, 779-783 Tallman Ave.; cost, \$5,000.

German Zion Church, Ninety-ninth St., near Hoffman St.; cost, \$4,000.

Fowler M. E. Church, 1072-1074 Millard Ave.; cost, \$16,000.

New York, N. Y. — Seventy-seventh St., n. e. cor. West End Ave., one, two and three sty brick church and school, peak tin and slate roof; cost, \$150,000; owner, Protestant Reformed Dutch Church, 143 East Sixty-seventh St.; architect, R. W. Gibson, 18 Wall St.

FACTORIES.

Brooklyn, N. Y. — Kent Ave., block bounded by Kent Ave., North Sixth, North Seventh Sts. and the East River, four-sty brick barrel factory, gravel roof; cost, \$75,000; owner, Brooklyn Cooperage Co., 181 Front St., New York City; architect, A. Krause, Washington and Essex Sts., Jersey City.

Wythe Ave., w. s. 25th s South Eleventh St., six-sty brick factory, tin roof; cost, \$35,000; owners, McLoughlin Bros.; architect, W. H. Gaylor, 110 South Eighth St.

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Worcester, Mass. — Nebraska St., three-st'y brick and stone factory; owner, H. H. Bigelow; architect, A. P. Cutting.

HOSPITALS.

Boston, Mass. — Albany St., near East Concord St., Ward 18, one-st'y brick hospital, pitch roof, 21' x 22'; for Homeopathic Hospital; builders, Connery & Wentworth.

New York, N. Y. — Twenty-eighth St., n. s., and East River, two-st'y brick hospital for alcoholic patients, peak, slate roof; cost, \$25,000; owner, New York City, Dept. Public Charities and Correction, 68 Third Ave.; architects, Withers & Dickson, Bible House, Astor Pl.

HOTELS.

Chicago, Ill. — J. J. A. and Eliza Hopson and E. E. Sexton, six-st'y hotel, 1201-1207 Michigan Ave.; cost, \$250,000.

HOUSES.

Baltimore, Md. — George R. Scharp, 3 two-st'y brick dwells., Walsh St., e. s., Patterson Ave. Mrs. Lizzie Herferts, three-st'y brick dwell., Canton Ave., s. s., bet. Broadway or Register St. M. D'Atley, five-st'y brick dwell., Eutaw St., e. s., bet. Camden & Dover Sts.

Francis McCardle, 2 three-st'y brick dwells., Calvert St., w. s., bet. Franklin & Centre Sts. James Fox, three-st'y brick dwell., Forrest St., w. s., bet. Douglas St. and Half Moon Alley.

Henry Wessell, 4 two-st'y brick dwells., Hamburg St., s. s., and two-st'y brick dwell., Grindall St., n. s., bet. Riverside and Covington Sts.

I. E. Warfield, 22 two-st'y brick dwells., Aisquith St., w. s.; 19 two-st'y brick dwells., Holbrook St., e. s.; 6 two-st'y brick dwells., Hoffman St., n. s.

Jas. R. Wheeler, 3 two-st'y brick dwells., Cross St., s. s., w. William St.

Chas. M. Warman, 21 two-st'y brick dwells., Druid Hill Ave., w. s., n. North Ave.

Thos. E. Bord, 6 three-st'y brick dwells., Park Ave., w. s., bet. Reservoir St. and Terrington Ave.

Boston, Mass. — Dudley St., No. 626, Ward 20, four-st'y brick dwell., flat roof, 36' x 27.7'; owner, Max Kaiser; builder, J. F. Smith.

Blue Hill Ave., cor. Moreland Terrace, three-st'y frame dwell., 22.6' x 53'; owner, M. J. Good; builders, McNeill & McLean.

BUILDING INTELLIGENCE.

Maple St., cor. Schuyler St., Ward 21, frame dwell., 37' x 48'; owners, J. A. Houston and J. F. Wetherbee; builder, J. F. Wetherbee.

Chelsea St., cor. Prescott St., Ward 1, three-st'y frame dwell. and store, flat roof, 22' x 45'; owner, Edward Marlane; builder, E. J. Turner.

Bunker Hill St., No. 286, Ward 4, three-st'y frame dwell., flat roof, 17.7' x 44'; owner, J. Donigan; builder, C. A. Halstrom.

Washington St., near Hurlbert St., Ward 21, three-st'y frame dwell., flat roof, 25.6' x 40'; owner, Patrick Kenney; builder, M. J. O'Brien.

Saratoga St., near Prescott St., Ward 1, three-st'y frame dwell., flat roof, 22' x 68'; owner, T. B. Doherty; builder, J. C. Hamilton.

Webster St., No. 285, Ward 2, three-st'y frame dwell., flat roof, 21' x 45'; owner, Mrs. J. Twingo; builders, Hatt & Rogers.

Kilguth Road, opp. Selkirk Road, Ward 25, two-st'y frame dwell., hip roof, 28' x 44.6'; owner, H. Parker.

Falcon St., near Brooks St., Ward 1, 2 frame dwells., 22' x 55'; owners, Habun Associates; builder, C. H. Bates.

Tremont St., No. 1800, cor. Burney St., Ward 22, three-st'y frame dwell. and store, flat roof, 28' x 58'; owner, J. J. Kennedy.

Howland St., near Humboldt Ave., Ward 21, frame dwell., 32' x 40'; owner, Charles Merrill; builder, Charles Kibby.

Cottage St., No. 224, Ward 24, frame dwell., 27.6' x 30'; owner, D. C. Bremer; builder, W. H. Haddock.

Canant St., cor. Bumstead Lane, Ward 22, three-st'y frame dwell., flat roof, 25' x 40'; owner, Mrs. Thomas Toohy; builders, Pierce Bros. & Campbell.

Auckland St., near Elton St., Ward 24, two-st'y frame dwell., flat roof, 26' x 40'; owner, M. H. Gelfenther; builder, Archibald Brown.

Custer St., near Goldsmith St., Ward 23, three-st'y frame dwell., hip roof, 24' x 42'; owner, Thomas Kane; builder, J. J. Flynn.

Bird St., No. 51, Ward 20, frame dwell., 24' x 36'; owner, E. J. Baker; builders, W. H. Haddock & Co.

West Seventh St., No. 50, Ward 13, three-st'y frame dwell., flat roof, 22' x 40'; owner, Walter Spratt; builders, Howard Bros.

Cowper St., near Short St., Ward 1, frame dwell., 21' x 47'; owner, W. H. Darey; builder, J. C. Martin.

Whitman St., near Norfolk St., Ward 24, frame dwell., 24' x 36'; owner, G. E. Murdock; builders, W. H. Haddock & Co.

Leroy St., near Geneva Ave., Ward 24, frame

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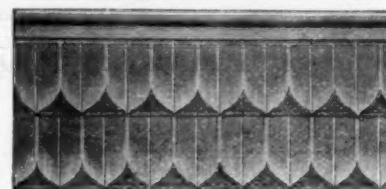
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dwell., 22' x 33'; owner and builder, C. A. Mitten.

Waterloo St., near Harvard St., Ward 24, frame dwell., 27' x 36'; owner, Mrs. R. D. McLellan; builder, Isaac McClellan.

Harrison St., near Florence St., Ward 23, frame dwell., 21' x 43'; owner, Mrs. C. Charlton; builder, J. Purdy.

Saunders St., cor. North Beacon St., Ward 25, three-st'y frame dwell., hip roof, 29' x 32.6'; owner and builder, Dwight Baldwin.

Saunders St., near North Beacon St., Ward 25, 3 three-st'y frame dwells., pitch roofs, 22.6' x 30', and 24.6' x 28.6'; owner and builder, Dwight Baldwin.

Townsend St., near Washington St., Ward 21, frame dwell., 33.6' x 34'; owner, G. W. Gregory; builders, Ourish & Rich.

Sagamore St., near Savin Hill Ave., Ward 24, frame dwell., 22.6' x 51.6'; owner, Mrs. E. Higgins; builders, Junkins & Grace.

Brooklyn, N. Y. — Vernon Ave., n. s., 339' e. Nostrand St., 6 two-and-one-half-st'y brick dwells., tin roofs; cost, \$5,500; owner, architect and builder, John Parkin, 40 Vernon Ave.

Decatur St., n. s., 75' w. Throop Ave., 4 two-and-one-half-st'y brick dwells., tin roofs; cost, \$5,000; owner, John Gordon, 374 Clermont Ave.; architect, Robert Dixon, 219 Montague St.

Seigel St., n. s., 100' e. Leonard St., four-st'y frame dwell., tin roof; cost, \$7,500; owner, Mrs. B. Keller, on premises; architects, D. Acker & Son, 752 Broadway.

Melrose St., n. s., 100' e. Knickerbocker Ave., 2 three-st'y frame dwells., tin roofs; cost, \$5,000 each; owner, Joseph Weldner, on premises; architects, D. Acker & Son, 752 Broadway.

St. John's Pl., s. s., 160' w. Seventh Ave., 3 three-st'y brick dwells., tin roofs; cost, \$7,500 each; owner, Wm. L. Dowling, 683 President St.; architect, Robert W. Frith.

Jerome St., e. s., 100' s. Dumont Ave., 2 two-st'y frame dwells., tin roofs; cost, \$1,500 each; owner, J. H. Brundage, Jerome St.

Orient Ave., n. s., 160' w. Guilford St., three-st'y frame dwell., gravel roof; cost, \$3,000; owner, N. A. Conklin, 16 Orient Ave.; architect, F. J. Berlenbach, Jr., 250 Graham Ave.

Third St., s. s., 220' w. Seventh Ave., seven-st'y double dwell., tin roof; cost, \$55,000; owners and builders, Moses & Fanton, Fourth St. and Seventh Ave.; architect, George M. Miller, 420 Fifth Ave.

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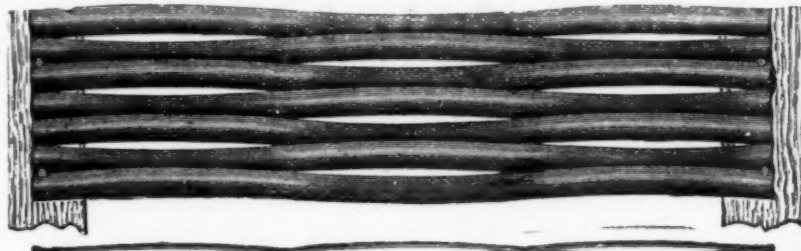
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BUILDING INTELLIGENCE.

Buffalo, N. Y.—St. Columbus Rectory, three-sty, brick and stone; slate and tin roof; architect, W. H. Archer.

Chicago, Ill.—E. W. Day, two-sty dwell., 1918 Belmont Ave.; cost, \$5,000.

C. E. Phelps, three cottages, 6148 Carpenter St. and 5921-5923 Morgan St.; cost, \$4,250.

James Short, two-sty dwell., 36 South Park Ave.; cost, \$5,000.

A. C. McClurg, three-sty dwell., 123-126 Lake Shore Drive; cost, \$75,000.

William Mussen, three-sty dwell., 1363 West Polk St.; cost, \$4,000.

J. L. Swan, 3 two-sty dwells., 5534-5544 Peoria St.; cost, \$9,500.

J. Barkowsky, two-sty dwell., 113 Michigan Ave.; cost, \$4,500.

M. Huzgood, two-sty dwell., 273 Webster Ave.; cost, \$6,000.

Minneapolis, Minn.—J. F. Crichton, 2628-30 Blaisdell Ave., frame dwell.; cost, \$5,500.

New York, N. Y.—Seventy-first St., s s, 125 w Central Park, West, 5 four-sty brick dwells., tin roofs; cost, \$100,000; owner, Carrie S. Kennedy, 19 West Seventy-fourth St.; architect, G. A. Schellinger, 128 Broadway.

Aqueduct Ave., w s, 250 n Hampden St., three-sty brick and frame dwell., peak roof; cost, \$7,000; owner, Frederick S. Moore, 342 East Sixty-ninth St.; architect, Jno. W. McKechnie, 61 East Eleventh St.

Webster Ave., e s, and North One Hundred and Seventieth St., No. 435, 3 three-sty brick and frame dwells., tin roofs; cost, \$13,500; owner, Sarah C. Ottwell, 75 Lexington Ave.; architect, Louis Kayner, Webster Ave. and Anna Pl.

Mott Ave., e s, 176 w One Hundred and Sixty-fifth St., two-and-one-half-sty brick and frame dwell., peak, slate roof; cost, \$7,000; owner, Florence Wilkins, 630 Walton Ave.; architect, Walter F. Stiekels, Mt. Vernon.

Philadelphia, Pa.—Crispin St., n s, n Welsh Road, three-sty dwell.; owner, Walter Paxon.

Willow St., e s, n Harrison St., two-sty brick dwell.; contractor, Wm. W. Worrell.

Howard St., No. 120, three-sty stone dwell.; owner, John Hare.

Otis St., n w cor. Wilder St., two-sty brick dwell.; contractors, Hulshizer & Richardson.

BUILDING INTELLIGENCE.

Carson St., e s, s Mermaid Lane, 2 two-sty dwells.; contractor, John Owens.

North Sixth St., No. 920, three-sty dwell.; owner, L. Schwab.

Ditman St., n e cor. Howell St., two-sty dwell.; owner, William J. Duryea.

South Front St., No. 1004, two-sty dwell.; contractor, Frank Rementer.

Fourth St., w s, s Susquehanna Ave., three-sty dwell.; owners, Whalen & Brother.

Howell St., n e cor. Torredale St., three-sty dwell. and store; contractor, H. P. Castor.

Cowden St., w s, bet. Murray and Boileau Sts., three-sty dwell.; contractor, John M. Fisher.

Twentieth St., e s, n Montgomery Ave., three-sty dwell.; contractors, J. S. Cornell & Son.

Loyock St., s s, w Seventy-eighth St., 2 two-sty frame dwells.; contractor, Geo. E. Biseox.

Twentieth St., s Moore St., two-sty dwell.; owner, Hugh Todd.

Oxford St., e Hope St., 3 three-sty dwells.; contractor, Robert Craig.

Thirty-fifth St., e s, n Queen Lane, 2 three-sty dwells.; contractor, Joseph Woffington.

Sixty-first St., s Master St., 2 two-sty dwells.; owner, Samuel J. Whittaker.

Frankford Ave., s Foulkrod St., three-sty dwell.; contractor, J. Harry Schumaker.

Mechlin St., s s, e Main St., three-sty dwell.; contractor, M. D. Whartman.

Junction Ave., e s, s Houghton Ave., 2 three-sty dwells.; owner, James O. Holgate.

Tacony St., w s, n Hamilton St., two-sty dwell.; owner, Sidney King.

Pike St., w s, n Cherry St., three-sty dwell.; contractor, Wm. P. Fogg.

Arrott St., s w cor. Horrocks St., three-sty stone dwell.; contractors, Milnor & Co.

Harvorth St., e s, n Frankford Ave., two-sty dwell.; owner, Wm. S. Roberts.

Front St., s w cor. Cumberland St., 3 three-sty dwells.; contractor, John Hagan.

Somerville, Mass.—Jacob St., near Elm St., frame dwell., 29' x 45.6'; owner, William L. King; builder, Reuben Edgett.

Miller St., frame dwell., 22' x 40'; owner, Ellen M. Sullivan; builder, J. W. Connor.

Gilman St., frame dwell., 21' x 35.6'; owner, C. H. Ramsdell; builder, Wallace M. Rice.

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BUILDING INTELLIGENCE.

St. Louis, Mo.—Two-sty brick dwell.; cost, \$2,500; owner and contractor, J. W. Newcomb.

Two-sty brick dwell.; cost, \$7,500; owner, Wm. Pieper; contractors, Bierman & Abbing.

Two-sty brick dwell.; cost, \$4,000; owner, J. H. Smith; contractor, D. G. Hughes.

Three two-sty brick dwells.; cost, \$7,500; owner, C. W. McFarland; contractor, H. W. Boone.

Three-sty brick dwell.; cost, \$4,000; owner, R. E. Schrich; contractor, E. L. Wagner.

Two-sty brick dwell.; cost, \$5,000; owner and contractor, J. Wilkinson.

Two-sty brick dwell.; cost, \$2,800; owner, T. Bowdren; contractor, G. P. Pfeiffer.

Two-sty brick dwell.; cost, \$4,500; owner, Mrs. E. Olmstead; contractor, R. Schriewick.

Two-sty brick dwell.; cost, \$3,100; owner, G. Keefer; contractor, C. Wehking.

Two-sty brick dwell.; cost, \$4,500; owner, Mrs. K. Dauber; contractor, A. E. Cook.

Two-sty brick double dwell.; cost, \$7,000; owner, H. Steinmeyer; contractors, G. F. Mueller.

Two-sty brick double dwell.; cost, \$4,250; owner, C. Kell; contractor, Jos. Weis.

Two-sty brick dwell.; cost, \$6,700; owner, H. Sauerbrun; contractor, E. Steinmeyer.

Traverse City, Mich.—Two-sty frame dwell.; slate roof; cost, \$30,000; owner, Perry Hannah; architect, W. G. Robinson, Grand Rapids, Mich.

Worcester, Mass.—Alvarado Ave., 2 one-sty frame dwells.; owner, H. H. Bigelow; contractors, Ward & Blanding.

Perkins St., two-sty frame dwell.; owner, C. Frank Howard; contractor, W. J. Cutting.

Chandler St., two-sty frame dwell.; owner, G. L. Bigelow; contractor, W. B. Richardson.

Burncoat St., one-sty frame dwell.; owner, W. J. Anderson; contractors, Rankin & Woodside.

Hope Ave., one-sty frame dwell.; owner, William J. Lee; day work.

Brittan Lane, one-sty frame dwell.; owner, E. L. Hubley; contractor, R. Taft.

OFFICE-BUILDINGS.

Boston, Mass.—Gerard St., near Swett St., Ward 20, three-sty frame office and shop, flat roof, 45' x 100'; owner and builder, J. F. Carew.

New York, N. Y.—Broad St., Nos. 64-68, Beaver St.; Nos. 31-33, ten-sty brick office, concrete and flat roof; cost, \$400,000; owner, Cora Morris, Westchester Co.; architects, Young & Cable, 45 Broadway.

Philadelphia, Pa.—Chestnut St., No. 1340, one-sty office; contractors, Geo. F. Payne & Co.

Heiskel St., n High St., two-sty office; contractor, Thomas S. Carman.

SCHOOL-HOUSES.

Tonawanda, N. Y.—District School No. 2, brick annex, tin roof; architect, W. H. Archer, Buffalo, N. Y.

STABLES.

Boston, Mass.—Landaeer St., near Bellevue St., Ward 22, one-sty frame stable, 24' x 32'; owner, C. A. Wilson; builder, J. M. Kelly.

Howland St., rear, cor. Humboldt Ave., Ward 21, one-sty frame stable, pitch roof, 20' x 21.6'; owner, W. R. Meins; builder, W. C. Greenlaw.

Granite St., near Richards St., Ward 13, three-sty frame stable, flat roof, 72' x 122.6'; owners, Louis Flanders & Co.

Richview St., rear, near Adams St., Ward 24, one-sty frame stable, hip roof, 20' x 30'; owner, W. B. Brooks, Jr.; builder, James Pope.

Weid St., rear, cor. Willow St., Ward 23, one-sty

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Quarries and Manufactory, Middle Grantville, N. Y.

BUILDING INTELLIGENCE.

frame stable, hip roof, 20' x 34'; owner, F. J. Herthel, Jr.; builders, Morrell & Worden.
Birch St., No. 45, rear, Ward 23, one-st'y frame stable, pitch roof, 20' x 30'; owner, J. A. Horn; builder, A. Rogers.
Chicago, Ill. — T. E. Welles & Co., two-st'y barn, Forty-seventh St., near Packers Ave.; cost, \$3,000.
J. Mason Loomis, two-st'y barn, 11-15 Stone St.; cost, \$5,000.
Hill Bros., one-st'y barn, 748-750 Thirty-ninth St.; cost, \$3,800.
C. H. Morse, two-st'y barn and dwell., 263-270 Forty-eighth St.; cost, \$15,000.
New York, N. Y. — Third Ave., e s, 212' s One Hundred and Sixty-ninth St., three-st'y brick stable, tin roof; cost, \$15,000; owner, David Mayer, 1043 Fifth Ave.; architect, William Guggolz, 2305 Bathgate Ave.
St. Nicholas Ave., w s, 100' 11" n One Hundred and Twenty-first St., four-st'y brick stable, fireproof, cement and tin roof; cost, \$36,000; owner, Frederick Hulberg, 265 West One Hundred and Twenty-fifth St.; architect, Richard K. Davis, 247 West One Hundred and Twenty-fifth St.
Philadelphia, Pa. — Green St., e s, n Duval St., two-st'y stone stable; contractor, John Fley.
Falethorp St., w s, s Diamond St., two-st'y brick stable; contractors, George Daring & Son.
Hare St., No. 2425, two-st'y brick stable; contractor, Wm. Gordon.
Woodland Ave., No. 5007, one-st'y frame stable; owner, David W. Hansell.
East Second St., w s, s Snyder Ave., two-st'y stable; owner, E. Harris.
Fifth St., w s, s Poplar St., two-st'y stable; owner, Chas. A. Beitenmiller.
Montrose St., No. 2132, one-st'y stable; owner, John Droingool.
Istona Road, e Eighty-sixth St., one-st'y stable; owner, Mr. Macroper.
Market St., e Grays Ferry Lane, brick stable; owner, James Evans.
Morris St., n s, e Apsley St., two-st'y stone stable; contractor, A. S. Tourison.
Oxford Pike, s Rockland St., one-st'y stable; owner, Annie Boyer.
Hanson St., w s, s Woodland Ave., two-st'y stable; contractor, Allen T. Lewis.
St. Louis, Mo. — One-and-one-half-st'y brick stable; cost, \$3,000; owner, Wm. Pickel; contractors, Goosse & Remmers.
Worcester, Mass. — Paine St., one-st'y frame stable; owner and contractor, W. J. Cutting.
Birch St., one-st'y frame stable; owner, J. Hunt; contractors, E. S. Warren & Son.

STORES.

Brooklyn, N. Y. — Osborne Ave., n e cor. Livonia St., three-st'y frame store and dwell., tin roof; cost, \$3,500; owner, S. C. Wilson, 2499 Atlantic Ave.

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BUILDING INTELLIGENCE.

Partition St., No. 133, four-st'y frame store and dwell., tin roof; cost, \$7,000; owner, John Wolf, on premises.
Ewen St., e s, 18' n Jackson St., four-st'y frame store and dwell., gravel roof; cost, \$4,000; owner, James Kelley, 86 Berry St.; architect, Fred Weber, 211 Manhattan Ave.
Ewen St., n e cor. Jackson St., four-st'y frame store and dwell., gravel roof; cost, \$4,200; owner, James Kelley, 86 Berry St.; architect, Fred Weber, 211 Manhattan Ave.
Glenmore Ave., n s, 25' w Christopher St., three-st'y frame store and dwell., tin roof; cost, \$5,000; owner, Morris Levy, 49 Pike St., New York City.
Thirty-fourth St., s w cor. Fourth Ave., 5 four-st'y brick stores and dwells., tin roofs; cost, \$10,000 each; owner, Nicholas McCool, Jr., Thirty-fourth St. and Fourth Ave.; architect, E. D. Haines.
Kingston Ave., n w cor. Bergen St., 2 three-st'y brick stores and dwells., tin roofs; total cost, \$17,000; owners, John H. Doherty & Bros., 286 Flatbush Ave.; architect, W. M. Coots, 26 Court St.
Chicago, Ill. — Henry Reisse, four-st'y store and flats, 475 Sheffield Ave.; cost, \$10,000.
James Seuger, 2 three-st'y stores and flats, 1097-1099 Sheffield Ave.; cost, \$15,000.
J. F. Murphy, two-st'y store and dwell., 6650 Cottage Grove Ave.; cost, \$3,000.
F. C. Gilbert, 2 four-st'y store and flats, 112-116 Thirty-first St.; cost, \$8,000.
Ashley Pond, four-st'y store and flats, 80 Cleveland Ave.; cost, \$8,000.
G. W. Shopp, 2 three-st'y stores and flats, Sacramento and Colorado Aves.; cost, \$22,000.
C. C. Grosscurth, three-st'y stores and flats, 2060 Wentworth Ave.; cost, \$6,000.
A. Cella, three-st'y store and flats, 4163 Halsted St.; cost, \$12,000.
Calvin Moore, three-st'y store and flats, 6657 State St.; cost, \$7,000.
Jacob Kramer, 6 four-st'y stores and flats, 816-824 West Madison St.; cost, \$40,000.
H. Sangmeyer, three-st'y store and flats, 328 Sixty-third St.; cost, \$6,000.
B. Boddeker, four-st'y store and flats, 453 West Chicago Ave.; cost, \$6,000.
John Ions, three-st'y store and flats, 639 Ogden Ave.; cost, \$8,000.

BUILDING INTELLIGENCE.

J. W. Lindaur, three-st'y store and flats, 922 Commercial Ave.; cost, \$10,000.
Strand Brothers, two-st'y store and flats, 8550 Green Bay Ave.; cost, \$3,000.
W. H. Bussy, two-st'y store and flats, Irving Ave., near N. W. Railroad; cost, \$6,400.
H. Harper, 2 four-st'y stores and flats, 1211 Van Buren St.; cost, \$20,000.
Minneapolis, Minn. — M. Provo, 1901-7 Central Ave., brick veneer stores and flats; cost, \$6,000.
New York, N. Y. — Sixth Ave., s w cor. Eleventh St., six-st'y brick store, tin or plastic slate roof; cost, \$95,000; owners, John Glass & Son, 426 West Twenty-third St.; architect, G. A. Schellinger, 128 Broadway.
St. Louis, Mo. — Three-st'y brick store and dwell.; cost, \$9,000; owner, V. Turvezek; contractor, Wm. C. Popp.
One-st'y brick store and dwell.; cost, \$7,000; owner, C. H. Turner; contractor, Wm. M. Lashorn.
Two-st'y brick store and dwell.; cost, \$6,000; owner, Mrs. Cassall.
THEATRES.
Boston, Mass. — Court St., rear 183, three-st'y brick theatre, flat roof, 70' x 112'; owners, C. F. Atkinson, et als.; builders, Woodbury & Leighton.
St. Louis, Mo. — Two-st'y brick theatre; cost, \$30,000; owner, German Dramatic Association; contractor, O. J. Wilhelm.
WAREHOUSES.
Brooklyn, N. Y. — Harrison St., s w cor. Van Brunt St., 2 seven-st'y brick warehouses, gravel, felt and cement roofs; cost, \$102,000; owner, Brooklyn Pier and Storage Co., 31 State St., New York City; architect and builder, Thomas Stone, 471 State St.
Chicago, Ill. — John Gubbins, warehouse, 1132-1133 West Fourteenth St.; cost, \$8,000.
Carson, Pirie, Scott & Co., six-st'y warehouse, 106-116 Law Ave.; cost, \$40,000.
Miss Rosa Etting, three-st'y warehouse, 189-193 Michigan St.; cost, \$20,000.
Minneapolis, Minn. — Janney Semple & Co., First St., bet. First St. and Second Ave., s, iron warehouse; cost, \$5,000.

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THE "A-D" SYPHON WATER CLOSET

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Hydraulic Elevator, and while we do not claim that it

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BUILDING INTELLIGENCE.

Philadelphia, Pa.—*Ludlow St.*, s s, w Forty-first St., three-st'y stone and brick warehouse; owners, J. Wallworth & Son.

MISCELLANEOUS.

Boston, Mass.—*Scotia St.*, near Bothnia St., Ward 11, one-st'y iron storehouse, pitch roof, 45' x 112'; owner and builder, W. D. Vinal.

Brooklyn, N. Y.—*Navy St.*, w s, 102' 5" s De Kalb Ave., two-st'y brick electric-light station, gravel roof; cost, \$7,000; owners, Citizen's Illuminating Co., on premises; architect, Thos. F. Houghton, 370 Fulton St.

Huron St., n s, 150' w Oakland Ave., three-st'y frame coach house and dwell., felt and gravel roof; cost, \$3,000; owner, John H. Murphy, 324 Oakland St.

Chicago, Ill.—Balter Brothers, foundry, 901-905 Ward St.; cost, \$15,000.
Edward Pattison, brick basement, 205 West North Ave.; cost, \$3,000.

Chicago Fire Department, two-st'y engine-house, 1421-1423 Fillmore St.; cost, \$7,000.
Ada Porter, three-st'y riding school, 620-628 North Clark St.; cost, \$10,000.

Grand Rapids, Mich.—*West Fulton St.*, two-st'y red brick and cut stone passenger depot; cost, \$15,000; owners, Lake Shore and Michigan Southern Railroad; architect, Chas. S. Frost, Chicago.

Philadelphia, Pa.—*Philadelphia and Reading Rail road*, n Nicetown Lane, two-st'y cooper shop; contractor, Wm. W. Worrell.
York St., n s, e Ball St., one-st'y brick erecting shop; contractors, Einwechter & Sons.

Market St., s e cor. Thirty-seventh St., elevator; contractor, E. F. Cloud.

North Third St., No. 2919, two-st'y ice house and stable; contractor, Henry G. Schultz.

State Road, n Bleigh St., 2 one-st'y buildings; contractor, Thomas O. Enoch.

Thirty-sixth and Sansom Sts., two-st'y Sunday-school building; owners, First Baptist Church.

St. Louis, Mo.—One-st'y frame freight shed; cost, \$3,000; owner and contractor, St. L. I. M. & S. Ry.

Two-st'y brick conservatory of music; cost, \$13,000; owners, Eppstein & Waldower; contractors, Beinke & Weiss.

Worcester, Mass.—*Lawrence St.*, three-st'y brick and stone block; owner, H. G. Crane; contractor, H. W. Eddy; architects, Barker & Nourse.

PROPOSALS.

Office of the Light-house Inspector, Third District, Tompkinsville, New York, P. O. Box 2128, New York City, August 31, 1891. Proposals will be received at this office until 2 o'clock P. M., on Wednesday, the 16th day of September, 1891, for supplying 17,000 feet, more or less, of three conductor double armor electric cable about two inches in diameter, needed for lighting buoys to mark Gedney Channel, New York Bay. Full information relative to this cable can be obtained on



BECAUSE

THE single pipe from cistern is connected to a bent or curved passage in the earthenware, forming a trap about six inches deep, which positively prevents the escape of foul air through the supply-pipe.

THE back vents are placed on either side, and are so arranged that the flow of water, soil paper, etc., is away from instead of into the vent openings, so that the vents cannot become clogged, features not to be found in any other double-trapped closets, and which are of

VITAL IMPORTANCE.

THE water contained in bowl is of sufficient depth to immerse all excretion.

THE action is instantaneous, strong and nearly noiseless, the result of a single short pull.

THE cistern is furnished with a 3-inch slow-closing valve, so simple that it cannot fail to operate, and could not be worn out in twenty years.

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PROPOSALS.

application at this office. The right is reserved to reject any or all bids and to waive any defects.
HENRY F. PICKING, U. S. N., Light-house Inspector, Third District.

August 27, 1891. 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 28th day of September, 1891, for all the labor and materials required for the iron stairs, iron work, etc., of elevator shaft, for the United States Court-house, Post-office, etc., building at Denver, Colo., in accordance with drawings and specification, copies of which may be had on application at this office, or the office of the Superintendent at Denver, Colo. Each bid must be accompanied by a certified check for a sum not less than two per cent. of the amount of the proposal. 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, "Proposals for Iron Stairs, Iron Work, etc., for the United States Court-house, Post-office, etc., Building at Denver, Colo.," and addressed to W. J. EDBROOKE, Supervising Architect.

August 29, 1891. Sealed proposals will be received at the Office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M.,

PROPOSALS.

on the 29th day of September, 1891, for all the labor and material required for the Approaches to the United States Court-house and Post-office Building at Chattanooga, Tenn., 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 Chattanooga, Tenn. Each bid must be accompanied by a certified check for a sum not less than 2 per cent of the amount of the proposal. 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 Court-house and Post-office Building at Chattanooga, Tenn.," and addressed to W. J. EDBROOKE, Supervising Architect.

August 28, 1891. 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 September, 1891, for all the labor and materials required for the approaches to the United States Court-house and Post-office Building at Statesville, N. C., 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 Statesville, N. C. Each bid must be accompanied by a certified check for a sum not less than two per

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and Durable Fix-
tures as Porce-
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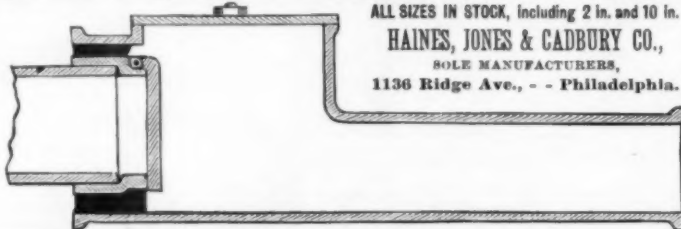
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BENBOR



PROPOSALS.

cent. of the amount of the proposal. 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 in-
vitation. Proposals must be enclosed in envelopes
sealed and marked, "Proposal for the Approaches to
the United States Court-house and Post-office Build-
ing, Statesville, N. C.," and addressed to W. J.
EDBROOKE, Supervising Architect. 819

Sealed proposals will be received at the Office of the
Supervising Architect, Treasury Department, Wash-
ington, D. C., until 2 o'clock P. M., on the 24th day of
September, 1891, for all the labor and materials re-
quired for certain miscellaneous repairs and decora-
tive painting to the United States Custom-house
Building at Charleston, S. C., in accordance with the
specification, copies of which may be had on applica-
tion to this office, or the Office of the Superintendent
of the United States Post-office, Court-house, etc.,
Charleston, S. C. Each bid must be accompanied by
a certified check for a sum not less than two per cent
of the amount of the proposal. 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, "Proposals for Miscellaneous Repairs to the
United States Custom-house at Charleston, S. C.," and
addressed to W. J. EDBROOKE, Supervising Archi-
tect. 819

August 20, 1891. Sealed proposals will be received at
the office of the Supervising Architect, Treasury De-
partment, Washington, D. C., until 2 o'clock P. M.
on the 21st day of September, 1891, for furnishing
and erecting complete, one electric passenger and
freight elevator in the United States Custom House
Building, at Wheeling, West Va., 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 Wheeling, West Va. Each bid must be
accompanied by a certified check for a sum not less
than two per cent of the amount of the proposal. 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 require-
ments of this invitation. Proposals must be enclosed
in envelopes sealed and marked "Proposal for Electric
Passenger and Freight Elevator, for United States
Custom House Building at Wheeling, West Va.," and
addressed to W. J. EDBROOKE, Supervising Archi-
tect. 819

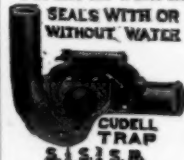
August 24, 1891. Sealed proposals will be received
at the office of the Custodian of the United States
Post-office, Court-house, etc., building at Baltimore,
Md., until 12 M. on the 23d day of September, 1891, for
all the labor and materials required to fit up a
prisoner's room in the fourth story of the above-
named building, in accordance with the drawing and
specification, copies of which may be had on applica-
tion at this office or the office of the Supervising
Architect, Treasury Department, Washington, D. C.
Each bid must be accompanied by a certified check
for a sum not less than two per cent of the amount of
the proposal. 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

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PROPOSALS.

be enclosed in envelopes sealed and marked "Proposal
for Fitting up a Prisoner's Room in the United States
Post-office, Court-house, etc., building at Baltimore,
Md.," and addressed to W. W. JOHNSON, Custodian.
819

August 21, 1891. Sealed proposals will be received
at the office of the Superintendent until 12 o'clock M.,
on the 15th day of September, 1891, for all the labor
and materials required for new sidewalks and repairs
to areas at the United States Custom-house Building
(Appraisers Stores) at St. Louis, Mo., in accordance
with the drawing and specification, copies of which
may be had on application at this office or the office of
the Supervising Architect, Treasury Department,
Washington, D. C. Each bid must be accompanied by
a certified check for a sum not less than two per cent
of the amount of the proposal. 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 New Sidewalks and Repairs to
Areas for the United States Custom-house (old) at St.
Louis, Mo.," and addressed to CHAS. K. RAMSEY,
Superintendent. 819

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Carroll Phillips Bassett, M. Am. So. C. E.: "That it furnishes the public with a satisfactory substitute for expensive vent pipes, which is applicable over a wide range of conditions, must be admitted."

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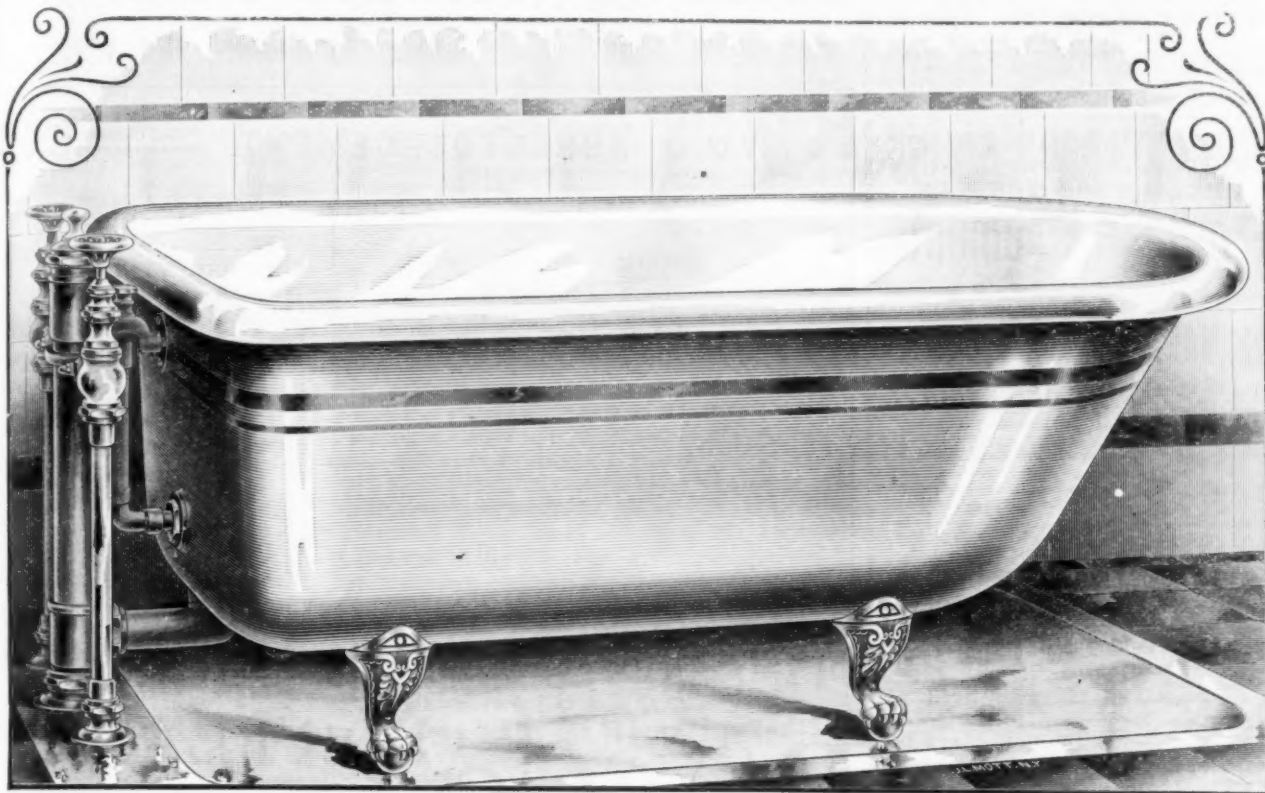


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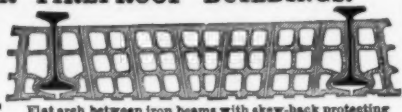
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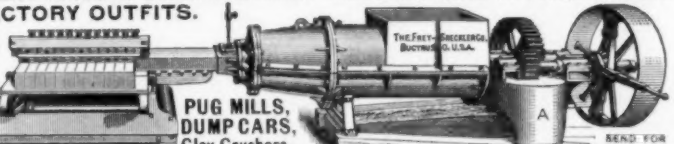
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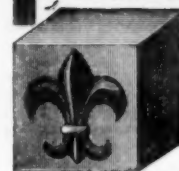
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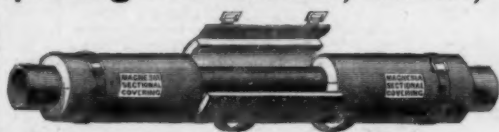
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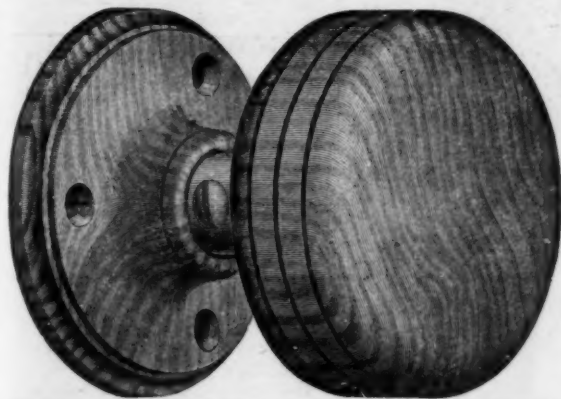
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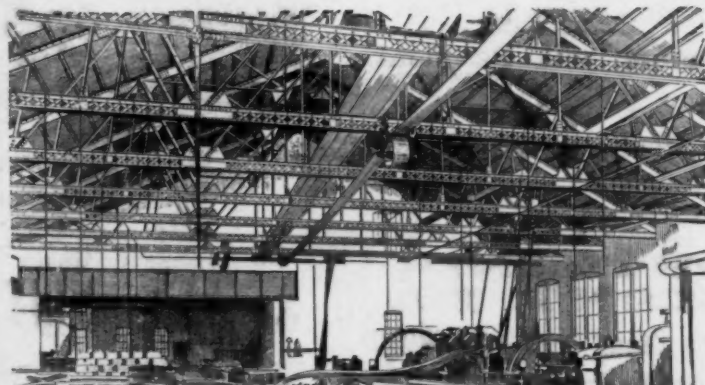
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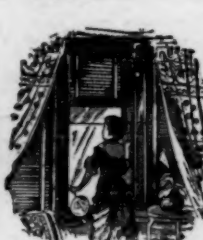
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... A NEW EFFECTFUL FABRIC FOR WALL COVERING. CAN EITHER BE PASTED ON THE WALL, LIKE ORDINARY WALL PAPER, OR PUT ON FRAMES. NOT MORE EXPENSIVE THAN FINE WALL PAPERS ...

Address, **EMIL MAJERT, 216 Church Street, NEW YORK.**

INSURANCE CO. OF NORTH AMERICA, - - of Philadelphia.

Capital Stock	\$3,000,000.00
Reserve for Re-Insurance	\$,004,570.00
Reserve for Unadjusted Losses and other Liabilities	\$26,897.81
Surplus over all Liabilities	\$,399,783.06

Best Conductor of all

RITCHIE'S

Corrugated Expanding

Conductor.

Guaranteed no Infringement.

This pipe has all the advantages of other corrugated conductors in not bursting from freezing, and in addition:

It has no soldered joints.

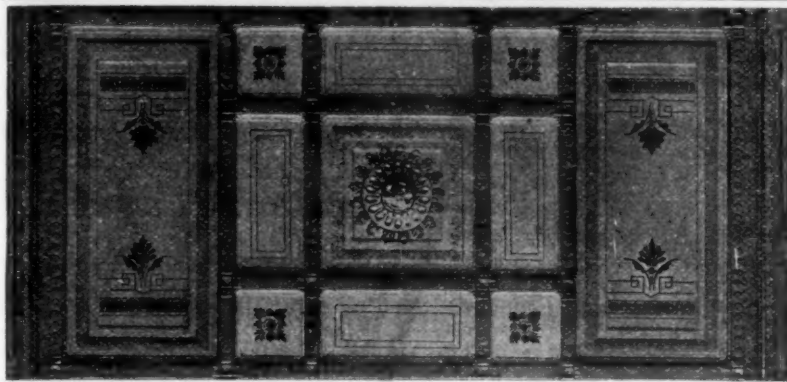
The enlarged coupling makes the conductor of even size inside throughout.

It is galvanized, after formation, great care being taken to secure a smooth coating of zinc free from dross and impurities.

MANUFACTURED BY

LAMB & RITCHIE,

Boston Spiral Tube Works,
CAMBRIDGEPORT, MASS



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(KINNEAR'S PATENT.)

This Ceiling will stand intense heat.
Will not roll up when exposed to fire.
Can furnish it of various designs.
Both plain and artistic.

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THEATRE-HOUSES, LODGEROOMS,
HALLS, OFFICES, &c.
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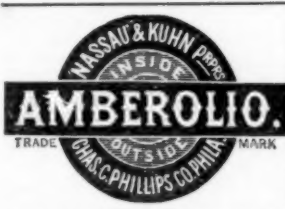
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and 6 Vestry Street,
Near Varick St.,
New York.

Wrought Iron
and
Brass Work

Of Quaint Conceit and
Original Designs, made
under the personal super-
vision of the proprietor,
for the embellishment of
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"The most magnificently and luxuriously appointed, and most perfectly equipped hotel in the world."—New York World Register.

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Flooring, Shingles and
Cabinet Finishing,

VULCANIZED WOOD

IS PROOF AGAINST

Decay, Shrinkage, Warping and Swelling,
AND GREATLY BEAUTIFIES.

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Room 69, No. 40 Wall St., - - NEW YORK CITY.



Giant Metal Sash Chain.

MADE ONLY BY

THE SMITH & ECCE MANUFACTURING CO.,
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The most reliable and economical article in the market for the purpose. GREAT TENSILE STRENGTH Does not corrode; does not lose its vitality by continuous use, or exposure to the elements; runs over any pulley, and gives satisfaction wherever it is used. Fixtures made of steel wire, is very simple and easily applied. 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 buildings in all parts of the United States.

NATURAL WOOD FINISHING.

FOR FINISHING THE INTERIOR WOOD-WORK OF YOUR HOUSE USE THE CELEBRATED AND ONLY GENUINE

"BERRY BROTHERS' "

"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."

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.....
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 posts.....

Finishing Woods: P. M. (First Qual.)

Ash.....
Butternut.....
Hard-pine floors (rift).....
Mahogany, Baywood (Mexican).....
Maple.....
Oak, red.....
" white.....
" quartered.....
Sycamore quartered.....
Pine, clear.....
Redwood.....
Rosewood.....
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
ca 13 1/2 @ 14
20 @ 40
@
@
@
14 00 @ 18 00
12 00 @ 16 00
18 00 @ 21 00
@
2 15 @ 2 20
5 00 @ 6 00
4 00 @ 5 00
1 50 @ 2 00
1 40 @ 1 60
@
@
18 00 @ 20 00
4 1/2 @ 5 1/2
8 00 @ 10 00
@
@
80 00 @ 120 00
40 00 @ 60 00
@
45 00 @ 50 00
@
@
65 00 @ 70 00
60 00 @ 70 00
@
125 00 @ 150 00
45 00 @ 50 00
@ 45 00

Boston.

(Prices to Builders and Contractors.)

50 00 @ 60 00
42 00 @ 50 00
35 00 @ 40 00
13 50 @ 25 00
13 00 @ 15 00
25 00 @ 35 00
31 00 @ 40 00
@
38 00 @ 60 00
23 00 @ 35 00
15 00 @ 18 00
14 00 @ 15 00
24 00 @ 35 00
2 25 @ 2 35
2 25 @ 2 50
@
@
1 50 @ 2 00
3 75 @ 4 00
@
2 00 @ 4 00
5 00 @ 6 00
10 00 @ 18 00
25 @ 50
25 @ 50
45 00 @ 60 00
30 00 @ 120 00
60 00 @ 70 00
45 00 @ 50 00
150 00 @ 160 00
120 00 @ 350 00
45 00 @ 50 00
@
50 00 @ 55 00
65 00 @ 75 00
50 00 @ 65 00
50 00 @ 75 00
60 00 @ 70 00
32 00 @ 35 00
85 00 @ 120 00
40 00 @ 45 00
40 00 @ 42 00

Chicago.

(Prices to Builders and Contractors.)

30 00 @ 47 00
25 00 @ 28 00
14 00 @ 20 00
Not sold.
@ 12 00
29 00 @ 37 00
@
10 00 @ 22 00
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 50 @ 4 00

Philadelphia.

(Prices 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 @ 29 00
@ 35 00
14 00 @ 25 00
Not sold.
25 00 @ 37 30
16 00 @ 18 00
13 00 @ 17 00
22 00 @ 28 00
2 75 @ 3 00
2 30 @ 3 00
30 00 @ 40 00
80 00 @ 110 00
50 00 @ 60 00
30 00 @ 35 00
80 00 @ 110 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 @ 50 00
35 00 @ 50 00
35 00 @ 50 00
55 00 @ 60 00
@
55 00 @ 100 00
18 00 @ 40 00
29 00 @ 40 00

Cut to order.

P. 10 00 @ 18 00
9 @ 21
Not sold.

9 00 @ 13 00
40 @ 1 25
20 @ 30
30 00 @ 40 00
100 00 @ 120 00
70 00 @ 80 00
200 00 @ 400 00
25 00 @ 55 00
45 00 @ 55 00
35 00 @ 55 00
60 00 @ 75 00
57 50 @ 65 00
@ 65 00
60 00 @ 75 00
50 00 @ 170 00
25 00 @ 40 00
50 @ 45 00

Sliding Blinds and Screens.

The "Willer" Sliding Blinds are made in sections to slide vertically, are balanced by springs, contain Rolling Slats wherever wanted and are furnished complete, including finish and hardware.

The "Willer" Folding Blinds are furnished with our improved Rolling Slats without the usual wooden rod in front.

"Regular" Inside Folding Blinds, as furnished by us, are of better material and workmanship than usually supplied by others.

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Screens slide up and down, are balanced by springs and cover either half of the window.

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or Ornamental Wood Floors, 6-16 inch thick for rooms of all kinds, in new and old houses. We make a specialty of these goods for Floors, Wainscoting, Walls and Ceiling, both Plain and Ornamental. We have the largest variety, largest stock on hand, and the largest factory in the U. S. devoted exclusively to this business, and defy competition in price or quality of goods. Send stamp for book of designs and prices, and the size of your rooms for diagram & estimates.

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BOUGHTON & LINVILLE, 301 Tremont St. Boston

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Great Britain and France.

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Park St., cor. Beacon, - - Boston, Mass.



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Compound light-spreading Nitro-cellulose Corrugated Glass REFLECTORS
A wonderful invention for lighting Churches, Halls, etc. Satisfaction guaranteed. Catalogue and price list free.
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And Supplies for Architects, Engineers, and Draughtsmen.

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BOSTON, MASS.,

GAMBRILL & RICHARDSON, Architects.

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WIRE LATH

DOUBLE TWIST WARP
STIFFENED (Iron furred)
CLINTON CORRUGATED

Plain, Japanned or Galvanized.

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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.

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BUILDING MATERIALS.

Reported for the American Architect and Building News.

	New York.	Boston.	Chicago.	Philadelphia.
BRICK.—P. M.				
Common: Cargo afloat.				
Pale.....	2 00 @ 2 25	Eastern } 9 00 @ 10 00	Building Brick } 6 50	Sq. Hard } 9 00
Jersey.....	4 00 @ 4 75	Bay State Hard } 8 00 @ 9 00	Indiana Pressed } 14 00 @ 20 00	" } 7 00
Long Island.....	4 00 @ 5 00	Domestic Com. } 9 50 @ 10 00	St. Louis Fronts } 27 00	Salmon } 5 00
Up River.....	4 75 @ 5 00	Domestic Face } 20 00 @ 22 00		Sq. " } 9 00
Haverstraw Bay 2d.....	5 00 @ 5 25	Philadelphia } 40 00 @ 45 00		Light Stretchers } 10 00
" 1st.....	5 00 @ 13 00	Phila. mould } 50 00 @ 80 00		Medium " } 12 00
Hollow.....		Anderson } 14 00 @ 32 00		Red " } 13 00
Fronts:				Dark " } 13 00
Croton, Brown.....	13 00			Pressed } 18 00 @ 20 00
" dark.....	14 00			Best Paving } 14 00
" red.....	14 00			Second " } 13 00
Chicago pressed (Anderson).....				Third " } 12 00
" Moulded.....				Dom. { } 65
Baltimore.....	37 00 @ 41 00			" { } 85
Philadelphia.....	23 00 @ 24 00			
Trenton.....	22 00 @ 23 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, Portland, English (Gibbs).....	2 50 @ 3 00			
" (K. B. & S.).....	2 50 @ 3 00			
" " Black Cross.....	2 25 @ 2 50			
" " (Burnham).....	2 50 @ 2 80			
" " (White's).....	2 50 @ 3 00			
" French (Lafarge).....	3 00 @ 3 75			
" German (Alsen).....	2 90 @ 3 25			
" " (Feyer).....	2 25 @ 2 40			
" " (Vorwiler).....	2 50 @ 2 90			
" " (Lagerdofer).....	2 90 @ 3 25			
" " (Hanover).....	2 50 @ 3 00			
" " Stettin (Anchor).....	2 35 @ 2 85			
" American (Saylor's).....	2 15 @ 2 45			
Roman.....	2 75 @ 3 00			
Keene's coarse.....	5 75 @ 6 50			
" superfine.....	9 25 @ 10 25			
Lime:				
Lime of Teil.....	3 50 @ 4 00			
Hydraulic Lime.....	1 45			
Chicago Lime in bulk.....				
Wisconsin Lime.....	1 00			
Rockland and Rockport, (Com.).....	1 00			
Rockland and Rockport, finish.....	1 20			
Kelley Island Lime, finish.....	90			
State, com. cargo rates (nom.).....	1 05			
State, finishing.....	1 20 @ 1 25			
Plaster of Paris (calcined).....	1 30 @ 1 35			
" (casting).....	16 @ 18			
Hair (Cattle) P. bush.....	23 @ 25			
" (Goat).....	1 00 @ 1 25			
Sand, P. load.....				
STONE. (P. cubic foot, rough.)				
Granite: (Maine)				
Limestone:				
Bedford.....	45 @ 1 25			
Joliet.....	1 00			
Lemont.....				
Serpentine.....				

OKONITE INSULATED ELECTRIC LIGHT WIRES.



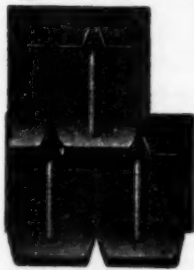
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Which is made in Beautiful and Artistic Designs, capable of receiving any desired decoration. Being absolutely non-absorbent it is the most Sanitary Wall Covering known. It is practically indestructible, being uninfluenced by heat, cold or moisture. Over 200 designs. Prices greatly reduced. Builders will find that the objections formerly made by some architects have been avoided. It is the cheapest and most serviceable material to be obtained for Wainscoting use, etc.

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BUILDING MATERIALS. New York. Boston. Chicago. Philadelphia.

(Wholesale Prices.) (Prices to Builders and Contractors;)

Mortar Colors.	New York.	Boston.	Chicago.	Philadelphia.
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	@	5 00 P ton.	20 @	@ 5 00
Block	@	4 60 P perch.		Conshocken
Rubble	@	1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: P sq. ft.				
Planed	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 25
Sandstone:	50 @ 6 00	@ 75	50 @ 1 00	37 @ 50
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 P cub. ft.	@ 55 @ 1 00
Amherst	90 @ 95	90 @ 1 00	45 @ 50	
Berea Ohio	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	1 10 @ 1 00
New Brunswick (Dorchester)	@ 1 00	75 @ 90	@	1 00 @ 1 00
Caen	@	@ 2 00	@	1 25 @ 1 00
Carlisle, English	@ 1 05	@ 1 05	@	95 @ 1 00
Corse Hill (Scotch)	@ 1 05	@ 1 05	@	@
Marble: P 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	@	@	@ 4 40	2 50 @ 2 75
Sienna	@	@	Not Sold.	@ 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 00	2 25 @ 3 00
Slate: 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	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
black, Lehigh	4 25 @ 4 75	@	12 25 @ 6 85	2 25 @ 4 00
Chapman	@	@	7 30 @ 8 00	2 00 @ 4 65
Unfading black, Monson, Me.	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am. P M.	@	@	Not Sold.	@ 25 00
N. Peach Bottom, warranted unfading	@	@	@	6 00 @ 6 75
PAINTS. (In Oil P lb.)				
White lead, Am.	7 @ 7 1/2	7 1/2 @ 7 1/2	6 1/2 @ 7	@ 7 1/2
zinc	5 @ 8	@ 8	7 @ 10 1/2	@ 7
Red lead, Am.	6 1/2 @ 7	7 1/2 @ 7 1/2	6 1/2 @ 7	@ 7 1/2
Venetian	6 @ 10 1/2	7 @ 12	1 1/2 @ 2 1/2	@ 7
Vermillion	65 @ 70	75 @ 80 dry	65 @ 68	Eng. @ 76
Indian, Eng.	12 @ 20	12 @ 20	12 @ 20	dry Am. @ 14
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	@ 18
Chrome	12 @ 20	18 @ 25	15 @ 25	@ 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
Oil, linseed, (raw)	55 @ 62	42 @ 43	57 @ 60	@ 63
boiled	58 @ 65	45 @ 46	60 @ 63	@ 44
Turpentine	36 @ 37	41 @ 42	51 @ 51 1/2	125 @ 3 00
Varnish, coach	@	1 50 @ 6 00	1 25 @ 2 00	150 @ 3 00
Shellac	@	2 50 @ 3 00	2 25 @ 4 00	2 @ 2 1/2
Putty	2 @	2 @ 4	2 @ 2 1/2	@ 1
Whiting	75 @ 1 00	1 @ 1 1/2	1 @ 1 1/2	@ 1
Paris white, (Eng.)	1 30 @ 2 00	2 @ 3	1 1/2 @ 7	@ 2
Litharge, Am.	14 @ 20	14 @ 20	4 @ 16	@ 4 @ 14
Sienna (burnt)	14 @ 20	14 @ 20	2 @ 10	@ 2 @ 13
Umber	@	@	@	@
HARDWARE.				
Nails: (Per Cask.) Spikes, (wrought.)	@ 2 85	@	2 75 @ 3 00	per keg @ 2 25
10d. common	@ 2 60	@ 2 15	@ 2 35	@ 2 30
Shingle	@ 3 35	@ 2 55	@ 2 75	@ 2 60
Lath	@ 4 85	@ 3 45	@ 3 65	3 60 @ 4 75
(Finishing nails according to size.)	@	@	Add .85 to \$1.15	per lb. @ 4 @ 6
(For casing nails add 75 c. per keg.)	@	@	50 to .90	Add per cask
Butts: 4" x 4" (P doz. pairs.)	@ 1 00	@ 1 20	@ 90	2 90 (all kinds.)
Plain	@ 1 50	@ 1 75	Not Sold.	1 35 @ 2 00
Japanned	@ 1 50	@ 1 90	2 00 @ 2 75	1 35 @ 2 75
Acorn, Japanned	@ 65	@ 50	Not Sold.	48 @ 60
Ball Tip, Boston Finish (P pair.)	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Bronze metal	@ 10	@ 10	@ 12	@ 1 00
Brass (for cupboards)	@	@	@	@ 35
Ebony	@	@	@	37 @ 1 00
Apple wood	@	@	@	@
Knobs: (P set.)				
Mineral, best	@ 8	@ 8	8 @ 10	@ 08
Lava	@ 50	@ 75	65 @ 80	Not Sold.
Hemacite	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	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	@	@ 7 1/2	@ 7	13 1/2 @ 16
Lead Pipe	@	@ 7	@ 6 1/2	@ 6 @ 6
Iron:				
1-Beams, up to and including 36 ft.	3 3-10 @ 3 1/2	@ 3 1-10	@	@ 2 8-10
1-Beams, over 30 ft. 1, 1 1/2, 2 c. advance	@	@	3 20 @ 3 70	@ 2 8-10
Channel-Beams	3 3-10 @ 3 1/2	@ 3 1-10	3 20 @ 3 70	@ 2 8-10

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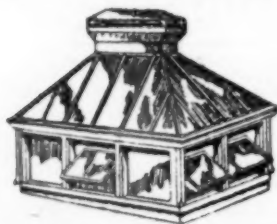
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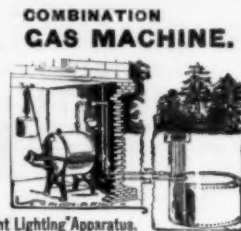
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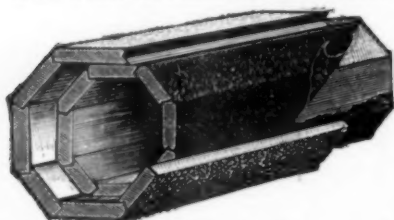
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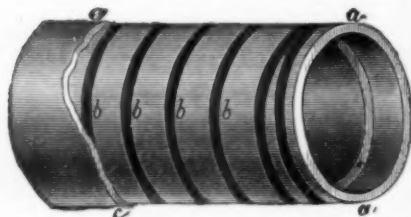
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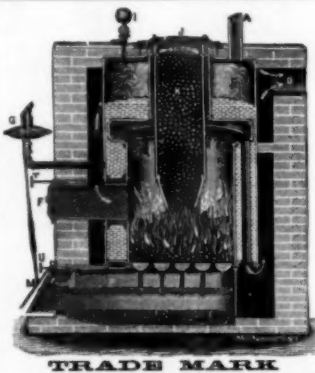
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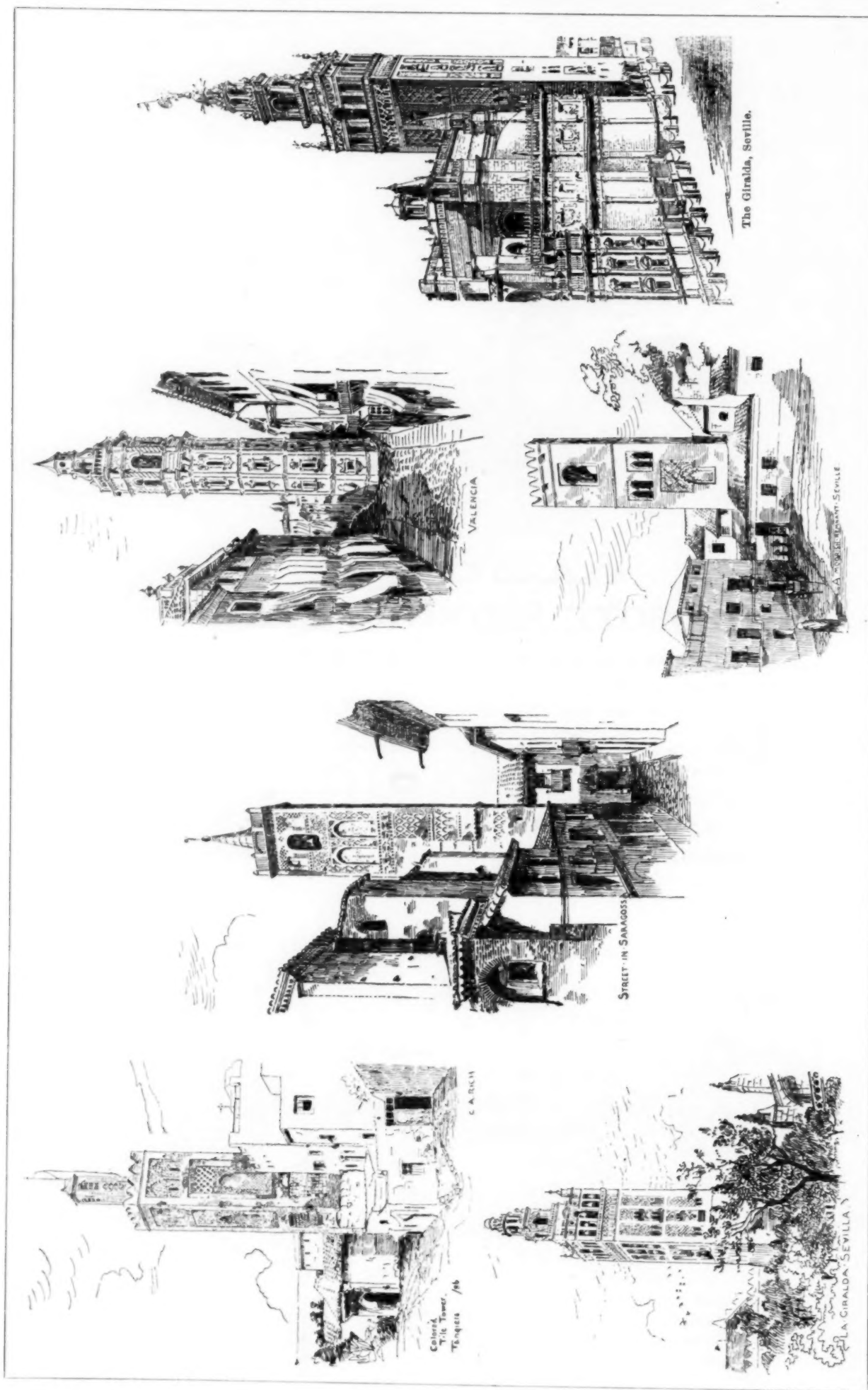
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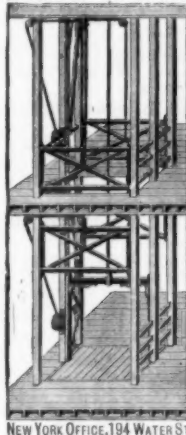
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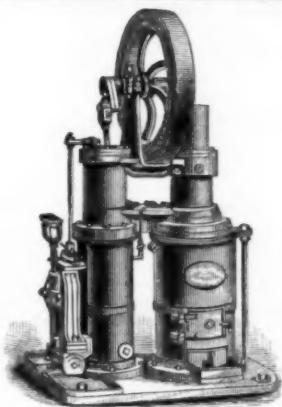
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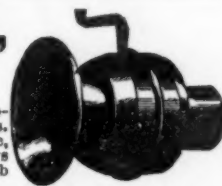
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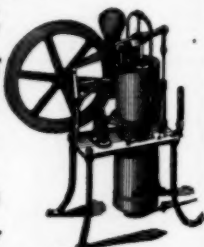
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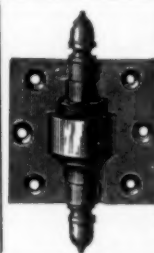
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458,606. T-SQUARE. — Thomas J. Weaver, Cincinnati, O.
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458,775. SHINGLE-MACHINE. — Oscar Melançon, Davenport, Fla.
458,788. PAVEMENT FOR STABLES. — Johann Jungbluth, Cologne, Germany.
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458,977. SAFETY DEVICE FOR ELECTRIC ELEVATORS. — Norton P. Otis and Rudolph C. Smith, Yonkers, N. Y.
458,991. ELEVATOR. — August Sundh, Yonkers, N. Y.

Imports of Building Materials, Etc.,

AT THE PORT OF NEW YORK FOR THE
WEEK ENDING SEPTEMBER 4, 1891.

From Antwerp. — Steamer "Friesland," 400 barrels clay, 500 do. cement, E. Thiele; 1,670 do., order.
From Bahia. — Steamer "Alliance," 2,321 logs wood, Brown Bros. & Co.
From Bremen. — Steamer "Nympha," 5,032 casks cement, order.
From Central America. — Steamer "Newport," 27 logs mahogany, Willard Hawes & Co.
From Copenhagen. — Steamer "Thingra," 20 barrels cement, E. Holmberg; 1,000 packages Portland cement, H. Marquardt & Co.
From Genoa. — Bark "Colombo," 679 slabs and tables of marble, Taber & Co.; 66 blocks do., G. Amsinck & Co.
From Glasgow. — Steamer "Pomeranian," 20 cases granite, E. M. Wolff & Co.; 57 do., W. C. Townsend.
From Hamburg. — Steamer "Wieland," 1,228 barrels cement, Agency of Nevada Bank of San Francisco; 560 casks cement, E. Thiele; 530 do., Gabriel & Schall.
From Havana. — Steamer "Yumuri," 68 bags asphaltum, Balsells & Co.
From Hull. — Steamer "Martello," 26 bales cow-hair, New York Produce Exchange Bank; 25 bales animal hair, order.
From Leghorn. — Bark "Silenzio," 65 blocks marble, 635 marble slabs, Fells & Co.
From Liverpool. — Steamer "Bothnia," 5 blocks

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rough marble, 6 boxes do., Taber & Co. Steamer "Etruria," 24 casks cement, Atlas Steamship Co. Steamer "Denmark," 93 casks bricks, order.
From London. — Bark "Nova Scotia," 4,000 casks cement, order. Steamer "England," 1,000 barrels cement, C. J. Stevens; 500 do., E. Thiele; 1,000 casks do., 500 barrels do., 500 casks do., 1 cask do., order.
From Manzanilla. — Schooner "Chas. A. Gilberg," 293 logs mahogany, 532 do. cedar, Thos. J. Owens & Co.
From Santa Cruz. — Brig "Alvin Kelly," 1,100 logs mahogany, Mosle Bros.
From Stettin and Swinemunde. — Steamer "Italia," 12 fireproof retorts, 111 do. bricks, Marquardt & Co.; 1,500 barrels cement, E. Thiele; 1,950 do., E. Kauter; 3,000 do., order.
From Vera Cruz. — Steamer "Yumuri," 130 blocks marble, E. Zarans & Co.; 1 case asphaltum, W. S. Williamson; 47 sacks asphalt, J. W. Wilson & Co. Steamer "Habana," 67 blocks marble, S. Klaber & Co.
From Windsor, N. S. — Bark "St. Croix," 1,236 tons plaster, J. F. Whitney & 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.

Chicago, Ill. — F. H. Schultz, two-st'y addition, 419 Division St.; cost, \$6,000.
Minneapolis, Minn. — Dominican Fathers, addition to school, Eighteenth Ave., s. near Twenty-fifth St.; cost, \$5,500.
New York, N. Y. — Main St., 400' from Westchester Ave., two-st'y brick workshop, internal alterations; cost, \$3,500; owner, Thomas Bolton, Minford Pl.; architect, James Stroud, 1267 Broadway.
West Fifth St., No. 237, three-st'y brick workshop, internal alterations; cost, \$3,000; owner and builder, Oscar T. Mackey, 237 West Fifth St.
West Eighteenth St., Nos. 59-61, four-st'y brick factory, extension and internal alterations; cost, \$5,000; owner, John L. Tonnels, 48 East Sixty-eighth St.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.
Sixth Ave., n. e. cor. Fourteenth St., three-and-one-half-st'y brick store building, internal alterations for dwell.; owner, Wyckoff Estate, 104 West Eighty-sixth St.; architect, John B. Franklin, 121 West One Hundred and Eleventh St.
Grace St., Laeton St., Thirtieth Ave., and Gansevoort St., two-st'y brick market, repair where damaged by fire; cost, \$9,000; owner, New York City; architect, Wm. G. Bergen, 31 Chambers St.
Vanderbilt Ave., s. w. cor. One Hundred and

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BUILDING INTELLIGENCE.

Seventy-sixth St., two-st'y railroad station building, extension and internal alterations; cost, \$5,000; owner, Suburban Club, 1757 Bathgate Ave.; architect, Albert E. Davis, 2533 Third Ave.

Seventh Ave., n e cor., 3 five-st'y flats, raised two stories and altered into hotel; cost, abt. \$20,000; owner, Geo. F. Johnson.

One Hundred and Twenty-fifth St., Nos. 268-270, one and two st'y brick stores, extension and other alterations; cost, \$6,000; owner, Henry Silleck, 5 West One Hundred and Twenty-sixth St.; architect, Frank H. Hines, 102 West One Hundred and Twenty-fourth St.

West Twenty-eighth St., No. 32, five-st'y brick office-building, extension and internal alterations; cost, \$10,000; owner, J. J. McGrath, Fifth Ave. and Fifty-ninth St.; architects, De Lemos & Cordes, 146 Broadway.

Avenue A, No. 269, four-st'y brick dwell., internal alterations for a store on first floor; cost, \$3,000; owner, Catherine Hermann, 269 Avenue A; architect, Joseph Weibler, 101 East One Hundred and Sixteenth St.

Cliff St., No. 80, and Pearl St., No. 323, 2 five and six st'y brick manufactories, internal alterations; cost, \$12,000; owner, N. L. Munro, Fifty-ninth St. and Fifth Ave.; architect, F. T. Camp, 177 Broadway.

South of One Hundred and Thirty-fourth St. and west of Third Ave., about 280', rear of Mott Ave., one-st'y brick workshop remodelled, with internal alterations as a boiler and engine house; cost, \$3,000; owner, J. L. Mott Iron Works, 84-90 Beekman St.; architect, A. G. Thomson, 279 Jefferson Ave.

Fifty-seventh St., Nos. 239-241, three-st'y brick lodging-house and restaurant, raised two stories, with internal changes; cost, \$10,000; owner, Guillaume Lozellong, 239 East Fifty-seventh St.; architect, Edward Weber, 241 East Fifty-seventh St.

Dutch St., No. 15, and Fulton St., No. 118, 2 five-st'y brick hotels to be connected, with internal alterations; cost, \$8,000; owner, Charles T. Naething, 115 Fulton St.; architect, C. M. Dinsoway, 52 Broadway.

East Twenty-eighth St., No. 107, four-st'y brick store-building, internal alterations; cost, \$4,500; owners, Stohmann, Pfarre & Co., 107 East Twenty-eighth St.; architect, R. L. Davis, 26 Court St., Brooklyn.

Mulberry St., No. 223, three-st'y brick stable, extension and internal alterations; cost, \$6,000; owner, Philip Strobel, 23 East One Hundred and Twenty-seventh St.; architect, Albert Wagner, 67 University Pl.

Fifth Ave., No. 319, three-st'y brick club-house, internal alterations; cost, \$5,000; owner, Knickerbocker Club, 319 Fifth Ave.; architects, McKim, Mead & White, 1 West Twentieth St.

East Fifty-fifth St., No. 218, extension and alterations; cost, \$10,000; owner, Chas. Hamischfeger; architect, F. Ebeling.

Delancy St., No. 301, and Lewis St., No. 41, five-st'y brick tenement, internal alterations; cost, \$5,000; owner, Jacob Herwitz, 294 East Broadway; architect, Fred Ebeling, 3 First Ave.

University Pl., s e cor., Eleventh St., six-st'y brick hotel, open portico on the front and internal alterations; cost, \$15,000; owner, A. S. Rosenbaum, 5 East Seventy-third St.; architect, Albert Wagner, 69 University Pl.

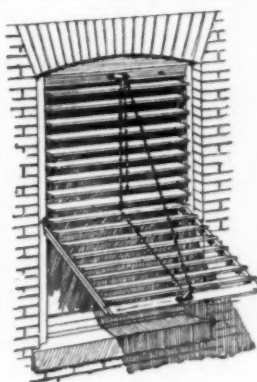
Pier No. 26, west of Beach St. N. R., one and two st'y iron storage shed, extension and internal alterations; cost, \$16,500; owners, Old Dominion Steamship Co., 235 West St.; architect, R. P. Staats, 29 Broadway.

River Ave., n s, 350' w Riverdale Ave., three-st'y brick dwell., extension and internal alterations; cost, \$20,000; owner, Giovanni P. Morosini, 71 Broadway; architects, D. & J. Jardine, 1262 Broadway.

Washington Ave., No. 1364, two-st'y dwell. raised to three stories, with other alterations; cost, \$4,000; owner, W. W. Gardiner, 1364 Washington Ave.; architects, Wisewell & O'Brien, 3390 Third Ave.

Lowest Ave., s w cor., One Hundred and Thirty-ninth St., one-st'y brick factory to be raised two stories, with additional alterations; cost, \$8,500; owners, Central Gas-light Co., One Hundred and Forty-second St. and Alexander Ave.; architect, H.

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Madison St., Nos. 68-70, five-st'y brick factory, internal alterations; cost, \$25,000; owners, Alart & McGuire, 68-70 Madison St.; architect, Jacob Farnsworth, Temple Court.

Fulton St., Nos. 191-193, three-st'y brick engine, hook and ladder house, internal alterations; cost, \$10,000; owner, Fire Department, City of New York, Henry D. Purroy, President, 157-159 East Sixty-seventh St.

Twenty-sixth St., n e East River, brick and stone hospital building raised to 3d and bridge connecting same with main hospital; cost, \$6,500; owner, City of New York; architect, Leopold Eldlitz, Eighty-sixth St. and Riverside Drive.

Providence, R. I. — Doyle Ave., s s, three-st'y brick addition for school-house; cost, \$30,000; owner, City of Providence; builders, W. S. Reed and Wm. Gibbans & Bro.

APARTMENT-HOUSES.

Boston, Mass. — Boylston St., Nos. 847-849, four-st'y brick and stone apartment-house, 82' x 97'; owner, John N. Ledonack; contract to be let; architect, Willard M. Bacon.

Chicago, Ill. — M. J. Burke, three-st'y flats, 4564 Wabash Ave.; cost, \$5,500.

R. Fulford, two-st'y flats, Peoria and Sixty-third Sts.; cost, \$3,800.

Turner & Bond, 8 two-st'y flats, 3013-3043 Butler St.; cost, \$16,000.

BUILDING INTELLIGENCE.

C. Schurnhutte, three-st'y flats, 125 Rumsey St.; cost, \$6,000.

F. Schield, 2 three-st'y flats, 203-205 Blackhawk St.; cost, \$45,000.

Horpold & Roe, 2 two-st'y flats, 2173-2177 Paulina St.; cost, \$4,000.

Horpold & Roe, three-st'y flats, 63 Fortieth Pl.; cost, \$3,000.

A. H. Fitch, six-st'y flats, 3663-3667 Wabash Ave.; cost, \$65,000.

George Mark, three-st'y flats, 407 Belden Ave.; cost, \$8,000.

E. V. Ashton, 2 two-st'y flats, 1-13 Francis Pl.; cost, \$4,200.

Gustav Schmitz, 2 two-st'y flats, 5435-5437 Justine St.; cost, \$3,000.

Vojtech Svoldo, four-st'y flats, 824 Allport Ave.; cost, \$8,000.

Frank Belsan, three-st'y flats, 1043 West Nineteenth St.; cost, \$5,000.

Patrick Cook, three-st'y flats, 1164 North Adams St.; cost, \$7,000.

O. De Boer, three-st'y flats, 410 Troy St.; cost, \$3,500.

L. Sulkowski, two-st'y flats, 1283 West Seventeenth St.; cost, \$3,000.

A. Shultz, two-st'y flats, 697 Elk Grove St.; cost, \$4,500.

J. J. Rier, five-st'y flats, Fifty-ninth St., near Clark St.; cost, \$10,000.

C. L. Anderson, two-st'y flats, 729 Sixty-second St.; cost, \$3,000.

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Philip A. Schaffer, two-sty flats, 1811 Aldine St.; cost, \$3,000.
Jennie Dement, two-sty flats, 39 York St.; cost, \$4,000.
George Tillett, 6 two-sty flats, 1319-1321 West Congress St., and 298-304 Sacramento Ave.; cost, \$7,500.
F. C. Hesth, 2 two-sty flats, 2614-2616 Indiana St.; cost, \$22,000.
G. W. Williams, two-sty flats, 224 Seminary Ave.; cost, \$4,000.
W. P. Bennett, two-sty flats, 4719 Langley Ave.; cost, \$4,500.
Sam Brown, Jr., 2 three-sty flats, Commercial St., near Leland St.; cost, \$7,000.
New York, N. Y. — Park Ave., n w cor. One Hundred and Third St., five-sty brick flat, tin roof; cost, \$20,000; owners, Mull & Fromer, 1583 Washington Ave.; architect, J. J. Vreeland, 211 East One Hundred and Seventy-seventh St.
Willett St., No. 33, four-sty brick flat, tin roof; cost, \$16,000; owners, Morris Jacobson, 182 Clinton St., and Morris Margovitz, 100 Clinton St.; architect, Fred Ebeling, 3 First Ave.
Seventy-second St., n s, 30' w Lexington Ave., seven-sty brick flat, tin roof; cost, \$375,000; owner, and architect, Lorenz F. Weiher, 14 East Seventy-sixth St.
Eighty-eighth St., n s, 36.8' e Madison Ave., 5 five-sty brick and brownstone flats, cost, \$125,000; owner, Wm. J. Matthews; architect, J. C. Burne.
Henry St., No. 266, five-sty brick and stone flat; owner, Moritz Solomon; architect, Charles Rents.
One Hundred and Forty-fourth St., s s, 100' w Eighth Ave., five-sty brick and stone flat; owner, Ernest Molwitz; architect, Hugo Kafka.
One Hundred and Twenty-eighth St., n s, 244' 6" w Fifth Ave., five-sty brick flat, tin roof; cost, \$16,000; owner, Andrew Judge, 164 St. Nicholas Ave.; architect, John C. Burne, 1531 Third Ave.
One Hundred and Thirty-first St., n s, 300' w Amsterdam Ave., five-sty brick flat, tin roof; cost, \$18,000; owners, Clara A. Ruch and E. A. Barron, 420 West Forty-eighth St. and 31 West Sixty-third St.; architect, John W. Cole, 403 West Fifty-first St.
Ninety-first St., s s, 225' e Fifth Ave., five-sty brick flat, tin roof; cost, \$22,000; owner, Robert W. Thain, 231 East Eighty-seventh St.; architect, John Hauser, 1441 Third Ave.
One Hundred and Sixteenth St., s s, 25' e Lexington Ave., five-sty brick flat, tin roof; cost, \$22,000; owner, John Fish, 355 West One Hundred and Twenty-second St.; architect, Franklin Baylies, 51 and 52 Bible House.

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ton Ave., five-sty brick flat, tin roof; cost, \$22,000; owner, John Fish, 355 West One Hundred and Twenty-second St.; architect, Franklin Baylies, 51 and 52 Bible House.

CHURCHES.
Boston, Mass. — Norfolk St., cor. Darling St., Ward 24, one-sty frame church, flat roof, 51.4' x 85'; owner, J. J. Williams; builder, P. Cunningham.
Brooklyn, N. Y. — Eighth Ave., n w cor. Sixteenth St., one-sty brick church, slate roof; cost, \$21,000; owner, Brooklyn Baptist Church Extension Society; architect, Charles G. Jones, 280 Broadway, New York City.
Chicago, Ill. — Lutheran Church, Dearborn St., near Forty-ninth St.; cost, \$9,000.
Detroit, Mich. — Macomson & Co., stone church, 671 Cass Ave.; cost, \$26,000.
Manchester (Goffe's Falls), N. H. — Frame church, pitch roof, 24' x 60', for Catholic Society; contract to be let; architect, Chas. J. Bateman, Boston.
Minneapolis, Minn. — Bethesda Baptist Church, frame church, Eighth St., bet. Eleventh and Twelfth Aves., s; cost, \$6,000.
Peterboro, N. H. — Frame church, pitch roof, 24' x 60', for Catholic Society; contract to be let; architect, Chas. J. Bateman, Boston.
St. Louis, Mo. — Brick church; cost, \$8,000; owner, Eden M. E. Church; contractor, J. F. Roberts.
Worcester, Mass. — Greenwood St., frame chapel; owners, Swedish Congregational Church; contractor, C. A. Stone.

FACTORIES.
Chicago, Ill. — Browne & Fitts, five-sty factory, 187-193 North Union St.; cost, \$40,000.
James N. Borden, six-sty factory; cost, \$30,000.
St. Louis, Mo. — Three-sty brick shoe-factory; cost, \$11,800; owners, Peters & Miller Shoe Co.; contractor, J. H. Drees.
Two-sty brick factory; cost, \$19,000; owners, St. Louis Corset Co.; contractors, O'Malley Bros.
Four-sty brick factory; cost, \$40,000; owner, Neideman Benoit; contractor, C. Kellerman.

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Baltimore, Md. — Chas. Milsko, 6 two-sty brick buildings, w s Madera Alley, n Jefferson St.
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D. S. Collett, 13 two-sty brick buildings, n s Baker St., bet. Druid Hill Ave. and Etting St.
St. Mary's P. E. Church, three-sty frame parsonage on Roland Ave., near Cold Spring Lane.

Boston, Mass. — Mulvey Ave., near Heath St., Ward 22, three-sty frame dwell., flat roof, 22' x 32'; owner and builder, J. B. Mulvey.
Hillside St., near Parker Hill Ave., Ward 22, three-sty frame dwell., hip roof, 25' x 43'; owner, James Gray; builder, J. H. Pineo.
Falcon St., No. 86, Ward 1, three-sty frame dwell., flat roof, 24' x 30'; owner and builder, Chas. Lowe.
Dorchester Ave., near Dorset St., Ward 15, three-sty frame dwell., flat roof, 26' x 48'; owner, J. B. Ferguson; builders, Halwell & Seaman.
Dorchester Ave., near Codman St., Ward 24, frame dwell., 20' x 28'; owner and builder, Isaac Schurman.
South St., cor. Hanson St., Ward 23, frame dwell., 25' x 46.4'; owner, Mrs. Alice Daley; builders, McNeill & McLean.
Carl St., near Corey St., Ward 23, frame dwell., 24' x 35'; owner, Mrs. C. M. Smith; builder, W. S. Mitchell.
Ashmont St., cor. Arundel Park, Ward 24, frame dwell., 29.6' x 40'; owner, C. F. Kittredge; builder, J. McDowell.
Watter St., near opp. Sims St., Ward 23, frame dwell., 27' x 44'; owner, James Campbell; builder, S. F. Eastman.
Union Ave., No. 19, Ward 23, frame dwell., 24' x 41'; owner, Mrs. B. Leonard; builder, M. A. Blanchard.
Jess St., near Boylston St., Ward 23, three-sty frame dwell., 21' x 42'; owner, Alois Bicher; builder, C. Lemmier.
Bradstreet Ave., near Mt. Hope St., Ward 23, 4 two-sty frame dwells., hip roofs, 33' x 39'; owner, F. Schroater; builder, John Dame.
Rutherford Ave., near Union St., Ward 5, three-sty frame dwell. and store, flat roof, 23' x 50'; owner and builder, Francis Rayner.
Beacon St., near West Chester Park, 2 four-sty dwells., one 24' x 70', other 35' x 70'; brownstone and red brick; flat roof; steam-heat; owner, James B. Case; builders, B. D. Whitcomb & Co.; architects, Fehmer & Page.
West Fourth St., Nos. 134-136, and rear 132, Ward 13, 2 three-sty frame dwells, and one store, flat roofs, 16' x 66', and 16' x 30'; owner, S. B. Cunningham.
Dale St., Nos. 119, 120, Ward 21, 2 three-sty frame dwells., pitch roofs, 25' x 56'; owner, Charles E. Moore; builder, W. Ballantyne.
Linden Ave., No. 81, Ward 25, frame dwell., 25.6' x 37.6'; owner, G. G. Morrison; builder, T. A. Sanford.
Centre St., opp. Howlett St., Ward 23, frame dwell., 28' x 31'; owner, John E. Picott; builder, G. E. Picott.
Bradstreet Ave., near Mt. Hope St., Ward 21, two-sty frame dwell., hip roof, 33' x 39'; owner and builder, Henry Jenner.

Brooklyn, N. Y. — Van Voorhis St., n s, 150' w Evergreen Ave., 2 three-sty frame dwells., and Schaffer St., s s, 150' w Evergreen Ave., 2 three-sty frame dwells., tin roofs; cost, \$5,000; owner, Mary E. Gentleman, 1058 Jefferson Ave.; architect and builder, J. W. Welton, 1058 Jefferson Ave.
Twenty-eighth St., s s, 300' w Fifth Ave., three-sty frame dwell., tin roof; cost, \$3,800; owner, Wm. H. Marvin, 200 Twenty-eighth St.; architect, W. H. Wirth, 358 Seventeenth St.
Sixth St., n s, 307' 10" w Fifth Ave., 6 two-sty brick dwells., tin roofs; cost, \$24,000; owner and architect, E. G. Gollner, 308 Sixth St.
Bergen St., n s, 100' w Kingston Ave., 3 two-sty brick dwells., tin roofs; cost, \$6,000 each; owners, John Doherty & Bros., 286 Flatbush Ave.; architect, W. M. Coats, 26 Court St.
Humboldt St., No. 241, four-sty frame dwell., tin roof; cost, \$5,500; owner, John Schlenker, on premises; architects, D. Acker & Son, 752 Broadway.
Humboldt St., w s, 100' e Grand St., four-sty frame dwell., tin roof; cost, \$6,500; owner, L. Michel, Graham St., near Meserole St.; architects, David Acker & Son, 752 Broadway.

Chicago, Ill. — E. J. Martyn, three-sty dwell., 114 Astor St., cost, \$15,000.
A. C. Barrett, two cottages, Forest Ave., near Franklin St.; cost, \$3,000.
H. G. McCastney, three-sty dwell., 3356 Rhodes Ave.; cost, \$9,600.
Sam Brown, two-sty dwell., Beacon and Madison Sts.; cost, \$6,000.
C. Jackson, two-sty dwell., 5848 Rosalie Court; cost, \$4,000.

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Ave.; cost, \$4,500; also three frame dwells., Marietta
St.; cost, \$4,500.
J. W. Lee, frame dwell., 146 Eighteenth St.; cost,
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E. J. Beaton, double brick dwell., 497-499 Third
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cost, \$5,000.
D. H. Osgood, frame dwell., 651 Boulevard; cost,
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A. E. French, double brick dwell., 299-301 Cass
Ave.; cost, \$10,000.
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Trumbull Ave.; cost, \$10,000.
Minneapolis, Minn. - M. A. Pratt, stone dwell., 2741
Park Ave.; cost, \$34,000.
New York, N. Y. - Mott Ave., e s, 179' 6" s One Hun-
dred and Sixty-fifth St., two and one-half-st'y brick
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Stickler, Mt. Vernon St.
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first St., four-st'y stone dwell.; cost, \$100,000; owner,
A. G. Hupfel; architects, Boring, Tilton & Mellen.
Vanderbilt Ave., e s, 160' s One Hundred and Sev-
enty-eighth St., three-st'y brick and frame dwell.,
tin roof; cost, \$6,000; owner, Daniel Flynn, Vander-
bilt Ave. and One Hundred and Twenty-fifth St.;
architect, J. J. Veeland, 711 East One Hundred and
Seventy-seventh St.
One Hundred and Fifty-ninth St., s s, 125' e Boule-
vard, three-st'y brick and frame dwell., tin roof;
cost, \$6,500; owner, James McAllister, One Hundred
and Fifty-eighth St., near Boulevard; architect, Jas.
Barry, 339 West Thirty-eighth St.
Southern Boulevard, n s, 35' e Briggs Ave., two-st'y
brick and frame dwell., peak, slate roof; cost, \$7,000;
owner, Charles Uihlein, One Hundred and Eleventh
St. and West Boulevard; builders, McKelroy & Son,
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One Hundred and Seventy-sixth St., n s, 150' e
Fleetwood Ave., three-st'y brick and frame dwell.,
mansard tin and slate roof; cost, \$6,000; owner,
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Stegmeyer, 306 East Eighty-second St.
Tinton Ave., e s, 30' s Home St., three-st'y brick

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and frame dwell., peak, shingle roof; cost, \$5,000;
owner, Mary E. Day, 341 Willis Ave.; architect, H.
S. Baker, 492 East One Hundred and Thirty-eighth
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Providence, R. I. - Home Ave., n s, bet. Fallon Ave.
and Clematis St., two-and-one-half-st'y frame dwell.;
cost, \$3,000; owner, Albert Bloomstrow; builders,
Bottomley & Bailey.
Adelaide Ave., n s, e Hanover St., two-and-one-
half-st'y frame dwells.; cost, \$3,500; owners, E. E.
& W. B. Carpenter; built by contract.
Atlantic St., n s, near Melrose St., two-and-one-
half-st'y frame dwell.; cost, \$5,000; owners, W.
A. Briggs and wife.
Montague St., n s, e frame dwell., French roof;
owner, J. C. Kimball.
Lydia St., n s, near Berner St., two-and-one-half-
st'y frame dwell.; cost, \$3,000; owner, Winefred
Digman; builders, Kelleher Bros.
St. Louis, Mo. - Two-st'y brick dwell.; cost, \$3,300;
owner and contractor, L. Krekeler.
Two-st'y brick dwell.; cost, \$6,000; owner and con-
tractor, P. Nagel.
One-st'y brick dwell.; cost, \$2,900; owner, A. G.
Chaber; contractor, P. Powhik.
Two-st'y brick dwell.; cost, \$4,800; owner, Mrs.
Redick; contractor, W. J. Britt.
Two-st'y brick dwell.; cost, \$3,600; owners, Kluth
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Two-st'y brick dwell.; cost, \$3,500; owner, S.
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Two-st'y brick dwell.; cost, \$4,000; owner, D. B.
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Two-st'y brick dwell.; cost, \$3,900; owner and
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Two-st'y brick dwell.; cost, \$4,000; owner, C. F.
Schultz; contractor, N. P. Sloss.
Two-st'y brick dwell.; cost, \$3,000; owner, A. S.
Murrell; contractor, N. P. Sloss.
Two-and-one-half-st'y brick dwell.; cost, \$3,600;
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Two-st'y brick dwell.; cost, \$3,500; owner, G. J.
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Two-st'y brick dwell.; cost, \$2,800; owner, Mrs. Fitzgerald; contractor, W. Wenderachek.
Two-st'y brick dwell.; cost, \$3,600; owner, G. Wuest; contractors, W. Riewe & Son.
Two-st'y frame dwell.; cost, \$4,100; owner, N. Johnson; contractors, W. Riewe & Son.
Two-st'y frame dwell.; cost, \$10,000; owner, E. P. Bronson; contractor, J. Coultas.
Two adjacent two-st'y brick dwell.; cost, \$7,000; owner and contractor, A. Meglitsch.
Two two-st'y brick dwell.; cost, \$6,000; owner and contractor, Geo. Smith.
Six three-st'y brick dwell.; cost, \$60,000; owner, E. Henner; contractors, Henner Bros.
Three-st'y brick double dwell.; cost, \$5,600; owners and contractors, H. Stumpe & Bro.

Worcester, Mass. — Mayfield St., two-st'y frame dwell.; owner and contractor, Geo. Pierce.
Mulberry St., two-st'y frame dwell.; owner, A. Engelbrektson; contractor, F. H. Holland.
Carlo St., two frame dwell.; owner, H. Milliner; contractors, Lavigne Bros.
Arthur St., frame dwell.; owner, O. B. Marble; contractor, A. R. Marble.
Ball St., two-st'y frame dwell.; owner, M. E. Scoville; day-work; architects, Fuller & Delano.

OFFICE-BUILDINGS.

New York, N. Y. — Broadway, bet. Battery Pl. and Morris St., twenty-six-st'y office-building; owners and architects, F. L. Dinkelberg, Chas. W. Dayton and others.

PUBLIC-BUILDINGS.

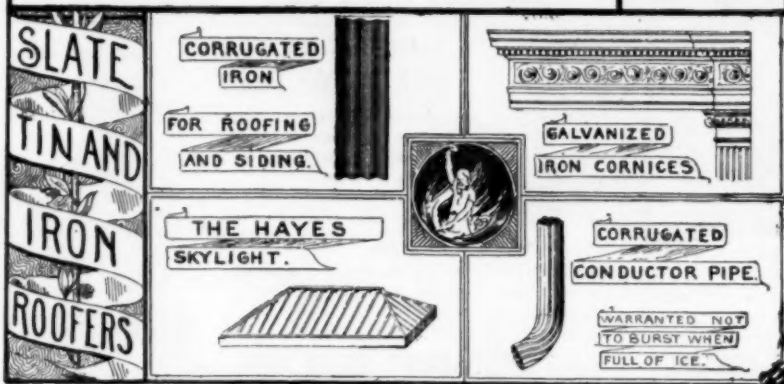
New York, N. Y. — One Hundred and Twenty-third St., s. s. 40' e. Lenox Ave., four-st'y brick library building, mansard, tin and tile roof; cost, \$50,000; owner, Harlem Library, 228 Third Ave.; architect, Edgar Bourne, 181 Broadway.

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20, frame stable, 30' x 50'; owners, Fairbanks & Snyder; builder, A. F. Kinney.

Chicago, Ill. — J. H. Thunack, two-st'y barn, Ridgeland and Grand Aves.; cost, \$3,500.

Bowman Dairy Co., 2 three-st'y stables and flats, 3514-3516 Stanton Ave.; cost, \$14,000.

Minneapolis, Minn. — A. M. Pratt, brick barn, 2741 Park Ave.; cost, \$6,000.

New York, N. Y. — Seventy-third St., n. s. 323' e. Avenue A., two-st'y brick stable, tin roof; cost, \$7,500; owners, McGee & Lawton, 504 East Seventy-third St.; architect, Jas. J. F. Gavigan, 836 Broadway.

STORES.

Brooklyn, N. Y. — Bushwick Ave., n. e. cor. Myrtle Ave., 2 one-st'y frame stores, cement roofs; total cost, \$3,500; owner, J. T. Story, 625 Bedford Ave.; architect, W. H. Gaylor, 110 South Eighth St.

Chicago, Ill. — J. & S. Kolshar, two-st'y store and flats, 4810 Ashland Ave.; cost, \$4,500.

BUILDING INTELLIGENCE.

H. Stren, two-st'y store and flats, 4959 Ashland Ave.; cost, \$3,000.

William Ryan, 4 four-st'y stores and flats, 198-202 Fifty-fifth St.; cost, \$30,000.

August Glairiski, three-st'y stores and flats, 636 Ashland Ave.; cost, \$10,000.

P. H. Grimes, two-st'y store and dwell., Seventy-fifth St. and Dobson Ave.; cost, \$4,500.

B. P. Riley, three-st'y store and flats, Ninety-second and Superior Sts.; cost, \$7,000.

J. F. Winter, 8 four-st'y stores and flats, State St. and St. Cloud Ct.; cost, \$60,000.

Martin Schulz, three-st'y store and flats, 197 North Ave.; cost, \$6,000.

G. J. Weinert, two-st'y store and flats, 963 West Harrison St.; cost, \$4,000.

Detroit, Mich. — C. Hamel, double brick store and dwell., 601-603 Dix Ave.; cost, \$4,000.

F. Ebel, brick store and dwell., 552 Baker St.; cost, \$7,000.

(Continued on page xx.)

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ALTHOUGH the Architecture of the RENAISSANCE in other countries has during the last few years, received much attention, and been copiously illustrated, but little has been recently attempted towards illustrating the remains of the same period in England; yet the reign of Elizabeth was the time of great building activity, and was marked by a lavish display of magnificence in house building. Many of these buildings, stately, picturesque, and rich in beautiful detail, both inside and out, remain to us to show how problems of design were solved, which in their main conditions, come up for solution in the present day. It is these essentially English Buildings which the present work will portray. Hardwick Hall, Hatfield, Kirby, Burghley, Cobham, Blickling, are a few among the large and well-known houses; while Ragdale, Hambleton, Condover, Brereton, Lilford, Longford, and many others, though not so famous, are no less interesting as examples of the style. The buildings selected are typical examples, chosen from the best that are available, and they range from Lancashire and Yorkshire in the North, to Devon and Kent in the South: stone, brick, and timber-built structures being all represented.

The photographic plates will comprise general views of the buildings, both exterior and interior, with special features to a larger scale; and although taken mainly from Domestic work, there will be a few notable monuments from Churches as well as woodwork from the same sources. In addition to the photographic plates there will be given twenty sheets of measured details, reproduced by photo-lithography from drawings specially prepared for the work, comprising some of the features given in the views as well as many others not suitable for photographic illustration.

The Text will be interspersed with about a hundred small sketches of other interesting features such as balustrades, dormer windows, corbels, groining bosses, carved panels, staircases, glazing, etc., etc., as well as some plans of buildings, and profiles of the principal mouldings. By this means it is hoped to make the work far more useful than it would be were it merely a collection of general views, and to render it not only a valuable study-book for the Architect, but of great interest to all who take pleasure in the remains of the richest period of Domestic Architecture which England has witnessed.

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BUILDING INTELLIGENCE.

Minneapolis, Minn.—Simon Gittelsohn, brick store-building, 327 Washington Ave., s; cost, \$5,000.

New York, N. Y.—Greenwich St., w s, 75' 3" n Clark-son St., seven-sty brick store, tin roof; cost, \$35,000; owner, James M. Glenahan, 481 Eighth Ave.; architects, Thom & Wilson, 1267 Broadway.

Philadelphia, Pa.—Thirteenth St., e s, s Arch St., one-sty store; contractor, William Murphy.

TENEMENT-HOUSES.

St. Louis, Mo.—Two-sty brick tenement; cost, \$5,200; owner, J. Pideuro, Jr.; contractor, N. F. Beinke.

Two-sty brick tenement; cost, \$6,500; owner, M. Higgins; contractor, W. P. Sloss.

WAREHOUSES.

Baltimore, Md.—Becker Bros. & Son will build four-sty brick warehouse, e s Frederick St., bet. Douglas and Gay Sts.

Chicago, Ill.—Robert Kelso, two-sty storage warehouse, 17 Eagle St.; cost, \$4,000.

St. Louis, Mo.—One-sty brick warehouse; cost, \$4,000; owners, Quick Meal Stove Co; contractors, C. Lemburg & Son.

MISCELLANEOUS.

St. Louis, Mo.—One-sty brick dry-house; cost, \$3,000; owners and contractors, St. Louis Box Co.

PROPOSALS.

September 9, 1891. 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 October, 1891, for all the labor and materials required for putting in place complete the low-pressure, return-circulation, steam-heating and ventilating apparatus for the United States Post-Office Building at Kalamazoo, Mich., in accordance with drawings and specification, copies of which may be had at this office or the office of the Superintendent at Kalamazoo, Mich. Bids will also be considered for any other system of heating and ventilating in lieu of the above, and parties proposing to supply such, must submit with their proposal plans and full specification for same. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. 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 and meaning of this invitation or upon any heating and ventilating apparatus not satisfactory to this Department. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Low-Pressure, Return-Circulation, Steam-Heating and Ventilating Apparatus (or otherwise as the case may be) for the United States Post-Office Building at Kalamazoo, Mich.," and addressed to W. J. EDBROOKE, Supervising Architect. 821

September 7, 1891. 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 October, 1891, for all the labor and materials required for the excavation, concrete foundations, stone and brick work, iron and wood floor and roof construction, roof covering, etc., of the United States Post-Office Building at Jackson, Mich., 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 Jackson, Mich. Each proposal must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. 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 Excavation, Concrete Foundations, Stone and Brick Work, Iron and Wood Floor and Roof Construction, Roof Covering, etc., for the United States Post-Office Building at Jackson, Mich.," and addressed to W. J. EDBROOKE, Supervising Architect. 821

September 7, 1891. 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 October, 1891, for all the labor and materials required for the erection and completion

(except heating apparatus) of the United States Post-Office Building at Hoboken, N. J., 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 Hoboken, N. J. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of proposal. 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 (except Heating Apparatus) of the United States Post-Office Building at Hoboken, N. J.," and addressed to W. J. EDBROOKE, Supervising Architect. 821

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 October, 1891, for all the labor and materials required, and fixing in place complete, the low-pressure, return-circulation, steam-heating and ventilating apparatus, power boiler, pump, etc., in the United States Custom-house, etc., building at Galveston, 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 Galveston, Texas. Bids will also be considered for any other system of heating and ventilating in lieu of the above, and parties proposing to supply such must submit with their proposal plans and full specification for same. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. 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 and meaning of this invitation, or for any heating and ventilating apparatus not satisfactory to this Department. Proposals must be enclosed in envelopes sealed and marked, "Proposal for the Low-pressure, Return-circulation, Steam-heating and Ventilating Apparatus (or otherwise, as the case may be), Power Boiler, Pump, etc., for the United States Custom-house, etc., building at Galveston, Texas," and addressed to W. J. EDBROOKE, Supervising Architect. 821

Office of the Light-house Inspector, Third District, Tompkinsville, New York, P. O. Box 2128, New York City, August 31, 1891. Proposals will be received at this office until 2 o'clock P. M., on Wednesday, the 16th day of September, 1891, for supplying 17,000 feet, more or less, of three conductor double armor electric cable about two inches in diameter, needed for lighting buoys to mark Gedney Channel, New York Bay. Full information relative to this cable can be obtained on application at this office. The right is reserved to reject any or all bids and to waive any defects. HENRY F. PICKING, U. S. N., Light-house Inspector, Third District. 820

August 27, 1891. 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 28th day of September, 1891, for all the labor and materials required for the iron stairs, iron work, etc., of elevator shaft, for the United States Court-house, Post-office, etc., building at Denver, Colo., in accordance with drawings and specification, copies of which may be had on application at this office, or the office of the Superintendent at Denver, Colo. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. 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, "Proposals for Iron Stairs, Iron Work, etc., for the United States Court-house, Post-office, etc., Building at Denver, Colo.," and addressed to W. J. EDBROOKE, Supervising Architect. 820

August 29, 1891. 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 September, 1891, for all the labor and material required for the Approaches to the United States Court-house and Post-office Building at Chattanooga, Tenn., in accordance with the drawing

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and specification, copies of which may be had on application at this office or the office of the Superintendent at Chattanooga, Tenn. Each bid must be accompanied by a certified check for a sum not less than 2 per cent of the amount of the proposal. 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 Court-house and Post-office Building at Chattanooga, Tenn.," and addressed to W. J. EDBROOKE, Supervising Architect. 820

August 28, 1891. 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 28th day of September, 1891, for all the labor and materials required for the approaches to the United States Court-house and Post-office Building at Statesville, N. C., 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 Statesville, N. C. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. 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 Court-house and Post-office Building, Statesville, N. C.," and addressed to W. J. EDBROOKE, Supervising Architect. 820

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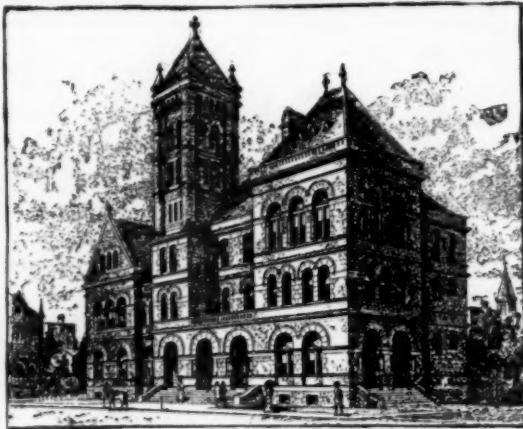
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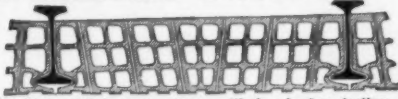
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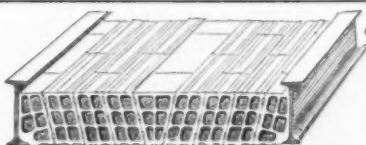
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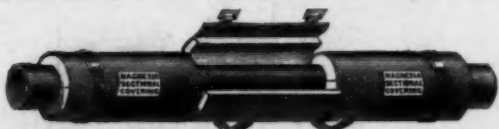
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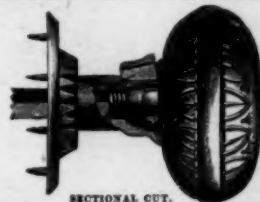
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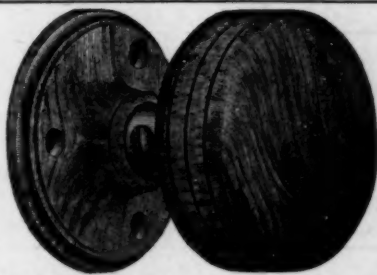
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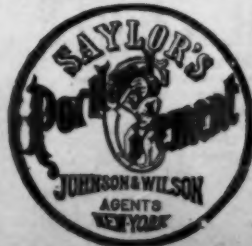
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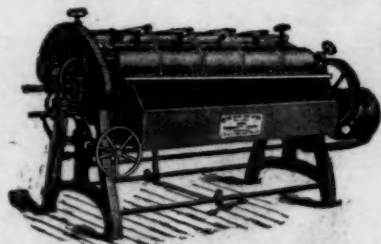
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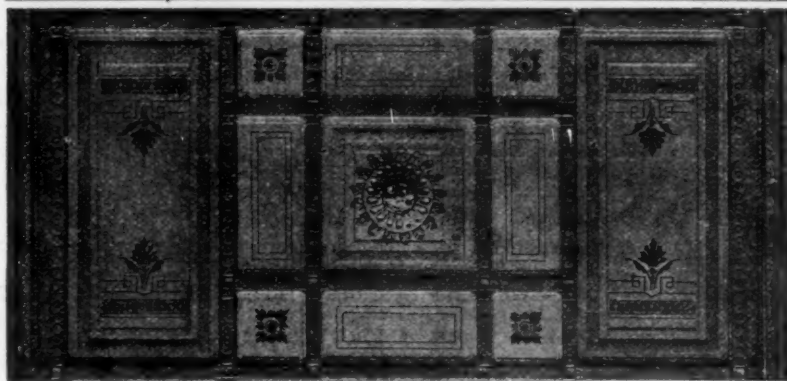
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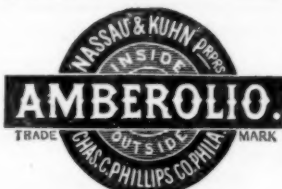
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The most reliable and economical article in the market for the purpose. GREAT TENSILE STRENGTH Does not corrode; does not lose its vitality by continuous use, or exposure to the elements; runs over any pulley, and gives satisfaction wherever it is used. Fixtures made of steel wire, is very simple and easily applied. 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 buildings in all parts of the United States.

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E. L. FORD, Sec.

BUILDING MATERIALS.	New York.	Boston.	Chicago.	Philadelphia.
LUMBER.—P. M.	(Wholesale Prices.)	(Prices to Builders and Contractors.)		
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.....	ea 13 1/2 @ 25 00	13 50 @ 25 00	Not sold.	16 00 @ 20 00
Hemlock.....	20 @ 14	13 00 @ 15 00	11 @ 12 00	11 25 @ 13 50
Yellow pine.....	20 @ 40	25 00 @ 35 00	29 00 @ 37 00	14 00 @ 29 00
Cypress.....		31 00 @ 40 00	@	@ 35 00
Clapboards:				
Pine.....	@	38 00 @ 60 00	10 00 @ 22 00	14 00 @ 25 00
Spruce.....	@	23 00 @ 35 00	Not sold.	Not sold.
Framing Timber:				
Pine.....	14 00 @ 18 00	15 00 @ 18 00	12 00 @ 15 00	25 00 @ 37 30
Spruce.....	12 00 @ 16 00	14 00 @ 15 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 35	2 10 @ 2 25	2 75 @ 3 00
Spruce.....	2 15 @ 2 20	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	
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	{ 30" \$35 @ 40
Cedar split.....P. M.....	@	@	Not sold.	{ 24" 8 @ 21
Cedar sawed.....	@	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:				
Piles.....P. ft.....	4 1/2 @ 5 1/2	Piles 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	40 @ 1 25
Chestnut posts.....		25 @ 50	Not sold.	20 @ 30
Finishing Woods: P. M. (First Qual.)				
Ash.....	@ 55 00	45 00 @ 60 00	30 00 @ 35 00	30 00 @ 40 00
Cherry.....	80 00 @ 120 00	90 00 @ 120 00	80 00 @ 110 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).....		45 00 @ 50 00		
Mahogany, Baywood [Mexican].....	@ 180 00	150 00 @ 160 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 @ 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.....	@ 90 00	65 00 @ 75 00	45 00 @ 50 00	60 00 @ 75 00
Sycamore quartered.....		50 00 @ 65 00	35 00 @ 50 00	57 50 @ 65 00
Pine, clear.....	65 00 @ 70 00	50 00 @ 75 00	35 00 @ 50 00	@ 65 00
Redwood.....	60 00 @ 70 00	60 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
Rosewood.....P. M.....				
Spruce floors (clear, kiln-dried).....		32 00 @ 35 00		
Walnut, black.....	125 00 @ 150 00	85 00 @ 120 00	55 00 @ 100 00	50 00 @ 170 00
Whitewood.....	45 00 @ 50 00	40 00 @ 45 00	18 00 @ 40 00	25 00 @ 40 00
Yellow pine.....P. M.....	@ 45 00	40 00 @ 42 00	29 00 @ 40 00	50 @ 45 00

Sliding Blinds and Screens.

The "Willer" Sliding Blinds are made in sections to slide vertically, are balanced by springs, contain Rolling Slats wherever wanted and are furnished complete, including finish and hardware.

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Of American Architecture, - No. 5.

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BOSTON, MASS.,

GAMBRILL & RICHARDSON, Architects.

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Helio-chrome. Price, \$10.00.

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STIFFENED (Iron furred)
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Plain, Japanned or Galvanized.

The Most Perfect and Economic System of FIREPROOF Construction.

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We desire to notify purchasers of Steam-Pumps that numerous cheap imitations of Worthington Pumps are being manufactured. It is usually represented that they are made by us or from our patterns, and being apparently close copies, they readily deceive those who are not familiar with our machines. By this method some of them have been introduced and as their construction is invariably of inferior quality the unsuspecting buyer is imposed upon and suffers correspondingly.

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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None genuine unless stamped with our Trade Mark.

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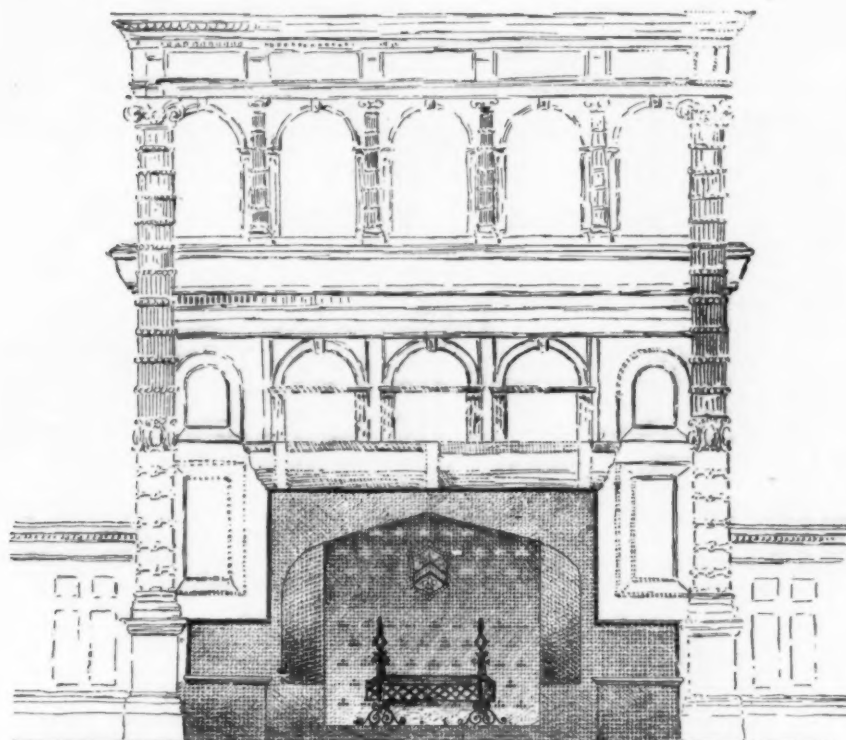
Positively Burglar-proof, cannot be Cut, Sawed, or Drilled,

CHROME STEEL WORKS, Brooklyn, N. Y.

BUILDING MATERIALS.

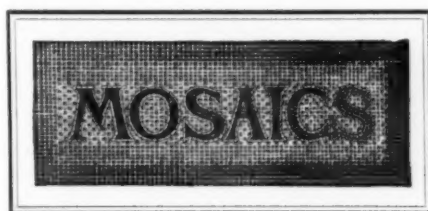
Reported for the American Architect and Building News.

	New York.	Boston.	Chicago.	Philadelphia.
	(Wholesale Prices.)		(Prices to Builders and Contractors.)	
BRICK.—P. M.				
Common: Cargo afloat.				In Yard.
Pale.....	2 00 @ 2 25	Eastern	Building Brick	Sq. Hard @ 9 00
Jersey.....	4 00 @ 4 75	9 00 @ 10 00	@ 6 50	@ 7 00
Long Island.....	@	Bay State Hard		Salmon @ 5 00
Up River.....	4 00 @ 5 00	8 00 @ 9 00		Sq. " @ 9 00
Haverstraw Bay 2d.....	4 75 @ 5 00	Domestic Com.	Indiana Pressed	Light Stretchers
" 1st.....	5 00 @ 5 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	@ 27 00	Red " @ 13 00
Croton, Brown.....	@ 13 00	Philadelphia		Dark " @ 13 00
" dark.....	@ 14 00	40 00 @ 45 00		Pressed " @ 13 00
" red.....	@ 14 00	Phila. mould		18 00 @ 20 00
Chicago pressed (Anderson).....		50 00 @ 80 00		Best Paving @ 14 00
" Moulded.....				Second " @ 13 00
Baltimore.....	37 00 @ 41 00	Anderson		Third " @ 12 00
Philadelphia.....	23 00 @ 24 00	14 00 @ 32 00		
Trenton.....	22 00 @ 23 00			Dom. { @ 65
Milwaukee.....				@ 85
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	1 20 @ 1 40	Not sold.	1 30 @ 1 50
Louisville.....		Brooks, S. & Co.	1 05 @ 1 30	BS&Co 2 75 @ 3 00
Utica, Akron, Buffalo, Milwaukee.....	Not sold.	2 60 @ 3 00	1 00 @ 1 25	2 85 @ 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
" " Black Cross.....	2 25 @ 2 50	2 60 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" " (Burnham).....	2 10 @ 2 80	2 60 @ 3 00	2 90 @ 3 15	2 75 @ 2 85
" " (White's).....	2 65 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	
" French (Lafarge).....	3 00 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" German (Alsen).....	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	2 50 @ 2 75
" " (Fewer).....	2 25 @ 2 40	3 15 @ 3 35	3 20 @ 3 40	2 75 @ 2 85
" " (Vorwohler).....	2 50 @ 2 90			
" " (Lagerdofer).....	@	Cleopatra		
" " (Dyckerhoff).....	2 90 @ 3 25	2 55 @ 3 00	2 75 @ 3 00	2 75 @ 2 75
" " (Hanover).....	2 50 @ 3 00	3 00 @ 3 50	3 25 @ 3 50	3 00 @ 3 25
" " Stettin (Anchor).....	2 35 @ 2 85		Not sold.	2 75 @ 2 85
" American (Saylor's).....	2 15 @ 2 45	2 15 @ 2 50	Not sold.	
Roman.....	2 75 @ 3 00	@ 3 00	2 75 @ 3 00	2 70 @ 3 00
Keene's coarse.....	5 75 @ 6 50	@ 6 00	2 75 @ 3 25	3 00 @ 3 50
" superfine.....	9 25 @ 10 25	@ 11 50	6 00 @ 7 00	6 50 @ 7 00
			9 00 @ 10 50	8 00 @ 9 00
Lime:				
Lime of Tell.....	3 50 @ 4 00			White Lime P bush
Hydraulic Lime.....	@ 1 45	@ 1 35	Not sold.	25 @ 30
Chicago Lime in bulk.....		St. John 1 00	55 @	White Mash
Wineconin Lime.....	@ 1 00	@ 1 05	60 @	1 25 @ 1 50
Rockland and Rockport (Com.).....	@ 1 00	@ 1 10	Not sold.	1 00 @ 1 00
Rockland and Rockport, finish.....	@ 1 20	@ 1 20	Not sold.	
Kelley Island Lime, finish.....	@ 90		1 00 bulk, 75c.	
State, com. cargo rates (nom.).....	@ 1 05	Not sold.	Not sold.	Not sold.
State, finishing.....	1 20 @ 1 25	1 85 @ 2 00	Not sold.	Not sold.
Plaster of Paris (calcined).....	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 50 @ 2 25
" (casting).....	16 @ 18	25 @ 30	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) P bush.....	23 @ 25	@ 30	20 @ 25	20 @ 25
" (Goat).....	1 00 @ 1 25	1 75 @ 1 90	30 @ 35	30 @ 35
Sand, P load.....			@ 60	@ 1 50
STONE. (P cubic foot, rough.)				
Granite: (Maine)				
Limestone:				
Bedford.....	45 @ 1 25	35 @ 1 00	50 @	55 @ 65
Joliet.....	@ 1 00		35 @ 55	75 @ 90
Lemont.....	@		35 @ 60	75 @ 1 50
Serpentine.....	@		@ 1 00	P Perch @ 4 50



ENAMEL MOSAIC FIREPLACE.

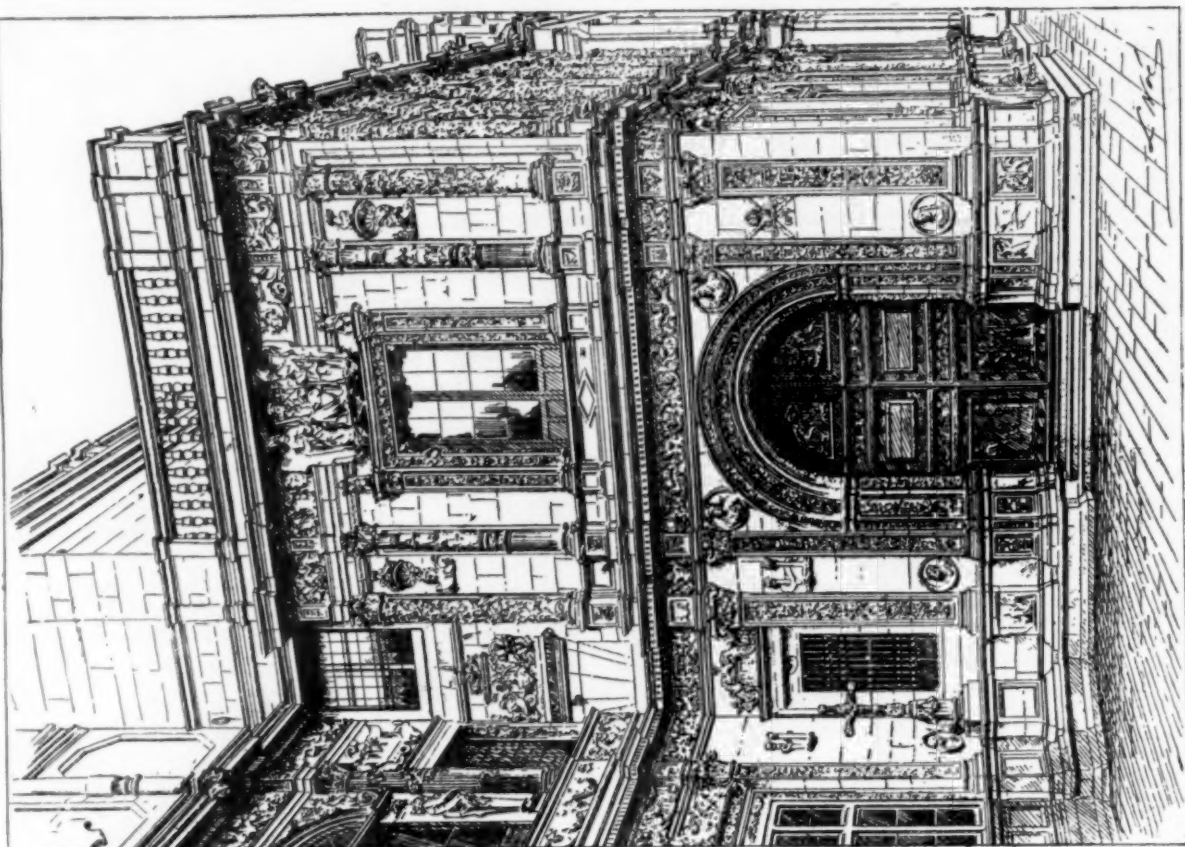
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IN the use of mosaics for household decoration, no place gives better opportunity than the mantel. This can be treated, as in cut above, entirely in mosaic—the back, sides and front of the chimney proper, as well as the hearth—or, it can be used for elaborate decoration in the upper part of the mantel construction. Figure subjects in rich color, with gold and silver, being the most artistic form in which this permanent decoration can be used.

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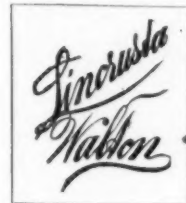
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Editors of the American Architect

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BUILDING MATERIALS.	New York.	Boston.	Chicago.	Philadelphia.
(Wholesale Prices.) (Prices to Builders and Contractors:)				
Mortar Colors.				
Black, brown, buff P lb.....	@ 2 1/2	@	@	@
Colorific.....P lb.....	@ 2 1/2	@	@	@
Red.....	@ 3	@	@	@
White.....P bbl.....	@ 1 75	@	@	@
Foundation:				
Dimension.....	@	5 00 P ton.	20 @	@ 5 00
Block.....	@	4 60 P perch.		Conshocken
Rubble.....	@	1 25 @ 1 50	8 50 @	1 45 @ 2 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	80 @ 90	@	
Kibbe.....	@ 90	90 @ 1 10	@	95 @ 1 16
Brown (Connecticut).....	1 00 @	1 25 @ 1 45	1 50 P cub. 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 00
New Brunswick (Dorchester).....	@ 1 00	75 @ 90	@	1 00 @ 1 00
Caen.....	@	@ 2 00	@	1 25 @ 1 00
Carlisle, English.....	@ 1 05	@ 1 05	@	95 @ 1 00
Corse Hill (Scotch).....	@ 1 05	@ 1 05	@	@
Marble: (P 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.....	@	@	@ 4 40	2 50 @ 2 75
"Sienna.....	@	@	Not Sold.	@ 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 00	2 25 @ 3 00
Slate: 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.....	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
"black, Lehigh.....	4 25 @ 4 75	@	6 25 @ 6 85	3 25 @ 4 00
"Chapmans.....	@	@	7 30 @ 8 00	5 00 @ 4 65
"Unfading black, Monson, Me.....	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am ... P M.....	@	@	Not Sold.	@ 25 00
N. Peach Bottom, warranted unfading.....	@	@	@	6 00 @ 6 75
PAINTS. (In Oil P lb.)				
White lead, Am.....	7 @ 7 1/2	7 1/2 @ 7 1/2	6 1/2 @ 7	@ 7 1/2
"zinc.....	5 @ 8 1/2	5 @ 8	7 @ 10 1/2	@ 7
Red lead, Am.....	6 1/2 @ 7	7 1/2 @ 7 1/2	6 1/2 @ 7	@ 7 1/2
"Venetian.....	6 @ 10 1/2	7 @ 12	1 1/2 @ 2 1/2	dry Eng. @ 7
"Vermillion.....	65 @ 70	75 @ 80 dry	65 @ 68	Eng. @ 7 1/2
"Indian, Eng.....	12 @ 20	12 @ 20	12 @ 20	dry Am. @ 1 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 @ 30
Black, lamp.....	15 @ 25	15 @ 25	8 @ 30	@ 12
Blue, ultramarine.....	12 @ 18	18 @ 30	12 @ 35	10 @ 24
Oil, linseed, (raw).....	55 @ 62	42 @ 43	57 @ 60	@ 60
"boiled.....	58 @ 65	35 @ 46	60 @ 63	@ 63
Turpentine.....	36 @ 37	41 @ 42	51 @ 51 1/2	@ 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 @ 4	2 @ 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 @ 2	1 @ 2
Litharge, Am.....	6 1/2 @ 6	@ 7 1/2	6 1/2 @ 7	@ 7 1/2
Sienna (burnt).....	14 @ 20	14 @ 20	4 @ 16	4 @ 14
Umber.....	14 @ 20	14 @ 20	2 @ 10 1/2	2 @ 13
HARDWARE.				
Nails: (Per Cask.) Spikes, (wrought.)	@ 2 85	@	2 75 @ 3 00	per keg @ 2 25
10d. common.....	@ 2 60	@ 2 15	@ 2 35	@ 2 30
Shingle.....	@ 3 35	@ 2 55	@ 2 75	@ 2 60
Lath.....	@ 4 85	@ 3 45	@ 3 65	3 60 @ 4 75
(Finishing nails according to size.)	@	@	Add .85 to \$1.15	per lb 4 @ 6
(For casing nails add 75 c. per keg.)	@	@	..50 to .90	Add per cask
Butts: 4" x 4".....(P doz. pairs.)				2 90 (all kinds.)
Plain.....	@ 1 00	@ 1 20	@ 90	@ 90
Japaned.....	@ 1 50	@ 1 75	Not Sold.	1 35 @ 2 00
Acorn, Japaned.....	@ 1 50	@ 1 90	2 00 @ 3 75	1 35 @ 2 75
Ball Tip, Boston Finish.....(P pair.)	@ 65	@ 50	Not Sold.	48 @ 50
Bronze metal.....	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Brass (for cupboards).....	@ 10	@ 10	@ 12	@ 1 00
Ebony.....	@	@	@	@ 35
Apple wood.....	@	@	@	37 @ 1 00
Knobs: (P set.)				
Mineral, best.....	@ 8	@ 8	8 @ 10	@ 08
Lava.....	@ 50	@ 75	65 @ 80	Not Sold.
Hemacite.....	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	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.....	@	@ 7 1/2	@ 7	13 1/2 @ 16
Lead Pipe.....	@	@ 7	@ 6 1/2	@ 6 1/2
Iron:				
1-Beams, up to and including 36 ft.....	3 3-10 @ 3 1/2	@ 3 1-10	@	@ 2 8-10
1-Beams, over 30 ft. 1, 1 1/2, 2 c. advance.....	@	@	3 20 @ 3 70	@ 2 8-10
Channel-Beams.....	3 3-10 @ 3 1/2	@ 3 1-10	3 20 @ 3 70	@ 2 8-10

Architectural Books.

[Any book in this list will be forwarded, carriage paid, on receipt of the price by the advertiser. N. B. Messrs. Tieknor & Co., handle only their own publications.]

CARPENTRY.

TREDGOLD, THOS., \$5.00
"Elementary Principles of Carpentry." Revised by Hurst.
New York (12 Cortlandt St.): E. & F. N. Spon.

CHURCHES.

WICKES, CHARLES, \$15.00
"Spires and Towers of the Medieval Churches of England."
Boston (211 Tremont St.): Tieknor & Co.

CONSTRUCTION.

BERG, LOUIS D'G. Vol. I. \$5.00
"Safe Building."
Boston (211 Tremont St.): Tieknor & Co.
CLARK, T. M. \$3.00
"Building Superintendence." Cuts.
Boston (211 Tremont St.): Tieknor & Co.

DECORATION.

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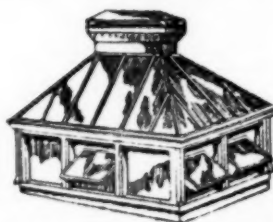
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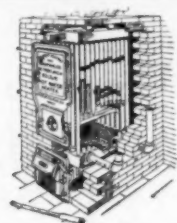


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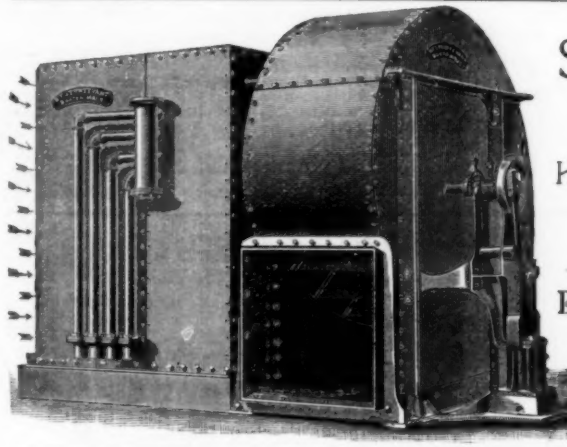
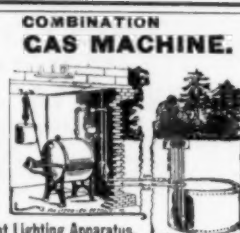
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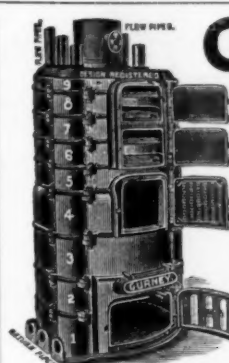
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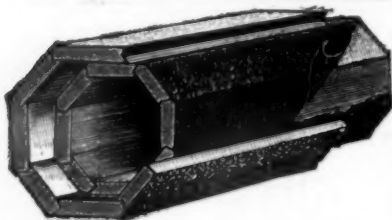
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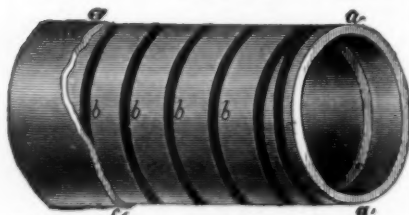
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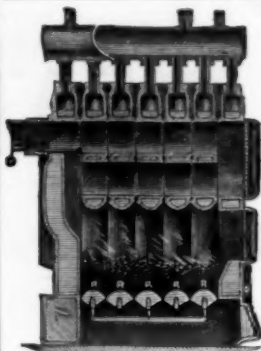
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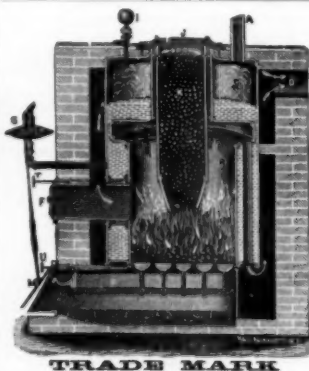
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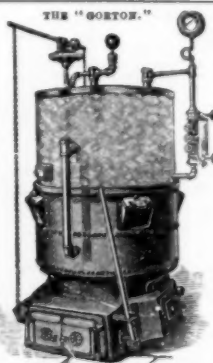
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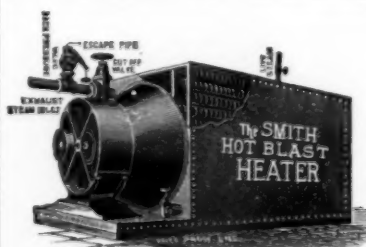
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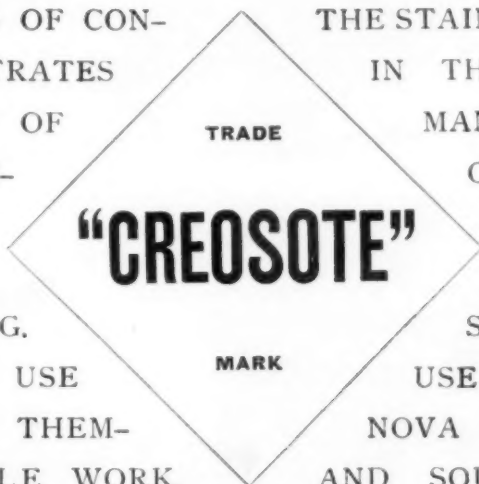
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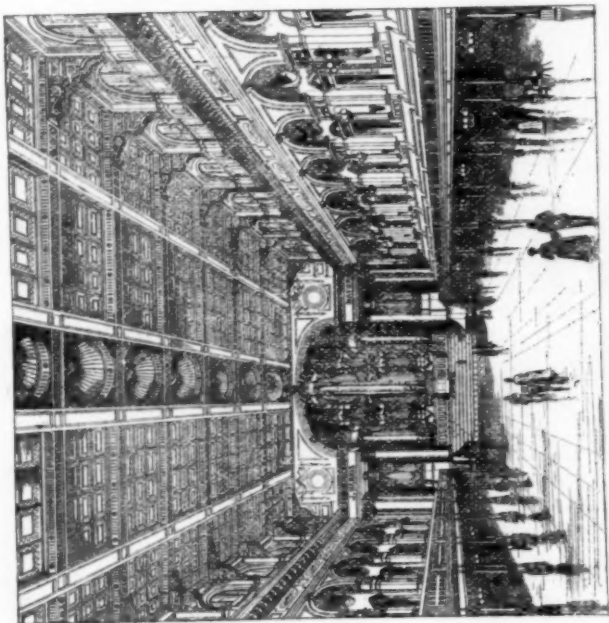
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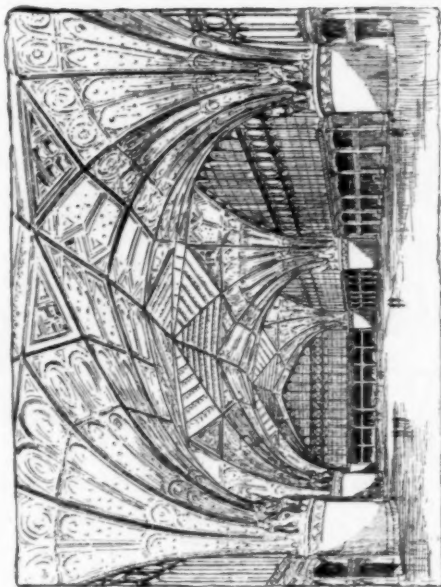
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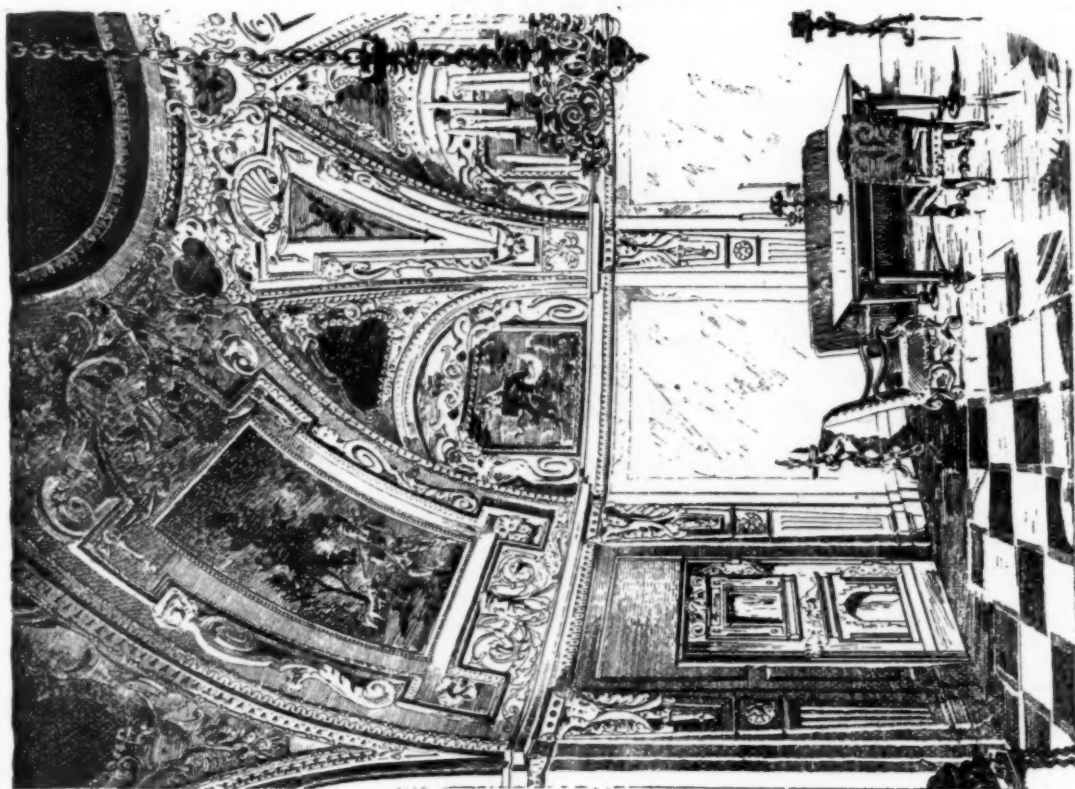
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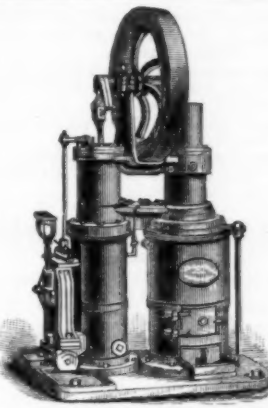


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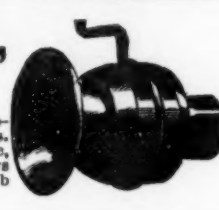
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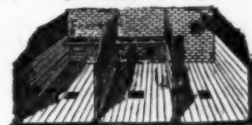


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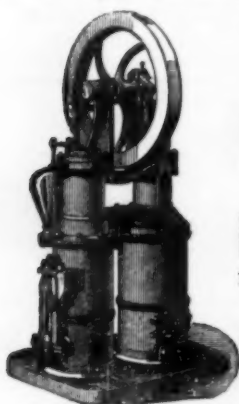
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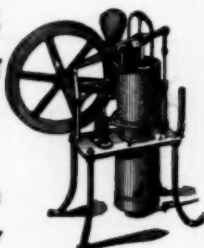
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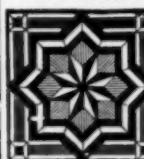
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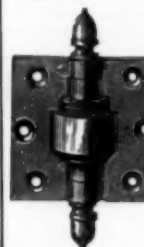


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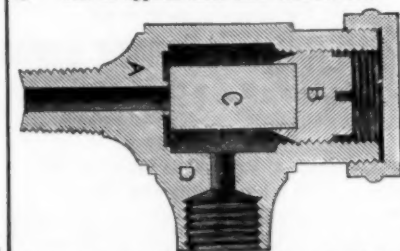
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459,109. WEATHER-STRIP.—Calvin D. Hartzell, Newville, Pa.
459,122. PLANE.—James E. Kendrick, Germantown, Cal.
459,200. HYDRAULIC ELEVATOR.—John G. Stamp, Buffalo, N. Y.
459,321. CHIMNEY-CAP.—Joseph A. Hodel, Cumberland, Md.
459,229. ELECTRIC ELEVATOR.—Harry H. Blades, Detroit, Mich.
459,238. ELEVATOR.—Charles E. Foster, Washington, D. C.
459,288. PAINT-BURNER.—Gustavos Heidel, St. Louis, Mo.
459,292. SHUTTER-FASTENER.—Edwin T. Keener, Moberly, Mo.
459,306. DOOR-SPRING.—John A. Prialux, Rochester, N. Y.



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From Antwerp.—Steamer "Hermann," 1,500 barrels Portland cement, 1,000 do. cement, 2 cases cement tiles, order. Steamer "Wassland," 1,300 barrels cement, E. Thiele; 800 do., Bank of British North America; 1,000 do., order. Steamer "Apollo," 3,852 barrels cement, order.

From Glasgow.—Steamer "Ethiopia," 3 cases granite, James Douglas & Son. Steamer "State of Nevada," 273 cases granite, Austin, Baldwin & Co.; 64 do., W. C. Townsend.

From Hamburg.—Steamer "Proclia," 500 casks cement, E. Thiele; 1,408 barrels do., Nevada Bank of San Francisco. Steamer "Rhetia," 2,000 casks asphaltum, E. Thiele; 500 casks cement, Gabriel & Schall. Steamer "Bohemia," 172 barrels cement, Nevada Bank.

From Hull.—Steamer "Francisco," 31 bales cattle-hair, order.

From Laguna.—Schooner "Henrietta J. Powell," 281 logs mahogany and cedar, Thebaud Bros.

From Liverpool.—Steamer "Gallia," 62 casks rotten stone, Hammill & Gillespie.

From London.—Steamer "Ludgate Hill," 500 casks cement, Bank of British North America; 1,000 do., Chas. J. Stevens; 500 casks Portland cement, E. Thiele; 1,200 casks cement, order.

From Marseilles.—Steamer "Neustria," 21 cases marble, order.

From Naples.—Steamer "Hesperia," 4 cases marble, order.

From Newcastle-on-Tyne.—Steamer "Croft," 1,600 casks Portland cement, order.

From Port Spain.—Bark "Beatrice Haverer," 750 tons asphalt, order.

From Rotterdam.—Steamer "Amsterdam," 1,000 casks cement, E. Thiele; 2,250 do., order. Steamer "Spaarnadam," 100 casks cement, E. Thiele.

From St. Anna.—Brig "Atalanta," 423 logs mahogany, J. Rayner.

From Windsor, N. S.—Bark "George Davis," 1,068 tons lump-plaster, J. F. Whitney & Co. Schooner "Clifton," 906 tons plaster, J. F. Whitney & Co. Schooner "Gypsy Queen," 1,067 tons plaster, J. F. Whitney & Co. Brig "C. C. Van Horn," 628 tons lump-plaster, J. F. Whitney & 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.—Marcy Ave., No. 297, three-st'y brick store and flats, two-st'y brick extension, tin roof added and other alterations; cost, \$4,000; owner, John P. Heins, 279 Marcy Ave.; architect, J. W. Moulton, 145 East Twenty-third St., New York City. Washington St., e s, 68 s Johnson St., 3 three and four st'y brick buildings, gravel and tin roofs, internal and other alterations; cost, \$6,000; owners, Abraham & Dunne, 428 Fulton St.; architect, Geo. L. Morse, 213 Montague St.

Chicago, Ill.—P. C. and St. Louis Railroad, one-st'y additional, Fulton and Canal Sts.; cost, \$6,000. **New York, N. Y.**—Plans have been prepared by architect John W. Marshall for alterations to be made in the United States Post-Office Building to cost about \$70,000.

Philadelphia, Pa.—Baring St., No. 3840, alterations; owner, John Maginnis. South Twentieth St., No. 1147, alterations; contractor, Samuel McReynolds.

Fairmount Ave., n e cor. Thirty-ninth St., alterations; contractor, S. M. McComsey. Lancaster Ave., Nos. 3932-34, alterations; contractor, A. F. Hunter.

Broad St., e s, s Morris St., alterations; contractors, Doyle & Doak. Van Pelt St., s e cor. Dauphin St., alterations; owner, Isaac Seales.

South Fourth St., No. 15, alterations; contractor, J. H. Rea.

Pine St., No. 2116, alterations; contractor, William B. Dougherty.

Merrine St., e s, n Jefferson St., addition; contractor, P. H. Somerset.

Chestnut St., n s, w Twenty-third St., alterations; contractors, Doyle & Doak.

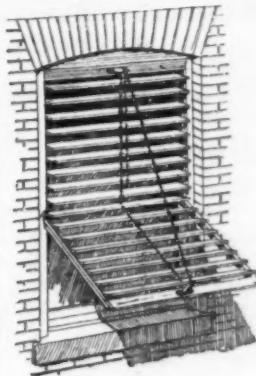
Eighth St., s w cor. Noble St., alterations; owner, T. F. Shuster.

Buttonwood St., s w cor. Second St., addition; contractor, Charles Rossert.

North Eleventh St., No. 1822, addition; contractors, E. F. Ritchie & Co.

Catherine St., No. 614, addition; owner, Jacob Caunsaut.

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BUILDING INTELLIGENCE.

Third and Cumberland Sts., addition; contractor, D. C. Schuler.

North Fifth St., No. 2826, addition; contractor, Paul Bertrand.

Florida St., No. 716, addition; contractor, John H. Faries.

Clover St., s s, e Thirteenth St., addition; contractor, A. B. Rorke.

Island Road, n s, w Seventy-eighth St., addition; owner, Louis Klotz.

South Twelfth St., No. 513, addition; contractor, William Murphy.

Powellton Ave., No. 3300, alterations; owner, F. A. Poth.

Delaware Ave., w s, s Chestnut St., alterations; contractor, James A. Bradin.

Oak St., w s, n Berks St., addition; contractor, Frank Gillett.

Sixtieth St., w s, s Lansdowne Ave., addition; contractor, S. L. Anderson.

North Fifteenth St., No. 1530, addition; contractor, Thomas A. Lynch.

South Eleventh St., No. 1127, alterations; owner, John A. Smith.

Ellsworth St., No. 2363, addition; contractor, C. W. Cooling.

Spruce St., No. 1503, alterations; contractor, Jacob Meyers.

Lehigh Ave., No. 110, alterations; owner, William Coulston.

Juniata St., s s, e Wayne St., alterations; contractor, Benjamin Walker.

North Nineteenth St., No. 540, alterations; contractor, Jacob Myers.

Filbert St., s w cor. Fifteenth St., addition; contractor, Joseph Bird.

Susquehanna Ave., n s, above Cleveland Ave., alteration; contractor, George W. Gallagher.

East Lehigh Ave., No. 110, addition; owner, Thos. Fidler.

Canal St., s s, e Fourth St., addition to factory; contractor, George Kessler.

Prussyan Ave., e s, s Ernst St., alterations; contractor, John H. Hutchinson.

Eutaw St., No. 112, addition; contractor, Samuel R. Mariner.

Christian St., No. 712, addition; contractor, Amos Supplee.

Diamond St., No. 2904, alterations; contractor, A. R. Raff.

Westmoreland St., No. 4242, addition; contractor, Harry Newton.

Cemetery Ave., e s, w Sixty-third St., addition; owner, William Sidden.

McKean St., Nos. 722-730, five additions; contractor, Hayes Mendenhall.

Montgomery Ave., No. 1513, alterations; owner, Nathan Jones.

West Chelten Ave., No. 305, alterations; owner, William A. Heffner.

North Fourth St., No. 2236, addition; contractor, George R. Montiel.

Ellsworth St., No. 2305, addition; contractor, Charles W. Cooling.

Dickinson St., No. 732, addition; contractor, M. H. Mone.

Ridge Ave., No. 2028, alteration; contractor, Geo. F. Jackson.

BUILDING INTELLIGENCE.

Columbia Ave., No. 1229, alteration; owner, F. U. McGrath.

Federal St., No. 1517, addition; contractor, Wm. J. Aiken.

South Eighteenth St., No. 339, addition; contractor, Joseph Price.

Lehigh Ave., n e cor. Almendo St., addition; owner, Patrick J. Ahern.

Wallace St., No. 1528, addition; contractor, A. R. Roff.

Union St., No. 313, addition; contractor, John P. K'idd.

Catharine St., No. 524, addition; owner, Joseph Freeman.

Bridge St., No. 2212, alterations; contractor, Amos W. Linn.

Richmond St., No. 3113, additions; contractor, Amos W. Linn.

East Thompson St., No. 2981, alterations; contractor, A. McClay.

Point Breeze Ave., Nos. 1206-1208, alterations and additions; owner, John McConaghy.

Lancaster Ave., No. 4111, three-st'y addition; owner, Chelton Dean.

Walnut St., No. 914, alterations; contractors, George F. Payne & Co.

Dauphin St., s s, e Frankford Ave., alterations to factory; contractor, Philip Haibach.

Wyandusing Ave., No. 4502, alteration; owner, C. Frank Kellar.

State St., No. 345, alteration; contractor, Thomas Donaldson.

Girard Ave., No. 2727, alteration; owner, R. C. Claet.

North Twenty-seventh St., No. 1440, alteration; contractor, A. Raymond Roff.

Pine St., No. 1813, addition; contractors, William Steele & Son.

North Twelfth St., No. 1501, alterations; owner, A. Overturf.

Hutchinson St., No. 1415, alterations; contractor, F. A. Rieble.

Sixteenth St., w s, n Oxford St., alterations; contractor, George W. Keller.

North Fourth St., No. 1737, alterations; contractor, Henry G. Schultz.

South Fifteenth St., No. 350, alterations; owner, Joseph Saylor.

Jenks St., n w cor. Richmond St., alterations; owner, Amos R. Croster.

Columbia Ave., No. 1618, alterations; owner, Jas. D. Arthur.

Tenth St., s e cor. Morgan St., alterations; contractor, Joseph Bird.

Dauphin St., s s, e Frankford Ave., alterations; contractor, Philip Haibach.

Master St., No. 915, alterations; owner, F. Stine.

North Thirteenth St., No. 231, addition; contractor, William P. Fogg.

Sixteenth St., n w cor. Wallace St., alterations; contractor, H. W. Hancock.

Chestnut St., No. 3606, addition; contractor, A. C. Wilson.

Esher St., n w cor. Washington St., addition; contractor, Charles D. Hill.

Mascher St., s w cor. Somerset St., addition; contractor, G. C. Dietrich.

Jacoby St., addition; contractor, Charles McCaul.

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BUILDING INTELLIGENCE.

St. Louis, Mo. — Addition to church; cost, \$5,000; owner and contractor, First Presbyterian Church. One-st'y addition to tenement; cost, \$4,000; owner, A. Nesbitt; contractor, J. Schisler.

APARTMENT-HOUSES.

Chicago, Ill. — W. J. Lloyd, two-st'y flats, 448 Claremont Ave.; cost, \$5,500. Abbotto & Petrocello, three-st'y flats, 14 Hinchies St.; cost, \$5,500. William Frink, 4 two-st'y flats, 115, 149, 151, 169 Heine St.; cost, \$6,000. L. M. Knoff, two-st'y flats, 1615 Fulton St.; cost, \$4,600. Marie Finigan, two-st'y flats, 154 West Monroe St.; cost, \$4,500. F. J. Somers, two-st'y flats, 6606 Ellis Ave.; cost, \$4,000. L. Silverman, 2 two-st'y flats, Foust Ave. near N. W. Railroad tracks; cost, \$4,000. James Burke, two-st'y flats, Van Buren St., near Forty-fifth St.; cost, \$3,900. F. A. Taylor, two-st'y flats, 1551 West Adams St.; cost, \$3,000. John Quirk, three-st'y flats, 816 Larrabee St.; cost, \$5,000. C. B. Meyren, three-st'y flats, 6028 Wabash Ave.; cost, \$6,000. Martin Nelson, three-st'y flats, 343 Wentworth Ave.; cost, \$5,000. Paul F. Bodecker, three-st'y flats, 54 Vernon Park Pl.; cost, \$8,000. Maggie Whalen, three-st'y flats, 454 Winchester St.; cost, \$6,000. Ed. H. McPhenan, two-st'y flats, 97 Thirty-seventh St.; cost, \$6,000. C. Veder, two-st'y flats and cottage, 3051-3053 Broad St.; cost, \$3,500. Mathias Hofart, three-st'y flats, 639 Fairfield Ave.; cost, \$4,800. John Peterson, two-st'y flats, 219 Twenty-fourth Pl.; cost, \$5,000. P. Wings, three-st'y flats, 345 West Erie St.; cost, \$7,000. S. E. Richardson, three-st'y flats, 1810 Frederick St.; cost, \$10,000. Henry Knopp, two-st'y flat, 35 Florence St.; cost, \$3,000. J. Kimbloom, three-st'y flat, 1671 Fletcher St.; cost, \$4,000. A. F. Johnson, four-st'y flat, 204 (rear) Sedgewick St.; cost, \$3,000. Susan R. E. Wearl, three-st'y flat, 342-344 South Leavitt St.; cost, \$14,000.

BUILDING INTELLIGENCE.

H. W. Martin, 2 four-st'y flats, 81-83 Sangamon St.; cost, \$8,000. G. Harden, two-st'y flats, 64 Fairfield St.; cost, \$3,300. F. D. Clark, ten-st'y apartment building, 333-335 Michigan Ave.; cost, \$75,000.

New York, N. Y. — One Hundred and Forty-second St., s. s. 100' w Third Ave., 4 five-st'y brick and stone flats; cost, \$72,000; owner, James T. Barry; architect, Andrew Spence.

West Twentieth St., Nos. 310-312, five-st'y brick and stone flat; owner, James Meagher; architect, Andrew Spence.

West One Hundred and Twenty-third St., Nos. 228-230, 2 five-st'y flats, are to be built for E. K. Smith; architect, Richard R. Davis.

Sylvan Pl., w. s. bet. One Hundred and Twentieth and One Hundred and Twenty-first Sts., six-st'y stone, terra-cotta and buff brick flat; owner, John Keirns; architect, John C. Burne.

CHURCHES.

St. Louis, Mo. — One-st'y brick church; cost, \$12,500; owner, Presbyterian Church; contractors, J. Lauenberg & Son.

Worcester, Mass. — Wall St., two-st'y brick and stone church for St. Joseph's Parish; cost, \$20,000; owner, Bishop P. T. O'Reilly; contractor, P. Allard, Southbridge, Mass.; architects, Fuller & Delano.

FACTORIES.

Brooklyn, N. Y. — North Eleventh St., s. e. cor. Berry St., five-st'y brick factory, felt and gravel roof; cost, \$30,000; owner, S. M. Vernon, 69 Duane St., New York City; architect, Geo. M. Walgrove, 99 Nassau St., New York City.

St. Louis, Mo. — Four-st'y brick factory; cost, \$15,000; owner and contractor, J. H. Pocock.

HOTELS.

Tonawanda, N. Y. — W. H. Archer, architect, 17 Morgan Building, Buffalo, N. Y., has just completed plans for the new three-st'y Higgins Hotel.

HOUSES.

Allston, Mass. — Wordsworth St., two frame dwells., each 26' x 27'; cost, abt. \$4,200; owner, Ada Hammond; builder, A. E. Ellis; architect, Eugene L. Clark, Boston.

Coolidge Road, two frame dwells., each 26.6' x 35'; cost, abt. \$4,200; owners, O. H. & W. A. Buckley; builder, A. E. Ellis; architect, Eugene L. Clark, Boston.

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BUILDING INTELLIGENCE.

Frame parsonage, 33' x 43'; cost, \$5,500; for Congregational Society; builder, Mr. Allen; architect, Eugene L. Clark, Boston.

Baltimore, Md. — Frank Plack, three-st'y brick building, s. s. Huntington Ave., bet. York Road and Barclay St.

J. W. Sindall, 18 two-st'y brick buildings, n. s. Oliver St., bet. Register and Ann Sts.

A. L. Gorter, four-st'y brick building, s. e. cor. Charles St. and Mt. Royal Ave.

Boston, Mass. — Crosby Square, near Call St., Ward 23, frame dwell., 21' x 38'; owner and builder, Patrick Crosby.

Walk Hill St., near Tileston Ave., Ward 24, frame dwell., 27' x 36'; owner, W. H. Hyde; builder, F. R. Perkins.

Centre St., cor. Sheridan St., Ward 23, three-st'y frame dwell., pitch roof, 40.2' x 52'; owners, B. A. & M. J. Johnson.

Unnamed St., off Welden St., near Hyde Park Ave., Ward 23, frame dwell., 25' x 28'; owner, Bernard Meyer; builders, Sittig Bros.

Chestnut Hill Ave., opp. Winship St., Ward 25, two-st'y frame dwell., hip roof, 38.6' x 38.6'; owner, C. W. Davis; builder, James Muldoon.

Mendum St., near Fairview St., Ward 23, one-st'y frame dwell., 26' x 32'; owner, E. N. Elchorn; builder, Donald McDonald.

Boylston Ave., near Egleston Ave., Ward 23, three-st'y frame dwell., hip roof, 34.10' x 41.10'; owner, Theodore T. medell; builder, W. B. Saunders.

Charles St., near Kittredge St., Ward 23, three-st'y frame dwell., pitch roof, 24' x 43'; owner, Fritz Schmidtke; builder, James Hunter.

Monks St., Nos. 1-7, 2 two-st'y frame dwells., flat roofs, 22' x 45'; owner, H. F. Barker; builder, W. T. Eaton.

Arundel St., cor. Elm Road, Ward 34, two-st'y frame dwell., hip roof, 34.10' x 41.10'; owner, N. S. Myrick; builder, J. McDowell.

Hyde Park Ave., near Mt. Hope St., Ward 23, two frame dwells., hip roofs, each 13.6' x 53'; owner, F. Schroeder; builder, John Dams.

Atwood Ave., near Day St., Ward 22, frame dwell., 24' x 51'; owner, John Waters; builder, J. L. Dakin.

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BUILDING INTELLIGENCE.

Conant St., No. 84, Ward 22, three-st'y frame
dwelling, flat roof, 23' x 40'; owner, Thomas O'Leary;
builders, Pierce Bros. & Campbell.
Whitney St., near Tremont St., Ward 22, three-
st'y frame dwelling, flat roof, 23' x 43'; owners, James
and Margaret O'Brien; builders, Desmond & Gor-
man.

Quint Ave., near Brighton Ave., Ward 25, frame
dwelling, 33' x 43.6'; owner, Congregational Society;
builder, S. E. Allen.
Sheldon St., near Prospect Ave., Ward 23, frame
dwelling, 23' x 29'; owner, Chas. Williams; builders,
McLeod & Chappelle.

Bearse Ave., near Medway St., Ward 24, frame
dwelling, 25' x 46'; owner, Mary J. Costello; builder,
D. G. Roach.

Oak Ave., near Plain St., Ward 24, frame dwelling,
23' x 40'; owner, James McPherson; builder, D. A.
Roberts.

Mendum St., near Fairview St., Ward 23, frame
dwelling, 24' x 47'; owner, Hugh Fitzpatrick; builder,
P. M. Brown.

Unnamed Place, from Washington St., No. 3283,
Ward 23, two frame dwellings, 21' x 42.6'; owner and
builder, J. J. Shaw.

Saratoga St., junction Chelsea St., Ward 1, three-
st'y frame dwelling, flat roof, 22' x 51'; owner, Mrs.
Catharine Lane; builder, James Melness.

Brooklyn, N. Y. - Cook St., s. s. 150' e Morrell St.,
four-st'y frame dwelling, tin roof; cost, \$5,000; owner,
David Stern, 34 Siegel St.; architect, M. Schmal-
heiser, 63 Cook St.

Siegel St., No. 44, four-st'y frame dwelling, tin roof;
cost, \$4,000; owner, L. Kaplan, 44 Siegel St.; archi-
tect, Hugo Smith, 27 Moore St.

Putnam Ave., n. s. 100' e Patchen Ave., 4 two-st'y
brick dwellings, tin roofs; cost, \$3,000 each; owner, F.
J. Mugford, 911A Putnam Ave.; architect, Wm. V.
Young, 209 McDonough St.

McDonough St., n. s. 300' e Tompkins Ave., 2 four-
st'y brick dwellings, tin roofs; cost, \$17,000; owner,
John Fraser, 44 Rochester Ave.; architects, A. Hill &
Son, 1225 Bedford Ave.

Monroe St., s. s. 250' e Stuyvesant Ave., 5 two-st'y
brick dwellings, tin roofs; cost, \$4,500 each; owner,
A. S. Walsh, 643 Madison St.; architects, A. Hill &
Son, 1225 Bedford Ave.

McDonough St., s. s. 350' e Reid Ave., 6 two-st'y
brick dwellings, tin roofs; cost, \$4,700; owner, C. G.
Reynolds, 243 Reid Ave.; architects, A. Hill & Son,
1225 Bedford Ave.

Twenty-second St., n. s. 150' w Sixth Ave., three-
st'y frame dwelling, tin roof; cost, \$4,300; owner,
Ellen Malone, 285 Twenty-second St.; architect, W.
H. Wirth, 358 Seventeenth St.

Barbey St., w. s. 100' n Sunnyside Ave., two-st'y
frame dwelling, shingle roof; cost, \$3,200; owner, F.
G. Hoyt, Cleveland St.; architect, C. E. Corby.

Bergen St., n. s. 240' w Ralph Ave., 6 two-st'y frame
dwellings, felt and gravel roofs; cost, \$1,500 each;
owner, John White, 282 Marion St.

Garfield Pl., s. s. 270' w Sixth Ave., 8 two-and-one-
half-st'y brick dwellings, tin and slate roofs; cost,
\$5,000 each; owner, S. A. Hunt; architects, Langson &
Dahlender, 1239 Bedford Ave.; builder, G. W.
Hunt, 303 Greene Ave.

McDonough St., n. s. 384' e Tompkins Ave., four-
st'y brick dwelling, tin roof; cost, \$16,000; owner, John
Fraser, 44 Rochester Ave.; architects, A. Hill &
Son, 1225 Bedford Ave.

Eight Ave., s. w. cor. St. John's Pl., 2 four-st'y
brick dwellings, slate and tin roofs; cost, \$31,000;
owner, Phil. J. Dwyer, 628 Carlton Ave.; architect,
John Mumford, 16 Court St.

Chestnut Hill, Mass. - Frame dwelling, 44' x 45';
owner, John S. Winn; builder, Christopher Leake;
architect, Eugene L. Clark, Boston.

Chicago, Ill. - H. A. Cole, two-st'y dwelling, Wal-
lace St., near Ninety-seventh St.; cost, \$3,500.
Barry Brothers, 6 three-st'y dwellings, 4500-4510 Ellis
Ave.; cost, \$60,000.

BUILDING INTELLIGENCE.

J. M. Steeger, two-st'y dwelling, 712 Fullerton Ave.;
cost, \$4,000.

S. Weiss, three-st'y dwelling, 3360 South Park Ave.;
cost, \$12,000.

Anderson & Johnson, 3 two-st'y dwellings, 6945-6949
Union St.; cost, \$7,500.

George Reinberg, two-st'y dwelling, Balmoral St.,
near Robey St.; cost, \$4,000.

Dorchester, Mass. - White St., frame dwelling, 35' x
48'; cost, \$6,000; owner, I. Austin Bassett;
builder, D. G. Squires; architect, Willard M. Bacon,
Boston.

Minneapolis, Minn. - Frank G. McMillan, two-st'y
frame dwelling, 704 Tenth Ave., s. e.; cost, \$5,000.

Newton Centre, Mass. - Parkhurst St., frame
dwelling, 40' x 43'; cost, \$7,500; owner, Chas. Everett;
builder, E. J. Fiewelling; architect, Eugene L.
Clark, Boston.

New York, N. Y. - West Thirty-seventh St., No. 28,
five-st'y brick dwelling, tin roof; cost, \$25,000;
owner, Dr. Charles McBurney, 40 West Thirty-
sixth St.; architect, W. Wheeler Smith, 7 Wall St.

King's Bridge Road, e. s. 100' n One Hundred and
Seventy-eighth St., two-st'y brick dwelling, mansard,
tin roof; cost, \$5,000; owner, Robert M. Gerity, 203
East Sixty-third St.; architect, G. A. Schellinger,
128 Broadway.

Philadelphia, Pa. - Eastwick Ave., s. Eighty-fourth
St., two-st'y frame dwelling; contractor, R. L. Hill.

McClellan St., n. s. w. Eighteenth St., 3 two-st'y
dwellings; contractor, John Gorman.

Seventy-first St., w. s. e. Elmwood Ave., 2 two-st'y
dwellings; contractor, John West.

Fifty-seventh St., e. s. e. Vine St., 2 two-st'y dwellings;
contractor, G. W. Steinmetz.

Fine St., s. s. w. Sixtieth St., two-st'y dwelling; con-
tractor, G. W. Steinmetz.

Aspen St., s. s. e. Forty-second St., three-st'y dwelling
and store; owner, John S. Hierman.

Somerton Pike, e. s. s. Horsham Road, two-st'y
frame dwelling; owner, Henry Stevens.

Dauphin St., n. s. e. Philip St., three-st'y dwelling;
owners, George Downing & Son.

Richmond St., s. s. e. bet. Ash and Bunker Sts., two-
st'y dwelling; contractor, Amos W. Simm.

Chestnut St., No. 3919, three-st'y stone dwelling; con-
tractors, J. E. & A. L. Pennock.

Thomas St., e. s. s. Chew St., 3 two-st'y brick
dwellings; contractor, Berwyne Taylor.

Watkins St., n. s. e. Sixth St., two-st'y dwelling;
owner, Charles Zehn.

Pilling St., e. s. n. Adams St., two-st'y dwelling;
owner, H. H. Walker.

Point Breese Ave., w. s. n. Tasker St., 2 two-st'y
dwellings; contractor, M. Kennedy.

Buist Ave., e. s. n. Eighty-first St., two-st'y frame
dwelling; owner, George Kyle.

Chelton Ave., w. s. n. Anderson St., 2 two-st'y
dwellings; contractor, A. G. Morton.

Wilder Ave., s. s. e. Fifty-first St., two-st'y dwelling;
owner, William Bull.

Westmoreland St., s. s. w. Thirtieth St., three-st'y
dwelling; contractor, C. C. Haines.

Seventh St., e. s. n. York St., 7 three-st'y dwellings;
contractor, D. C. Schuler.

Venango St., No. 2216, two-st'y dwelling; owner,
John Rhein, Jr.

Indiana Ave., n. s. w. Twenty-first St., three-st'y
dwelling; owner, A. C. Patterson.

McLurey St., No. 1109, three-st'y dwelling; contrac-
tor, Patrick Lambert.

Mountain St., No. 810, two-st'y brick dwelling;
owner, Hugh McAnany.

Salmon St., No. 3058, two-st'y brick dwelling; owner,
A. McClay.

York St., No. 2420, two-st'y brick dwelling; owner,
John Schwarzman.

D St., No. 3041, two-st'y brick dwelling; contractor,
Christian Eckert.

BUILDING INTELLIGENCE.

Cayuga St., n. s. e. Wayne St., two-st'y brick
dwelling; owner, John Dear.

Sylvan St., w. s. n. Delaware Ave., two-st'y frame
dwelling; contractor, Charles W. Fettes.

Reading, Mass. - Frame dwelling, 26' x 40'; cost, \$4,500;
owner, Chas. Torrey; builder, J. L. McIntyre; archi-
tect, Eugene L. Clark, Boston.

Somerville, Mass. - Hudson St. and Benton Ave.,
frame dwelling, 31' x 40.8'; owner, Elena J. Heintz;
builder, J. H. Kellar.

Jenny Lind Ave., near Medford St., frame dwelling,
28' x 32'; owner, Lydia O. Fuller; builder, George
W. Taylor.

Raymond Ave., near Curtis St., frame dwelling, 21' x
36'; owner, D. L. Mauley; builder, Daniel E.
Robbins.

Dell St., near Tufts St., two frame dwellings, 21' x
28'; owner, N. H. Reed; builders, Hudson & Lewis.

Edmonds St., two frame dwellings, 22' x 34'; owner
and builder, John Stackpole.

Arthur St., near Broadway, frame dwelling, 22' x 36';
owner and builder, John Stackpole.

Belmont St., cor. Belmont Pl., frame dwelling, 20' x
27'; owners and builders, W. L. & H. S. Waugh.

Adrian St., frame dwelling, 22' x 40'; owner and
builder, J. W. Connor.

Summer St., cor. Preston St., frame dwelling, 28' x
40'; owner, Warren P. Wiley; builder, Gillis Bros.;
architects, E. K. & W. E. Blaikie.

Taylor St., frame dwelling, 24' x 30'; owner, Peter
Gordon; builder, H. C. Cross.

Winslow Ave., near Grove St., frame dwelling, 20' x
33.6'; owner, Josiah H. Smith; builder, C. Hunter.

Elm St., near the Railroad, frame dwelling, 26' x 38';
owner and builder, J. E. Herrick.

Linden Ave., rear 27, frame dwelling, 36' x 49'; owner,
Robert A. Hagden; builder, John England.

South Sudbury, Mass. - Frame dwelling, 30' x 77';
cost, \$12,000; owner, Chas. F. Goodnow; builder,
James T. Hall; architect, Eugene L. Clark, Boston.

St. Louis, Mo. - Two-st'y brick dwelling; cost, \$4,000;
owner, T. J. Barry; contractor, J. G. Hacker.

Two-st'y brick dwelling; cost, \$6,000; owner, Mrs. R.
Zitting; contractor, Thos. Roach.

Two-st'y brick dwelling; cost, \$3,150; owner, T.
Reinakeles; contractor, C. Wehking.

Two-st'y brick dwelling; cost, \$4,500; owner, C. C.
Weaver; contractors, Cook & Casey.

Two-st'y brick dwelling; cost, \$3,350; owner, Matthew
Bell; contractor, G. M. Roxeler.

Three-st'y brick dwelling; cost, \$4,200; owner, W.
F. Hancy; contractor, H. B. Schmitz.

Two-st'y brick dwelling; cost, \$3,600; owner, B.
Brunes; contractor, F. Mueller.

Two-st'y brick dwelling; cost, \$3,300; owner, J. H.
Reynolds; contractor, A. Dietz.

Three-st'y brick dwelling; cost, \$5,900; owner, J. H.
Getzheuser; contractors, Bissler Bros.

Two-st'y brick dwelling; cost, \$3,700; owner and con-
tractor, A. B. Ridington.

Two-st'y brick dwelling; cost, \$2,650; owner, George
Krafft; contractor, T. M. Dunn.

Two-st'y brick dwelling; cost, \$10,000; owner, A. P.
Gilio; contractor, M. Kirkwood.

Two-st'y brick dwelling; cost, \$13,000; owner, J. L.
Boogher; contractor, J. Mohr.

Three two-st'y brick dwellings; \$3,500 each; owner,
J. Leonhardt; contractor, Ph. Tiemann.

Two-st'y brick double dwelling; cost, \$4,000; owner,
Jos. Eppstein; contractor, J. Hildebrand.

Two two-st'y brick double dwellings; cost, \$3,800;
owner, D. J. Sullivan; contractor, L. Barlow.

Two-st'y frame dwelling; cost, \$6,000; owner, Mrs.
G. E. Greene; contractor, N. Pelligreen.

West Newton, Mass. - Highland St., frame dwelling,
41' x 42'; cost, \$7,000; owner, Charles Laurie;
builder, Wm. Pettigrew; architect, Eugene L. Clark,
Boston.

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BUILDING INTELLIGENCE.

Winchester, Mass. — Frame dwell., 30' x 40'; cost, abt. \$5,800; owner, F. A. Sanborn; builder, J. L. Enman; architect, Eugene L. Clark, Boston.

Winthrop, Mass. — Frame dwell., 32' x 36'; owner, A. Dimock; contract to be let; architect, Willard M. Bacon.

Worcester, Mass. — Mason St., two-st'y frame dwell.; owners and contractors, Lackey & Peters.

Houghton St., two-st'y frame dwell.; owner, A. V. Hjelm; contractor, N. Nilson.

Pleasant St., frame dwell.; owner, H. A. Booth; contractor, D. M. Waterman.

Maywood St., three-st'y frame dwell.; owner, W. Stone; contractor, D. M. Waterman.

Southbridge St., three-st'y frame dwell.; owner, Tom Howard; day-work.

Crysal St., 2 three-st'y frame dwell.; owner, J. Heron; contractor, J. F. Woodcock.

June St., frame dwell.; owner and contractor, E. B. Rogers.

Park Ave., two-st'y frame dwell.; owner, Fred Searle; contractor, C. A. King.

OFFICE-BUILDINGS.

Philadelphia, Pa. — Pine St., No. 1512, one-st'y office; contractor, John W. Hopkins.

North Sixth St., No. 999, one-st'y office; contractor, P. Strittmatter.

Columbia Ave., s s, w Forty-eighth St., one-st'y office; owners, Pennsylvania Railroad Co.

SCHOOL-HOUSES.

Boston, Mass. — Wyman and Forbes Sts., Ward 23 two-st'y brick schoolhouse, flat roof, 65.10' x 86.4'; for City of Boston; builders, Keening & Strout Bros.

STABLES.

Brooklyn, N. Y. — Willoughby Ave., s w cor. Nostrand St., two-st'y brick stable, tin and gravel roof; cost, \$4,000; owner, A. H. Topping, 489 Willoughby Ave.; architect, G. Macoy.

Unionbridge St., n s, 150' e Reid Ave., two-st'y brick stable and dwell., tin roof; cost, abt. \$3,000; owner, W. Gorman.

Chicago, Ill. — Ira C. Darling & Co., three-st'y barn, Ashland Ave., near Forty-second St.; cost, \$16,000.

Philadelphia, Pa. — Green Lane, s s, w Richmond St., two-st'y stable; owner, Charles A. Brown.

Dinmore St., w s, n Snyder Ave., three-st'y stable; owners, Burt Brothers.

Dauphin St., n s, e Philip St., stable; owners, George Downing & Son.

Chestnut St., No. 3919, two-st'y stone stable; contractors, J. E. & A. L. Pennock.

Carey St., s s, e Fifth St., one-st'y stable; owner, Peter Nolan.

Dauphin St., s s, e Twenty-ninth St., two-st'y stable; owner, W. J. Barrett.

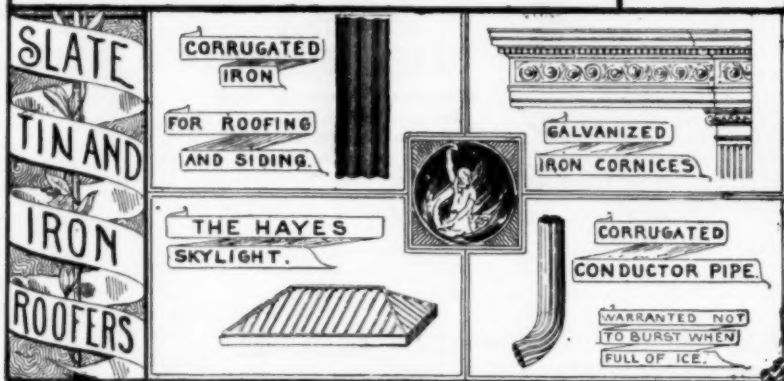
Worcester, Mass. — Birch St., one-st'y frame stable; owner, J. Hunt; contractors, E. S. Warren & Son.

STORES.

Brooklyn, N. Y. — Ryerson St., e s, 73' n Myrtle Ave., four-st'y brick store and flat, tin roof; cost, \$9,000;

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BUILDING INTELLIGENCE.

owner, Seth L. Keeney, 221 Clermont Ave.; architect, Ed. Van Voorhis, 903 Kent Ave.

Cook St., n s, 150' w Bushwick Ave., four-st'y frame store and dwell., tin roof; cost, \$5,000; owner, David Stein, 34 Siegel St.; architect, M. Schmalheiser, 63 Cook St.

Schaeffer St., s s, 75' e Bushwick Ave., three-st'y frame store and dwell., tin roof; cost, \$6,000; owner, Chas. Kappelmann, Gates Ave.; architect, Frank Holmberg, 1161 Broadway.

Chicago, Ill. — Frank Hoepfner, three-st'y store and flats, 660 North Western Ave.; cost, \$7,000.

John A. Johnson, three-st'y store and flats, 46 Wesson St.; cost, \$5,000.

Henry Burmeister, 2 four-st'y stores and flats, 440-442 Noble St.; cost, \$15,000.

James Simplus, three-st'y store and flats, 248 Colorado Ave.; cost, \$7,000.

Ernst Kieniel, four-st'y store and flats, 915 North Robey St.; cost, \$7,000.

Mrs. Richard Lawler, two-st'y store and flats, 3738 Wallace St.; cost, \$5,000.

Frank Mustiek, two-st'y store and flats, 20 Loughton St.; cost, \$4,300.

Peter Ott, three-st'y store and flats, 810 North Robey St.; cost, \$7,000.

Minneapolis, Minn. — T. Mettel, two-st'y brick veneer store, 357-359 Monroe St., n e; cost, \$4,700.

New York, N. Y. — Franklin St., Nos. 54-56, six-st'y brick store, tin roof; cost, \$30,000; owner, John T. Williams, 407 Broadway; architect, Charles R. Behrens, 226 West One Hundred and Twenty-first St.

Fifty-ninth St., n e cor. Madison Ave., four-st'y brick store, peak, tin and tile roof; cost, \$125,000; owner, Leo Schlosinger, 128 East Seventy-fourth St.; architects, Buchman & Deisler, 8 West Twenty-ninth St.

Division St., No. 181, front store to be built; architects, J. B. Snook & Sons.

Philadelphia, Pa. — Rush St., s s, e Coral St., one-st'y store; owner, John Mulheining.

Wayne St., e s, n Bruner St., one-st'y store; owner, John J. Felin.

St. Louis, Mo. — Two-st'y brick store and dwell.; cost, \$2,500; owner, A. Hoffman Hardware Co.; contractor, H. F. Warning.

BUILDING INTELLIGENCE.

Three-st'y brick store and dwell.; cost, \$10,000; owner, J. Padberg; contractor, Jos. Stander.

Three-st'y brick double store and dwell.; cost, \$4,783; owner, C. Runder; contractor, J. H. Frye.

Two-st'y brick store and dwell.; cost, \$4,000; owner, J. Leonhardt; contractor, Ph. Tiemann.

TENEMENT-HOUSES.

St. Louis, Mo. — Two-st'y brick tenement; cost, \$6,500; owner, H. C. Pohlman; contractor, F. W. Giese.

WAREHOUSES.

Baltimore, Md. — The Maryland Screw Co. will build two-st'y brick warehouse, e s North St., bet. Hoffman and Federal Sts.

Rolosen & Bro. will build two-st'y brick warehouse, n w cor. Frederick Ave. and Monroe St.

St. Louis, Mo. — Five-st'y brick warehouse and factory; cost, \$28,500; owners, Platt & Thornburg; contractor, J. L. Guedry.

MISCELLANEOUS.

Brooklyn, N. Y. — Washington Ave., Nos. 77-79, six-st'y brick building, tin roof; cost, \$29,000; owners, S. S. Long & Bros., 82 Dey St., New York City; architect, Theo. E. Thomson, 247 West One Hundred and Twenty-fifth St., New York City.

Bedford Ave., w s, bet. Atlantic Ave. and Pacific St., three and one-st'y brick armory, for Twenty-third Regiment, corrugated iron or slate and tin roof; cost, \$28,450; owner, State of New York, Albany, N. Y.; architect, J. G. Perry, Albany, N. Y.; builders, A. Pasquini & Co., Albany, N. Y.

Cook St., n s, 150' w Bushwick Ave., four-st'y frame tailor shop, tin roof; cost, \$3,000; owner, D. Stein, 34 Siegel St.; architect, M. Schmalheiser, 63 Cook St.

Cook St., s s, 150' e Morel St., four-st'y frame tailor shop, tin roof; cost, \$3,000; owner, D. Stein, 34 Siegel St.; architect, M. Schmalheiser, 63 Cook St.

Marcy Ave., n w cor. Walton St., three-st'y brick fireproof storage for building patterns, fireproof hollow brick, gravel and felt roof; cost, \$14,000; owner, the North American Iron Works, 88 and 90

(Continued on page 11.)

PARTS ONE AND TWO NOW READY.

In Six Parts, each containing Twenty-two Plates, Eighteen of which are from Photographs specially taken for the Work, and the others from Drawings by the Authors. With Letterpress illustrated by numerous Sketches.

ARCHITECTURE OF THE RENAISSANCE IN ENGLAND:

ILLUSTRATED BY A SERIES OF VIEWS AND DETAILS FROM BUILDINGS ERECTED BETWEEN THE YEARS 1560-1630,
WITH HISTORICAL AND CRITICAL TEXT;

BY

J. ALFRED GOTCH, F. R. I. B. A.

AUTHOR OF "A COMPLETE ACCOUNT OF THE BUILDINGS OF SIR THOMAS TRESHAM."

ASSISTED BY

W. TALBOT BROWN, A. R. I. B. A.

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ALTHOUGH the Architecture of the RENAISSANCE in other countries has during the last few years, received much attention, and been copiously illustrated, but little has been recently attempted towards illustrating the remains of the same period in England; yet the reign of Elizabeth was the time of great building activity, and was marked by a lavish display of magnificence in house building. Many of these buildings, stately, picturesque, and rich in beautiful detail, both inside and out, remain to us to show how problems of design were solved, which in their main conditions, come up for solution in the present day. It is these essentially English Buildings which the present work will portray. Hardwick Hall, Hatfield, Kirby, Burghley, Cobham, Blickling, are a few among the large and well-known houses; while Ragdale, Hambleton, Conover, Brereton, Lilford, Longford, and many others, though not so famous, are no less interesting as examples of the style. The buildings selected are typical examples, chosen from the best that are available, and they range from Lancashire and Yorkshire in the North, to Devon and Kent in the South: stone, brick, and timber-built structures being all represented.

The photographic plates will comprise general views of the buildings, both exterior and interior, with special features to a larger scale; and although taken mainly from Domestic work, there will be a few notable monuments from Churches as well as woodwork from the same sources. In addition to the photographic plates there will be given twenty sheets of measured details, reproduced by photo-lithography from drawings specially prepared for the work, comprising some of the features given in the views as well as many others not suitable for photographic illustration.

The Text will be interspersed with about a hundred small sketches of other interesting features such as balustrades, dormer windows, corbels, groining bosses, carved panels, staircases, glazing, etc., etc., as well as some plans of buildings, and profiles of the principal mouldings. By this means it is hoped to make the work far more useful than it would be were it merely a collection of general views, and to render it not only a valuable study-book for the Architect, but of great interest to all who take pleasure in the remains of the richest period of Domestic Architecture which England has witnessed.

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Chicago, Ill. — N. Chenoweth, foundry, 1229-1249 Fillmore St.; cost, \$7,000.

Charles Rolandson, 2 two-st'y shops and dwells., 775-777 Dania Ave.; cost, \$4,000.

J. W. Berry, three-st'y lodging house, Sixtieth St. near School St.; cost, \$5,000.

Fossetti Brewing Co., one-st'y elevator, Fortieth St., near Wright St.; cost, \$5,000.

Detroit, Mich. — Huyett & Smith Manufacturing Co., two-st'y brick manufactory, 1406 Russell St.; cost, \$10,000.

Leakle & Gouldin, two-st'y frame manufactory, 1462 Hastings St.; cost, \$4,000.

Henry Carew & Co., brick boiler house, 26 Orleans St.; cost, \$4,000.

New York, N. Y. — West Fortieth St., Nos. 113-119, five-st'y brick club house, mansard, hard burnt tile roof; cost, \$200,000; owner, Alfred Corning Clark, 7 West Twenty-second St.; architect, Robert H. Robinson, 121 East Twenty-third St.

Philadelphia, Pa. — Marshal St., n Cambria St., one-st'y slaughter house; owner, Charles H. Bush.

Twentieth St., w s s Wharton St., two-st'y car house and smith shop; owners, Philadelphia Traction Co.; contractors, Samuel Hart & Son.

Broad St., n w cor. Federal St., two-st'y gymnasium; tenant, Eugene Underhill.

Upland St., n s s, w Ann St., slaughter house; owner, John H. Gessner.

Wood St., n s s, e Levering St., one-st'y shop; owner, James McHugh.

Willowgrove Ave. and Main St., two-st'y shop and stable; owner, John Ferguson.

Worcester, Mass. — Shrewsbury St., one-st'y frame car house; owners, Worcester Consolidated Street Railroad Co.; contractor, C. A. Vaughn.

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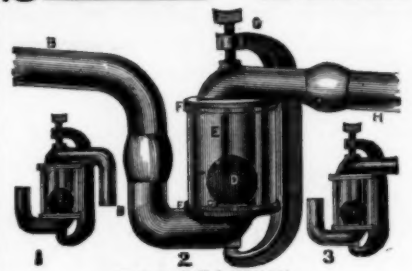
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Architects are invited to present preliminary sketches for a proposed Building for the War Library and Museum, to be located in Philadelphia. The building should offer accommodations for the Commandery of the State and the Commandery-in-Chief, Meeting, Banquet Halls and space for Library and Museum. Sketches must include at least two plans, and a perspective view, showing the front and one side of the building, and plotted at the scale of 1" to the foot or more, must be rendered in black and white only, pencil or ink, no color. A nominal remuneration is offered to those competing. For the first choice, \$100; for the second choice, \$75; for the third choice, \$50. A written description may accompany each sketch, but there must be no name of competitor on them, only a mark or design for recognition. Those accepted to be the unreserved property of the Board of Governors, others to be returned, on application and proof of ownership.

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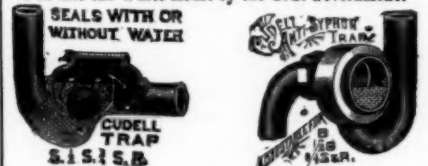
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PROPOSALS.

September 7, 1891. 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 October, 1891, for all the labor and materials required for the erection and completion (except heating apparatus) of the United States Post-Office Building at Hoboken, N. J., 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 Hoboken, N. J. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of proposal. 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 (except Heating Apparatus) of the United States Post-Office Building at Hoboken, N. J.," and addressed to W. J. EDBROOKE, Supervising Architect. 821

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 October, 1891, for all the labor and materials required, and fixing in place complete, the low-pressure, return-circulation, steam-heating and ventilating apparatus, power boiler, pump, etc., in the United States Custom-house, etc., building at Galveston, 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 Galveston, Texas. Bids will also be considered for any other system of heating and ventilating in lieu of the above, and parties proposing to supply such must submit with their proposal plans and full specification for same. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. 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 and meaning of this invitation, or for any heating and ventilating apparatus not satisfactory to this Department. Proposals must be enclosed in envelopes sealed and marked, "Proposal for the Low-pressure, Return-circulation, Steam-heating and Ventilating Apparatus (or otherwise, as the case may be), for the United States Custom-house, etc., building at Galveston, Texas," and addressed to W. J. EDBROOKE, Supervising Architect. 821

COMPETITION.

8, 1891, at which time they should be sent plainly addressed to the undersigned, at this office.
821 SYLVESTER BONAFFON, Jr.,
Chairman Building Committee.

PROPOSALS.

ELEVATORS.
[At San Antonio, Texas.]
Sealed proposals will be received at the office of the undersigned until 12 o'clock, noon, Saturday, September 19, 1891, for the hydraulic elevators for the Alamo Fire Insurance Company's new block, at San Antonio, Texas. RIELY GORDON, Architect, 7-15 Smith Block, San Antonio, Texas. 821

September 9, 1891. 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 October, 1891, for all the labor and materials required for putting in place complete the low-pressure, return-circulation, steam-heating and ventilating apparatus for the United States Post-Office Building at Kalamazoo, Mich., in accordance with drawings and specification, copies of which may be had at this office or the office of the Superintendent at Kalamazoo, Mich. Bids will also be considered for any other system of heating and ventilating in lieu of the above, and parties proposing to supply such must submit with their proposal plans and full specification for same. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. 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 and meaning of this invitation or upon any heating and ventilating apparatus not satisfactory to this Department. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Low-Pressure, Return-Circulation, Steam-Heating and Ventilating Apparatus (or otherwise as the case may be) for the United States Post-Office Building at Kalamazoo, Mich.," and addressed to W. J. EDBROOKE, Supervising Architect. 821

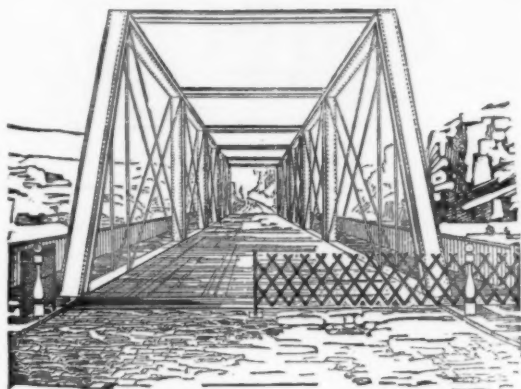
September 7, 1891. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 9th day of October, 1891, for all the labor and materials required for the excavation, concrete foundations, stone and brick work, iron and wood floor and roof construction, roof covering, etc., of the United States Post-Office Building at Jackson, Mich., 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 Jackson, Mich. Each proposal must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. 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 Excavation, Concrete Foundations, Stone and Brick Work, Iron and Wood Floor and Roof Construction, Roof Covering, etc., for the United States Post-Office Building at Jackson, Mich.," and addressed to W. J. EDBROOKE, Supervising Architect. 821

SOME OF THE SPECIALTIES

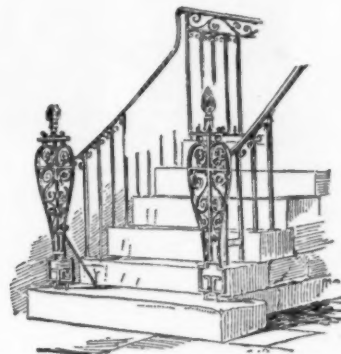
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WILLIAM R. PITT COMPOSITE IRON WORKS

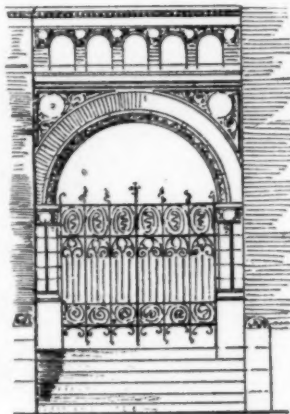
83 READE STREET, NEW YORK.



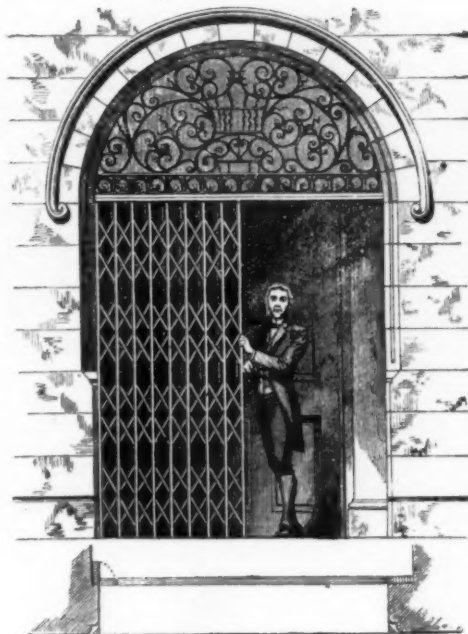
No. 50. Large Security Gate for Drawbridge.



No. 169. Fine Wrought-iron Stoop Railings and Newels.



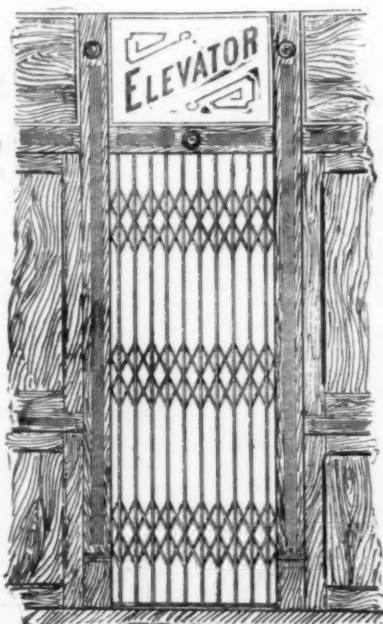
No. 171. Fine Wrought-iron Gates.



No. 7. "Bostwick" Patent Folding Gate for Front Entrance Guard.



No. 156. Fine Grille of Wrought Iron.



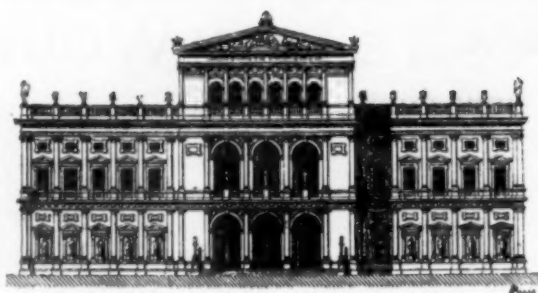
No. 28. "Bostwick" Patent Folding Elevator Guard.



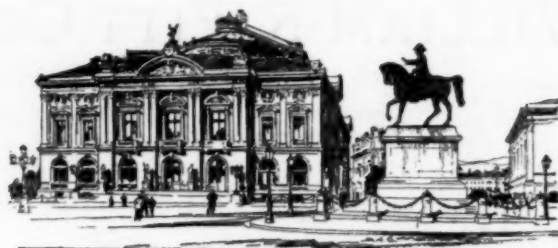
No. 23. Patent Steel Folding Gate.

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The Conservatoire de Musique, Geneva, Switzerland.



The Hofburg Theater, Vienna, Austria. Semper, Architect.



Rear of the above.

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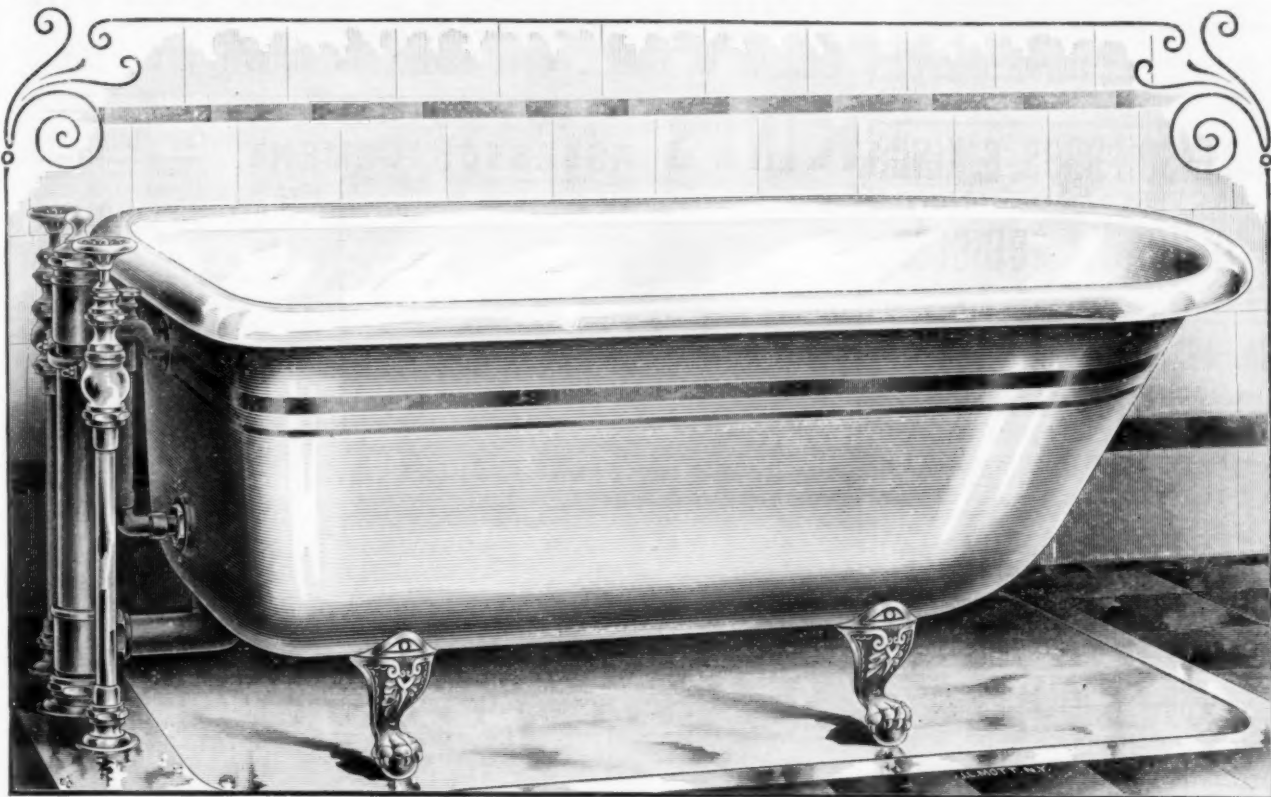


PLATE 957-G. Copyright, 1891, by THE J. L. MOTT IRON WORKS.

THE "VICTORIAN" PORCELAIN-LINED ROLL-RIM BATH.

With Supply Fittings, Pipes to Floor, and Patent "Unique" Waste. The Bath as shown is decorated outside Ivory with Gold Lines; it can also be decorated with Pond Lilies, or any other design to order.

[See Alphabetical Index on page IX for Pagination.]

Classified Advertisements.

[Advertisers can be indexed only under a single head free of charge].

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| Annunciators.
W. R. Ostrander & Co., New York..... | Cement. (Continued.)
Johns & Wiscen, New York..... | Fireproof Curtains.
Wilkes-Barre Iron Works, Wilkes-Barre Pa. | Iron-Work (Architecturally.) (Continued.)
Jackson Architectural Iron Works, N. Y..... |
| Architect's Materials.
A. S. Alce & Co., St. Louis, Mo..... (mon) | J. B. King & Co., New York..... | Fireproof Lathing.
Hayes Metallic Lathing, New York..... | Meeker & Bro., St. Louis, Mo..... |
| Artificial Limbs.
Frost & Adams, Boston..... (eow) | E. Thiele, New York, N. Y..... | Floors (Hardwood).
Wood Mosaic Co., Rochester, N. Y..... (eow) | Passaic Rolling Mill Co., Paterson, N. J..... |
| Artificial Stone.
A. A. Marks, New York, N. Y..... (mon) | Chair-Seating.
Harwood Manufacturing Co., Boston..... | Floors (Inlaid).
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| Asbestos Felt & Boiler Coverings.
Wehn Pavement Co., New York, N. Y..... (eow) | Chimney Tops.
H. M. Hansen, Chicago, Ill..... (mon) | Force Pump.
Wm. Howell Co., Cincinnati, O..... (eow) | Joist Hanger.
Duplex Hanger Co., Cleveland, O..... |
| Asbestos Paint.
H. W. Johns Mfg Co., New York..... | Chrome Steel.
Chrome Steel Works, Brooklyn, N. Y..... (eow) | Furniture.
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Tirrell Gas-Machine Co., New York..... | Linerata-Walton.
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| Basin Cocks.
Stebbins Mfg. Co., Brighton, Mass..... (eow) | Contracting.
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Samson Cordage Works, Boston..... (eow) | Grates, etc.
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| Bells.
Blake Bell Co., Boston, Mass..... | Cornices (Galvanized-Iron).
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Bostwick Metal Lath Co., New York, N. Y..... |
| Board Measure Table.
C. L. Rogers, Milton, Pa..... | Door Hangers.
J. Handley, New York, N. Y..... | Heating and Ventilating.
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Heliotype Printing Co., Boston..... | Mineral Wool.
Pittsburgh Mineral Wool Co., Pittsburgh, Pa..... |
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Hinges, etc., Springfield, Mass..... | Moorish Fret Work.
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| Brick (Colored).
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Sims Mfg. Co., Newark, O..... (mon) | Hot-Water Heating.
Detroit Heating and Lighting Co., Detroit, Mich..... | Mortar Colors.
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Burns, Russell & Co., Baltimore, Md..... | Elevators, etc.
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Howard Fleming, New York..... (eow) | Elevator Engine.
Crane Elevator Co., Chicago, Ill..... | Insulated Wire.
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J. W. Devos & Co., New York..... (eow) | Oil Finish.
Berry Bros., Detroit, Mich..... (eow) |
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J. B. Shannon & Sons, Philadelphia..... (mon) | Engines (Gas).
Henry Engine Co., New York..... | Patent Lawyers.
H. H. Cradle & Co., Washington, D. C..... (eow) | Paints.
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Rider Engine Co., New York..... | Photographs.
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Bower-Barff Rustless Iron Co., New York..... |
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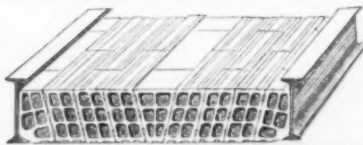
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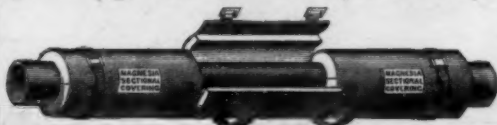
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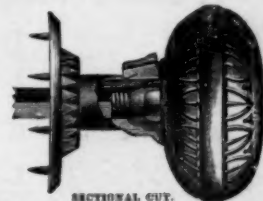
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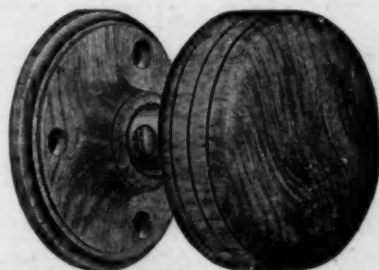


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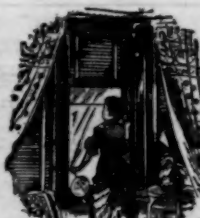
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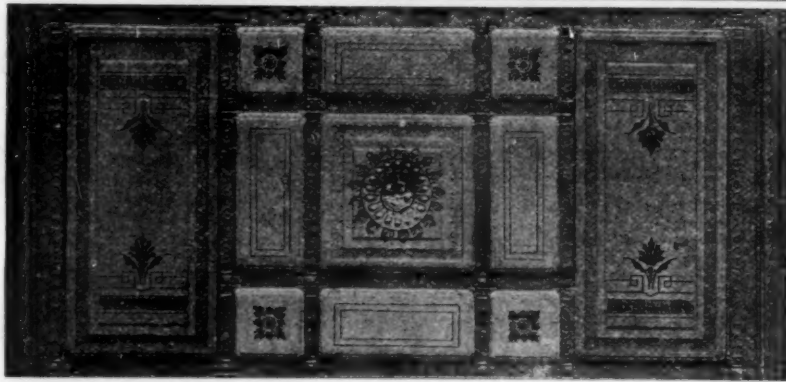
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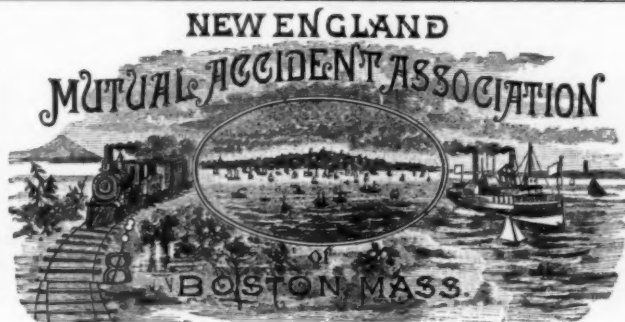
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Up River.....	4 00 @ 5 00	8 00 @ 9 00		Sq. " @ 9 00
Haverstraw Bay 2d.....	4 75 @ 5 00	Domestic Com.	Indiana Pressed	Light Stretchers
" 1st.....	5 00 @ 5 25	9 50 @ 10 00	14 00 @ 20 00	@ 10 00
Hollow.....	@ 13 00	Domestic Face	St. Louis Fronts	Medium " @ 12 00
Fronts:		20 00 @ 22 00	@ 27 00	Red " @ 13 00
Croton, Brown.....	@ 13 00	Philadelphia {		Dark " @ 13 00
" dark.....	@ 14 00	40 00 @ 45 00		Pressed " @ 13 00
" red.....	@ 14 00	Phila. mould {		Best Paving " @ 14 00
Chicago pressed (Anderson).....		50 00 @ 60 00		Second " @ 13 00
" Moulded.....				Third " @ 12 00
Baltimore.....	37 00 @ 41 00	Anderson	15 00 @ 27 00	
Philadelphia.....	23 00 @ 24 00	14 00 @ 32 00	65 00 @ 350 00	
Milwaukee.....	22 00 @ 23 00		@ 55 00	
Moulded:			45 00 @ 50 00	
Glens Falls Red Pressed.....	@ 37 00		25 00 @	
" Buff.....	@ 30 00		60 00 @ 100 00	
" Moulded Red & Buff	45 00 @ 70 00		30 @	
Enamelled: Imp.			35 @	
Enamelled (edge).....	85 00 @ 100 00		55 00 @ 65 00	
Enamelled (edge and end).....	90 00 @ 115 00			
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Rosendale Cement.....	90 @ 1 00	1 20 @ 1 40	Not sold.	1 30 @ 1 50
Louisville.....		Brooks, S. & Co.	1 05 @ 1 30	BS&Co 2 75 @ 3 00
Utica, Akron, Buffalo, Milw'kee,		2 60 @ 3 00	1 00 @ 1 25	2 85 @ 3 25
Portland, English (Gibbs).....	Not sold.	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
" Black Cross.....	2 25 @ 2 50	2 60 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" (Burnham).....	2 10 @ 2 80	2 60 @ 3 00	2 90 @ 3 15	2 75 @ 2 85
" (White's).....	2 65 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	
" French (Lafarge).....	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	
" German (Aisen).....	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	
" (Fewer).....	2 25 @ 2 40	3 15 @ 3 35	3 20 @ 3 40	
" (Vorwöhler).....	2 50 @ 2 90		@	
" (Lagerdofer).....	@	Cleopatra		
" (Dyckerhoff).....	2 90 @ 3 25	2 55 @ 3 00	2 75 @ 3 00	
" (Hanover).....	2 50 @ 3 00	3 00 @ 3 50	3 25 @ 3 50	
" Stettin (Anchor).....	2 35 @ 2 85		Not sold.	
" American (Saylor's).....	2 15 @ 2 45	2 15 @ 2 50	Not sold.	
Roman.....	2 75 @ 3 00	@ 3 00	2 75 @ 3 00	
Keene's coarse.....	5 75 @ 6 50	@ 6 00	2 75 @ 3 25	
" superfine.....	9 25 @ 10 25	@ 11 50	6 00 @ 7 00	
Lime:			9 00 @ 10 50	
Lime of Teil.....	3 50 @ 4 00			
Hydraulic Lime.....	@ 1 45	@ 1 35	Not sold.	
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Wisconsin Lime.....	@ 1 00	@ 1 05	60 @	25 @ 30
Rockland and Rockport, (Com.).....	@ 1 00	@ 1 10	Not sold.	{ White Mash
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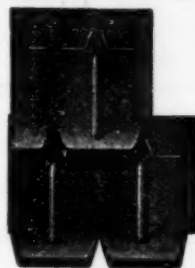


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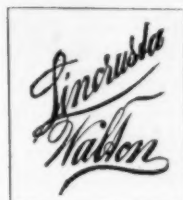
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Rubble.		1 25 @ 1 50		
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Planed.	50 @ 6 00	@ 75	50 @ 1 00	37 @ 50
Sandstone:				
Longmeadow.	@ 80	80 @ 90		
Kibbe.	@ 90	90 @ 1 10		
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Berea Ohio.	75 @ 1 00	85 @ 90	45 @ 55	
Berlin.	75 @ 1 00	80 @ 90	55 @ 65	55 @ 1 00
Belleville.	80 @ 1 25	1 25 @ 1 35	@ 1 25	
New Brunswick (Dorchester).	@ 1 00	75 @ 90		1 10 @ 1 00
Caen.	@	@ 2 00		1 00 @ 1 00
Carlisle, English.	@ 1 05	@ 1 05		1 25 @ 1 00
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Sienna.	@	@	Not Sold.	@ 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 00	2 25 @ 3 00
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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.	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
black, Lehigh.	4 25 @ 4 75		6 25 @ 6 85	1 25 @ 4 00
Chapmans.			7 30 @ 8 00	@ 4 65
Unfading black, Monson, Me.	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am. P M.	@	@	Not Sold.	@ 25 00
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PAINTS. (In Oil P lb.)				
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zinc.	5 @ 8	@ 8	7 @ 10 1/2	@ 7
Red lead, Am.	6 1/2 @ 7	7 1/2 @ 7 1/2	6 1/2 @ 7	@ 7 1/2
Venetian.	6 @ 10 1/2	7 @ 12	1 1/2 @ 2	@ 7
Vermillion.	65 @ 70	75 @ 80 dry	65 @ 68	@ 76
Indian, Eng.	12 @ 20	12 @ 20	12 @ 20	@ 7
Yellow Ochre.	6 @ 15	7 @ 12	3 @ 15	@ 1 1/2
Chrome.	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome).	8 @ 13	8 @ 20	8 @ 20	@ 21
Green, Paris.	25 @ 40	25 @ 40	18 @ 35	@ 15
Black, lamp.	13 @ 25	15 @ 25	8 @ 30	@ 20
Blue, ultramarine.	12 @ 18	12 @ 30	12 @ 35	@ 8
Oil, linseed, (raw).	55 @ 65	40 @ 41	57 @ 60	@ 10
boiled.	55 @ 65	43 @ 44	60 @ 63	@ 12
Turpentine.	36 @ 37	42 @ 43	51 @ 51 1/2	@ 63
Varnish, coach.		1 50 @ 6 00	1 25 @ 2 00	@ 44
Shellac.		2 50 @ 3 00	2 25 @ 4 00	125 @ 3 00
Putty.	2 @ 4	2 @ 4	2 @ 2 1/2	150 @ 3 00
Whiting.	75 @ 1 00	1 @ 1 1/2	1 @ 1 1/2	2 @ 2 1/2
Paris white, (Eng.).	1 30 @ 2 00	2 @ 3	1 1/2 @ 2	@ 1
Litharge, Am.	5 1/2 @ 6	7 1/2 @ 7 1/2	6 1/2 @ 7	1 1/2 @ 2
Sienna (burnt).	14 @ 20	14 @ 20	4 @ 16	@ 7 1/2
Umber.	14 @ 20	14 @ 20	2 @ 10	4 @ 14
HARDWARE.				
Nails: (Per Cask.) Spikes, (wrought.)	@ 2 85	@	2 75 @ 3 00	per keg @ 2 25
101. common.	@ 2 60	@ 2 40	@ 2 35	@ 2 30
Shingle.	@ 3 35	@ 2 50	@ 2 75	@ 2 60
Lath.	@ 4 85	@ 3 40	@ 3 65	@ 4 75
(Finishing nails according to size.)	@	@	Add .85 to \$1.15	per lb. 4 @ 6
(For casing nails add 75 c. per keg.)	@	@	50 to .50	Add per sack 2 90 (all kinds.)
Butts: 4" x 4" (P doz. pairs.)				@ 90
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Japanned.	@ 1 50	@ 1 75	Not Sold.	1 35 @ 2 75
Acorn, Japanned.	@ 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
Brass (for cupboards.)	@ 10	@ 10	@ 12	@ 35
Ebony.	@	@	@	37 @ 1 00
Apple wood.	@	@	@	@ 98
Knobs: (P set.)				Not Sold.
Mineral, best.	@ 8	@ 8	8 @ 10	25 @ 50
Lava.	@ 50	@ 75	65 @ 80	@ 25
Hemacite.	Not Sold.	17 @ 33	31 @ 40	100 @ 2 50
Porcelain.	@ 30	@ 10	25 @ 30	1 75 @ 2 00
Glass, solid.	Not Sold.	@ 50	Not Sold.	50 @ 3 50
Glass, silvered.	Not Sold.	88 @ 1 00	@ 1 50	75 @ 1 25
Bronze metal.	75 @ 2 00	50 @ 3 00	50 @ 3 00	13 1/2 @ 16
Brass.	1 00 @ 2 50	50 @ 3 00	1 00 @ 3 00	@ 6 1/2
Solder:				6 @ 6
Sheet Lead.	@	@ 7 1/2	@ 7	
Lead Pipe.	@	@ 7	@ 6 1/2	
Iron:				
I-Beams, up to and including 26 ft.	3 3-10 @ 3 1/2	@ 3 1-10	@	@ 2 8-10
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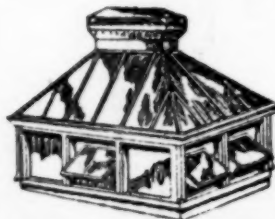
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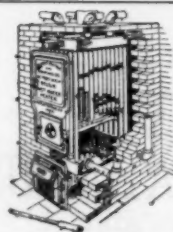
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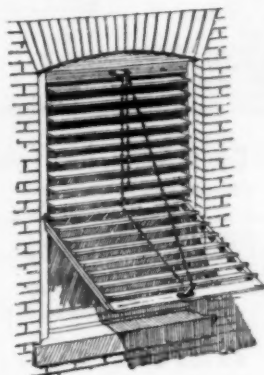
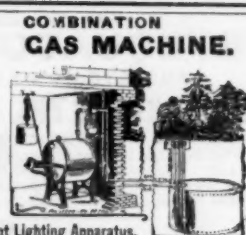
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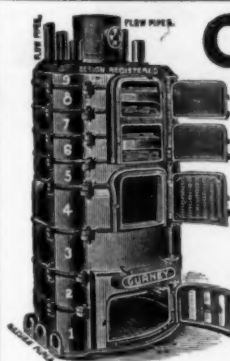
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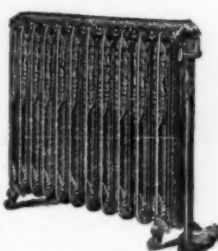
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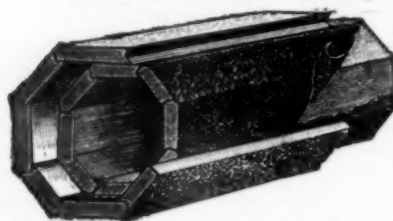
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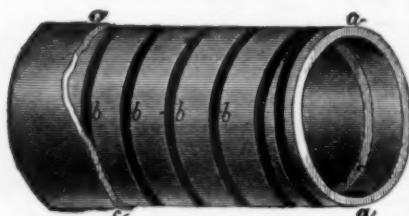
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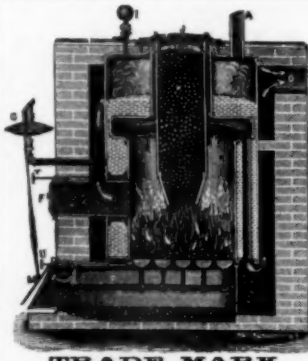
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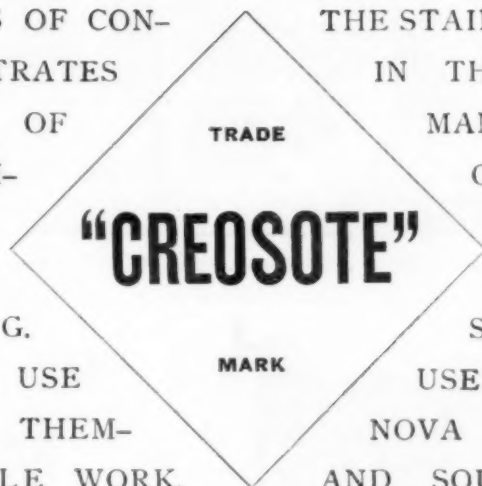
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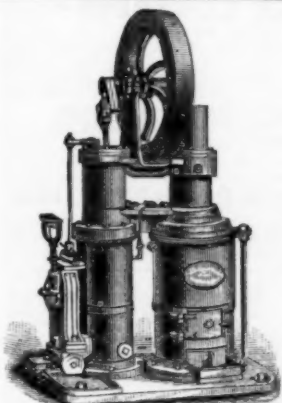
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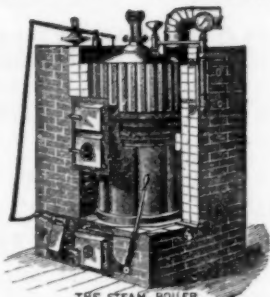
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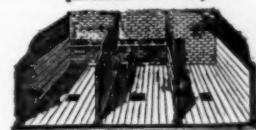
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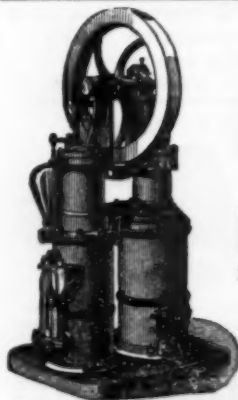
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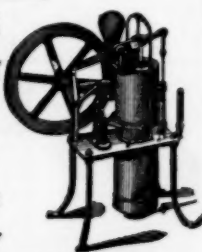
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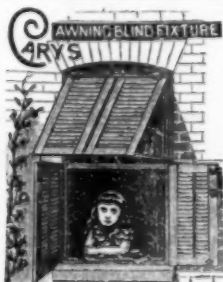
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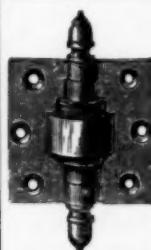
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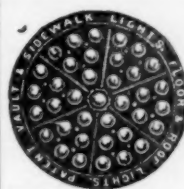
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Avenue.

New Advertisements.

WALDO BROS. (Boston, Mass.), Bricks, etc. Page xxiv.
GLOBE COMPANY (Cincinnati, O.), Mailing Envelopes. Page xv.
JOHN H. PRAY, SONS & CO. (Boston, Mass.), Upholstery. Page xv.

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POSITION.—Educated draughtsman, five years' experience, competent to take charge of cottage and residence work, wants situation with good architect. Address A. Lecroix, 126 Van Sielen Ave., Brooklyn, N. Y. 824

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459,395. COMBINED STEAM AND HOT-AIR HEATER.—Wm. H. Denslow, Ulster, Pa.

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459,452. ELEVATOR-SIGNAL.—Fred Andrews and Raymond H. Day, Minneapolis, Minn.
459,473. EAVES-THROUGH.—William Lennie and William Lennie, Jr., Owensborough, Ky.
459,494. FIRE-ESCAPE.—George C. Foote, Warsaw, N. Y.
459,512. SHUTTER-FASTENER.—Anson P. Merrill, Fall River, Mass.
459,519. COMPASSES.—Joseph V. Collins, Oxford, Ohio.
459,538. STEAM-GENERATOR.—Darwin Almy, Providence, R. I.
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The following advertisements are omitted in this issue in favor of the Classified Index.

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459,505. BLIND-STOP.—Augustus P. Smith, Rock Falls, Ill.
459,615. ANNUNCIATOR.—Foster Ritchie, Highland Park.
459,625. METAL LATHING.—Walter W. Bostwick, New York, N. Y.
459,662. WATER-HEATING ATTACHMENT FOR RANGES.—Henry C. Steinboff, Union, N. J.
459,675. FURNACE.—William L. Carter, Cedar Falls, Iowa.
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459,679. SLIDING GAGE FOR STONE-CUTTERS' USE.—David J. Doane, Vinland Haven, Me.
459,695. ELEVATOR MECHANISM.—Roscoe H. Aldrich, Seneca Falls, N. Y.
459,702. HINGE.—Charles A. Forsberg, Rockford, Ill.
459,728. VALVE FOR STEAM AND BASIN COCKS.—Fred F. Werner, Chicago, Ill.

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From Bremen.—Steamer “Elbe,” 1,160 casks Portland cement, Baetjer & Meyerstein.

From Bristol.—Steamer “Exeter City,” 2,000 boxes bricks, Hamill & Gillespie; 8 cases fire-cement, W. Slack & Sons.

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From Glasgow. — Steamer "Furnessia," 3 blocks freestone, G. P. Sherwood. Steamer "Assyrian," 18 cases granite, Austin, Baldwin & Co.; 71 do., W. C. Townsend; 10,000 fire-bricks, 6 casks bricks, order.

From Hamburg. — Steamer "Gellert," 560 casks cement, Gabriel & Schall; 840 do., E. Thiele. Steamer "Gothia," 560 barrels Portland cement, Nevada Bank of San Francisco. Steamer "Danica," 1,400 casks cement, E. Thiele.

From Liverpool. — Steamer "Runie," 6 boxes rough stone, J. Keegan. Steamer "City of Belfast," 574 packages bricks, Howard Fleming. Steamer "Italy," 1,000 boxes bath-bricks, R. Crooks & Co.

From London. — Steamer "Richmond Hill," 900 casks cement, O. J. Stevens; 500 do., Bank of British North America; 500 do., Marcial & Co.; 500 do., E. Thiele; 500 do., order. Steamer "Canada," 500 casks cement, E. Thiele; 900 do., Chas. J. Stevens; 3,100 do., 500 barrels cement, order.

From Marseilles and Naples. — Steamer "Cheribon," 500 barrels cement, James Brand.

From Newcastle-on-Tyne. — Steamer "Critic," 1,400 casks Portland cement, order.

From Rotterdam. — Steamer "Werkendam," 1,000 casks cement, E. Thiele; 2,000 do., order.

From St. Jago. — Steamer "Cienfuegos," 32 logs mahogany, J. T. Williams & Co.; 113 do., W. Hawes.

From Trinidad. — Bark "Auburndale," 840 tons crude asphalt, Brown Bros. & Co.

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From Windsor, N. S. — Schooner "Phenix," 700 tons cask plaster, H. H. Wotherspoon. Schooner "Vette Shaw," 475 tons lump, H. H. Wotherspoon. Schooner "Gypsum King," 1,140 tons lump-plaster, J. F. Whitney & Co. Schooner "Wentworth," 600 tons plaster, J. F. Whitney & 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. — Washington St., No. 263, alterations to brick building for the Silver Grill; builder, Benjamin F. Colecord; architects, Joseph R. and Wm. P. Richards.

Brooklyn, N. Y. — Fort Green Pl., No. 169, three-st'y

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brick dwell., tin roof, two-st'y brick extension, gravel and tin roof, internal and other alterations; cost, \$4,500; owners, J. P. and M. Scanlon, 613 West Fortieth St., New York; architect, J. G. Glover, 186 Remsen St.

Chicago, Ill. — Mrs. Mary Nodine, three-st'y addition, 1210 Wabash Ave.; cost, \$8,000.

Philadelphia, Pa. — North St., No. 671, addition; owner, Nathan Welsh.

Chestnut St., No. 1224, alterations; contractor, Rowland Smedley.

South Broad St., No. 217, addition; contractor, Robert W. Strode.

McKean St., No. 439, addition; contractor, George W. Crozier.

Park Ave., No. 2047, addition; contractor, Joseph R. Brown.

Passayunk Ave., No. 749, addition; contractor, J. P. Kidd.

BUILDING INTELLIGENCE.

Spring Garden St., No. 2103, alteration; contractors, Rush J. Whiteside & Sons.

Germantown Ave., No. 2645, addition; contractors, Bittling & Anthony.

Callowhill St., No. 2122, addition; contractors, M. T. Stevenson & Bro.

Paxon St. and Lancaster Ave., two additions; contractors, Wolf & Corriston.

South Second St., No. 1414, alteration; contractor, Charles Weed.

Tuckawanna St., n.e. cor. Gillingham St., alterations; contractor, E. Tyler Swope.

North Sixth St., No. 6513, addition; contractor, R. J. Kirby.

Meirose and Tucker Sts., addition; contractor, J. S. Taylor.

Tacony and Tucker Sts., alteration; contractor, J. S. Taylor.

Clinton and Baker Sts., addition; contractors, McLaughlin & McNamara.

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BUILDING INTELLIGENCE.

Vine St., No. 1517, addition; contractors, L. Snyder & Sons.
Broad St. and *Germantown Ave.*, addition; contractor, D. M. Collamer.
Woodstock St., Nos. 1818-27, five front alterations; contractors, Victoria & Ellis.
Camac St. and *Columbia Ave.*, alteration; contractor, Sylvester Credland.
North Thirtieth St., No. 1604, addition; contractor, Sylvester Credland.
Richmond St., Nos. 4648-50, addition; contractors, Kolliver Bros.
Wayne St., s. s. bet. School St. and Chelton Ave., addition; contractor, George Hearst.
Walnut St., No. 1503, addition; contractors, Robert D. Murray & Sons.
Nineteenth and Federal Sts., addition; contractors, Robert & Alex. Wilson, Jr.
North Sixth St., No. 873, addition; contractor, John F. Greene.
Reed St., No. 330, alteration and addition; contractor, J. H. Heiser.
West Girard Ave., No. 7, addition; contractor, Eugene Schmidt, Jr.
Tasker St., No. 1413, addition; contractor, J. H. Hamilton.
East Hope St., No. 2017, alteration; owner, C. Mc Ardle.
Mervine St., No. 1448, alteration; owner, Wm. Kutz.
Centre St., No. 172, addition; contractor, J. McDewitt.
Fifth St., s. e. cor. Borden St., addition; owner, Caroline Steplough.
Paul St., No. 4232, addition; contractor, L. Castor.
North Front St., No. 2061, addition; contractor, W. E. Buckley.
Haverford Ave., No. 3708, addition; owner, Abraham Strott.
Susquehanna Ave., No. 1512, addition; contractor, S. D. Fennimore.
South Seventh St., No. 924, addition; owner, G. Raggio.
Shura Lane and *Cresson St.*, addition; owner, John Hunter.
Montgomery Ave., s. w. cor. Third St., addition; contractor, D. C. Schuler.
Franklin St., s. e. cor. Huntingdon St., alteration; contractor, D. C. Schuler.
Second and Edward Sts., alterations; contractor, L. R. Elliott.
North Seventeenth St., No. 1515, addition; owner, Fred H. Henry.
North Nineteenth St., No. 1204, addition; contractor, F. N. Forsyth.
Howard St., No. 2827, addition; contractor, George Kessler.
Wood St., No. 629, alterations; contractor, Thos. Rice.
Spring Garden St., No. 1921, addition; contractor, E. D. Marshall, Jr.

BUILDING INTELLIGENCE.

Montgomery Ave., n. w. cor. Warder St., changing three dwells. into a stable; contractor, Joseph McNutt.
PROVIDENCE, R. I.—*High St.*, No. 275, alterations and additions to frame building; cost, \$3,000; owner, Caleb S. Mann.
Greene St., n. e. cor. Westminster St., three-sty brick addition to frame building; owner, Julia P. Anthony; builder, J. W. Briggs.
APARTMENT-HOUSES.
CHICAGO, ILL.—Henry Helms, four-sty flats, 730 West Twentieth St.; cost, \$6,000.
W. J. Mooney, two-sty flats, 3622 Parnell Ave.; cost, \$3,000.
A. J. Fischer, two-sty flats, 1130 Walnut St.; cost, \$4,000.
Joseph Roth, two-sty flats, 115 Pleasant Pl.; cost, \$3,000.
Petter Wattin, two-sty flats, Eighty-third and Duncan Sts.; cost, \$3,000.
A. Lockman, flats, 110 Davlin St.; cost, \$5,000.
Paul Griffin, three-sty flats, 594 Washburn Ave.; cost, \$3,000.
E. G. E. Jones, three-sty flats, Newport Ave. and Halsted St.; cost, \$4,500.
John Manz, three-sty flats, 639 Sheffield Ave.; cost, \$7,000.
O. J. Svinka, three-sty flats, 411 Root St.; cost, \$3,000.
Paul Golonski, three-sty flats, 622 Rockwell St.; cost, \$3,000.
George Schlecht, two-sty flats, 653 Washtenaw Ave.; cost, \$3,950.
Charles Algrim, three-sty flats, 564 South Kedzie Ave.; cost, \$5,000.
J. A. Barquest, two-sty flats, 5302 Indiana Ave.; cost, \$4,000.
Frank H. Atwood, five-sty flats, 1733 Belmont Ave.; cost, \$6,000.
Walter H. Lune, two-sty flats, 3810 Langley Ave.; cost, \$6,000.
Martin Tomaski, three-sty flats, 557 Noble St.; cost, \$5,000.
O. S. Ford, two-sty flats, 802 West Twenty-second St.; cost, \$3,200.
Andrew Dryzaski, three-sty flats, 623 Dickson St.; cost, \$4,300.
A. A. Chichester, three-sty flats, 463 Bowen Ave.; cost, \$10,000.
J. C. Hayes, three-sty flats, 685 West Monroe St.; cost, \$7,000.
F. C. Leppard, three-sty flats, 3739 Vernon Ave.; cost, \$4,000.
Daniel E. Killips, three-sty flats, 643 Burling St.; cost, \$4,000.
CHURCHES.
CHICAGO, ILL.—Clarkdale Methodist Episcopal Church, Eighty-third Pl. and Murray Ave.; cost, \$4,000.

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FACTORIES.

Philadelphia, Pa.—*Allegheny Ave.*, w. Twenty-first St., one-sty factory; contractor, Arthur Hindle.
Sutherland Ave., s. e. cor. Biggs St., two-sty factory; owners, K. S. Cameron & Son.

HOSPITALS.

Boston, Mass.—*Parker Hill Ave.*, cor. Parker Hill Pl., Ward 22, two-sty frame hospital, hip roof, 49' x 137'; for Women's Charity Club Hospital; also 2 one-sty frame hospital buildings, hip roofs, 32' x 67' and 31' x 39'; for same.

HOUSES.

Arlington, Mass.—Frame dwell.; cost, about \$4,000; owner, E. L. Churchill; contract to be let; architect, J. Merrill Brown, Boston.
Baltimore, Md.—J. F. Kraus, 6 two-sty brick dwells, Marianna St., n. s. e. Pulaski St.; and 6 two-sty brick dwells, Wilhelm St., s. s. e. Pulaski St.
Chas. R. Singewold, three-sty brick dwell., 103 Broadway, s. s.
George W. Dickerson, 3 two-sty brick dwells, East Ave., w. s. beg. n. w. cor. Dillon St.
Boston, Mass.—*Bradley St.*, near Washington St., Ward 24, three-sty frame dwell., pitch roof, 27' x 46.6'; owner, J. P. B. Carlton; builder, D. G. Squires.
Tuttle Ave., Nos. 17 and 38, Ward 24, two frame dwells., 15' x 49' and 22' x 33'; owners, Nellie M. Whittle and Caroline Strobel; builders, Robert Pike and Peter Schneider.
Paritan St., No. 1, rear, Ward 24, frame dwell., 24' x 33'; owner, Mary E. Cefrey; builder, W. E. Porter.
Unnamed st., from Dorchester Ave., near Ashmont St. and near Fuller St., two frame dwells., 25' x 34'; owner and builder, George Babcock.
Blackwell St., near Neponset Ave., Ward 24, two frame dwells., 26' x 29' and 23.6' x 26'; owner, H. B. Blackwell; builders, J. H. Vickery & Son.
Bearse Ave., near Medway St., Ward 24, three-sty frame dwell., flat roof, 32' x 34'; owner, Richard Ashcroft; builder, James Moore.
Dorchester Ave., near Van Winkle St., Ward 24, frame dwell., 29' x 38'; owner and builder, Isaac Scherman.
Unnamed Ct., from Weldon St., near Yale St., Ward 23, frame dwell., 22' x 38'; owner and builder, W. H. Whitcomb.
White St., opp. Bicknell Ave., Ward 24, two-sty frame dwell., hip roof, 35' x 49.6'; owner, I. Austin Bassett; builder, L. G. Squire.
Dix St., near Dorchester St., Ward 24, frame dwell., 23.6' x 37'; owner, Mrs. Mary Kehoe; builder, F. Duffy.
Beale St., cor. Dorchester Ave., Ward 24, frame dwell., 32' x 39'; owner and builder, Frederick Schroeder.
Germant St., near Washington St., Ward 23, frame dwell., 25' x 32'; owner, Henry Timber; builder, James Gaffney.
Pierce Ave., near Adams St., Ward 24, frame dwell., 25' x 41.11'; owner, G. R. Cavanagh; builder, H. M. Wallis.
King St., near Neponset Ave., Ward 24, frame dwell., 22' x 49.6'; owner and builder, Edward Lovejoy.
Mattapan St., near Walk Hill St., Ward 24, frame dwell., 25' x 30'; owner and builder, W. Jones.
Fuller St., near Washington St., Ward 24, frame dwell., 22' x 44.6'; owner and builder, Henry Blanchard.
Bailey St., near Dorchester Ave., Ward 24, frame dwell.; owner and builder, G. M. Callicut.
Shammut Park, near King St., frame dwell., 32' x 39'; owner, C. A. Coffin; builder, H. B. Rankin.
Grace Ave., near Robinson St., Ward 24, frame dwell., 28' x 48'; owner, B. D. McDonald; builder, John Bass.
Rosemont St., near Adams St., Ward 24, frame dwell., 37' x 37'; owner and builder, Henry B. Rankin.
Heath St., near Lawn St., Ward 22, 2 three-sty frame dwells., flat roofs, 22' x 56.6'; owner, W. Jacobs; builders, R. D. Ward & Co.
Homer St., cor. Byron St., Ward 1, frame dwell. and store, 23.6' x 49'; owner, Margaret Foley; builder, Thomas Yeomans.
Armandine St., near Washington St., Ward 24, frame dwell., 23' x 33'; owner, Margaret Conboy; builder, H. J. McNabb.
Bennington St., near Saratoga St., Ward 1, three-sty frame dwell. and store, flat roof, 26' x 46'; owner, Margaret Gould; builder, Perez M. Hayden.
Julian Ave., near Howard Ave., Ward 20, frame dwell., 20' x 42'; owner, Miss Janet Pope; builder, W. G. Pope.
Washington St., cor. Armandine St., Ward 24, one-sty frame dwell., hip roof, 23' x 32'; owner, W. H. Hoston; builder, B. Moses.
Washington St., near Cobden St., Ward 21, three-sty frame dwell., flat roof, 41' x 66.3'; owner, Miss Agnes D. McKay; builder, E. Shapleigh.

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BUILDING INTELLIGENCE.

Washington St., near Cobden St., Ward 21, 2
three-story frame dwell., flat roofs, 21' x 66.3';
owner, Miss Agnes D. McKay; builder, E. Shap-
leigh.

Grainger St., near Elmore St., Ward 21, three-story
frame dwell., flat roof, 23' x 45'; owner, Alfred
Bouge; builder, P. F. Hanlon.

Brookline, Mass. - Frame dwell., 30' x 53'; cost,
about \$5,500; owner, T. B. Ferguson; contract to be
let; architect, J. Merrill Brown, Boston.

Brooklyn, N. Y. - Lafayette Ave., n s, 300' e Sumner
Ave., 4 three-story brick dwell., tin roofs; cost, \$23,-
000; owner, Alex. McKnight, 449 Lafayette Ave.;
architect, S. Harbison, 2 Arlington Pl.

Yates Pl., Nos. 16-18, 2 four-story frame dwell., tin
roofs, cost, \$5,000 each; owner, George Bere, 43 Mc-
Kibbin St.; architect, Hugo Smith, 27 Moore St.

Hargan St., n s, 100' e Central Ave., 2 three-story
frame dwell., tin roofs; cost, \$9,000; owners, Berck-
meier & Hahn, 101 Ralph St.

Hancock St., n s, 250' e Marey Ave., 4 three-story
brick dwell., tin roofs; cost, \$6,000 each; owner,
Wm. H. Reynolds, Hancock St.; architect, J. D. Mc-
Auliffe, 319 Flatbush Ave.

Macon St., n s, 140' e Patchen Ave., 2 three-story
brick dwell., iron roofs; cost, \$5,300 each; owner,
A. L. Beasley, 229 Van Buren St.; architect, F. J.
Lessing, 91 Ralph Ave.

Macon St., n s, 100' e Patchen Ave., 3 two-story
brick dwell., iron roofs; cost, \$4,500 each; owner,
A. L. Beasley, 229 Van Buren St.; architect, F. J.
Lessing, 91 Ralph Ave.

Ashford St., e s, 125' n Arlington Ave., two-and-
one-half-story frame dwell., tin roof; cost, \$3,300;
owner and architect, De Witt C. E. Baisley, 1550
Pacific St.

Lexington Ave., s s, 200' e Nostrand Ave., 4 four-
story brick dwell., gravel roofs; cost, \$11,000; owner
and architect, H. Trowman, 752 Marey Ave.

Huron St., No. 202, three-story frame dwell., felt
and gravel roofs; cost, \$4,500; owner, Timothy Dea-
mond, 198 Huron St.; architect, C. Dunkhase, 44
Manhattan Ave.

Nassau Ave., s s, 50' e Humboldt St., 5 three-story
frame dwell., cement and gravel roofs; cost, \$4,200
each; owner, Andrew E. Walker, 97 Milton St.; ar-
chitect, F. Weber, 211 Manhattan Ave.

Macon St., s s, 20' e Ralph Ave., 2 two-and-one-
half-story brick dwell., tin roofs; cost, \$10,000;
owner and architect, John R. Pitt, 297 Stuyvesant
Ave.

Jefferson Ave., s s, 100' e Nostrand Ave., 4 three-
story brick dwell., tin roofs; cost, \$33,000; owner,
Arthur C. Nason, Hancock St. and Nostrand Ave.;
architect, Montrose W. Morris, 45-47 Exchange Pl.

Macon St., s s, 62' e Ralph Ave., 2 two-story brick
dwell., tin roofs; cost, \$4,600 each; owner and ar-
chitect, John R. Pitt, 297 Stuyvesant Ave.

Jefferson Ave., n s, 80' e Bushwick Ave., three-story
frame dwell., tin roof; cost, \$4,500; owner, Philip
Steingotter, 1354 Bushwick Ave.; architect, Th.
Engelhardt, 905 Broadway.

Stanhope St., No. 88, two-story frame dwell., tin
roof; cost, \$3,600; owner, I. Erhardt, 47 Homer St.;
architect, Theo. J. Beir, 321 Evergreen Ave.

Evergreen Ave., w s, 25' n Hancock St., 3 three-
story frame dwell., tin roofs; cost, \$12,600; owners,
Lehman Bros., 13 Sumner Ave.

Gerry St., w s, 100' e Harrison Ave., 2 four-story
brick dwell., tin roofs; total cost, \$20,000; owners,
H. Metz & Son, 71 Gerry St.; architect, Frank
Holmberg, 1161 Broadway.

Orient Ave., No. 8, two-story frame dwell., gravel
roof; cost, \$3,000; owner, Geo. H. Remsen, 84 Mas-
sach Ave.; architect, F. J. Berlenbach, Jr., 260
Graham Ave.

Linden St., s s, 325' w Central Ave., three-story
frame dwell., tin roof; cost, \$3,500; owner and archi-
tect, R. B. Muller, 37 Cornelia St.

Halsey St., n s, 80' w Central Ave., 10 two-story
frame dwell., tin roofs; cost, \$3,000 each; owners
and architects, L. J. Lippmann & Co., 142 Eldert St.

Stagg St., No. 18, four-story frame dwell., tin roof;
cost, \$4,200; owner, Jacob Nagel, rear of premises;
architect, Henry Vollweiler, 483 Hart St.

BUILDING INTELLIGENCE.

Jefferson St., s s, 200' e Knickerbocker Ave., 2
three-story frame dwell., tin roofs; cost, \$4,800 each;
owners, A. Amann & Son, 1135 Willoughby Ave.;
architects, D. Ackert & Son, 752 Broadway.

Harcourt St., s s, 100' e Hamburg Ave., 2 three-story
frame dwell., tin roofs; cost, \$4,500 each; owner,
John J. Harriman, 18 North Oxford St.; architect,
H. Vollweiler, 483 Hart St.

Morrell St., w s, 50' e Cook St., 2 four-story frame
dwell., tin roofs; cost, \$5,000 each; owner, Theo.
Aubke; architect, H. Vollweiler, 483 Hart St.

Herkimer St., s s, 125' w Attica Ave., four-story
frame dwell., tin roof; cost, \$4,500; owner, Wm. H.
Reynolds, Hancock St.; architect, J. D. McAuliffe,
319 Flatbush Ave.

Halsey St., n s, 120' e Evergreen Ave., 2 two-story
frame dwell., tin roofs; cost, \$2,500; owner, K. E.
Monahan, 52 Stockholm St.

Monitor St., e s, 400' e Norman Ave., three-story
frame dwell., gravel roof; cost, \$3,500; owner, J.
Iverson, 72 Nassau Ave.; architect, F. Weber, 211
Manhattan Ave.

Trautmann St., n s, 167' 11" w Wyckoff Ave.,
two-story frame dwell., tin roof; cost, \$2,500; owner,
Edmund Stein, 34 Wyckoff Ave.; architect, Herman
E. Funk, 11 Varet St.

Buffalo Ave., w s, 18' s Atlantic Ave., 9 two-story
frame dwell., felt and gravel roofs; cost, \$2,500
each; owner, Thomas Denicke, 724 Herkimer St.

Warwick St., w s, 20' n Blake Ave., 2 two-story
frame dwell., tin roofs; cost, \$2,000 each; owner,
Chas. F. Maguire, 157 Liberty Ave.; architect, John
H. Maguire.

Cornelia St., s s, 174' e Central Ave., 10 two-story
frame dwell., tin roofs; cost, \$2,500 each; owners,
Raymond & Dawley, 759 Macon St.; architect, C.
N. Raymond, 759 Macon St.

Bergen St., n s, 250' 10" e Troy Ave., 2 two-story
frame dwell., tin roofs; cost, \$2,500 each; owner,
Alex. Woods, 1479 Bergen St.; architect, W. Ultzen,
612 Herkimer St.

North Tenth St., s s, 175' w Bedford Ave., four-
story frame dwell., tin roof; cost, \$6,400; owner, J.
Fischer, 41 Kent Ave.; architect, A. Herbert, 145
Broadway.

Woodbine St., s s, 24' e Hamburg Ave., 18 two-story
frame dwell., tin roofs; cost, \$3,000 each; owners,
architects and builders, Francisco Bros., 236 Wood-
bine St.

Buffalo, N. Y. - Three-story brick and stone St. Colum-
bus Rectory; tin roof; architect, W. H. Archer.

Chicago, Ill. - Miles O. Moorehouse, two-story dwell.,
6335 Peoria St.; cost, \$3,000.

Frank Schell, two-story dwell., 849 Indiana Ave.;
cost, \$3,000.

A. Mines, two-story dwell., 8 Winthrop Pl.; cost,
\$3,000.

F. B. Clarke, 3 three-story dwell., 153-161 Clinton
Ave.; cost, \$35,000.

J. P. Morrison, three-story dwell., 3911-3915 Grand
Boulevard; cost, \$15,000.

J. Ogden Armour, three-story dwell., 3720-3724
Michigan Ave.; cost, \$20,000.

John A. Leach, three-story dwell. and barn, 562-566
North State St.; cost, \$100,000.

Henry Hafler, three-story dwell., 4633 Michigan
Ave.; cost, \$8,000.

A. W. Sullivan, two-story dwell., 4577 Lake Ave.;
cost, \$5,000.

Fall River, Mass. - Frame dwell., 25' x 50'; cost,
about \$6,500; owner, John J. Highlands; contract
to be let; architect, J. Merrill Brown, Boston.

Philadelphia, Pa. - H St., above Ontario St., 2 three-
story dwell.; contractor, C. D. Hill.

North Twenty-seventh St., No. 1536, three-story
dwell.; contractor, C. D. Hill.

Warnock St., n Indiana Ave., 2 two-story dwell.;
contractor, J. J. Woods.

Indiana Ave., s e cor. Second St., 7 two-story dwell.;
contractor, J. S. Hogan.

Indiana Ave., s e cor. Second St., three-story dwell.;
contractor, J. S. Hogan.

East York St., No. 2042, two-story dwell.; contrac-
tor, Robert Beatty.

BUILDING INTELLIGENCE.

Brown St., No. 124, three-story dwell.; contractor,
William Wilson.

Bruner St., n s, w Wayne Ave., two-story brick
dwell.; contractors, McLaughlin & McNamara.

G St., e s, a Levink St., two-and-one-half-story frame
dwell.; owner, W. S. Gayde.

Fifty-second St., e s, n Columbia Ave., 9 three-story
brick dwell.; contractor, James M. Seabury.

Wolf St., n s, w Fourth St., 23 two-story brick
dwell.; contractor, Robert Killough.

Wolf St., s s, e Fifth St., 38 two-story brick dwell.;
contractor, Alex. Cowan.

Lehigh Ave. and Seppira St., 3 two-story dwell.;
contractor, Joseph Maginn.

Sixth St., n Somerset St., 2 two-story dwell.; con-
tractor, George Mander.

Foulkrod and Large Sts., 2 two-story dwell.; con-
tractor, J. C. Haines.

Pomona Terrace, e Hancock St., 2 three-story
dwell.; contractor, H. H. Buzby.

Dickinson St., w Twentieth St., two-story dwell.;
contractor, George T. Montgomery.

Federal St., e Twenty-fifth St., 4 two-story dwell.;
contractor, W. F. Morris.

Twenty-fourth St., s Carpenter St., two-story dwell.;
contractor, Thomas McCouch.

Lawrence St., n Clearfield St., two-story dwell.;
owner, Louis Miller.

Girard Ave., e Forty-ninth St., 2 two-story dwell.;
contractor, Louis Kirk.

Ackley St., n Cathedral Ave., 2 two-story dwell.;
contractor, Louis Kirk.

Carlisle St., e s, n Susquehanna Ave., three-story
dwell.; owner, W. C. Weekey.

McKean St., s s, e Moyamensing Ave., 15 two-story
dwell.; owner and builder, John J. Cassidy.

York St., w Thirty-first St., 20 two-story dwell.;
builder, W. F. Albrecht.

Renwick St., s Woodland Ave., 7 two-story dwell.;
contractor, George Ross.

Twenty-second St., s Leary St., two-story dwell.;
owner, John Lowther.

Jefferson St., s Mitchell St., two-story dwell.; con-
tractor, W. H. Eddleman.

Twenty-sixth St., n Marold St., 2 two-story dwell.;
owner, Christian Scheldt.

Germanstown and Union Aves., three-story dwell.;
owner, John Hottenstein.

Louis and Rose Sts., two-story dwell.; owner, H.
Cohn.

Ridge Ave. and Scotts Lane, 2 two-story dwell.;
contractor, C. C. Linahan.

William St., e Thompson St., two-story dwell.; con-
tractor, F. Heffling.

Russell St. and Kensington Ave., two-story dwell.;
contractor, John S. Smyth.

Chelton Ave., e Wise St., two-story dwell.; owner,
Henry Allison.

Thirty-first St., e s, n Diamond St., 2 three-story
dwell.; owners and builders, Jas. H. Stevenson &
Son.

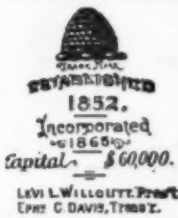
Eighteenth St., n Morris St., 7 three-story dwell.;
owners, Shetzline & Vollmer.

Tenth St., e s, n Dauphin St., 2 three-story dwell.;
contractor, Jacob Wenzelberger.

Square St., No. 217, two-story dwell.; contractor,
George W. Gallagher.

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Thompson and Belgrade Sts., 3 two-st'y dwells.;
contractors, James McCauley & Sons.
East Hale St., No. 17-5, two-st'y dwell.; owner,
Henry Koch.
Willard St., w Emerald St., 3 three-st'y dwells.;
contractors, E. R. Kohl & Bros.
Haworth St. and Frankford Ave., 3 two-st'y
dwells.; contractor, James S. Swope.
Hancock St., w s, s McKean St., 2 two-st'y dwells.;
contractors, Brennan & Bros.
Memphis St., No. 2216, two-st'y dwell.; owner,
Annie Horn.
Wayne St., w School Lane, three-st'y dwell.; con-
tractor, J. D. Caldwell.
Marshall St., w s, s Somerset St., 2 two-st'y brick
and stone dwells.; contractor, John McCloskey.
Lawrence St., w s, s Diamond St., two-st'y brick
dwell.; contractors, Brookhurst & Ewing.
Regur St., n s, near City Line, two-and-one-half-
st'y stone and brick dwell.; contractors, Beatty &
Searing.
Second St. Pike, e s, s Levick St., two-st'y dwell.;
contractor, Samuel Clarke.
Palmetto St., e s, n Levick St., two-st'y brick
dwell.; contractor, Samuel Clarke.
Master St., s s, w Fiftieth St., 4 three-st'y brick
dwells.; contractor, Robert Manley.
York St., e s, e Eleventh St., 3 two-st'y brick
dwells.; contractor, David C. Schuler.
Willow St., n w s, n e Wakelin St., two-st'y brick
dwell.; contractor, Benj. Taylor.
Springfield Ave., n w s, w Forty-sixth St., 6 three-
st'y dwells.; contractors, C. W. Budd & Bros.
Providence, R. I. — Woodbine St., s s, near North
Main St., two-and-one-half-st'y frame dwell.; cost,
\$4,300; owner, Hannah E. Seaman.
Ringgold St., n e cor., two-and-one-half-st'y frame
dwell., French roof; owner, George Duckworth;
builders, Sweet & Winsor.
Whitmarsh St., s s, near Broad St., two-and-one-
half-st'y frame dwell.; cost, \$6,000; owner, Albert
C. Day; builder, Henry W. Goff.
Broad St., e s, near York St., two-st'y frame
dwell.; cost, \$3,000; owner, E. P. Dawley; builder,
C. W. Calder.
St. Louis, Mo. — Two-st'y brick dwell.; cost, \$3,600;
owner, B. C. Schiess; contractor, J. Enger.
Two-st'y brick dwell.; cost, \$10,000; owner and
contractor, H. W. Boone.

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Two-st'y brick dwell.; cost, \$6,000; owner, Charles
McEwing; contractor, E. B. Scott.
Two-st'y brick dwell.; cost, \$2,500; owner and con-
tractor, T. J. Dunaway.
Two-st'y brick dwell.; cost, \$3,000; owner and
contractor, P. H. Callahan.
Two-st'y brick dwell.; cost, \$4,900; owner, Mrs.
R. J. Wilkinson; contractor, A. Krause.
Three-st'y brick dwell.; cost, \$3,700; owner, G.
Schre, Jr.; contractor, J. C. Thoma.
Two-st'y brick dwell.; cost, \$3,000; owners and
contractors, Stewart & Jones.
Two-st'y brick dwell.; cost, \$3,000; owner, B.
Niemann; contractors, Kluthe & Boeke.
Two-st'y brick dwell.; cost, \$7,500; owner, S. J.
Quinlivan; contractors, F. H. Gray & Bros.
Two-st'y frame dwell.; cost, \$3,500; owner, H. L.
McCormack; contractors, C. B. McCormack.
Three adj. two-st'y brick dwells.; cost, \$8,700;
owner, Pat Fogarty; contractor, Edward Paulus.
Weymouth, Mass. — Frame dwell., 30' x 54'; cost,
about \$6,000; owner, H. Baker; contract to be let;
architect, J. Merrill Brown, Boston.
Frame dwell., 31' x 33'; cost, about \$6,000; owner,
Wendell B. Clapp; builders, Heywood Bros.; archi-
tect, J. Merrill Brown, Boston.

OFFICE-BUILDINGS.

Philadelphia, Pa. — Brandywine St., n s, w Broad
St., one-st'y brick office; contractor, Porter Thomp-
son.
Hamilton St., s s, w Sixteenth St., two-st'y brick
office; contractors, J. H. Hathaway & Co.
Arch St., No. 1319, one-st'y office; contractor, Jas.
I. Conly.
Tenth St., s w cor. Washington Ave., one-st'y
office; contractor, John Hutchinson.

SCHOOL-HOUSES.

Boston, Mass. — Cambridge St., near Rutherford
Ave., Ward 4, two-st'y brick schoolhouse, flat roof,
65.8' x 81'; for City of Boston; builders, S. Brennan
& Co.
Tonawanda, N. Y. — District School No. 2, brick
annex; architect, W. H. Archer, Buffalo, N. Y.

STABLES.

Boston, Mass. — Ocean St., rear, cor. Roslin St., Ward

BUILDING INTELLIGENCE.

24, two-st'y frame stable, hip roof, 25' x 44.6'; owner,
Mrs. A. C. Eastman; builders, J. H. Burt & Co.
Fall River, Mass. — Frame stable, 28' x 47'; cost, abt.
\$2,500; owner, S. B. Ashley; architect, J. Merrill
Brown, Boston.
Philadelphia, Pa. — Hamilton St., Nos. 2230-32-34,
stable; contractor, Samuel Jones.
Pearl St., No. 1825, stable; owner, Patrick Maguire.
Brandywine St., n s, w Broad St., four-st'y brick
stable; contractor, Porter Thompson.
Merion Ave., No. 5016, two-st'y stable; contractor,
T. H. Burrows.
East Thompson St., No. 150, two-st'y stable; con-
tractor, F. Heffling.
Germantown Ave., No. 2821, stable; owner, John
Kleught.
Diamond St., s s, w Tenth St., brick stable; owner,
Michael Smith.
Watertown, N. Y. — Frame stable, with coachman's
dwelling, over, 40' x 49'; cost, about \$4,000; owner, J.
B. Taylor; architect, J. Merrill Brown, Boston.

STORES.

Boston, Mass. — Tremont St., No. 138, rear, three-st'y
brick store, flat roof, 47' x 88'; owner, St. Paul's
Church Society; builders, Howard Coon & Co.
Brooklyn, N. Y. — Fifty-seventh St., s w cor. Second
Ave., four-st'y frame store and dwell., tin roof; cost,
\$5,000; owner, Letitia Barber, 243 Forty-eighth St.;
architect, Wm. Barber, 243 Forty-eighth St.
Atlantic Ave., n s, 25' w Georgia Ave., three-st'y
brick store and office building, tin roof; cost, \$15,000;
owner, Jacob W. Erreger, Pennsylvania Ave.; archi-
tect, A. J. Warren, 14 Alabama Ave.
Jefferson St., s s, 150' e Knickerbocker Ave., three-
st'y frame store and dwell., tin roof; cost, \$4,000;
owner, Conrad Reuter, 150 Jefferson St.; architect,
Fred Wunder, 126 Broadway.
Bushwick Ave., n e cor. Jefferson Ave., 5 three-st'y
frame stores and dwells., tin roofs; total cost, \$22,-
000; owner, Philip Steingotter, 1354 Bushwick Ave.;
architect, Th. Engelhardt, 905 Broadway.
Jefferson St., s s, 150' e Knickerbocker Ave., three-
st'y frame store and dwell., tin roof; cost, \$4,000;
owner, Conrad Reuter, 150 Jefferson St.; architect,
Fred Wunder, 126 Broadway.

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BUILDING INTELLIGENCE.

Atlantic Ave., s w cor. Buffalo Ave., three-sty frame store and dwell., gravel roof; cost, \$3,000; owner, Thos. Denicke, 724 Herkimer St.
Seigel St., No. 121, four-sty frame store and dwell., tin roof; cost, \$2,800; owner, S. B. Goodlind, Rochester, N. Y.; architect, Herman E. Funk, 11 Varet St.
Chicago, Ill.—South Side Rapid Transit Company, two-sty stores and waiting-rooms, 76-78 Twelfth St.; cost, \$20,000.
R. Valentine, 2 three-sty stores and flats, 714-716 West Polk St.; cost, \$10,000.
Clifford & Farlin, three-sty store and flats, 8900 Green Bay St.; cost, \$6,000.
P. Murphy, three-sty store and flats, 5488 Lake Ave.; cost, \$4,000.
F. J. Switzer, 3 two-sty stores, flats and barn, 1391 West Madison St.; cost, \$11,500.
St. Louis, Mo.—Three-sty brick store; cost, \$2,500; owner, T. J. Hogan; contractor, J. H. Dunlap.
Two-sty brick store and dwell.; cost, \$8,000; owner and contractor, H. W. Rocklage.
Two-and-one-half-sty brick store and dwell.; cost, \$3,600; owner, C. E. Pflugbell; contractors, Frank & Co.
Two-and-one-half-sty brick store and dwell.; cost, \$8,000; owner, Ang. Meier; contractor, E. G. Remmers.

TENEMENT-HOUSES.

Brooklyn, N. Y.—Norman Ave., s s, 125 e Jewel St., 2 three-sty frame tenements, tin roofs; cost, \$4,500 each; owners, Margaret Beaver and Henry Stubbe, Manhattan Ave., near Dupont St.; architect, P. Tilton, Manhattan Ave.

WAREHOUSES.

Chicago, Ill.—William E. Hoag, six-sty warehouse, 51-53 South May St.; cost, \$30,000.
South Side Express and Storage Co., four-sty storage warehouse, 1523-1525 Wabash Ave.; cost, \$12,000.
Minneapolis, Minn.—Seymour & Hunt, four-sty brick warehouse; cost, \$12,000.

MISCELLANEOUS.

Baltimore, Md.—The North Ave. Railway Co., will build two-sty brick building, n w cor. North Ave. and Barclay St.
Boston, Mass.—Oscego St., Nos. 31-23, Ward 16, four-sty brick storage, flat roof, 40' x 45'; owner, Elizabeth A. Brett; builders, D. Sullivan & Son.
West Brookline St., Shavmut Ave., and extending to Newland St., five-sty brick and stone building, flat roof, 27' x 100'; for the Royal Arcanum; builder, Lyman D. Willcott; architects, Joseph R. and William P. Richards.
Brooklyn, N. Y.—Stockholm St., n s, 75' w Evergreen Ave., brick laundry, tin roof; cost, \$7,000; owners, Little Sisters of the Poor, De Kalb and Bushwick Aves.; architects, Parfitt Bros., 26 Court St.
Varet St., s s, 100' e Ewen St., 3 three-sty frame tailor shops, tin roofs; cost, \$2,500 each; owner, Isaac Horowitz, 185 Ellery St.; architects, D. Acker & Son, 752 Broadway.
Seigel St., No. 80, four-sty frame tailor shop, tin roof; cost, \$3,000; owners, G. Levy & Co., Stockton St.; architects, D. Acker & Son, 752 Broadway.

BUILDING INTELLIGENCE.

Chicago, Ill.—Chicago Gas-light and Coke Company, tank, Cologne St., near Deering St.; cost, \$85,000.
Philadelphia, Pa.—Torresdale, near Convent of Sacred Heart, engine house, tank and cellar; contractor, Thomas Reilly.
Hamilton St., Nos. 1205-7, three-sty wagon and storage house; owner, S. J. Glenn.
Fourth St., n New St., one-sty shop; contractor, Benjamin Walker.
Westmoreland St., n s, w Frankford Ave., brick boiler house; contractors, Dickson Bros.
Eleventh St., e s, n Dakota St., brick shop; owner, Charles W. Weikell.
Broad St., e s, s Fitzwater St., brick blacksmith shop; contractor, Thomas Mecouch.
Eighty-second St., n s, w Eastwick Ave., incubator house; owner, Joseph W. Anderson.
Weymouth, Mass.—Tufts Public Library, public hall and stores, 50' x 80'; cost, abt. \$22,000; builder, Angus McDonald, of Melrose; architect, J. Merrill Brown, Boston.

PROPOSALS.

September 21, 1891. 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 October, 1891, for all the labor and materials required for putting in place complete, the new low-pressure, return circulation, steam-heating and ventilating apparatus for the United States Court-house and Post-office Building at Portland, Me., in accordance with drawings and specification, copies of which may be had at this office or the office of the Custodian of the building at Portland, Me. Each bid must be accompanied by a certified check for a sum not less than two per cent. of the amount of the proposal. 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 and meaning of this invitation. Proposals must be enclosed in envelopes sealed and marked, "Proposal for the New Low-pressure, Return Circulation, Steam-heating and Ventilating Apparatus for the United States Court-house and Post-office Building at Portland, Me.," and addressed to W. J. EDBROOKE, Supervising Architect. 823

September 21, 1891. 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, 1891, for all the labor and materials required for the approaches to the United States Post-Office, etc., building at Dayton, Ohio, in accordance with the drawing and specification, copies of which may be had on application at this office or the office of the Custodian at Dayton, Ohio. Each bid must be accompanied by a certified check for a sum not less than two per cent. of the amount of the proposal. 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., building at Dayton, Ohio," and addressed to W. J. EDBROOKE, Supervising Architect. 822

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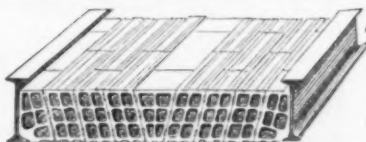
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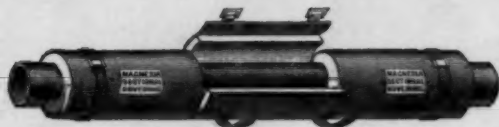
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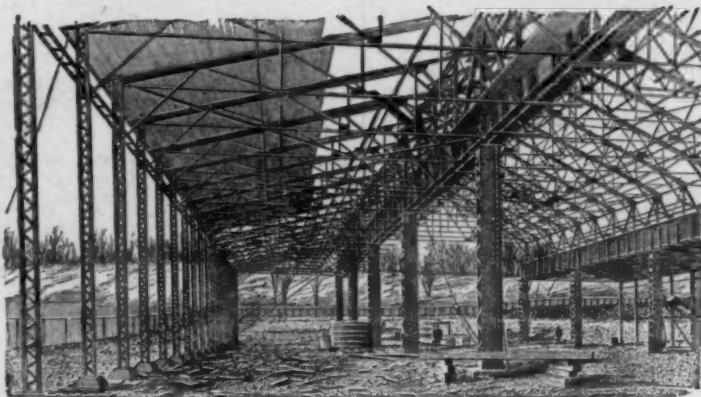
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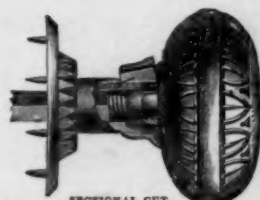
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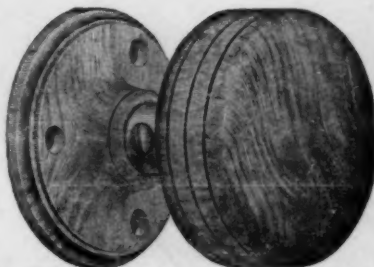
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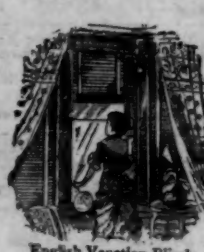
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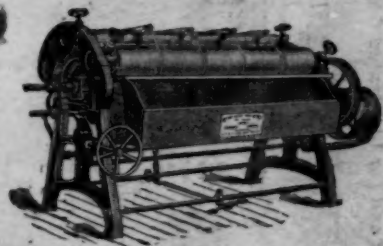
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