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DECORATION

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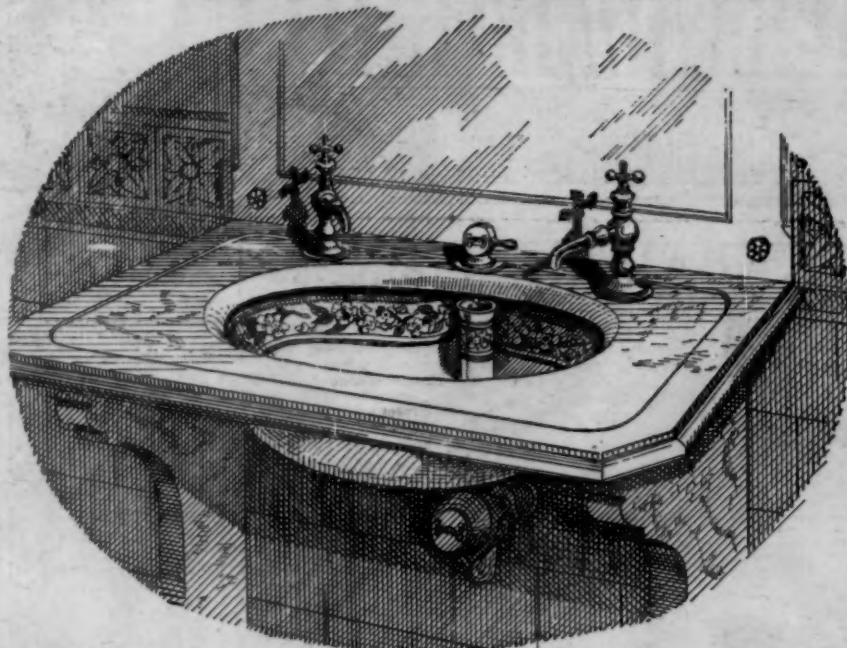
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THE AMERICAN ARCHITECT AND BUILDING NEWS.

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JUNE 28, 1890.



SUMMARY:—

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WE print in another column a communication from the Indianapolis Chapter of the American Institute of Architects, on the death of Mr. D. A. Bohlen, a Fellow of the Institute, and for two years President of the Indianapolis Chapter. Mr. Bohlen's reputation among architects was by no means confined to his friends in Indiana, and his death will be greatly regretted in the profession.

THE *Cosmopolitan Magazine* some time ago offered prizes for the best designs for a bath-house and a public laundry, with the idea that if suitable plans were obtained, an association would be organized to carry them out, for the benefit of the poorer people in New York. The award was made a few days ago, by a jury of expert architects, the prize for designs for baths being given to Mr. John G. Howard, and that for the best laundry plan to Mr. Lyman A. Ford, of Boston. It is intended to make the arrangements for bathing so simple that a warm bath can be given, with appliances of soap and towel, for not more than seven cents, and it is hoped that the cost can be reduced to five cents. In Frankfort-on-the-Main a warm shower-bath, with a clean towel and a bit of soap, can be had for three cents, and there is no reason why the cost in New York should be much greater. In the Frankfort baths there is no swimming tank, and it would seem as if the public swimming baths on the river fronts would give sufficient advantages of this kind during the summer, which is the only season when swimming baths would be used by poor people; but a dozen or more of compact, well-warmed shower-bath establishments, kept neat and clean, where men and women could wash themselves comfortably and thoroughly for the price of a newspaper, would do an immense amount of good in the city.

THE movement for forming coöperative associations, with which the striking carpenters in Boston have been amusing themselves during their forced idleness, seems to have made an impression on the men which we hope may be permanent. Two such associations have already been formed, one of which reports that "many real-estate owners, architects and business people are as willing to entrust the construction of buildings to a coöperative concern, formed of practical workmen, as they are to trust the work to a contractor." The truth of this piece of information, which any architect could have imparted to persons interested at any time, is obvious. Of the two, most architects would rather give a contract to a coöperative association of good workmen than to a contractor, for the reason that the latter, even if his intentions are good,

cannot look after all his men all the time, and the latter, having no particular interest in the work, and, very likely, never having seen the drawings or specifications, make blunders, and waste time and materials, in a way which would be impossible with an intelligent coöperative society, where each man would take pains to ascertain what was to be done, and would not only do his part to have the work go quickly and correctly, but would be on the lookout to see that none of the other men injured the general interest by carelessness. As to the consideration, moreover, which, as is commonly supposed, would weigh most seriously with architects in preferring regular contractors to coöperative associations in awarding contracts—the probability that the latter would have less capital, and would, therefore, be financially less responsible—we are inclined to think that, for ordinary work, this would be of little or no importance. Many a builder, as architects know, does a considerable business on a capital of five or six hundred dollars; and one that is known to be honest, so that the dealers in materials will trust him, can almost always have his contracts so arranged that, while the interests of the owner are protected, his own, if he intends to carry out his contract fairly, will be equally so. With the coöperative societies, a contribution of a week's wages from each member, with a willingness to wait a little while, in case of need, for a portion of his regular income, would constitute capital enough for all the business that such a society ought, in the present state of the law, to undertake, and a coöperative society with a good reputation for efficiency and honesty could have from the architects' offices all the business it wanted on those terms, if it could be relied upon to carry out faithfully the contracts which were awarded to it. The really important consideration, which would weigh far more with architects than any fears of the insufficiency of their capital, would be the apprehension that the coöperative societies would be less inclined than a contractor to carry out their agreements to the letter. It has suited the purpose of the cheap politicians to treat men who work with their hands as well as their heads as a body of interesting infants, whose main duty in life was to vote for the politicians in question, and who, if it proved inconvenient to pay for what they bought, or to do what they agreed to do, or look out for their precious skins in the same way as other people, had only to come howling to the Legislature to be relieved of their obligations, furnished with money which did not belong to them, and authorized to collect damages from all sorts of innocent people for the results of their own carelessness. This has resulted in making of the ordinary workman a being whose idea of fulfilling his promises, if he takes a fancy not to do so, is very imperfectly developed. Every architect hears of innumerable instances where journeymen, after being engaged, and promising to come with their tools to the building on a certain day, fail to appear at all, often to the serious loss of owners as well as contractors. It is not too much to say that no man, and no coöperative society to which any man belonged, who has been known to an architect to fail in keeping such an appointment, would ever get a contract from that architect's office; yet, according to our experience, at least one-half of the city journeymen carpenters think nothing of agreeing to go to work for a certain employer on a certain day, and failing to appear at all. Such a manner of treating obligations is, to architects, the unpardonable sin; and the new coöperative societies must cultivate with the greatest care an exact performance of every promise, however trivial it may seem to them, which they make in the line of their work. This habit once acquired, they may be sure of the success which we sincerely wish for them. That uniform good fortune, even if they deserve it, awaits them in this wicked world, we cannot expect. Business traditions do not change quickly, nor are the experience and caution which will prevent losses very readily acquired, while there will be plenty of rascals to prey upon the honest workmen in their new relations; but patience and perseverance, with thought and study on the part of the more intelligent, will gradually remove the obstacles to what we believe will be the great industrial movement of the future.

A DECIDED novelty in specifications has been introduced by a Philadelphia architect, Mr. I. F. Stuckert, who has, by so doing, called forth the enthusiastic praises of the local contractors. It seems that Mr. Stuckert, having to draw

up specifications for a factory, inserted in them a clause which excluded all contractors from outside the limits of Philadelphia "from offering estimates." According to the local contractors, this is an admirable instance of the application of the principle of protection for home industry to the building trades. They complain that, under the ordinary system, people from outside the city, whose men "work longer hours, and are paid less wages" than Philadelphia workmen, come in and estimate on buildings, and, being able to "quote lower figures," they secure more contracts, so that it is said that two-thirds of the building mill-work in Philadelphia is done by firms outside the city; and they hope that all the architects will follow Mr. Stuckert's example. Desirable as it may be to protect the Philadelphia wood-workers, we venture to say that the end will not be brought about by the intervention of the architects. The fact that the latter are employed, not by the contractors, but by building-owners, and that their duty is to get the latter's work done wherever and however it can be done best and cheapest, without regard to the interests or sentiments of anybody else, seems never to have occurred to the Philadelphia builders, and it would do them no harm to have their minds set right on the subject.

MR. MULLETT, formerly the Supervising Architect of the Treasury Department, as our readers are aware, sued the Government some time ago for special compensation for his services in designing the building of the State, War and Navy Departments in Washington. It was not very clear why he should consider his work on this building outside of his regular employment as a salaried officer of the Government, and the Supreme Court has now decided that he has no claim to special compensation in the case. While the decision of the Court is undoubtedly well founded, we sympathize entirely with the Cincinnati *Enquirer*, which says that future generations will find it hard to believe that the man who designed and carried out this, as well as many other of the largest and most costly public buildings on the continent "got no more salary all the time he was doing it than if he had been a book-keeper, or kept a cigar stand." "If his style of architecture was not up to everybody's standard," the *Enquirer* goes on to say, "it was not his fault that the Government employed him"; and he was certainly an energetic, industrious and intelligent official, who carried out a very great and necessary work for the Government in a reasonably acceptable manner, and deserves something better than to be left in his old age, as he is said to be, "poor, embarrassed and out of heart."

THE people of San Francisco are being entertained with one of the pieces of scandal which seems inseparable from the construction of a public building, and which, this time, relates to their City-hall. We cannot say that we pity them much, the history of their relations with their architects being by no means an edifying one. Quite recently, a new architect was appointed to inquire into the manner in which the contract work had been performed. He began by making forty-three holes in the walls and piers, and found, in about one-fourth of the places, that the interior of the masonry was filled with rubbish. The contractors, very properly, agreed to rebuild the defective work, and claim to have positive information that the rubbish was purposely put in by one of the workmen, who, when the proper time came, informed the City-hall Commissioners that there was bad work in the building, and put it into their heads to have the masonry tested. Several other workmen are said to have testified that this ingenious person told them what he had done, and said that he expected to make a good deal of money out of the affair. Without knowing anything of the character of the contractors, we think it quite likely that their explanation is the correct one, and that the bad work was done without their knowledge, and perhaps with the express purpose of injuring them. If so, it would be by no means the first instance of the kind. We remember a case, several years ago, where there was considerable public excitement over some rascally work done in a public building. An investigation was held, and the person who first brought the information which led to the investigation was put on the witness-stand, and coolly testified that he knew that the work was improperly done, because he was at that time employed in the building, and did it himself! Of course, in such cases the owners make the contractor, or, preferably, the architect, pay for pulling out and rebuilding

the portions of the structure on which the facetious workman was employed, while the latter, having no money to lose, draws his two dollars a day in witness-fees for testifying to his own rascality, and thinks himself one of the most ingenious and eminent of mankind.

MR. A. LASENBY LIBERTY recently read a paper before the English Society of Arts, about Japanese workmanship, which, as he thinks, is very far from the stage of slavish imitation of European models to which most people imagine that it has descended. No doubt the necessity for catering to the coarse, cheap European taste has corrupted the manufacture of many Japanese objects, but the whole attitude of a Japanese in relation to his work is completely different from that of a civilized workman as can be imagined. "With the Japanese," says Mr. Liberty, "carpentry is a fine art." We all know the accuracy and perfection of their joints and fitting, but every one does not appreciate the artistic instinct which goes with the skill of hand. Among the objects which Mr. Liberty showed to illustrate his lecture was a beautiful inlaid box, of which he related the history. The foundation of the box was an old rectangular rice-measure, such as is used by Government officials, with its upper rim covered with iron. About three-quarters of the iron was worn away, when the measure came into the workman's hands. Instead of tearing off the remainder, as any civilized joiner would have done, so as to reduce it to uniformity, he looked at the fragment of rusty metal as a picturesque decoration, and left it carefully in place, cutting out the substance of the new lid which he added, so as to fit exactly over the ragged bit of metal. Then, turning the box over, he found a half-obliterated Government stamp on one side. This, instead of being planed out, was utilized as a decorative feature, and surrounded by inlays of ivory, pearl, bronze and amber, which, extending to the other sides, produced a complete and artistic work.

A VERY curious table has been drawn up by the Labor Commissioner of Wisconsin, showing the rates of wages per hour paid in thirty-eight of the principal cities in the United States in the main building trades. If the table is accurate, the variations are surprising, and, what is still more surprising, they seem to follow no rule. For example, it is commonly supposed that workmen's wages are the highest where their labor is most in demand. According to this theory, the rates should be highest, perhaps, in the cities of the New South, where buildings are being hurried up in every direction; yet in Atlanta, one of the most flourishing of the new Southern towns, masons' labor brings twenty-one and four-tenths cents per hour, the lowest rate paid in any city in the United States, while common laborers get only seven and one-half cents per hour. In regard to the latter, it will be said at once that the Atlanta laborers are negroes, whose inferior intelligence makes their work worth less than that of the whites; but in Galveston, Texas, the laborers are also negroes, yet they get twenty cents an hour, the highest rate reported anywhere. Curiously enough, in St. Louis, an old and steady-going Southern city, masons get forty-nine cents an hour, or more than twice as much as is paid in bustling Atlanta. Roofers, also, get only one-half as much in Atlanta as in Sainte Fé, and little more than half as much as in Brooklyn, N. Y. In Minneapolis and St. Paul, also places of very active building, masons get only thirty-one cents an hour, against nearly forty-one in New York. Carpenters get the highest pay in San Francisco, thirty-nine cents an hour; and the lowest in Lexington, Virginia, where the rate is eighteen and one-third cents an hour. Plumbers are best paid in Wilmington, Delaware, and worst in Vicksburg, Mississippi. Even between New York and Brooklyn there is an appreciable difference, laborers getting nineteen cents in Brooklyn, or very nearly as much as in Galveston, and less than seventeen in New York. On the whole, the figures seem to indicate that the rate of wages is a local and temporary matter. Atlanta, within two or three years, has been busily engaged in building, and architects, and probably building workmen, have gone there to profit by the rush of business. The consequence has apparently been that the market is overstocked, and the men have to take what wages they can get. That Galveston, which is similarly situated, should pay nearly the highest wages in the country seems to indicate a growing prosperity, which has not yet been so extensively advertised as to attract migration from outside.

RELIGIOUS ARCHITECTURE.¹—XII.

VII. BYZANTINE ARCHITECTURE IN THE EAST.

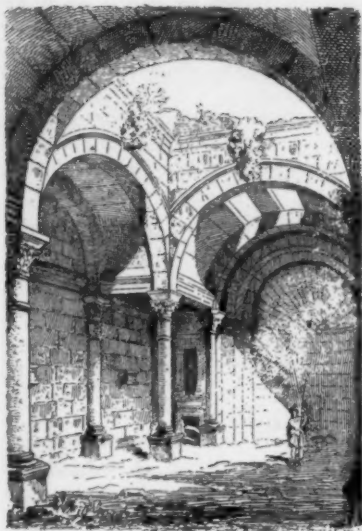


Fig. 1. Ruins of the Prætorium of the Mousieh Basilica (3d Century). After M. de Vogüé.

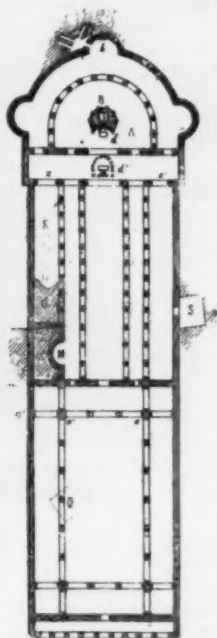


Fig. 2. Plan of the Basilica of the Holy Sepulchre, at Jerusalem (4th Century). Scale 0.001.

HAVING indicated the sources from which Byzantine architecture was derived, on the one hand, its appropriations from Roman antiquity, with modifications to suit the designs to the requirements of the new worship, and, on the other, its purely original elements, we will describe in separate sections its development in Asia Minor and Eastern Europe, and its influence on the architecture of Western Europe, showing at the same time what traces are left of this influence.

Constantine reared a large number of churches in Greece, which have disappeared. Those which we have already had occasion to notice are of much later date than this emperor's reign. The total destruction of these edifices is all the more to be regretted, because they would apparently have furnished us examples of domes on pendentives, anterior to the St. Sophia of Justinian. There would have been nothing surprising in this, for it is not to be supposed that such an advanced and bold disposition was conceived outright by Anthemius and Isidorus; before having been applied to such a vast structure, it must have been tried on a smaller scale.

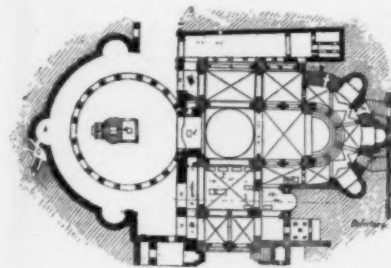


Fig. 3. Plan of the Church of the Holy Sepulchre, at Jerusalem (7th Century).

Syria proper offered a rich harvest to archaeologists; numerous structures belonging to the Byzantine period have been discovered there, which illustrate perfectly the plans and decorative character of that epoch of Syrian architecture.

The history of Syrian architecture does not apparently go back of the first century of the Christian era. It seems to have originated with a singular document found at Quennauât, and which proved to be a decree of King Agrippa inviting the inhabitants of the region to abandon their barbarous traditions and adopt the customs of civilized life; and, in fact, great building activity was displayed throughout the country from the first century A. D. In the second century, the Roman Imperial Government ordered the erection there of palaces, baths, temples, aqueducts and triumphal arches. The movement went forward under the Christian emperors. The pagan sanctuaries were converted into Christian churches, and

at the same time a large number of freshly-constructed edifices were consecrated to the new faith. However, it was especially from contemporary Greek art that the inspiration of this civilization was most directly drawn, during the Christian as well as the Roman period; in the same way, the new church borrowed its liturgy and the nomenclature of its hierarchy from Greek sources.

In visiting to-day those deserted streets, says M. de Vogüé, those abandoned courts, those porticos with vines twining about their mutilated columns, one is impressed much as he is at Pompeii, though less distinctly, perhaps, as the Syrian climate has not preserved its treasures as the ashes of Vesuvius have preserved theirs; there is more novelty, however, in the lessons taught by the Syrian ruins, for far less is known of

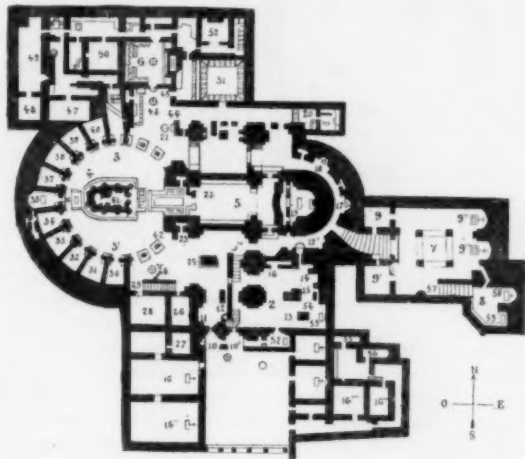


Fig. 4. Plan of the Church of the Holy Sepulchre (present condition). — 1. Entrance Court; 2. Chapel of Calvary; 3, 3'. Great Dome; 4. Chapel of the Holy Sepulchre; 5. Greek Church; 6. Church of the Latin Franciscans; 7. Chapel of St. Helena; 8. Chapel of the Cross; 27. Ruined steeple; 10. Entrance to the Church of the Holy Sepulchre; 10'. Walled-up door; 11. Divan for the Turkish Guards; 12. Stairway belonging to the Latins, and leading to the Chapel of Calvary; 3". The Greeks' stairway; 13. Spot where Christ was crucified; 14. Greek altar, showing the hole made by the cross; 15. Fissure in the rock; 16, 16', 16'', 16'''. Greek Chapels; 17. Parting of the garments; 17'. Crown of Thorns; 24. Anointing Stone; 25. Position of the three Marys; 9, 9', 9'', 9''', 26, 28 and 42. Stairway and American Chapels; 44, 46, 47, 48, 49, 50, 51, 52, 53, 54. Latin Chapels or dependencies of the Latin Convent; 41. Chapel of the Angel; 36. Coptic Chapel; 35. Chapel of the Schismatic Sovereigns; 30, 31, 32, 33, 34, 37, 38, 39, 40. Greek, Armenian and Coptic Chapels; 45. Stairway of the Latin Church; 43. Place where Mary Magdalene remained; 21. Spot where Christ appeared to her; 20. Christ's prison; 57. Stairway leading to the Chapel of the Cross; 59. Place where the Cross was found; 22. Centre of the world; The Greek Holy of Holies; 18. Chapel of Longinus; 55. Place of Abraham's Sacrifice; 56. Place where Melchisedec blessed the wine.

the civilization reflected in them than of that of the Augustan age. In fact, these cities, numbering together more than a hundred in a distance of thirty or forty leagues, form a whole from which it is impossible to detach anything individual; all is bound and linked in one, all belong to the same style, to the same system, to the same epoch, in short; and this epoch, that of primitive Christianity, is, up to the present, the least known as

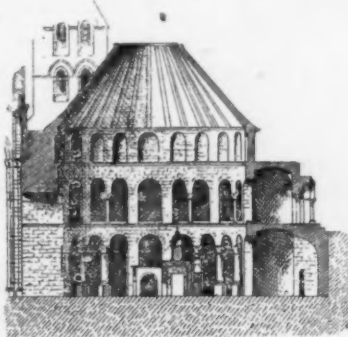


Fig. 5. Section of the Church of the Holy Sepulchre (7th Century).

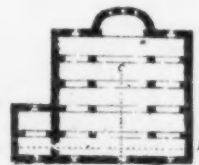


Fig. 6. Plan of the Basilica of Taffha (4th-5th Century).

regards art; it extends from the fourth to the seventh century. These Syrian structures transport us, then, into the very centre of Christian society; we detect in them its life — not a life hidden in the catacombs, not the humiliated, timid, suffering existence which is generally pictured to us, but a broad, rich, artistic life; life in spacious, well-arranged dwellings built of massive cut stone, adorned with galleries and covered balconies, and

¹ From the French of P. Planat, in Planat's "Encyclopédie de l'Architecture et de la Construction." Continued from page 177, No. 756.

set in beautiful vine-planted gardens, with wine-presses and stone vintage-tubs and tuns; with extensive subterranean kitchens and stables for horses.¹ We find, also, beautiful squares bordered by porticos, elegant baths and magnificent, colonnaded churches, flanked with towers and surrounded by splendid tombs. Crosses and monograms of Christ are sculptured in relief over most of the doors; numerous inscriptions can be read on the monuments. . . . The choice of texts points to a period near that of the triumph of the Church; there is an accent of victory dominating every line of the inscriptions, from the verse from the Psalmist, graven in beautiful red characters on some richly-sculptured lintel, down to the *graffito* of an obscure artist, who, when decorating a tomb, tried his brush on the rock wall by inscribing the monogram of Christ, and, with the

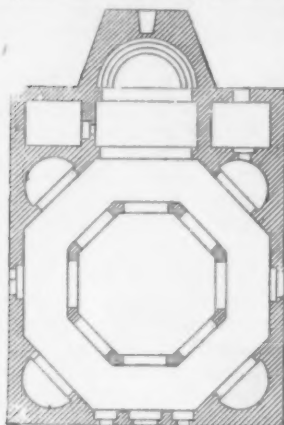


Fig. 7. Plan of the Church of Ezra (6th Century).

enthusiasm of a freed Christian, wrote beside his representation of the Christian standard, *Toito vixē* "This conquers!"

It was then essential that a study should be made of the remains of this region, in order to trace the history of Christian religious architecture; the study is of paramount interest still, in view of the unquestionable influence exercised by Oriental schools on the development of Occidental art in the Middle Ages. In the origin of this development Syria seems to have had an appreciable part, or, in more general language, the architectural school then flourishing throughout the East, and of which Syria has preserved the most varied and complete types.

As regards construction, it is certain that the typical Roman feature, namely, the building of huge barrel-vaults supported by networks of strong frames, forming compartments, the meshes of which were afterward filled by simple ornamentations, was carried down to mediæval times, when, by the invention of cross-ribs, half-ribs and diagonal ribs, the chief characteristic of the new style was evolved out of it. It would be difficult to deny that the transmission took place through the medium of the Eastern schools. The former basilicas of Tours, St. Denis and St. Gall, like those of Aix-

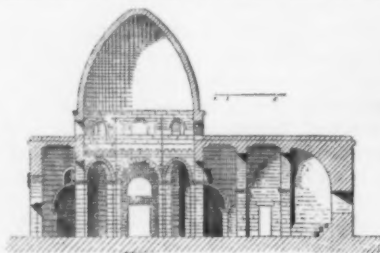


Fig. 8. Section of the Church of Ezra (6th Century).

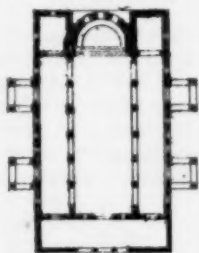


Fig. 9. Plan of the Basilica of Baqouza (6th Century).

la-Chapelle and S. Vitale, must have been built on the same principles that were adopted in Syria.

So far as general dispositions and decorative style are concerned, and even in certain details of architectural ornamentation, the analogy can also be easily established. From the fifth century, the Syrian edifices had porticos with triangular pediments, apses with external rows of columns, and façades with towers, which were adopted later in Western religious architecture.

In consequence of the frequent and intimate relations already existing between the Eastern and Western divisions of the world, and while Western society was assimilating the invading barbarian element, a new art was struggling into existence, though taking as its basis the knowledge and experience acquired by the older civilizations. Europe submitted to, or rather, accepted the ascendancy of Byzantine art for several centuries, until the moment when the Crusades established

more perfect and more intimate relations still between East and West. Viollet-le-Duc went so far as to assume that after the taking of Antioch by the Crusaders (1098), during the first Crusade, and after it had become the capital of a French principality, which was maintained for a century later, learned men attached to the army fixed their residence there, and studied such Syrian monuments as those of Chagga in the Hauran; that they obtained from these the principle of groin-arches, as well as a system of vaulting, which they imported later into Provence and Languedoc.

In tracing the history of western European architecture, an examination of the Byzantine structures of the Orient affords an opportunity for useful comparisons, and furnishes some very

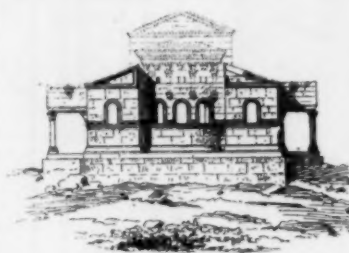


Fig. 10. Apse of the Church of Baqouza.



Fig. 11. Plan of the Church of Kalb Louzeh (6th Century).

valuable information; moreover, the Byzantine edifices of Asia, which have been investigated by a number of archaeologists, and notably by M. de Vogüé,² exist in great number and in an unparalleled state of preservation. Hence the very peculiar interest which attaches to their study.

There are sufficiently complete remains from even the Roman period to enable us to restore perfectly the prætorium of the ancient basilica, which has become the modern apse with all its variants.

The prætorium of Mousmieh, the ancient Phæna, was built (Figure 1) under the emperors Marcus Aurelius and Lucius

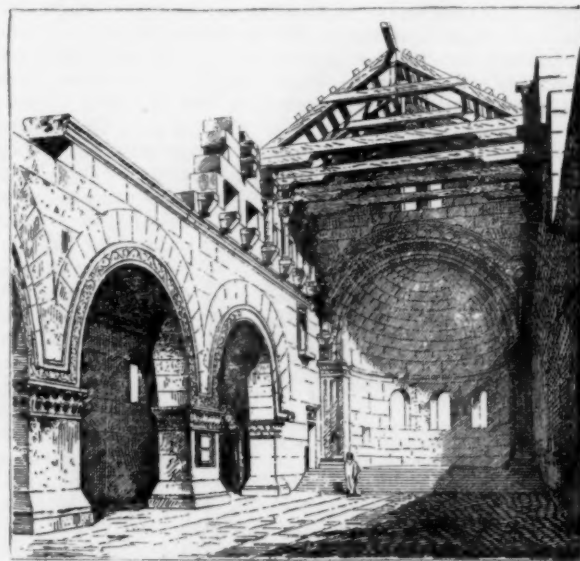


Fig. 12. Interior of the Church of Kalb Louzeh. After M. de Vogüé.

Verus (160-169). It appears to have been modified later. The mode of construction consisted in the employment of arches, placed so near together that flat stones could be laid side by side from arch to arch. The central square was covered by a sort of cupola, made of rubble-work, which has fallen in. Here we have an example of one of the oft-recurring attempts to erect a dome on a square foundation, as also one of the earliest solutions of the problem.

The prætorium of Phæna was afterward transformed into a Christian church. This led to certain changes which, in any case, are not later than the fourth century.

¹ See the edifices and dwellings of the Hauran, Safa, Djebel Riha and Tala. "Architectures Civile et Religieuse de l'Asie Centrale," by M. de Vogüé.

² See also: "L'Arménie, la Perse et la Mésopotamie," by Ch. Texier; "Les monuments de la Perse," by C. Coste. For Greece, see Couchant: "Voyage en Grèce et églises Byzantines"; Texier: "L'Architecture Byzantine." See also M. Corroyer's excellent résumé: "L'Architecture Romaine."

There are remains in Asia minor of especial interest for the history of art. In the foremost rank, we must cite the Holy Sepulchre (Figures 2, 3, 4, 5), which was erected at Jerusalem by Constantine and Helena, in 326, on the spot assigned by tradition to the tomb of Christ. In the seventh century, this church was devastated by the Persians; reared a second time by the monk Modestus, during the reign of Heraclius, it was again ravaged by the Arabs in 1010, on the orders of the Caliph Hakem, son of a Christian mother.¹ In 1048, it was rebuilt by Constantine Monomachus, and toward 1130, after the fall of Jerusalem, by the Crusaders.

Amid all these restorations, the primitive plan (Figure 2) has become curiously modified. The church was at first a basilica with five bays,² according to the restoration of M. de Vogüé, with an atrium in front, a transept, and an apse flanked by three small apses. The basilica was afterward converted into a circular church and was used as a model for several western churches. It was simply roofed with timber, in the form of a truncated cone, with a central opening, made directly above the spot reputed to have been the tomb of Christ, and designed to recall the Ascension. A modern cupola has superseded this wooden construction. Since the latest restorations, another apse has been added, facing the first; many subsidiary buildings have been annexed, as may be seen by referring to the plan given of the present edifice; these dependencies are all the more essential because the church is to-day devoted to several different cults, each of which has distinct quarters there.

The basilica of Tatkha (Figure 6), which marks the transition from the civil basilica to the Christian church, presents, moreover, another peculiarity: the tower, which dates from the fourth century, is erected on one side; whether it served at that time for a bell-tower is a question that cannot be determined, although it is known that bells were in use as early as the fifth or sixth century. But as the important Roman dwellings were themselves provided with towers for watch and defence in times of danger, it is possible that this appended structure was at first only a survival of Roman tradition.

The three-aisled arrangement was adopted, as in the basilica of Mousmieh.

The church of Ezra, erected in 515 and preserved unaltered, is most interesting, because it exhibits in full the construction of a dome established on an octagonal plan (Figures 7, 8). The last course but one of the masonry consists of stone slabs

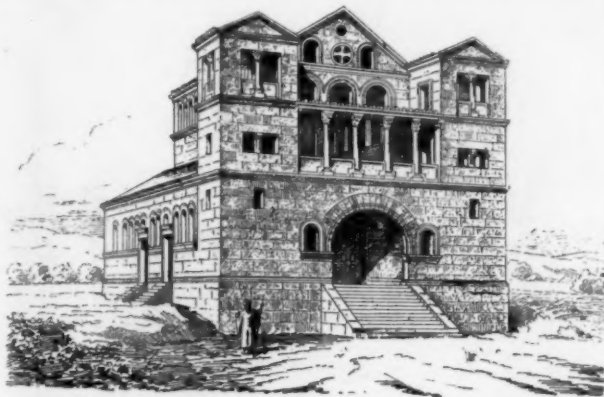


Fig. 14. View of the Church of Tourmanin. After M. de Vogüé.

projecting at the angles so as to transform the octagon into a polygon of 16 sides; by the same disposition in the upper course, a polygon of 32 sides, or nearly a circle, is obtained, and this supports directly the rubble-work dome.

This church at the same time furnishes an example of a polygonal plan quite unlike the primitive basilica, although there is an external addition of an apse.

The church of Baquoza (Figures 9, 10), the upper part of which is ruined, but which can easily be restored, dates apparently from the sixth century. The nave was lighted by

a row of windows above the roofs of the aisles. The nave and aisles were all covered with wood.

The church of Kalb Louzeh (Figures 11, 12), is of the sixth century; it is one of the most important edifices for the architect to examine³ who is in search of marked resemblances between the religious edifices of the Occident and Orient. A spacious semicircular arched opening gave entrance in front to the narthex; the latter was covered by a wooden ceiling and was of only moderate height. Towers on the sides apparently marked the entrance to the aisles; the nave was indicated by its gable, dominating the whole, behind the narthex.

The apse was adorned with two orders of slender columns, with this peculiarity: there was no architrave and the superimposed colonnettes were left isolated. The exterior of the apse resembled in all respects the Romanesque apses of France and Germany.

The church of Tourmanin (Figures 13, 14), also of the sixth century, presents striking analogies to the preceding. Here the edifice rests on a basement, which imparts a nobility of character to it. The *ensemble*, which we reproduce from MM. de Vogüé and Duthuit, was restored without difficulty, owing to the excellent state of preservation in which the ruins were discovered.

Many other examples of Syrian religious architecture might be cited, as the churches of Babonda, Behioh and others, but the dispositions already noted would be found in them, repeated with but unimportant variations.

[To be continued.]

ITALIAN TOWERS.⁴—III.



Santa Barbara.

GOING from Santa Maria Novella to the Arno by the shortest way to the Ponte Alla Carraja you will come into the Piazza Manin. On one side of the Piazza is the Arno, on another a modern picture gallery, on the third, the Hôtel de la Ville with the most resplendent portiere in Florence, and on the fourth and opposite side to the Arno rises the church of Ognissanti. The church with its adjoining monastery covers nearly half a square. There is nothing very interesting in it, a fresco by Ghirlandajo and another by Botticelli and a few minor altar pieces scattered about, while the monastery has shared the fate of nearly all the Florentine monasteries and is now a cavalry barrack, from the inside of which arises, instead of the ancient chant of monks, the sharp piping of key bugles which all over Italy take the place of the drum corps, and if you

linger long in the Piazza you are always liable to be run over by a detachment of horse coming around some corner.

The tower of the church is one of the simplest in Florence, and shorn of the tile-covered box on its top, is very good indeed. There is a peculiarity in its construction which one hardly notices at first but which stamps it as probably belonging to an age later than a single glance would lead one to suppose. The rows of small corbelled arches which bring forward the recessed walls at the belt courses, the cornice and the three arches of the upper openings are all cut in long lintels instead of being built up of small stones, as is almost invariable in older work. Then the row of modillions directly under the roof are peculiar. These features occur at times in other Italian towers of this type and you will find almost every detail of this Ognissanti Tower in the tower of Santa Maria Maggiore at Assisi.

¹ William of Tyre, Book I.

² M. de Vogüé. "Les églises de Terre-Sainte."

³ M. de Vogüé. "Syrie centrale," pl. 122 to 129.

⁴ Continued from page 115, No. 752.

The date of its erection, 1554 probably, will account for these eccentricities. It looks a much older tower now than many other Florentine ones which probably antedate it, a fact due to its comparative neglect and to the stones of which it is built, for they are like those of the Vecchio and Bargello Towers, small and square, laid in a dismal attempt at a horizontal line. The shortening of the two lower openings probably took place when the church was restored and had the



Campanile of the Badia di Settimo.

filling of them been a little less conspicuous the restorer would certainly have improved upon the original; as it is, he made a mess of it.

The façade of the church is insignificant as the façades of sixteenth and seventeenth century churches are apt to be, though they are better in northern Italy, I think, than in Rome. The four hundred and odd churches in Rome with their everlasting façades of gable and console and pilaster, and fat cherubs and two-hundred-pound bed-quilts hung before the doors are among my unhappiest recollections of that city. There is, by the bye, one of the nicest Renaissance façades we saw in Italy, in Lugarno. It was our first Italian church front, consequently we did not then know how good it was, but after we had been there a few months, we learned to appreciate a good church façade built after Columbus's voyage; when we found it, rarity made it striking.

When you have a spring afternoon on your hands in Florence, and have grown a little tired of the glaring light of the sunny pavements and of the chill gloom of the shaded ones, go out through the Porta Romana and up the long straight avenue of the Villa Poggio Imperiale and then ask for the church of Santa Margherita. On your way there you pass close by the tower of Galileo, so-called, and you also pass some of the most remarkable bits of mural painting, on the outside of houses, that exist in Florence. I remember one especially. A huge, second-story double-door, much like the hay-door in many of our New England barns, partly open, and inside the timbers of the building and the stored-up grain appeared, — all the most beautiful and realistic fresco. On nearly every house and shop front we find these frescos, sometimes nothing but a window with one blind open and the other closed perhaps, and the lights and shadows carefully put in; sometimes the whole interior of a church with its perspectives of aisle, columns and high altar at the back, all in this same fresco on the stucco front.

On the second-story walls of the outer court of San Annunziata in Florence, there are little windows painted and painted monks look from them on the crowd below and even the cathedral of Florence itself, has not escaped this passion for painted deceit. Count the windows on the outside of the nave on the north side, some day and then after putting on your winter overcoat, go in and count in the interior on the same side, I do not say the same windows, for they differ both in number and location, but the windows that ought to be the same. In fact they are not windows at all; except two, they are vain delusions. The same or similar conundrum may be found on the other side.

It was not with a view of studying mural painting, however, that we came out into the country. A few moments before you reach Santa Margherita you will come on a little church built close upon the narrow cobble lane. A most frightfully ugly little church, all of stucco and with the most astounding Gothic Renaissance façade done in fresco. Classic portals and rose windows, garlands and gargoyles all commingled. Santa Barbera, I think the church is called. All

the authority I have is that of a peasant who was working hard by while I sketched the tower, and so I may be wrong, for the peasant's information is not always accurate, though he always means well and kindly gives you all he can and often a good deal more than he ought. But the name and the church itself are of very little account, the tower is all that is worthy of notice. From a distance we had thought it old and wondered there was no mention of such a landmark in the guide-book, but when we reached it we found it could not have been built over twenty years. It is of the same gray-brown stone which so abounds in this region, stones of a different shape decidedly from those of the older towers, longer and narrower and with a smoothly-tooled face. The architect, whoever he was, drew upon the more ambitious towers within the city, of the Tuscan Gothic period, and indeed, it may be directly from Santa Maria Novella, for that is immediately suggested on seeing this. There are one or two innovations on the older models, the bevelling of the arched openings, for instance, is a decided departure from any of the old examples. Then, too, there is a balustrade of carved stone around the belfry, an extravagance rare even in the richest of the Florentine churches. But the greatest puzzle of all is that such a tower and such a façade should be together. It seems hard to believe that those who approved of the church could have appreciated the tower, and still harder to believe that those who approved of the tower should allow the church to exist in its present state.

The lifting of the pyramidal roof is not managed as well as in Santa Maria Novella. There, the change from the vertical line to the slope of the roof is hardly appreciable; here, a belt course marks it and destroys the unity of the spire at once.

But as the church tower of an almost nameless hamlet, a mere straggling row of cottages, it is a lesson to all country towns, and even if after seeing it you do not approve of the tower itself, you will have seen some most beautiful views of Florence and of the country roundabout, and will have added to your knowledge both of Italian character and language.

We made a good many of these excursions about Florence during our stay there, going off and out through some one of the many gates in the early morning and returning at night. There is no end to the interesting old towns all about up and down the valley of the Arno, and on the hills on either side. Prato, Fiesole, Signa, Malmantile, Pontassieve, and the Badia di Settimo, to say nothing of detached villas and castles at frequent intervals, and among these there is no more characteristic bit than the Badia di Settimo near the village of San Columbano. You can walk there or ride there or



Gate-tower of the Badia di Settimo.

go out on a steam tramway which starts out through the Porta San Frediano. Perhaps the latter method is the best, for the immediate outskirts in that direction are rather unpleasant. A short five-mile ride on this tram brings one to the stopping-point for the Badia, and off to the right of the road you will see the polygonal campanile rising above the low olive and fruit trees. It is not a long walk over to the spot where the ruins of the old abbey are, a walk along nicely paved roads; roads, for a wonder, without the high stone walls on

either side which are such a nuisance to the pedestrian in Italy. Out here in the country there are but few of them, and the way runs through the olive orchards and vineyards, and by the stucco farm-houses with only an irrigating ditch and low hedge on either side as boundaries, and often times you can do a little cross-country work if you are good at jumping and do not mind the soft loam. For the irrigating ditches form a net-work over the fields and the ground is rich and black.

The abbey, or badia, of Settimo is now in a partly ruinous state. The old gate tower is a granary. Peasants live in parts of the old buildings and other parts are used as a school, but it is still a most interesting group of buildings, and it is really very old. It was founded about ten hundred by Count Ugo of Brandenburg, who, evidently, a devout man, founded six other abbeys in Tuscany, among them the badia of Florence. Vasari speaks of this at Settimo as showing the influence of the Greek spirit from Venice, which spread at that time more or less over all northern Italy; but of this influence of which Vasari speaks, there is little if any trace remaining now. Count Ugo died before the abbey was finished, and his executors carried out the work. The two towers are interesting as being the

worn now and is interesting chiefly from its size and the fact that it was built in and forms an essential part of the structure instead of being a mere panel. The overhang of the parapet is a bold bit of construction in brick, testifying to the strength of the mortar that binds it so strongly that it is practically homogeneous now. In fact the lower part of several of the corbels have been broken away.

These two towers, the campanile and this gateway are the most interesting relics of the badia. There is more or less of the ancient wall standing, and from one or two points that, with its battlemented top and the towers behind, make very picturesque views. The whole, however, is falling into such a state of decay that unless steps are taken to preserve it, there will soon be nothing but a shapeless ruin. The campanile will doubtless last, for that is still of the church and until that is deserted it will continue to hold its bells, but for the old gateway there is little hope.

If you tire of the badia before it is time to go back to Florence, go back to the main road again and on to Signa, which lies, perhaps, three-quarters of a mile away. A sleepy and dirty old town, huddled for the most part inside its huge walls which are almost high enough to shelter the tallest buildings within them, walls which have come down, a great part of them, untouched from the Middle Ages. They too, have a battlemented parapet, which corbels out far beyond the line of the wall below, and one or two of the gates are huge affairs of stone, with their upper, arched openings filled-in and used for dwellings. There is little in the town to attract one, but the gates alone are a sufficient reward for the visit.

There are other churches, too, and other towers down this valley of the Arno, but they are hardly worth a special visit unless one has no end of time. There is so much to see about Florence that to go where there is not some special attraction is a great loss. After two or three weeks of steady sight-seeing inside the walls of the city the country is a blessing indeed. Not the country through the agency of a carriage and a driver who shows you all the points of interest,



S. Salvatore d'Ognissanti.

work of Niccolò Pisano. He was called upon by these same executors to finish the abbey, having just come back to Florence from Bologna, where he had executed some very successful work. He repeated here what Vasari called his "most ingenious, most beautiful and most extraordinary" work, the campanile of San Niccolò at Pisa, another of Count Ugo's seven ventures in abbey founding. This tower at Settimo is, however, a far more simple one than its Pisan neighbor, whatever ornament it may once have possessed having been stripped from it and it is now absolutely bare. The change from the round to the polygon is unique, for the round is the lower part. Its very materials are a mixture, for the round portion is of stone and above that stone and brick are more or less commingled. It is still used as the bell-tower of its adjoining church and only in that respect has it retained any of its ancient furnishings.

But its neighbor, the poor old gateway has lost even its occupation. Farm-houses have been built against it; its arched openings have been walled up, and all but one of the spaces in the battlement have been filled with brick, and that one is a dove cote, while a tile roof crowns the whole. With the exception of some patching below, it is built entirely of bricks, long and thin, and over the arched doorway is a huge terra-cotta panel, a figure of Christ between two saints and below them the arms of Florence. It is all sadly battered and

FROM THE BADIA OF SETTIMO.



for then the thought of the heart-rending scene you will have when you reach home and attempt to pay this man and settle upon the extras, is enough to shadow the whole day. But walking, with occasional lifts upon a steam tramway, or very often upon the regular trains themselves — for the trains are like mules, hard to understand yet once understood useful and reasonable — walking, with these aids now and then, leaves one absolutely independent for the enjoyment of scenery, natural or artificial, and with plenty of time, I can conceive no pleasanter way of seeing the whole of Italy, than on foot.

GEORGE CLARENCE GARDNER.

[To be continued.]

VENETIAN KNOCKERS.



BRONZE KNOCKER.
MAINZ (ATHEM).
J. F. Leach

IT is a favorite cry with enthusiasts that Venice has been delivered over into the hands of the Philistines, that in fact, she is being spoiled by civilization. It may be that civilization has much to answer for as a debaser of men and of things, but as regards Venice we think that her enthusiasts exaggerate. The other cities of Italy have suffered greater, swifter changes than she. Rome,

Milan, Florence, rich yet in the beauty of a past day, have lost far more than has Venice, who, just from her position in a zone of azure sea, still keeps much of her old magnificence, displaying various outward and visible signs of the splendor that was hers when once she held "the gorgeous East in fee, and was the safeguard of the West." Indeed, it is by these many outward and visible signs that we may trace her whole artistic life from its commencement, and read her story in her streets, as written in bronze or stone.

Not the least interesting chapter in this chronicle is that which deals with Venetian sculpture and the varied use of metal-work as

one of the ornamental accessories to architecture. Of such examples of this kind of work Venice can yet show a great variety that have not succumbed to the revolutions of time.

Until the sixteenth century no prominence was given to the external ornamental details of a palace, the craft of the architect and the painter being deemed sufficient to complete its grandeur and beauty. But by degrees bronze ornaments of cunning shape became fashionable, and locks ornamented with patterns of tracery, lamps, candlesticks, door-handles, and other house fittings were designed and executed by the great masters themselves or their disciples, and in the making of these they put forth all their skill. Before long a school of bronze founders was established which produced much noble work; and with the best of this work we may count some of the elaborately beautiful knockers that yet embellish the doors of Venetian palaces, and to which we would here draw the attention of our readers.

Knockers and door-handles in Venice, like those of our own Early English and Decorated date, were first of simple character, usually in the form of a ring or a hammer. These were the parent forms which, by degrees, became subject to elaborate development. Some of our Early English door handles and knockers will compare favorably with those of Venice, just from their simplicity and grace, as we may see by the specimens at Stogumber, Somersetshire, and Stockbury, in Kent. Not many of the famous Venetian knockers remain



Fig. 1. Knocker on the Palazzo Cavalli, ascribed to Giovanni di Bologna. From a drawing by Arthur Lippitch.

in their original positions today. Dealers in antiquities are ever eager to secure them for their shops, knocker-wrenching being quite a lucrative pastime in Venice—not, as elsewhere, a vulgar sport. Famous among the knocker designers for Venice was Giovanni di Bologna, who was born in 1525, and who left his native town, Douai, to study in Rome under no less renowned a master than Michael Angelo. He also spent some time in Florence, where Bernardo Vecchietta became his patron, and where his first important efforts at original work were made. His failure to secure the commission for the Florentine fountain did not discourage him; and later, at Bologna, he saw his chance and seized it. The fountain there, with its nine-foot Neptune, its Cupids, and spouting mermaids, took him three years to complete. It counts as one of his most effective works and it first brought him into prominence as a master of his art. Among Giovanni's other successful achievements we have the bronze gates of the Duomo at Pisa, the equestrian statue of Cosimo I, and that of Henri IV in Paris, which last was partly the work of his pupils.

Our first illustration shows a knocker which has been ascribed to Giovanni di Bologna. It is on the Palazzo Cavalli, near the Post-Office, and may be reckoned as one of the most notable examples of the great bronziist's skill. Two dolphins hold in their mouths a shell on which stands Venus newly arisen from the sea-foam, attended by two plump cherubs who ride gaily on the dolphins' backs. One of the cherubs holds Venus by the hand. The dolphin-knocker is a very favorite design, and it occurs frequently with variations. Here,

in our second plate, we have another specimen of it, in the knocker that belongs to the Palazzo Balbi-Valier, on the Fondamenta Duodo Barbarigo. The palace in question was built in 1570 by Alessandro dello Volpe, a pupil of the great Sansovino, who taught him at the schools in Venice. Different again is the large knocker on the Palazzo Reale (Figure 3) which keeps to its earlier, simpler form,



Fig. 2. Knocker on the Palazzo Balbi-Valier.

the hammer form as distinguished from the ring. As the only important example of its kind in Venice this knocker merits particular notice, and we might contrast it, just from its marked difference, with another hammer-knocker of early date on a house in the Rue des Consuls, Auxerre, where the hammer consists of a long, lean leg, which moves on a hinge under the effigy of a man. More elaborate



Fig. 3. Knocker on the Palazzo Reale.

is the knocker of the Da Ponte Palace (Figure 4), a residence designed and built for the Doge Nicolo da Ponte in 1560. The architect of this sumptuous palace was Sansovino, but there is no evidence to show whether he designed the knocker which served to ornament

its doorway. The female figure in the centre may be taken to represent Venice, caressing two lions, for whom she has provided water in the scallop-shell which forms the base. Perhaps some want of refinement is noticeable in the way the animals have been executed; indeed, it is upon the modelling of the female's form that all the cleverness of the artist would seem to have been spent. A knocker

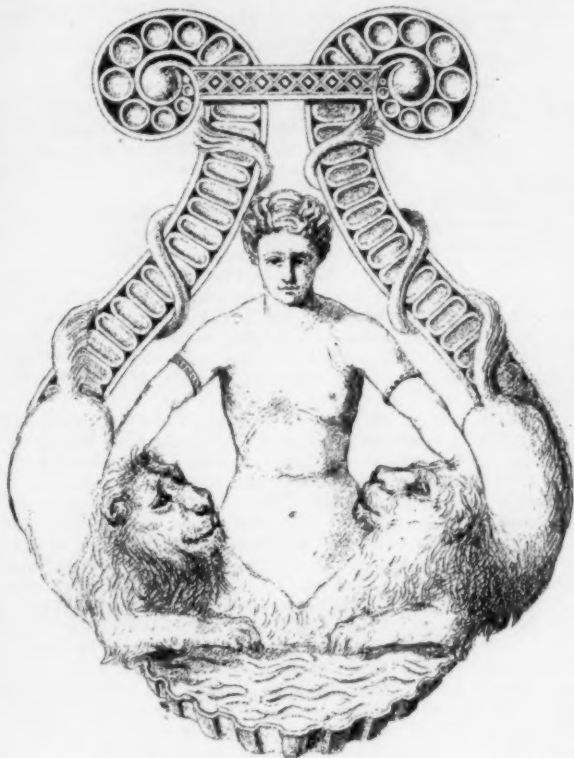


Fig. 4. Knocker on the Palazzo da Ponte.

precisely similar to this may be seen in the South Kensington collection; in fact, we are inclined to believe that, if not the original, it is an exact replica of the Da Ponte knocker. It was purchased for two hundred francs—a trifle in comparison with the prices given for other knockers which the Museum possesses. All the other South Kensington examples will well repay examination. One very handsome knocker among these was bought at the sale of the Soulages collection, and cost £80. It represents two nymphs embracing, while on their shoulders stands a Cupid, two others being



Fig. 5. Knocker on the Palazzo Zorzi.

poised on either side to give balance to the design. Another, costing £20, from the Portales collection, shows a pair of coy nereids (not youths, as the catalogue states) who hide their breasts, and whose figures fancifully terminate in foliage and are surmounted by a mask. Another charming little knocker to be seen at South Kensington is one that shows dolphins holding a scallop-shell, a swan

being placed in the centre. For grace and symmetry this ranks with the best; it is simpler, less ambitious than some, but none the less pleasing for that.

A most interesting knocker which, as a design, takes its place between the primitive hammer-knocker and the more elaborate lyre or dolphin knocker, is the one we find on the Palazzo Zorzi, our fifth plate. The framework of the design is formed by two Cupids who hold a coat-of-arms, at the base of which is a mask. As illustrations 6 and 7 show, masks in the mouths of snakes or dolphins were often chosen as the central ornament in the artist's design, the mask taking the place of the boss which originally served to show where the knocker fell. Nothing more delicately ornamental than these last two can be seen among all the noteworthy knockers which Venice still possesses. One is on a private residence in the Calle Rio Terrà, the other until recently was in the Calle Larga. The house in the Calle Larga, dilapidated in parts and in parts restored, bears the date of 1582, so it is quite within reason to assume that the knocker it possessed was designed and executed at this time. It is hardly older than that date. But it no longer adorns the outer door. Antiquity-mongers have had their will of this house; the bric-à-brac hunters could not long suffer the knocker to remain untouched. Doubtless it has passed into the dark treasure-houses of Jewry, and Mr. Lippitsch, to whom we are indebted for a sketch of it, came only just before its rape in time to rescue it by his pencil from oblivion.

The fate of this knocker has been the fate of nearly all, for few have kept their original places and can yet be admired *in situ*, where



Fig. 6. Knocker on a private house in the Calle Rio Terra.

the artist himself first put them. Local and foreign collectors of *objets d'art* do their best to buy them up, to sell at an amazing profit. It was possibly from a conviction that they would disappear, as well as through zeal for his city's art, that in 1758 a Venetian nobleman, Count Pietro Gradenigo, published a little set of water-color sketches of the most famous knockers then existing in Venice. In this task he had recourse to the help of a German artist, who completed a series of sketches, the originals of which are now to be seen at the Museo Civico. The volume is thus entitled: "Battaori, Batticoli e Battoli in Venezia. Jo. Grevembroch. 1758." Of this work a reproduction in autotype was brought out by Signor Brusa, which Ongania published. If it had been supplemented by a volume of text, its value to students would have been greatly enhanced; the plates themselves are, on the whole, quite coarsely executed. In this collection we may find the characteristic Ottobon knocker at San Severo, which displays the family coat-of-arms surmounted by a papal tiara and keys, in memory of Pope Alexander VIII, who belonged to the Ottobon family. He was Pietro Ottobon, and filled

the Papal chair from the year 1689 to 1691, which fact allows us to fix the date of this knocker as not earlier than the last decade of the seventeenth century. At South Kensington may be seen a fine bronze bust of Pietro Ottoboni, which is ascribed to Algardi or Bernini, but which more probably was produced by one of their aptest pupils. The face has that look of weakness and benevolence which we find in so many modern Venetian faces; the curved moustache, the *barbiche*, the *baretta*, might all belong to any easy-going, good-humored son of Venice to-day.

The design of another famous knocker, the Grimani knocker, appears in Gradenigo's book; and if we mention it here, it is because of its resemblance to our sixth plate, of the knocker in the Calle Rio Terrà. This design was one that evidently had a great vogue in Venice, and shows dolphins holding a mask, which took the place of the boss where the knocker-flapper fell. To this day knockers of a similar type are produced in Venice, for the art is not a lost art; a school of bronze founders still exists there and flourishes. In all the crafts which they follow to-day, modern Venetian artisans — the glass-blowers, wood-carvers and metal-beaters — show very remarkable ingenuity; while as regards invention, the power to create fresh designs, they do not need it, for they have the multitude of rich and handsome patterns bequeathed to them by their great fore-runners; and, as discreet and ingenious successors, they are content to copy since they cannot improve.

The art of working in metal is largely followed by Venetians; so to is wood-carving, and, of course, glass-making. In fact, ornamental work — work into which design enters — has ever appealed



Fig. 7. Knocker until recently on a private house in the Calle Larga.

to the craftsmen of the lagoons, and in its execution they excel. Nor does encouragement of these arts come alone from the foreigner. Wealthy Venetian patricians prefer to engage their compatriots for the task of embellishing or refitting their palaces, instead of calling in the skill of Paris or of Vienna. And resident *forestieri*, the English and Americans who have chosen Venice for their home, when decorating their houses are all anxious to let tradition guide them, ever choosing Classic models where chances for ornamentation occur. Rarely, as he walks in the *calli* or floats down the canals, will the traveller experience any rude shock at the sight of outrageous restoration. He will not be able to point to many instances of a deliberate exchange of the noble and the right for the vulgar and the base. Indeed, if they were ruthless and ignorant, which they are not, the restorers and touchers-up could never wholly spoil Venice. For the poet, Venice is still the strangest of the world's visible poems; for the dreamer, she is still sufficient in her manifold loveliness. The Philistines have not yet entered in to take possession. It may be that in some of her high places a hideous factory is set up as an unsightly tabernacle to Baal, the god of pelf; fragrant lagoon islands may have been remorselessly turned into mud banks, on which to tinker railway carriages and trucks; tramways may run the uneven tenor of their way across the Lido; or pert penny steamers shriek and scuffle along the majestic canal whence haughty Doges floated forth to war. And yet is Venice spoiled? Is she quite vulgarized — an abomination, in short? Ah, no; how much remains to us yet! She is still unique, a joy forever, being saved from the materializing touch of the *zeitgeist*, rescued from Philistinism by her inviolate bride, the sea. — *The Art Journal*.



THE TWO SALONS OF 1890. III. — THE SALON OF THE CHAMP-DE-MARS.

I MUST certainly speak of the *Salon* of the Champ-de-Mars, the success of which cannot be denied, or the fact that it has proved a serious competitor to that of the Champs-Élysées. The Parisian press has done much to augment still more this success, due equally to the talent of some of the artists of the new society, and to the very successful organization of its exhibition. The arrangement is very happy, and the furniture and surroundings present a richness unknown at the Palais de l'Industrie. Add to this the attraction which curiosity lends to anything new, and you will have reasons enough for the crush which day after day pervades the Champ-de-Mars, imparting to it a festal air, which recalls the days of last summer. It is pleasant to see again the pretty Palace of Fine Arts, to find one's self under its beautiful dome, and to ascend again its spacious staircases.

From the side of the gardens we reach the great reception-hall, decorated with much taste, where one may rest after traversing the galleries. The latter occupy the first-story rooms, where were collected last year the pictures of the decennial French exhibition, with those of the great Exposition. These form two long galleries, extending for 90 metres, with a central room, on the other side of which are several additional apartments, of smaller size, devoted to paintings, drawings, pastels and water-colors. The sculpture is placed under the dome, and on the galleries and landings surrounding the entrance-hall. There is much difference of opinion as to the relative merits of the two *Salons*. That of the Champ-de-Mars, which contains the works of several talented and distinguished artists, whose names alone would insure success, is highly extolled by a certain public, which, perhaps, thinks that four or five names are enough to make a *Salon* good. In my opinion, this is a mistake. These few artists of undoubted power have been obliged to surround their pictures with works of mediocre merit, and, in order to swell the number of pictures shown to a respectable figure, have found themselves also forced to send canvases of their own which do them no credit; so that I think that their personal success would have been as brilliant at the Champs-Élysées, where they would have had better surroundings. At the Champ-de-Mars, certain artists have sent six, eight, ten, and even as many as seventeen pictures; so that we find a sort of series of little private exhibitions, in which the defects of the artists are occasionally made more prominent by repetition, when they would have been unnoticed in one or two pictures hung among a multitude of others. This inconvenience is particularly serious of the landscape-painters, whose collections look like batches of picture-manufacturers' goods, so uniform in treatment and manner as to excite no interest. M. Damoye, a master of his art, has no less than ten landscapes. The first excites admiration by the delicacy of its tones, its aerial perspective, its breadth of treatment, and its truthful expression of nature. These sentiments of appreciation do not desert one before the second picture; but at the third one does not linger so long, and the tenth is passed as carelessly as if we had already seen it; and if persons interested and skilled in art receive this impression, how much more strongly must it be felt by the ordinary public!

The *Salon* of the Champ-de-Mars comprises only 911 paintings. Thanks to the drawings, water-colors and pastels, engravings and sculptures, it reaches the total figure of 1,409 works of all kinds. We will run through them quite rapidly, and, first of all, let us salute the artist whose truly great works illuminate this *Salon*, M. Carolus Duran. He shows seven portraits and a study of the nude — a woman, seated, seen from behind, a very remarkable work. M. Carolus Duran, who has sometimes shown us portraits brilliantly laid in, but careless, joins, this year, to his qualities as a colorist the merit of having sacrificed nothing in bringing his works together, and any taste may be satisfied among them. Four portraits of women, standing, in elegant toilettes, show the dazzling superiority of the artist from the point-of-view of color. One of these ladies is covered with a fur mantle, opening over a ball-dress entirely of red, the whole detaching itself against a background which is also red. It is admirably skillful; however, we prefer the portrait of a young girl in a gray toilette, relieved against a background of plushy gray. In this the note is more refined and quiet, and the harmony is perfect. But the two most beautiful bits in the exhibition of M. Carolus Duran are incontestably two portraits, heads and busts only: one of an aged lady, in a black dress, the other of a man. Nature is here rendered with astonishing truth and adroitness. Looked at near, these pictures present no dryness of line; the passage from light to shade is indicated by a firm modelling, without hardness, supple, yet not soft. Without violent contrasts, such as any one can make, his figures have a relief which gives to the subject the appearance of life, and makes one think that the picture

is something more than an ordinary portrait. M. Carolus Duran carries off this year one of his greatest successes. We cannot say as much for M. Roll, whose talent, which has been progressing for some years, and reached last year a very high pitch, has fallen this time into an unfortunate mannerism. Out of nine canvases which he has sent, we find only one portrait of a woman which is good. The portraits of Mme. Jeanne Hading and of M. Coquelin the younger, are flat; the tone is fresh, but the figures look as if they were cut out of pasteboard. M. Roll has also signed a canvas, full of a dirty, yellowish-gray color, which he calls "High Tide." This is entirely bad.

M. E. Duez has made a portrait of M. Georges Hugo, which is also not good, and deserves the same reproach of flatness. Happily, beside it we find a flowery meadow, by the same artist, prettily treated, and very fresh in tone.

Every one knows the charm of the little portraits by Bastien-Lepage. M. Friant recalls them in a delicious portrait of a woman, treated in the same spirit and the same style, delicately studied. In another little picture, entitled "Political Discussion," M. Friant shows us four workmen seated at a table, and disputing. The figures, very vigorously painted, have expressions from the very life; the four personages are on a terrace, and the landscape extends into distant depths, full of air and light. Another canvas of large dimensions, from the same artist, represents two naked boys wrestling on the bank of a river, where several of their companions are bathing. There is much talent in these figures, which are life-size, and in the landscape, but we find more emotion and sentiment in the little portrait and the "Political Discussion."

Several other artists appear to have returned to works of small dimensions, and M. Gervex shows an adorable study of the nude, full of charm and delicacy, a bright and enticing little cabinet-picture. In a

very different vein, M. Gervex has grouped around the editor's table of the journal, the *Republique Française*, the portraits of MM. Reinach, editor-in-chief, Spuller, Challemeil-Lacour, Waldeck-Rousseau and Emmanuel Arène. This manner of grouping life-size portraits often gives the peculiar effect of a panorama, or a museum of wax-figures: notwithstanding the talent of the artist, one feels something false, recalling a *tableau-vivant*, and it is better to treat the matter as a *genre* subject, as in the famous battles of M. Meissonier, where almost all the figures are portraits.

We must, however, acknowledge the skill of M. Gervex, and also that of M. Lhermitte, who has shown a panel intended for the decoration of the Salle des Commissions of the Faculté des Sciences at the new Sorbonne. Before a numerous audience, the professor, Sainte-Claire Deville, is delivering a lecture on chemistry; he is surrounded by several other *savants*. There is in this canvas an enormous amount of talent; but M. Lhermitte produces in us a greater artistic sensation with his rustic subjects, taken direct from nature, full of observation, and as charming as nature itself.

To finish with the portraits meriting attention, we must mention those of MM. Edelfelt, Mathey, who has also adopted small dimensions, and M. Courtois, who must be reproached with a rather flat manner. Need I speak of M. Sargent? This pupil of M. Carolus

Duran appeared full of promise; his first contributions to the Palais de l'Industrie recalled the charming qualities of his master, but the artist has wandered away since. This year, both his pictures are bad: disagreeable and harsh in color, and doubtful in drawing. They are two portraits, one of which, that of an English actress, Ellen Terry, in the part of Lady Macbeth, detached against a gray-blue background, looks like an India-ink study of a Byzantine mosaic, rendered with an exaggeration of the tones. It is curious from this point-of-view, but very queer.

M. Stevens, a Belgian artist, but a naturalized Parisian in the artistic world, has sent eleven pictures to the Champ-de-Mars. We venture to confess that we cannot comprehend the enthusiasm excited by this painter, whose work, entitled "The Young Widow," although lauded by some fanatics, seems to us a specimen of a style old-fashioned, finicking and pretentious. Two other Shakespearian figures, Ophelia and Lady Macbeth, want sentiment and emotion, and would certainly be unnoticed without the signature of the artist.

Three pretty "impressions" of true nature, although smacking still a little of romanticism, complete more pleasingly Mr. Stevens' exhibition. We do not understand much better the art of M. Carrière, who sees nature through a gray mist, and whose portraits appear enveloped in a cloud of ashes. This is the more to be regretted, as M. Carrière evidently knows how to draw, which is not the case with all the artists of the new School.

Such a reproach, however, cannot be addressed to M. Aublet, whose collection is charming, clear and luminous. Here one has real open air. The largest of the nine pictures signed by this artist represents some young girls picking flowers in a meadow with tall grass. The landscape is in bright sunshine, and the brilliant light extends over the whole canvas, without any artifices of violently contrasted shadows. Three young girls occupy the foreground; one of them, dressed in a

sea-green gown, harmonizing perfectly with the verdure of the landscape, shows the skill as a colorist of M. Aublet, who has found easier effects in the black and red and cream-colored dresses of the two others. Unfortunately, some of the distant foliage is a little too blue. M. Aublet shows us besides several very charming studies of young and elegant bathers at the seashore, rendered in a very delicate gray tone, which succeeds in giving a bright and luminous impression, notwithstanding the extreme simplicity of the color.

M. Rosset-Granger is less simple in his effects, and his sunlight is more violent; but in his "Holiday Evening in Provence," he has rendered with skill a curious effect of light cast by Venetian lanterns, which illuminate some young girls, standing at the edge of the sea, which extends through the clear night to the horizon.

We must mention also M. Montenard, the marvellous painter of the Southern Sun; M. Artigue, who shows some very pretty little Oriental subjects, and M. Dubuffe, whose sketches of travel are cleverly rendered.

M. Béraud has devoted himself to a kind of work which will always bring him success. A crowd stands constantly around his "Monte-Carlo," in which all possible types of gamblers surround the roulette-table. There is in this picture, which is well composed and amusing, much observation and intelligence, and it attracts quite as



Campanile at Palianza, on Lake Maggiore, Italy.

CHARLES H. ISRAELS:
from sketch made at
Palianza Italy July 21st

much attention as the single canvas of M. Meissonier, who keeps a sentinel always on guard beside his work. "October, 1806," is the title. Napoleon I, on a hill, surrounded by his staff, follows with his eyes a charge of cavalry, which is just discernible on the plain below. Immovable on his white horse, in the attitude of a statue, he forms the central and most interesting point of the picture. Behind him, the generals are in movement. One of them, seen from behind, gives an order, and the gesture is rendered with incredible precision. The whole picture is a real revival of the Imperial epoch, and constitutes one of the most beautiful works of M. Meissonier, a worthy rival of his famous "1814."

We have already mentioned M. Damoye among the landscape-painters; we should also speak of MM. Durst, Roger Jourdain, Cazin and Muenier, without forgetting M. Guignard, who recalls Corot in a pretty little frosty landscape. After mentioning the works sent by M. Ribot, whose portraits, with their black shadows, look like Ribieras escaped from the Louvre, we will terminate our visit to the *Salon* of the Champ-de-Mars with the great decorative picture sent by M. Puvis de Chavannes. I have already had occasion to say that this artist has his fanatical admirers, and his equally fanatical detractors; but, without taking part with either, I continue to believe that the unequal talent of M. Puvis de Chavannes merits at once praise and criticism. His composition, entitled "Inter Artes et Naturam," is destined to decorate the stairway of the Museum at Rouen. In a meadow, planted here and there with little clumps of shrubbery, appear personages, some naked, some clothed, personifying different sorts of studies. The meadow overlooks the valley of the Seine, and one perceives on the horizon the blue *silhouette* of the city of Rouen. All the background is charming, the composition is decorative, and the general tone harmonious; but what is shocking, apart from the defects of drawing, purposely introduced to give an effect of archaism, is the strange diversity, in form and color, of the costumes. It is an incomprehensible and somewhat ridiculous jumble of ancient and modern habiliments. Here is a specimen of a cylindrical shirt-collar; there is a Spanish mantilla; near by are workmen's blouses, and not far off are hunting coats. All this tempts one to laugh, and destroys the charm of some of the figures taken by themselves.

Sculpture is little represented at the Champ-de-Mars, and counts only 83 numbers, from 29 artists. We will only mention some pretty little sketches, cleverly modelled by M. Rodin, and a very beautiful bas-relief in bronze, of small dimensions, by M. Dalou, who also shows the model of the statue of Victor Noir, to be placed on his tomb. Victor Noir (the journalist killed during the Empire by Prince Pierre Bonaparte), lies on his back, in a calm attitude, apparently asleep. There is much talent in this sculpture, which shows, however, plainly the poverty of the resources, in a decorative point-of-view, furnished by the modern frock-coat and the stove-pipe hat.

M. BRINCOURT.

WOLSEY'S "CONFESSIONARY" AT HAMPTON COURT.



CABINET—NAT. MUSEUM—MUNICH.

THE following is Sir J. C. Robinson's description of the Confessionary:—

The public will doubtless wish to have further information respecting the interesting ancient room recently thrown open at Hampton Court Palace. In Walpole's "Anecdotes of Painting in England" occurs the following passage:—"In a small room called the Confessionary, near the Chapel at Hampton Court, Vertue found several Scripture stories painted on wainscot, particularly the Passion. He and Sir James Thornhill agreed that they were much in the style

of Raphael, particularly the small figures and landscapes in the perspective, and not at all in the German taste. These Vertue concluded to be of Luca Penni."

The observation of Vertue and Thornhill was put on record in the earliest years of the last century. Walpole, however, into whose possession Vertue's memoranda had fallen when he compiled his work some fifty years later, does not seem to have taken the trouble to find out the room in question or to have in any way verified the statement. The room and the pictures within it were in fact completely lost sight of for more than a century and a half, and have only just been brought to light again. A year or two ago, on the death of an aged lady who for more than forty years had occupied one of the apartments in the old part of the palace, the room in question, which during her time had served as a butler's pantry, was recognized as the forgotten "Confessionary," and the pictures noted by Vertue were found on the walls, doubtless just as he saw them. Fortunately the room is in close proximity to one of the state apartments in Sir Christopher Wren's more modern buildings, to which the public have access, and thus it has been possible to make a communication with it. The room has now been detached from the habitable suite of apartments, and it will be henceforth open to the public. It has been carefully put in order, certain restorations having been effected by Her Majesty's Office of Works, and the pictures have been attended to under my direction.

Besides the panel pictures a special feature of the room is the splendid decorated ceiling and wall frieze beneath it; both the pictures and the ceiling are doubtless the work of Italian artists working in Wolsey's time. It is supposed that this room was the great Cardinal's private oratory. The old name, the "Confessionary," seems to point to this. There are, however, certain difficulties attending this theory, which perhaps this letter may induce competent authorities amongst your readers to endeavor to resolve. In the first place, the room seems too small for such a use, though it was originally somewhat larger, one end having been apparently cut off when the Wren buildings were erected. Still it would scarcely seem to have been spacious enough to have served the purpose of the private chapel itself; moreover, it contains a fireplace, which would scarcely have been found in a chapel. The series of painted panels, though fitted to the upper part of the walls, as a continuous series, are evidently not in their original position, and it is scarcely likely that they can have been originally designed to decorate this narrow and rather gloomy room. Whatever purpose, however, the apartment may have served, it seems evident that it must have been an important one; this is evidenced by the beautiful ceiling, which is apparently the original one and put up in the place it now occupies.

The pictures, which represent five subjects in the Passion of Our Saviour, are painted in oil on thick oak panels. They are now all joined together as a continuous frieze measuring upwards of 40 feet long by about 7 feet high, but originally they were doubtless divided by pilasters or decorative frames of some kind, which have perished. They have been replaced in the room exactly in the same position which they occupied when found. The ceiling and frieze of the room form a decorative work of the richest and most elaborate Italian Cinquecento style. They recall the celebrated ceilings of the apartments of Isabella Gonzaga in the old palace at Mantua. This ceiling at Hampton Court is quite as fine as any of the latter, and might almost be supposed to have been the work of the same artists. The ceiling is in panels, in the centre of which are the large Tudor roses, surrounded with the richest carved arabesques, dolphins, cornucopias, amorini, etc., and on the frieze beneath is repeated Cardinal Wolsey's motto, "*Dominus mihi adjutor*," in raised letters, and the whole work is richly painted and gilt.

Now as to the pictures. Vertue and Walpole assumed that they were by Luca or, as he is otherwise called, Bartolommeo Penni (perhaps there were two Pennis in England in Henry VIII's time). It is obvious that several distinct hands have been concerned in the series. Besides the Pennis, we know that Girolamo di Treviso and a certain Antonio Toto del Nunziata were in Henry VIII's service. Probably both of these artists may also have had a share in the work. In any case an interesting field for research and critical observation is now opened. That the artists, whoever they were, were familiar with the great contemporary masterpieces produced in Rome is evidenced by the fact that one of the Hampton Court compositions is a copy from the well-known picture of the "Flagellation of Christ" in Trinità de' Monti, Rome—the work of Sebastian del Piombo. Another elaborate composition—the procession to Calvary—very much resembles the manner of Fra Sebastian, and may possibly have been painted from his design.

The coloring and execution of the pictures in general recall the style and technique of the great Veneto-Roman master, which at the period in question, as we know, so profoundly influenced the "Frescanti" of the Raphael following in Rome.

The Hampton Court pictures, in fact, as works in oil, are exactly the kind of productions which would have proceeded from the hands of good but not preëminent masters, originally trained in the severe Roman school and chiefly accustomed to work in tempera or fresco. It seems very likely that Wolsey's relations with Rome led to the bringing over to this country of a little colony of Italian artists, several of whom permanently settled here and became naturalized. Further on in Henry VIII's reign we find our two already-quoted names Anglicised into Antony Tote and Bartholomew Penn. The former was made Sergeant Painter to the King, and both of them

figure in the old accounts of the times as the recipients of annual salaries, occasional gratuities and payments for livery coats, etc., as the King's servants.

There is doubtless much more to be said as to the personality and labors of these old Italian artists in England, and I can only hope that some less busy person than myself will be found to take up the subject. I should add that the old oak "linen scroll" panels forming the dado of the room have been recently collected together from other ancient rooms in the palace and adapted to their present situation. — *The Architect*.



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

INTERIOR OF THE GARFIELD MEMORIAL, CLEVELAND, OHIO.
MR. GEORGE KELLER, ARCHITECT, HARTFORD, CONN.

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

THE GARFIELD MEMORIAL, CLEVELAND, OHIO. MR. GEORGE KELLER, ARCHITECT, HARTFORD, CONN.

EXTERIOR VIEW.

THE DOME.

WAR AND LABOR; TWO SECTIONS OF THE INTERIOR FRIEZE.

GARFIELD AS ORATOR; FROM THE EXTERIOR FRIEZE.

CONNECTICUT AND NEW YORK: TWO OF THE MEMORIAL WINDOWS.

THE ENTRANCE.



Statue of Garfield for the Garfield Memorial. Mr. Alexander Doyle, Sculptor.

A REPRODUCTION and description of Mr. Keller's first design for the Garfield Memorial was published in the *American Architect* for August 30, 1884, and our readers will doubtless find it interesting to compare them with the modified and completed work, which was dedicated on May 30th last. The memorial is situated in Lake View Cemetery in the suburbs of Cleveland, and is built of native Ohio sandstone. The tower is 50 feet in diameter and its top is 180 feet from the ground. The porch at its base is decorated with a frieze divided into five sections, the figures in which are life-size. The central section, which we illustrate, shows Garfield as an Orator, and the others represent him as Teacher, Soldier and President, and as lying in state in the Rotunda at the

Capitol. Within is the memorial hall, which is circular in form and surrounded by a vaulted corridor or vestibule. The marble statue of the lamented President is to stand in the centre of this hall or shrine, beneath a dome supported by pillars of dark-red polished granite, and inlaid with Venetian glass mosaic on a gold ground. The stars and stripes of our national banner have furnished the motive for the decoration of this dome. The hall is richly decorated with stained glass, mosaic and colored marbles. A processional frieze of mourning figures bringing tributes of love and respect, executed in marble mosaic, encircles it just above the arches. The eight compartments of the frieze (two of which are here reproduced) are respectively entitled: War; Labor; Literature; Concord; Law; Justice; the Offerings of Veterans; and Columbia and her Daughter States before the bier of Garfield. The mosaic is in buff and gray tones with a background of deep red. Over the entrance door in the corridor are seated figures, in mosaic, of War and Peace. Four panels of mosaic, two on either side of the door, and ten stained-glass windows, bear female figures representative of the thirteen original States of the Union, and Ohio, Garfield's native State. Two of these windows, portraying respectively Connecticut bearing her Charter Oak, and New York with the Statue of Liberty and an ocean steamer, are among our illustrations. The arms of each State are beneath the figures. The body of Garfield is placed in the crypt beneath the hall. The exterior reliefs were sculptured by Mr. Caspar Buberl, and the cartoons for the mosaic and stained-glass were the work of Mr. H. Walter Lonsdale. The mosaics were executed by Messrs. Burke & Co., of London, Paris and New York, and the stained-glass by Messrs. Worrall & Co., of London. The cost of the memorial has been about \$150,000.

[Additional Illustrations in the International Edition]

ORNAMENTS AFTER LUCAS VAN LEYDEN.

[Copper-plate Engraving.]

OUR readers will find it very interesting to compare with the magnificent specimens of modern ironwork recently published in the *American Architect*, these three ornamental designs in forged iron from the hand of Lucas Van Leyden, the celebrated Dutch engraver of the first half of the sixteenth century, specimens which are most interesting to examine and refer to. The more we study them, the more we wonder at the amazing skill and versatility of certain artists of this now remote epoch, and we cannot examine their productions without astonishment. In what school did these men learn to compose and design architectural ornament? Without broaching any theories on this point, we cannot do better than to imitate until we can excel their achievements. These groups of griffins drawn with so much knowledge, and so gracefully enclosed and finished off, and the four medallions in iron raised with the hammer, are all worthy of careful study.

EXAMPLES OF OLD ORNAMENT.

[Copper-plate Engraving.]

THESE further specimens of ancient ironwork are equally interesting by the side of modern productions, and it is easy to see that these panels in iron *repoussé* are wonderfully well designed and composed, and are executed with skill which it would be hard to equal now-a-days.

HOUSE ON CITY-HALL STREET, VIENNA, AUSTRIA. UNION BUILDING ASSOCIATION, ARCHITECTS.

[Gelatine Print.]

SKETCHES OF IRONWORK. DRAWN BY MR. W. J. N. MILLARD.

STALLS, BOZEN, TYROL. DRAWN BY MR. W. J. N. MILLARD.

MONREALE CATHEDRAL, SICILY. DRAWN BY MR. W. J. N. MILLARD.

FOUNTAIN, TAORMINA, SICILY. DRAWN BY MR. W. J. N. MILLARD.

VILLA AT WOODFORD, ENG. MR. THEO. MOORE, A. R. I. B. A., ARCHITECT, LONDON, ENG.

SEMI-DETACHED VILLAS, LITTLESTONE-ON-SEA, KENT, ENG. MR. PERCY B. TUBBS, ARCHITECT, LONDON, ENG.

THE design we illustrate this week is one of a number now being carried out on this estate. The external walls, chimneys and towers will be of red Elham Valley bricks and Portland stone dressings. The upper portion of front and returns will be half-timbered work in Keene's cement, and the ornamental panels of Brown's foliated tiles in color to match the cement. The roofs will be tiled with Elham Valley red roofing tiles. The windows will have casements,

¹ See Nos. 750 and 755.

and the upper portions divided by small bars into 6-inch squares. This estate, which until recently was comparatively unknown, lies on the south coast of Kent, between Folkestone and Dungeness. The extensive bay is sheltered on the northeast by the heights of Shorncliffe and Dover, and is fanned from the south by the delightful summer breezes from the Channel. The marine picture is one of singular beauty and animation, whilst the neighborhood (New Romney) is full of antiquarian and historic interest. The estate has been laid out with great care. A site has been reserved for a convalescent home. A golf club-house will shortly be erected, the links extending upwards of three miles in length. Sites are also fixed for a church, bank and general post-office. As the Southeastern Railway Company have resolved to co-operate with the projectors of the scheme in an unusually liberal degree, its success ought to be fully assured.



INDIANAPOLIS CHAPTER OF THE AMERICAN INSTITUTE OF ARCHITECTS.

THE Indianapolis Chapter of the American Institute of Architects announces with extreme regret the death of one of its members, Mr. D. A. Bohlen, a Fellow of the former Institute, and President of the Indianapolis Chapter during two years. Mr. Bohlen was born in 1827 in Kattenberge, Hanover, and came to America in 1850. After having travelled over the United States and Mexico he made Indianapolis his home and resided here about thirty-five years. Though confined to this State, his practice as an architect solely was extensive and his works throughout show most scrupulous care in design and construction and they are of more than ordinary merit. Mr. Bohlen was well-known as a very studious scholar of exceptionally high attainments. His integrity in general and his conscientiousness in the practice of his profession were such that he was much honored and looked upon as a criterion by both layman and architect.



[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.]

SUGGESTIONS FOR IMPROVING BUILDING METHODS.

BOSTON, MASS., June 7, 1890.

TO THE EDITORS OF THE AMERICAN ARCHITECT:—

Dear Sirs,—I regret that the terms that I used in my comments upon the hollow roofs, "foolishness and ignorance," should have been imputed to architects. It is the foolishness and ignorance of owners in most cases that put the architect at a disadvantage, and cause so much loss by bad construction.

In the matter of the plaster-board. In mill practice very little use is made of plastering. The defence of ceilings has been customarily brought about by the use of other materials. It, therefore, happens that "the similar combinations of plaster and fibre" which you name as having been specified by architects "for fifteen or twenty years, at least," had never been brought to my attention; nor did they appear to be known by the gentlemen who had brought the plaster-board to me, whose experience has covered very many years in the construction of buildings of every class. Would you kindly name to me the combinations and give the specifications. We have often been consulted, not only by builders, but by many architects on this point, and it, therefore, occurred to me that general attention might well be called to this material technically named as "plaster-board" which has been brought here from Germany, and is now being introduced in this country. Two or three architects in considerable practice in Boston who happened to have seen for the first time the samples of plaster-board that we have at our office, looked upon the material as quite new, and as likely to have a prominent place in the construction of dwelling-houses.

I also venture to say that the rightly constructed plank roof can be placed upon a city building at less cost; that is to say, without "the extra expense of plank-roofing" named by you, as compared to several of the methods of constructing hollow roofs to which my attention has lately been called.

I venture to make one other comment in rejoinder to your memorandum. In reference to owners you say that "most of them prefer both the level ceiling furred down from the roof, which must slope to throw the water off, and the air-space." Now I venture to ask why a roof must slope to throw the water off, if it is constructed of solid timbers and stiff plank? Is not the slope even of half-inch to the foot commonly called for, only in order to prevent puddles collecting which are due to the sagging of the slender or thin materials commonly made use of? If a roof is constructed of

sufficient strength, is there any absolute reason for a slope of any kind? According to my experience snow will blow from an absolutely flat roof where it may collect even on a pitch of half-inch to the foot.

The problem of one-story school-houses has come up of late, where there is plenty of room to build them, and I have ventured to suggest that the roof of a one-story school-house, divided into many rooms and therefore well sustained by frequent partitions, might be made perfectly flat; the seams caulked as in the deck of a vessel; the roof covered with well prepared duck, and then made use of for a play-space in muddy or snowy weather.

The one-story mill of most solid construction, 400 feet long and 75 feet wide, with monitor lengthwise, can now be built in this neighborhood on level, gravelly ground, for seventy cents per square foot of floor or less. It has occurred to me that partitions could be put up either of the plaster-board between studs or finished with the adamant plaster, which is now coming into common use, at a very moderate cost, carrying the whole cost of the building perhaps to one dollar per square foot. I am inclined to think that this would be the most useful, best lighted, best ventilated and wholesome school-house that could be constructed, and I doubt if thirty thousand available feet of floor-space can be provided at as low a cost in any other way. If the building were made only fifty feet wide, the monitor would not be required; then the flat roof would give a play-ground or play-space of twenty thousand feet on a building of 400' x 50'. I should be glad to have you submit your comments upon this somewhat audacious proposition. Very truly yours,

EDWARD ATKINSON.

[ABOUT fifteen years ago a patented material called Fibrous Plaster was introduced in New York and Boston, which has had an extensive sale, but seems to have gone out of use of late. It had the appearance of a loosely woven bagging which had been saturated, so to speak, with plaster-of-Paris or mortar. It was made in sheets, which were screwed to the underside of beams or furring, and finished with a skim coat or hard finish. Our impression is that there have been various things of nearly the same sort in the market since. More lately, the Chalmers-Spence Company has introduced a wire netting, buried in asbestos cement, which we have used in a similar way, with satisfaction. As to the hollow roof, sloping above, the experience of most architects is that some slope is absolutely necessary, with any roofing material, and with roof-beams of any strength. Unless the water runs off somewhat quickly, it will freeze to the roofing, and tear it to pieces, if of solid material, or rot or rust it out, if of tin or composition. Moreover, the pitch must be sufficient to drain the water from the rough surface of tar and gravel, and out of the depressions caused by the expansion and contraction of tin plates—say one-quarter of an inch, at least. If the ceiling inside follows the same slope, the rooms look badly, and, if finished, as in an office-building or tenement-house, will not bring so high a rent as if their ceilings were level. Hence, the air-space made by furring down, is not merely a superstition, but a financial circumstance. Whether duck roofs would remedy the difficulty is considered uncertain by architects. We have known them to stand very well in some cases, while in others, where the same materials were used, and the same care, they lasted only for a short time. The suggestion for a one-story school-house is an excellent one, well worth working out.—Eds. AMERICAN ARCHITECT.]

PLASTER-BOARD.

BOSTON, MASS., June 12, 1890.

TO THE EDITORS OF THE AMERICAN ARCHITECT:—

Dear Sirs,—I am informed by the American Plaster-Board Company that my statement as to the use of the "cat-o-nine-tails" in the plaster-board, is an error. I got this impression from one of the builders who has adopted this plaster-board in a large way.

The material which is made use of is a reed of a different kind, possessing a glazed surface. The reeds are found in New Jersey, and are practically the same as those which have been used in Germany, which are principally obtained from Holland. They are said to be very tough and strong. The makers of the board have substituted for hair a vegetable fibre which is much stronger; therefore both the longitudinal strength and the transverse strength are said to be very much greater than in any samples which I have yet seen.

I think the subject is one worthy of investigation, and I am still of the opinion that it is substantially new as compared to any of the substances to which you have referred as having been in use for the last fifteen or twenty years. Yours very truly,

EDWARD ATKINSON.

ARCHITECTURAL SCHOOLS.

WACO, TEXAS, June 12, 1890.

TO THE EDITORS OF THE AMERICAN ARCHITECT:—

Dear Sirs,—I have been a subscriber for the *American Architect* for several months, am a boy in an office learning the business and wish that you would favor me with a list of the architectural schools in the United States, and which you think are the best, for I am thinking of taking a school course. Yours very respectfully,

GEO. HUGHES.

[THE Architectural Department at the School of Mines of Columbia College, New York; the Architectural Department of the Massachusetts Institute of Technology, Boston; the Architectural Department of the Illinois State University, Champaign, Illinois, and the Architectural Department of Cornell University, at Ithaca, N. Y., are the principal schools of architecture in this country. All of them are good.—Eds. AMERICAN ARCHITECT.]

THE RECOGNITION OF THE ARTIST.

HARTFORD, CONN., June 25, 1890.

TO THE EDITORS OF THE AMERICAN ARCHITECT:—

Dear Sirs,—In illustrating the Garfield Memorial, I think it would be well at the same time to call attention to a marked compliment paid to the profession by Ex-President Hayes, who presided at the dedication. Usually on such occasions the architect is ignored or placed at the tail end of the procession, but at this dedication President Hayes purposely placed the architect in the centre of the circle on the platform, next to the orator of the day. It was not the intention of the Master of Ceremonies to so honor him, as there was no chair reserved for the purpose, not that any discourtesy was intended, but he was simply following the time honored custom of ignoring the architect. This is not the first time that President Hayes has shown his good taste on such occasions. When Quincy Ward's statue of General Thomas was about to be unveiled at Washington, President Hayes took pains to show to the assembled multitude that the artist had some claims to their approbation, as well as the crowd of distinguished persons on the platform.

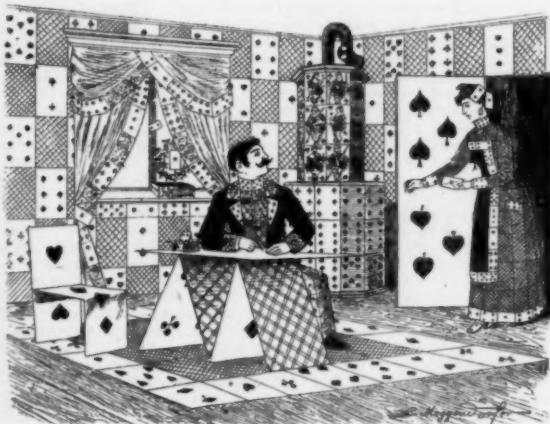
It is not vanity that prompts me to write this, but to call attention to the glaring indifference usually paid to the artist or architect on occasions of this kind, in this country. Abroad, the custom is quite different. I have a photograph of a painting in the Luxembourg Gallery, by Detaille, depicting the opening of the Grand Opera House. On the first platform of the magnificent grand staircase are grouped the officers of the government, but Garnier, the architect, with true French politeness is given the place of honor, while all the beauty and chivalry of France salute him as they ascend to the foyer. When the Hartford Soldiers' Memorial was dedicated, the architect and the two sculptors, Messrs. Kitson & Buberl, drove together in a hack at the very tail end of the procession, surrounded by small boys, advertising wagons, and the rag-tag-and-bob-tail generally.

Yours truly, GEORGE KELLER.

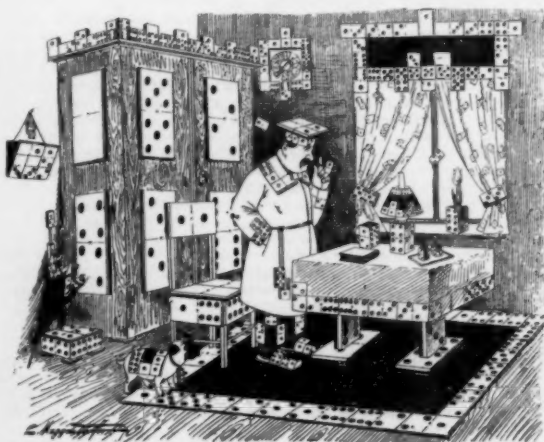
NOTES AND CLIPPINGS

SOME SUGGESTIONS FOR THE FURNISHING AND DECORATION OF ROOMS SUITABLE FOR DEVOTEES OF THE GAMES INDICATED.

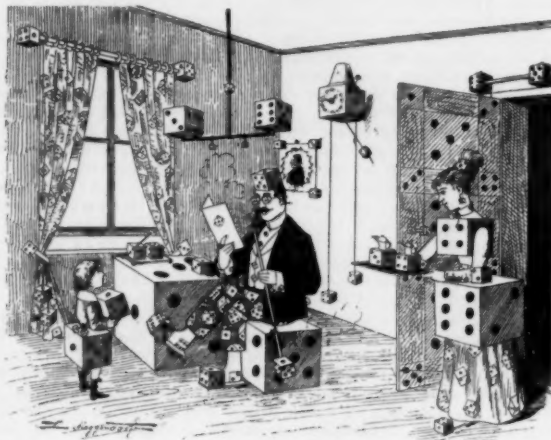
Cards.



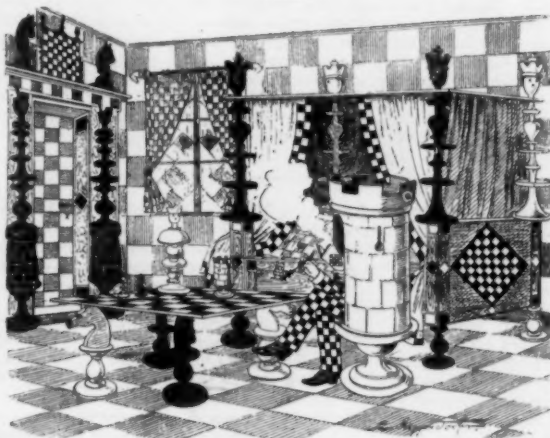
Dominoes.



Dice.



Chess.



From Fliegende Blätter.

THE architect who draws good houses should certainly go upon the stage. — *Chicago Post*.

THE DIFFICULTY OVERCOME. — Wife — "Why, my dear, the architect said this dining-room would seat thirty-five people, and it will not seat half so many. What are we going to do?"

Husband (charitably) — "Really, darling, I don't know, unless we go out and sit on the architect's design." — *Lawrence American*.

EXACTLY LIKE THE BUILDING. — "Dinguss," said Shadbolt, as the two met in front of a hotel, "they say that this building is settling. Can you see any indications of it?"

"No."

"That reminds me, Dinguss, by the way, that you haven't settled for that last \$10 you —"

"I'm just like this building, Shadbolt," said Dinguss, sadly "I can't see any indications of my settling." — *Chicago Tribune*.

AN HONEST ARCHITECT. — Caller — "I have \$10,000 to put into a house, and I wish to select a design." Honest Architect — "Yes, sir. 'John! Show the gentleman the plans of our three-thousand-dollar houses.'" — *New York Weekly*.

THE POOL OF BETHESDA. — Consul Henry Gilman, writing to the State department from Jerusalem, gives the following account of the discovery of the pool of Bethesda: Of the more remarkable discoveries in the ancient city during the year, that of the Bethesda is of paramount interest and importance. As is well-known, the Birket Israel has in the past been considered as the site of the Bethesda; but the excavations of the Algerine monks under the ruins in the rear of the Crusader Church of St. Anne have gradually transferred opinion in favor of the latter locality. This was strengthened by the discovery of a rock-hewn pool containing water beneath three successive structures. Subsequent excavations revealed the remains of two tiers of five-arched porches, the lower tier being in the pool. The intelligent labors of the monks who are in charge of the property have been further rewarded by the recent discovery of another pool containing a good supply of water to the westward of that first discovered, the entire agreeing with the descriptions of the Bethesda as given by the fathers of the church and Christian pilgrims and writers as early as the fourth century. The correspondence in number of the five porches to those mentioned in the gospel of St. John (v: 2) will not escape notice. Steps cut in the rock lead down into the water. An ancient Christian

church in ruins surmounts the whole. The remains of the upper tier of porches extend above the pool at right angles from the north wall of the crypt beneath the church, in which the apse, at the east end, though dilapidated, is still distinctly defined. On clearing away the debris that choked the fifth porch westward of the apse all these discoveries culminated in revealing the remains of a painting or a fresco upon the plaster of the wall in the rear. This discovery was made just before Easter, or about April 18, last. The fresco represents an angel as if descending into and troubling the water, which latter is depicted by conventional zigzag and wavy lines of an olive green, shaded with black, more suggestive of Egyptian hieroglyphics than of modern art, and surrounding the figure on every side. The right hand of the angel was shown as uplifted; but this has been carefully destroyed, probably by the Moslems, after their habits, in the early days of their power. So, also, the face of the angel, which has been battered so as to be completely obliterated. The glory or nimbus above the head, painted an orange yellow, still remains, but little injured. The edge of the pool appears to be indicated by a broad, red line inclosing the painting, and having an occasional rectangular projection into the water, perhaps representing steps or the piers for the porches. On the east of this fifth barrelled arch (the wall extending at right angles) are remains of another figure, also in fresco, much defaced, and supposed to represent the Saviour. Above the head, evidently intentionally mutilated, is a portion of the nimbus, and in the lower outer corner of the painting, part of a blue robe. It is to be regretted that these frescoes, the colors of which were quite bright when first uncovered, have since greatly faded, so that the blue is now a dull, ashy gray. The reds and yellows, however, though lowered in tone, preserve their hues somewhat better. To summarize, these discoveries are as follows: First comes the rubbish covering the ruins, and built upon by the more or less modern Turkish houses; next beneath is the small church, with apse; under this the crypt, with five porches, containing the frescoes; and, fourth and last, underneath all is the pool itself, cut in the solid rock, and with five arches of well preserved masonry. This last, from the historical and other evidence, I have not the slightest doubt is the veritable pool of Bethesda. — *Boston Herald*.

CHURCH ARCHITECTURE IN NEW YORK.—The citizen who has dwelt in Gotham for half a century or so has had opportunity to mark the successive changes in architecture, both of public and private buildings, which have marked different decades. One is particularly struck with it in regard to churches. For full a century previous to 1840 the Grecian style of architecture prevailed, and St. Paul's church, on Broadway, with its Doric columns, built in 1766; St. John's church, on Varick street, erected in 1807, and preserving the ancient Grecian front; St. Peter's Roman Catholic church, on Barclay street, with its white marble portico and pillars dating back some seventy years, and the Dutch Reformed church, on Lafayette place, with its massive Ionic columns of gray granite, are fine specimens of this taste in church art, while the Roger Morris mansion (afterwards occupied by Madame Jumel, widow of Aaron Burr), which was built in 1770 and is still standing at Tenth Avenue and 161st Street, is a noble specimen of the old colonial mansion of Grecian style, sporting its pillars and pediment, such as used to dot the banks of the North and East rivers. With the erection of Trinity church in 1840 a reaction set in in favor of the Gothic style in architecture. It is amusing to recall the objections made to this noble edifice at the time of its construction. It was "High Church," "Puseyite" and "Popish." But since that time one denomination after another has taken up the Gothic style, until you can no longer tell an Episcopal church from a Baptist or a Methodist, and Dr. Hall's Presbyterian cathedral on the avenue is one of the noblest specimens of Gothic architecture in the city. About the same time, too, a change of front took place in domestic architecture, and cheery brick was relegated to the background, while gloomy brownstone fronts were decreed by authority to afford the only decent habitations for families of wealth and fashion. — *Philadelphia Record*.

VENICE AND STOLEN PROPERTY.—Venice, in fact, is one vast museum of stolen property. A self-righteous inscription over the gateway of St. Mark's informs the visitor, with much show of conscious probity, that the four famous antique bronze horses above the portal, "removed by the rapacity of the enemy to Paris" under Napoleon I, were again restored to their proper place by that incorruptible champion of strict international morality, the Emperor Francis. But the glorious team, a work of the sculptors of the Neronian age, had previously been stolen in the thirteenth century by the Doge Dandolo from Constantinople, whither they had been carried from Rome, for his own glorification, by Constantine the Great, who had filched them himself from the triumphal arch of Trajan, who in turn had borrowed them, as seems probable, from the similar monument of his predecessor Nero. Such are the humors of the world and the whirligigs of time. Indeed, if every man had his own again, one might almost say there would be no Venice. The column of St. Mark's with its winged lion would go back to Syria; the square pillars by the Doge's palace would return once more to St. Saba, at Ptolemais; the alabaster supports of the inner canopy would find their way back, men say, to Solomon's Temple; and even the mouldering body of the Evangelist itself, which reposes beneath its pall of gold and jewels below the high altar, would have to migrate to the community from which it was first filched, the Coptic Christians of Alexandria. — *The Cornhill Magazine*.

DISCOVERY OF AN AZTEC CITY.—The announcement is made of the discovery of another forgotten Toltec or Aztec city in Mexico. The site is in a mountainous district of the State of Vera Cruz which does not ever seem to have been visited in modern times save by Indians. The ruins are now hidden by trees and underbrush. Some of the buildings were four and five stories high, and the cornices and windows were skillfully and artistically worked out. The sides of the buildings were

frescoed in colors that appear as bright as the day they were painted. Many inscribed slabs of stone were found. Mr. Leopold Batres, inspector and conservator of the archaeological monuments of the republic, considers the discovery the most important of the kind in many years, and proposes to visit the ruins immediately to prevent the loss and destruction of valuable relics. — *The Illustrated American*.

DISCOVERY OF A CATACOMB IN THE CRIMEA.—A few days ago an interesting catacomb was discovered at Kertch in the neighborhood of the Tahtar quarter. The catacomb in question lies about fifteen feet under the surface, and is divided into three compartments. It is decorated with frescoes representing Hermes surrounded by winged genii, and also with scenes taken from domestic life. The most interesting discovery of all was an inscription, part of which forcibly reminds the reader of the one over Shakespeare's ashes. It runs: "Sorak who never threw away the bone of the poor has raised for himself this sanctuary, and adjures all people that his bones were not robbed and defiled." This adjuration to posterity has been without effect, for the catacomb was already found to have been plundered. — *English Exchange*.

SEVRES PORCELAIN.—Even the historic Sévres porcelain manufactory is threatened with being gobbled by an English syndicate, said to include some of the more important china-makers of Great Britain. Of late years the product of the Sévres works, which always have been under the direct control of the French Government, has been steadily running down in public esteem. The manufactory has received an annual subsidy of something more than \$100,000, but a commission has reported in favor of abolishing that. The annual sale of porcelain produced at Sévres now scarcely exceeds \$20,000. — *N. Y. Sun*.

AN HISTORIC CLOCK.—A representative of the Rothschilds has secured the historic clock of Louis Quinze workmanship which has been for many generations at Milton Hall, Northamptonshire, one of the seats of the Fitzwilliam family. The price paid was £30,000. The clock is said to have been a wedding gift from a foreign prince to a former Countess Fitzwilliam. It stands fourteen feet high. — *Commercial Advertiser*.

TRADE SURVEYS

ONCE more foreign capitalists are exhibiting confidence in certain American railway securities, and a score of schemes are now on hand looking to the transfer of European capital into these channels. Home capitalists are placing their money in many other directions, such as in manufactures, engineering enterprises, in land speculation, etc. This inflow of foreign capital will probably continue and become one more favorable factor in the general industrial prosperity. Among the recently announced schemes are two ship-yards and four steamship lines. Among important inland movements may be mentioned the construction of about one thousand miles of oil and natural-gas pipe-lines, the projection of seven blast-furnaces, four rolling-mills, twenty-five hundred miles of railroad and the prosecution of a very large volume of work in the way of railway facilities, lake craft service, manufacturing extensions, and so on. Prices continue strong in all lines; copper has reached 17 cents on its upward march. There is activity in all the metals. The American iron trade is on a solid basis and production is under control. Crude-iron production is 180,000 tons per week. Foreign crude-iron stocks have declined 351,529 tons in five months. Lake ores are in demand. Steel-rail contracts are reaching American mills. Textile manufacturing interests admit a fair June demand. Hosiery interests are not restricting production as a whole. Hardware, nail and bar-bwire manufacturers are able to keep entire capacity employed. Cotton is in active demand in all American and foreign markets, and prices are firm. Wool buyers are liberal purchasers in all markets. Wool prices are declining slightly abroad on account of the pending tariff legislation. Lumber distribution, so far this year, is roughly estimated at 10 per cent over last year at same time. Anthracite coal output is at the same figure. Eastern shipments of bituminous coal and coke from Pennsylvania and Virginia fields is 1,461,518 tons in excess of shipments at same date last year.

Reports for the past two weeks from builders in large cities indicate that there has been an increase in the number of permits, and a general increase in the preparations for building work during the third quarter of the year. Much new work is coming up, especially shop and mill extension. The demand for machinery and electrical equipments, light and heavy, is said by manufacturers of electrical equipments to have reached the highest limit ever known. A great deal of machinery is being practically cast aside by later improvements, and this is quite an item of expense in many cases. The pressure on machinery-making capacity is very great, and new machine-shops with a capacity for turning out unusually heavy machinery are to be erected in New York, Pennsylvania and Ohio during the coming six months. Financial authorities are agreed that existing trade conditions are favorable. Railway managers, speaking for Eastern railway interests, say that traffic will increase, and that rates will be easily preserved. Commercial authorities do not apprehend any disturbance to credits or to confidence, and believe that the agencies now at work will keep production and consumption nicely balanced. All business interests are anxious for a disposition of tariff agitation, and are averse to the agitations of political issues likely to disturb existing friendly relations. The indications are that production can be safely expanded in iron, coal, lumber, textiles and in building material. There is a sufficient volume of currency in circulation, and commercial paper is promptly accommodated everywhere. In the newer States, business and manufactures are encouraged by increasing banking facilities, by equitable freight rates, and by the quick handling of products and accounts. In labor circles, there is but little to disturb confidence. The two great branches of the labor army, or rather, their leaders, are snarling at each other. The rank and file are more anxious to work than fight, and the leaders have discovered this growing inclination.

S. J. PARKHILL & Co., Printers, Boston.

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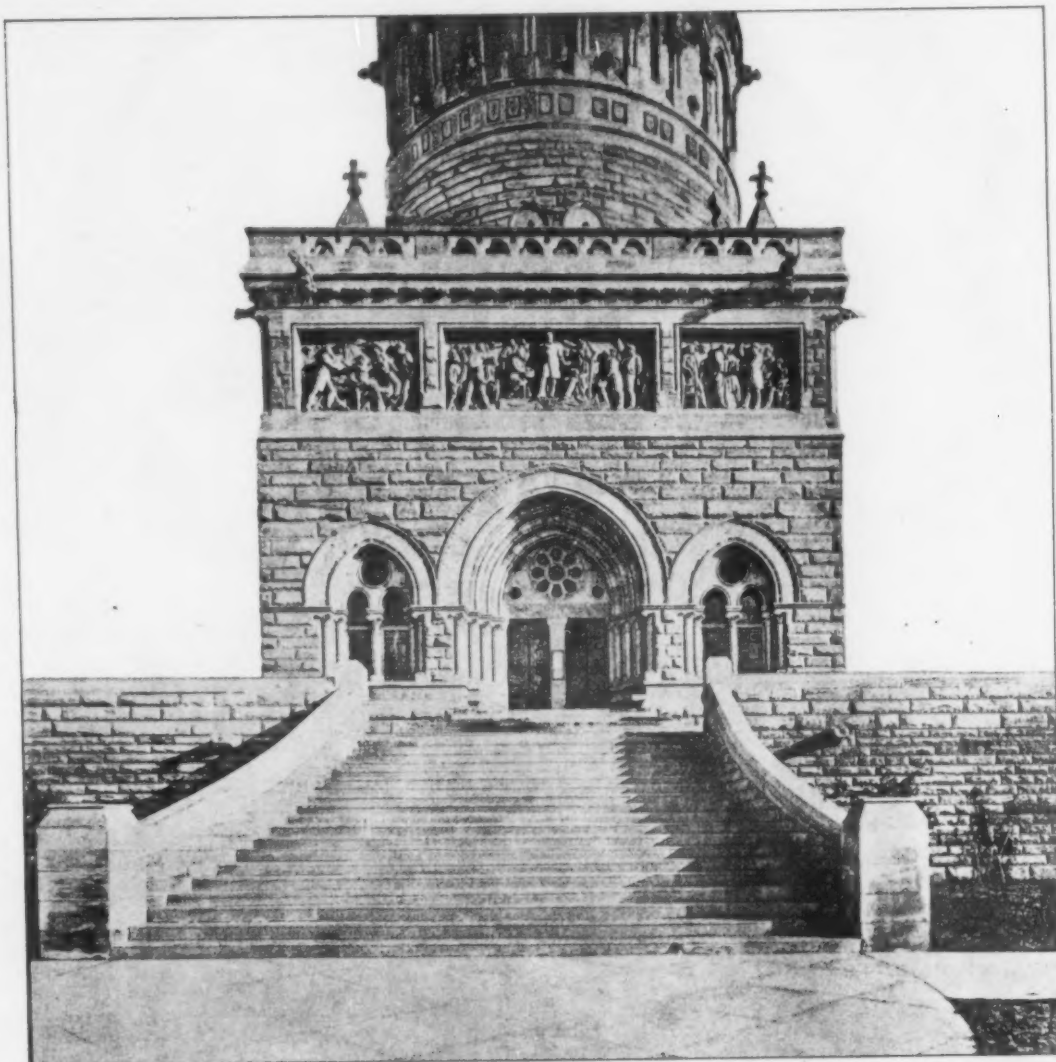
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THE GARFIELD MEMORIAL. CLEVELAND, O.
GEO. KELLER, ARCHT.



THE GARFIELD MEMORIAL.



ENTRANCE.

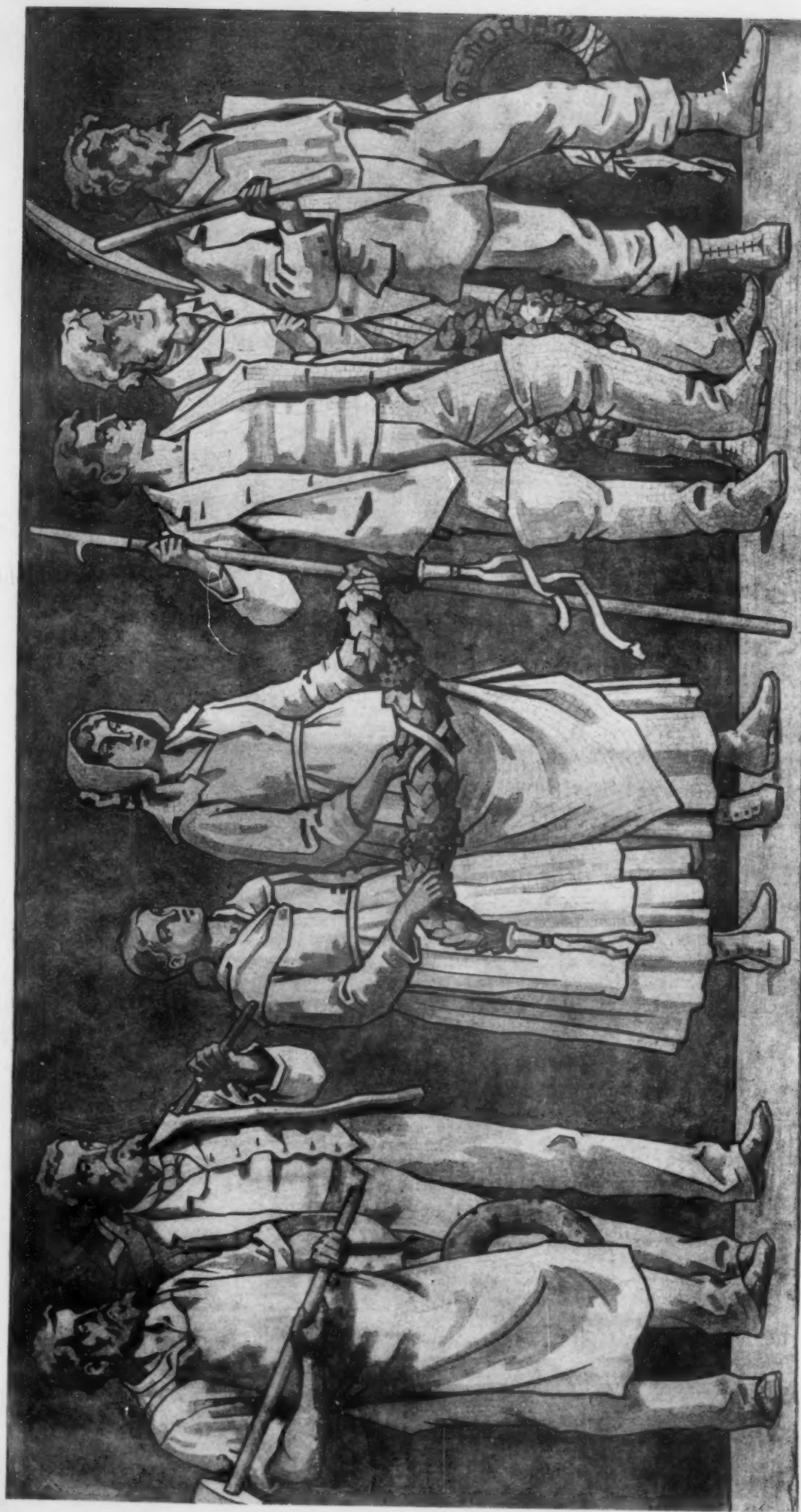
GARFIELD AS ORATOR.



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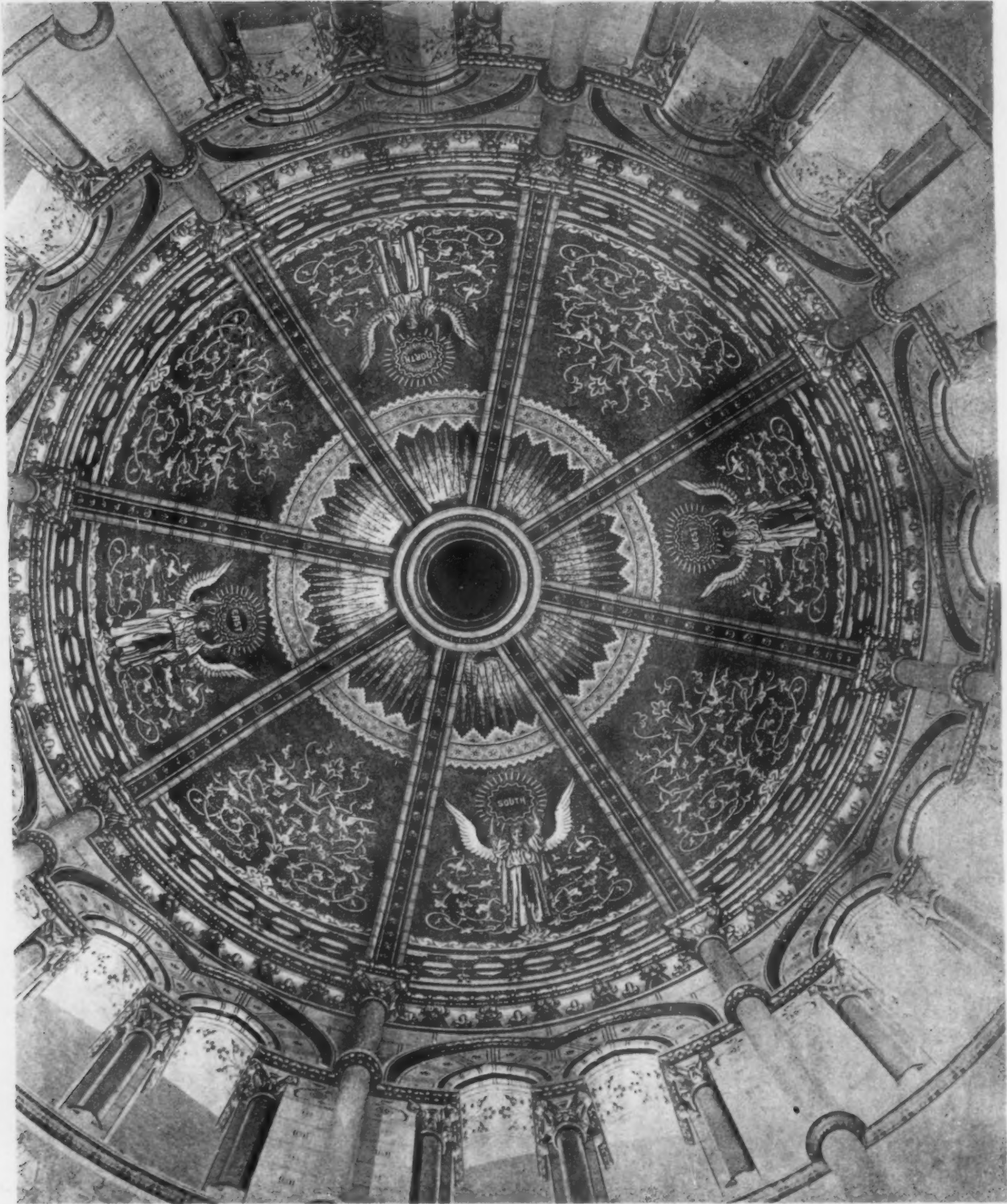


CONNECTICUT.



NEW YORK.

THE GARFIELD MEMORIAL. MEMORIAL WINDOWS.



THE GARFIELD MEMORIAL.

THE DOME.

THE AMERICAN ARCHITECT AND BUILDING NEWS

ADVERTISERS' TRADE SUPPLEMENT.

No. 94.

SATURDAY, APRIL 5, 1890.

VOLUME XXVIII.
No. 748.

ILLUSTRATIONS.

ART TILE MANTEL-PIECES. MADE BY LOW
ART TILE CO., CHELSEA, MASS.

WROUGHT IRONWORK. MADE BY MR. JOHN
WILLIAMS, 544 WEST 27th STREET, NEW
YORK, N. Y.

BOWLING-ALLEY. PATENTED BY MESSRS.
REISKY & WOLFF, ROCHESTER, N. Y.

PENNSYLVANIA GREEN STONE.

OF all stones quarried in this country for exterior construction the most unique and beautiful is the Pennsylvania or Serpentine. It is remarkable for its color, durability and cheapness.

The color is a greyish green, rich, glowing and constant, and is produced by a small percentage of oxide of chromium, irregularly distributed through the stone. No other rock, except the best granite, holds its color so well, neither staining nor fading: it sheds dirt and dust like enamel.

Its durability has been tested from remotest periods. In the British Museum may now be seen Assyrian carvings of the Serpentine. Two houses, still standing in good condition, showing no corrosion or decay, were built of stone from our quarry in 1730, and several others in the neighborhood, excellently preserved, are more than a hundred years old. It withstands the hottest fires. When the Beth-Eden Baptist Church of this city, burned down, the granite columns and the sandstone trimmings were destroyed, but our green-stone ashlar was uninjured, and was again used in the reconstruction of the building.

It is a cheap stone to cut. Like soapstone in composition and softer than most limestones, it can be sawed and wrought like wood. It is the mechanic's delight, being ready and facile, and yielding to his entreaties without violence and with but little labor.

Scientists tell us that "geologically, the stone is allied to the igneous rocks, in many cases appearing to have resulted from the alterations of sedimentary strata by heat. In mineralogy it is classed among the hydrosilicates of magnesia, being an exactly equal compound of silica 43.6, and magnesia 43.4, and about 13. of water." They also represent it as one of "the few fireproof rocks, being

itself of igneous origin, having, no doubt, in many cases, been ejected from vast depths through fissures of the earth's surface. It does not crack or fuse under the highest artificial heat."

The quarry is admirably situated for transportation purposes, being within easy and equal hauling distance of both the Pennsylvania and Baltimore & Ohio railroad systems, enabling us to secure the lowest through rates of freight on all shipments.

Stone shipped in the rough, or cut ready to set, as may be desired. Samples, prices and estimates furnished upon application.

GARRETT & DIX,
3201 WALNUT STREET, PHILADELPHIA, PA.



STEAM AND HOT-WATER HEATING-APPARATUS.

THE Pierce, Butler & Pierce Manufacturing Company, makers of the well-known "Florida," undoubtedly cover the ground in the line of heating-apparatus more completely than any other concern in the world. They manufacture three distinct constructions: a heater, self-feeding for hard coal; a heater, self-feeding for hot water, and also one for soft coal, each perfect and efficient for the use to which it is adapted.

This company not only make these three

different single heaters, but they also manufacture a double-heater in each of the above constructions by placing two boilers in one jacket, the draughts and valves being so arranged that either one or both heaters may be used according to the season. This is the first attempt at a construction of this kind that has ever been made by any concern; and the great demand for the double "Florida," since it has been placed upon the market, demonstrates the satisfaction it has given.

The latest device, which has been added to their list, is what is known as the Florida "Heavy Duty" steam-heater, made specially for large buildings. It is similar in principle to the double-heater, but much larger, and will supply as much as 4200 square feet of radiation. It is made in three sizes, No. 73, 75 and 77. It is constructed of cast-iron, similar to the regular Florida, except that the sections are divided into three parts. This heater has a magazine feed and all the most modern and improved attachments, and all the large valves, tees and other connections are included in its price. It is positively non-explosive; requires no brickwork and is equally as handsome in appearance as the present double Florida. The great demand for the "Heavy Duty" from all parts of the country is the clearest evidence that it is replacing to a great extent wrought-iron tubular boilers.

The above is an exterior illustration of the "Florida" steam-heater for hard coal, which has become so well-known to the public, and is at the present time, after being used for many years, looked upon as reliable and desirable in every particular, thoroughly well-made and of the best materials for such uses. No heater ever put upon the market has upon its honest merits made a reputation that manufacturers all over the country have looked upon with so much envy as the "Florida."

The "Florida" is undoubtedly handled by the finest and largest of the trade throughout the country and is being specified by the leading architects, which is a clear indication of the heater's popularity and efficiency.

The "Florida" hot-water heater is constructed upon the most advanced and scientific principles of water circulation, proven practical and economical in actual use on all classes of hot-water work. Its principle has long been recognized by eminent engineers and experts, who study and investigate such matters, as the best and simplest for heating

purposes, and under every condition the most reliable and quickest circulations are obtained. With this principle the very best results from fuel consumed are realized in use. The "Florida" hot-water heater has a magazine feed, which enables it to run for twenty-four hours or longer without requiring to be supplied with fuel. It contains the full amount of heating-surface claimed for it, and has well earned a high reputation. To all its parts there is an easy access; none of its heating-surfaces are exposed to the atmosphere, but are enclosed in a heavy galvanized-iron jacket lined with pure asbestos. Those who have used the "Florida" hot-water heater can testify to its general efficiency and economy.

The "Florida" heater for soft coal, which has been upon the market for the last three years, was made chiefly to supply the great demand from the inhabitants of those regions where soft coal is a natural product and can be obtained at such a low price. It is somewhat similar in principle to the regular

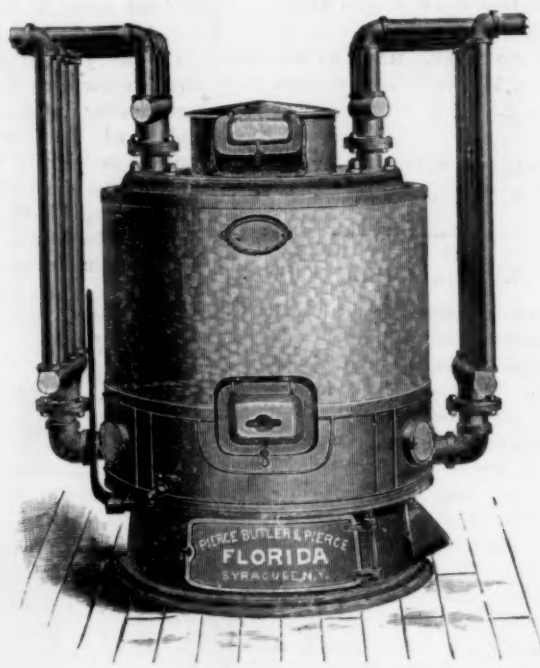
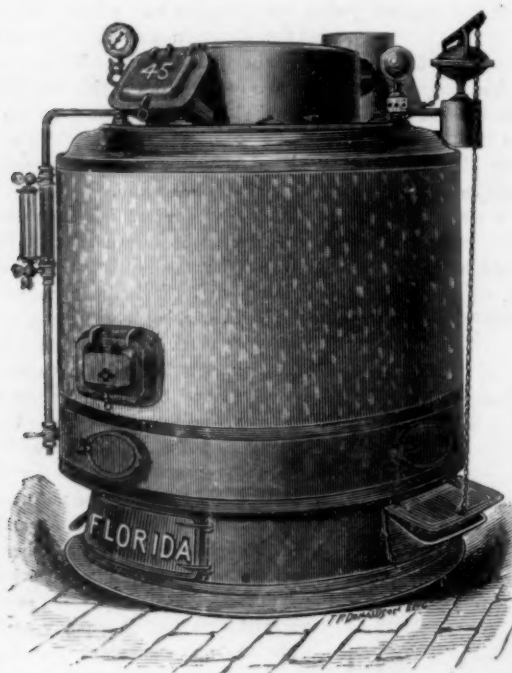
STEAM ENGINE FOUNDATIONS EMBEDDED IN AIR.

AMONG the remarkable examples of bold engineering in the great sugar-refinery of Claus Spreckels, at Philadelphia, Pa., one of the most unique is the hanging or aerial steam-engine foundations. The engines used in this establishment are distributed practically all over the building, a large proportion of them being on upper floors. Some of these engines are bolted to iron beams or girders on second and third stories of the building, and are consequently innocent of all foundation. Some of these engines ran noiselessly and satisfactorily, while others produced more or less vibration and rattle. To correct the latter, the engineers simply suspended foundations from the bottoms of the engines, so that, in looking at them from the lower floors, they were literally hanging in the air. A foundation does service to an engine, or any machinery, it seems, by its weight alone; hence, it makes little difference whether the

The continuous growth of their business has required the successive establishing of Branch Offices, first in Pittsburgh and Philadelphia, and later in Boston and Chicago. The office at Chicago is conducted independently of the New York office, and has been equally successful. St. Louis has always been an objective point, about which most of the Western trade develops, and on the first of January, 1890, Westinghouse, Church, Kerr & Co. opened their fifth branch office at 511 North Fourth Street, St. Louis, from which office the Southwestern business will hereafter be handled. The Chicago and St. Louis offices are now controlling all the trade throughout the West and Southwest to the Rocky Mountains.

The development of a business of this magnitude on conservative principles and by steady growth is a good evidence of what can still be done on the lines of old-fashioned business ideas judiciously mingled with enterprise and responsibility.

WESTINGHOUSE MACHINE CO.,
PITTSBURGH, PA.



"Florida" steam heater, but so constructed that the most perfect combustion of soft coal has been secured without many of the annoyances heretofore experienced in its use. It has no flues and the construction of the combustion-chamber is such that the smoke and gases are all consumed. This heater is very economical in fuel; because the water is confined in narrow spaces, the heat acts upon both sides of each space, and the water circulates horizontally over the fire-surfaces in each section independently, being held in close contact with the fire until it escapes upward in the form of steam.

The Pierce, Butler & Pierce Manufacturing Company fully guarantee every heater turned out of their factory, and the workmanship and materials placed in the "Florida" are the very best that can be obtained. Great care is taken in the fitting up and general construction of the heaters, and the manufacturers take special pains to please their customers in every particular.

PIERCE, BUTLER & PIERCE MFG. CO.,
SYRACUSE, N. Y.

The Whittier Machine Company have recently put into the Water-works at Hyde Park, Mass., one horizontal steel boiler five feet in diameter.

foundation be firmly embedded in mother earth or in the air.

WESTINGHOUSE MACHINE CO.,
PITTSBURGH, PA.

WESTINGHOUSE, CHURCH, KERR & CO. OPEN A HOUSE IN ST. LOUIS.

Five years ago Westinghouse, Church, Kerr & Co. established themselves as Engineers in New York, occupying a small office on the fifth floor. Their business at that time was confined almost wholly to the handling of the Westinghouse Standard Engine. They were immediately successful from the first, and were soon obliged to find enlarged accommodations at 17 Cortlandt Street. This office occupies the entire first floor of the building, and is handsomely fitted up as the headquarters of the Company.

The development of the Westinghouse Junior and Compound Engines has greatly increased their business, and from time to time other engineering specialties have been approved and purchased by them, forming a large item in their business. They confine themselves wholly to the generation and distribution of steam-power, in which department their experience has perhaps been as extended as that of any other concern in the country.

NEW CATALOGUE AND PRICE-LIST

THE Buffalo Door and Sash Company of 9th Avenue and 124th Street, New York City, have issued a complete and copiously illustrated catalogue (price-list attached) of the goods which this enterprising and progressive concern produces.

The catalogue is so comprehensive and complete that every architect and builder will find it a valuable addition to his professional library. This price-list includes within its covers illustrations of absolutely all styles of doors, sash and outside trim now known to the trade, besides a very large number of entirely novel and original designs conceived in the best taste and executed in the most workmanlike manner.

The company have taken great pains and gone to considerable expense to make their catalogue and price-list worthy of themselves and the work it depicts, therefore they confidently present it to the trade as a complete compendium of designs in doors, sashes, blinds, mouldings and all forms of inside trimmings.

The work deserves a more extended notice than it is here possible to give, but as the company will mail the catalogue without charge to any one who will address them a request for the same, enclosing six cents in stamps for postage, we think it unnecessary to do more than advise our friends to send for one of "The Buffalo Door and Sash Company's New Illustrated Catalogue and Price List."

BUFFALO DOOR AND SASH COMPANY,
NEW YORK, N. Y.

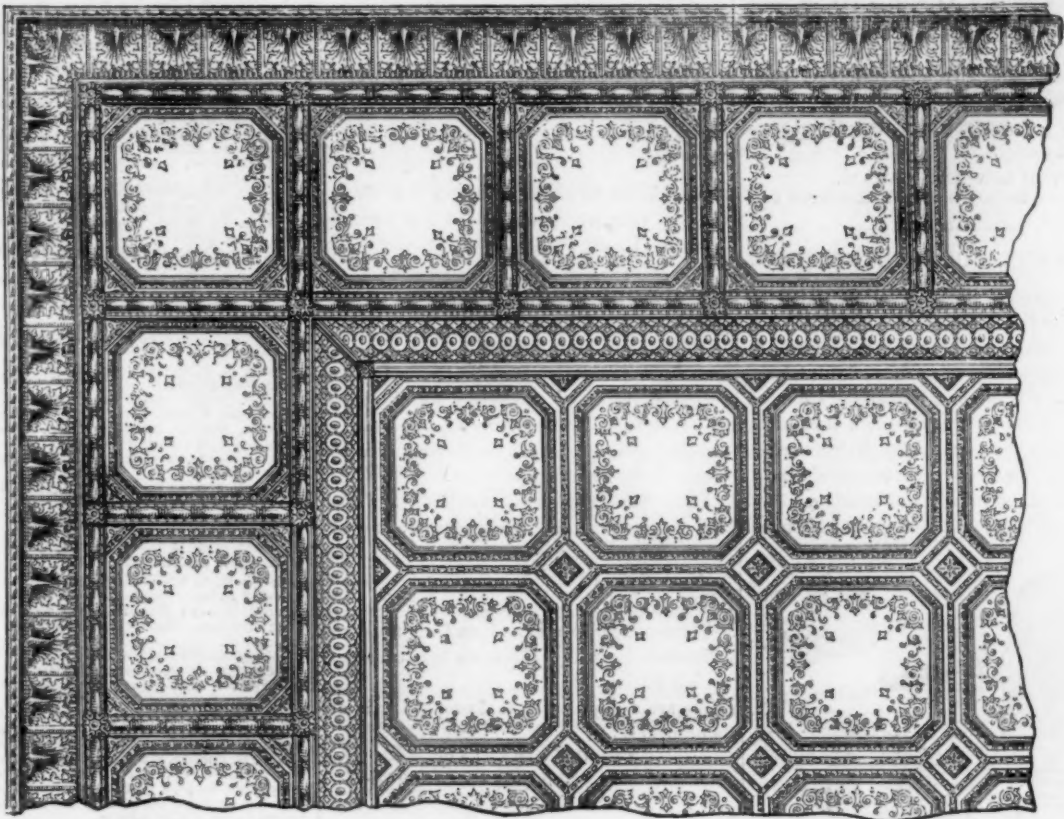
NEW CEILING DESIGNS.

THE many improvements in metal ceilings have changed their character wonderfully, of late. It is only a few years ago, that the only varieties offered the architect were those of

mouldings, which may be lapped together without showing joints. These are a great improvement over plain ones, where it was necessary to cover the joint with a rosette, not always desired. Mr. Northrop is now ceiling two public schools, one of 40,000 square

LOW ART TILES.

THE accompanying illustrations of Art Tile Mantels made by the Low Art Tile Company, of Chelsea, Mass., show the advent of a new era in tile-making. Heretofore all dust tiles



corrugated-iron, arranged in various ways, but always open to much criticism. The impossibility of making such a ceiling that would not show waves and other irregularities, led Mr. H. S. Northrop, after much experience, to stamp sheets for this purpose in decorative patterns, and — as they proved popular — to equip himself with the largest presses for this kind of work.

The illustrations show two of his latest designs. The first represents a ceiling formed of sunken panels of No. 29, sheet-steel, covering 27" x 27". The moulding or style is pressed on the same sheet and the joint is along the line of beadwork, in the recess of the moulding, so that it is invisible. Small wire nails are used to fasten it, driving them between the beads. The border panels have a separate moulding between them. The cove is of an embossed leaf pattern. The mat may be as wide as found necessary. Several other of his patterns are suitable to use with this sunken panel, as a border or otherwise. One of them, a new one, is shown in the next illustration, made by the photo. process, so that it is a perfect representation. This plate is 24" x 24". The joint is invisible. A ceiling can be made of it entirely, showing one con-

tinuous pattern, or it may be diversified with other patterns and mouldings of various sizes. Mr. Northrop now makes several enriched

feet in New York and one of 19,000 square feet in Brooklyn, besides many smaller buildings and shipping orders. This ceiling is more simple in application than any heretofore used, so that carpenters and other have been made on flat planes, and, therefore, no architectural lines could be obtained; only flat surfaces could be covered. At present the Low Company are making tiles and tile-mouldings following almost any desired line, with plain surfaces or with Classical decorations. This opens the widest possible field for the use of tiles for wall decorations. There is nothing new in the idea of facing the walls of a room with tiles. It has been done for centuries by the Persians and the Moors, the Chinese, the Japanese, the Swedes, Russians, Dutch, and in fact by almost every nation in Europe and Asia, but the novelty and the value in the case of the Low tiles lies in their architectural possibilities. Glazed pottery is the most indestructible (by natural processes) material known. It is, of course, absolutely fireproof, and nothing could be more cleanly. Vermin can find no lodgement in walls and ceilings of tile, neither can the germs of disease. From a hygienic point it is perfect. These are some of the utilitarian advantages. From an artistic standpoint what could be more beautiful than a room treated in the delightful colors



tinuous pattern, or it may be diversified with other patterns and mouldings of various sizes. Mr. Northrop now makes several enriched

mechanics, not trained, can do very good work. When properly put up and painted, it is airtight, a very desirable feature, necessary with some systems of ventilation.

Besides his own designs, Mr. Northrop can quickly make dies, from the special drawings of any architect where the size of the order warrants it.



of the Low tiles, with base and cap mouldings for the wainscots, panelled walls, cornice, architrave, spring arches and free columns all treated

HENRY S. NORTHROP,
18 ROSE STREET, NEW YORK, N. Y.

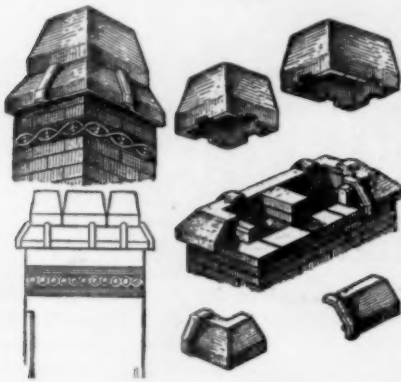
as simply or as elaborate decorations as should be desired? What an exquisite relief from

the ghastly marble so frequently seen in hotels and public buildings, and at infinitely less cost than the same lines and reliefs could be obtained in the latter material and with incomparably more effective color. The illustrations of these mantels only suggest the possibilities alluded to above, yet in themselves they will appeal to all architects, decorators and house builders through their correctness of design, beauty and variety of color, novelty, moderate cost and the many advantages they possess over mantels made of wood or other material.

THE LOW ART TILE CO.,
BOSTON OFFICE, 50 BOYLSTON ST.

TERRA-COTTA CHIMNEY TOPPING.

IMPROVEMENTS will never cease so long as the needs and the genius of humanity exists. Every day something or other is projected to fill a long felt want. The Hansen Salt Glazed Terra-cotta Weather-protecting Chimney Topping, for the proper protection of chimney masonry from the usual early destruction by action of rain and frost, presents the cheapest, most practical, ever ready and lasting material for bricklayer's use in topping out chimneys.



Saves annoyance, repairs and expenses, the usual and too frequent experience of owners. Indorsed by architects throughout the country. Architect J. W. Root, secretary of the American Institute, writes: "Your circular advertising the patent chimney tops was forwarded to me by the ex-secretary of the Institute; I think well of them." D. W. Millard, St. Paul, Minn.; John Gash, San Francisco, Cal.; E. A. Bowd, Lansing, Mich.; T. D. Evans, Pittsburgh, Penn.; Warren H. Hayes, Minneapolis, Minn.; L. J. Swett, St. Albans, Vt.; Chas. D. Marvin, New York, N. Y.; Bullard & Bullard, Springfield, Ill.; Stoltze & Schick, La Crosse, Wis.; E. S. Radcliff, Duluth, Minn.; W. Leon Clark, Washington, D. C., and many others, write of it as admirably adapted for such usages and designed to replace the common brick-corbeled chimney-top, and will last as long as the building stands.

GLOBE VENTILATORS.

It having come to our notice, that certain parties calling themselves the World Ventilator Co., are offering for sale ventilators similar to the globe in construction, and which we are advised infringe our letters patent.

Makers, venders and users of ventilators are hereby notified that the globe ventilators are made under the following named patents, to wit:

U. S. Letter Patent No. 174,304, dated February 29, 1876.	
" " " " 177,280, " May 9, 1876.	
" " " " 383,562, " May 29, 1888.	
Canadian " " 7,517, " June 5, 1877.	

That their validity has been examined and

approved, and that all persons unlawfully making, selling or using ventilators which infringe any of the above named letters patent, will be held to strict accountability, and all infringers will be promptly prosecuted.

GLOBE VENTILATOR CO.,
203 RIVER STREET, TROY, N. Y.

NOTES.

THE Radiator Pedal Valve described in our issue for March 1, is manufactured by the Utica Steam Gauge Company of Utica, N. Y.

WE desire to make it known that during the past year, we have removed our works to Newtown Creek, Paidge Avenue, Setauket and Brant Streets, in the Seventeenth Ward in the city of Brooklyn [known as Greenpoint], where we have built new shops especially arranged and adapted to our business, and fitted them up with the best and most approved tools and machinery for the rapid and economical manufacture of all kinds of architectural, ornamental, and other kinds of ironwork for building purposes.

With these unequalled facilities and our long experience, we can guarantee to our friends and customers, both old and new, the best of work on short notice at reasonable rates.

Correspondence solicited and approximate estimates cheerfully given on contemplated work if desired.

We are also prepared to do repairing in all its branches.

CHENEY & HEWLETT,
207 BROADWAY, NEW YORK, N. Y.

THE arrangement of the electric-lights that the Executive Committee of the Metropolitan Museum of Art, New York, has determined to place throughout the entire building has caused the committee-men a great deal of bother and worry. There were different opinions as to the best arrangement of lights for the galleries of paintings. The question was settled by having the electricians arrange lights according to different methods in different rooms for inspection. At the meeting of the full Committee I. P. Frink's system of reflectors was unanimously adopted. With these reflectors the paintings will be evenly covered with a light without glare and throwing the interior of the room into the shade. Now that this is settled upon, the work of lighting every gallery in the Museum is being rapidly pushed by Mr. Frink, and very soon the Museum will be thrown open on Tuesday and Friday nights.

THE Whittier Machine Company have recently put into the store of Messrs. Beal, Higgins & Henderson, corner of Washington Street and Temple Place, this city, an hydraulic elevator for passenger service upon the hydro-electric system.

BUILDING INTELLIGENCE.

Reported for the American Architect and Building News.

ALTERATIONS.

Denver, Col.—Stout St., cor. Seventeenth St., addition and alteration to terrace; cost, \$30,000; owners, Bennett & Meyers; architects, F. E. Edbrooke & Co.

Curtis St., near Twenty-sixth St., brick addition to dwell.; cost, \$4,000; owner, H. Seradsky; architect, Wm. Quayle.

Detroit, Mich.—Vinton & Co., interior alterations and new front to 264 Woodward Ave.; cost, \$5,000.

APARTMENT-HOUSES.

Brooklyn, N. Y.—Fifty-sixth St., s s, 100' w Third Ave., 5 two-st'y basement and attic, tin roofs; cost, each, \$2,500; owner, Richard K. Fox, 2038 Fifth Ave., New York; architects, H. L. Spicer & Sons, Third Ave. and Fifty-third St.

Chicago, Ill.—Mrs. Henaburg, two-st'y flats, 254 Loomis St.; cost, \$4,000.

C. Levin, two-st'y flats, Wright St., near Fifty-seventh St.; cost, \$2,500.

W. F. Meek, 3 two-st'y flats, 5560 Tracy Ave.; cost, \$3,800.

John Paczynski, two-st'y flats, 9002 Exchange Ave.; cost, \$2,300.

R. Brower, 2 two-st'y flats, Sixty-fifth Ct., near Stewart Ave.; cost, \$5,000.

Robert Laner, 2 three-st'y flats, 533 and 535 Larrabee St.; cost, \$13,000.

Theo. Stricker, two-st'y flats, 1571 Otto St.; cost, \$2,200.

John Kalwiskowski, two-st'y flats, 5127 Bishop St.; cost, \$2,000.

Chris. Anderson, three-st'y flats, 3115 Shields Ave.; cost, \$5,000.

Albert Wisner, 4 four-st'y flats, 2723-2730 Inglehard Pl.; cost, \$10,000.

Albert Wisner, 4 four-st'y flats, 2725 Cottage Grove Ave.; cost, \$5,000.

A. Provost, two-st'y flats, 620 West Taylor St.; cost, \$3,500.

F. J. Tobin, two-st'y flats, Sangamon and Sixty-third Sts.; cost, \$3,000.

Wm. C. Miller, two-st'y flats, 4039 Washington St.; cost, \$2,000.

C. Hase, two-st'y flats, 560 Washington St.; cost, \$2,000.

Patrick Coyne, three-st'y flats, 177 West Twenty-second St.; cost, \$2,000.

Robert Fitzgerald, two-st'y flats, Winter and Forty-fourth St.; cost, \$2,000.

E. Howley, two-st'y flats, 682 West Erie St.; cost, \$2,500.

Mrs. E. Fitzgerald, two-st'y flats, 411 Fourteenth St.; cost, \$3,500.

E. F. Cyman, two-st'y flats, May and Sixty-eighth Sts.; cost, \$2,000.

Wm. Smilie, two-st'y flats, Drexel Ave. and Sixty-first St.; cost, \$4,500.

A. R. Spate, three-st'y flats, 399 West Indiana St.; cost, \$5,000.

Jacob Fonda, two-st'y flats, 2970 La Salle St.; cost, \$2,500.

H. P. Cummings, two-st'y flats, 5744 Dearborn St.; cost, \$2,400.

Jacob Weil, 4 two-st'y flats, Halsted and Fifty-third Sts.; cost, \$10,000.

New York, N. Y.—Ninety-first St., s s, 255' 6" e Fifth Ave., 2 five-st'y brick flats, tin roofs; cost, \$60,000; owner, Adolph Balschun, 120 East Eighty-second St.; architect, Charles Stegmeyer, 306 East Eighty-second St.

Forty-seventh St., n s, 125' w Eighth Ave., five-st'y brick flat, tin roof; cost, \$19,000; owner, Michael Duffy, 34 Fifty-eighth St.; architect, G. F. Pelham, 1481 Broadway.

Twenty-sixth St., s s, 150' e Ninth Ave., five-st'y brick flat, tin roof; cost, \$19,000; owner, Edward Sorensen, 505 West Twenty-seventh St.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

Ninth Ave., e s, n e cor. Seventy-fourth St., seven-st'y brick flat, tin roof; cost, \$125,000; owner, John Conley, 28 West Eighty-fourth St.; architect, G. A. Schellinger, 128 Broadway.

One Hundred and Fifth St., n s, 230' w Fourth Ave., five-st'y brick flat, tin roof; cost, \$20,000; owner, Mary A. Reardon, 169 East One Hundred and Seventeenth St.; architect, Edward Wenz, 1491 Third Ave.

Madison St., Nos. 203-205, five-st'y brick flat, tin roof; cost, \$20,000; owner, Morris Jacobson, 172 Henry St.; architect, Fred Ebeling, 3 First Ave.

Tenth Ave., n w cor. Twenty-ninth St., five-st'y brick flat, tin roof; cost, \$22,000; owner, Daniel McElhinny, 547 West Fifty-first St.; architects, Thom & Wilson, 1267 Broadway.

One Hundred and Twenty-seventh St., s s, 226' 10" w Third Ave., five-st'y brick flat, tin roof; cost, \$24,000; owner, Mary A. Cuff, 2119 Madison Ave.; architect, Andrew Spence, 163 East One Hundred and Twenty-fifth St.

West Thirty-sixth St., Nos. 358-360, 2 five-st'y brick flats, tin roofs; cost, \$40,000; owners, Drought & Carew, 508 West Fifty-first St., 249 West Forty-second St.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

One Hundred and Sixty-third St., with frontage of about 130 feet on the avenues, five-st'y apartment; owner, Stephen D. Hatch.

CHURCHES.

Baltimore, Md.—Immanuel Baptist congregation will build new edifice, n w cor. St. Paul St. and Boundary Ave., to cost abt. \$45,000.

Detroit, Mich.—A. Chapoton, Jr., and Vinton & Co., stone church and chapel, 914 Woodward Ave.; cost, \$103,000.

HOUSES.

Allston, Mass.—Westcott St., double frame dwell., 32' x 56'; owner, H. K. Appleton, Jr.; architect, Samuel J. Brown, Boston; builder, J. H. McLoud.

Baltimore, Md.—J. P. McGovern, 4 three-st'y brick buildings, w s Alsquith St., n Preston St.

J. Frank Griffin, 7 three-st'y brick buildings, e s Madison Ave., n Preston St.

David S. Collett, 12 two-st'y brick buildings, w s Calhoun St., n Baker St.

Geo. J. Mohr, three-st'y brick building, s s Calverton Rd., near Hollins St.

Samuel T. Shipley, 7 two-st'y brick buildings, w s Cedar Ave., s Huntington Ave.

F. O. Singer, Jr., 23 two-st'y brick buildings and three-st'y brick building, w s Cedar Ave., n Bay St.

Henry Westfall, 10 two-st'y brick buildings, n s Clement St., e Covington St.

Louis J. Rode, Jr., 11 two-st'y brick building (sq.) s s Eastern Ave., beg. s e cor. Luzerne St., and 3 two-st'y brick buildings (sq.) e s Luzerne St., bet. Canton and Eastern Aves.

Henry Klittler, 7 two-st'y brick buildings, s s O'Donnell St., bet. Potomac and Hair Sts.

W. W. Watts, 10 two-st'y brick buildings, n s O'Donnell St., beg. s e cor. Canton Ave.

C. A. Pindell, 11 three-st'y brick buildings, w s Linden Ave., beg. n w cor. Robert St., and 3 three-st'y brick buildings, n s Robert St., W. Linden Ave.

Jas. W. Lindall, 4 two-st'y brick buildings, n s Hoffman St., e Caroline St., and 2 two-st'y brick buildings, e s Procter Alley, bet. Chase and Biddle Sts.

Geo. W. M. Crook, three-st'y brick building, n s Lexington St., bet. Entwaw and Faea Sts.

Boston, Mass.—Bay State Rd., four-st'y brick dwell., 30' x 70'; owner and architect, Arthur Little; builders, James Smith and Roberts & Hoar.

DESCRIPTION OF THE CONSTRUCTION

* — OF THE — *

Patent "PERFECT" BOWLING ALLEY.

The alley bed consists of several sections from 10 to 12 feet in length. The sections are joined at the head ends by hardwood tongues and grooves. Each section is composed of a number of maple or hardpine strips, set on edge and firmly glued and spiked together, with a joint in the center, dividing each section into two halves from 20—24 inches in width, thus enabling to run same through a planer. Both halves are held together by $\frac{5}{8}$ " iron tierods about 3' 6" from center.

The sections of the alley bed are supported by cross pieces or girders, which can be of wood (System A) or of T iron (System B). The superiority of System B consists in the iron girders which are not affected by dry rot and by saving about 5 inches in the height of the girders, which is of advantage in low rooms. The cost of System B is about \$1 more per running foot than System A.

Iron cleats are screwed to the underside of the alley sections, catching the flanges of the girders, thus holding the alley bed firmly to the same.

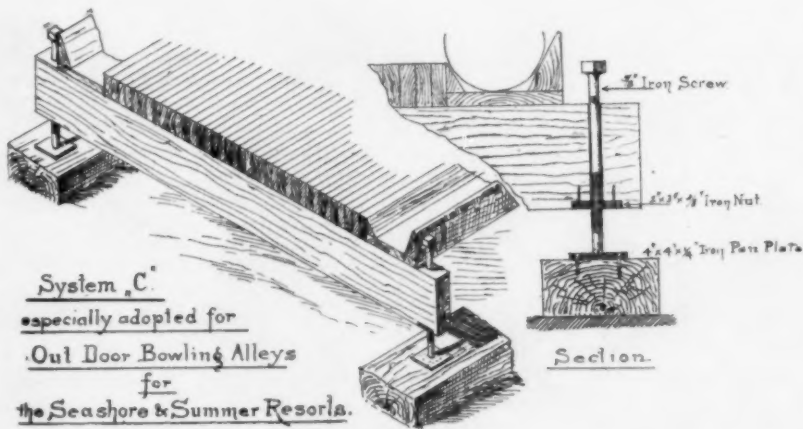
The girders are hung on iron rods with thread, two nuts and washers, to raise the alley to its desired level or force it down, as necessary.

The iron rods rest with the upper nuts on the top board of the wooden boxing; the nut below same will prevent the iron rod to move upward in case the alley or the girder should warp. Slits are cut in the sides of boxing to give access to the nut below top board. The boxings consist of the heavy top plank, resting on studs and boxed up on the sides. The studs rest on a 4" x 4" sill.

On each side of the alley bed are gutter planks laid 1½ inches deeper with beveled strips nailed in the corners. At the players' end a center board, constructed in same way as alley bed, is set flush with the floor.

All balls must be started on this board.

The construction of ball run, receiver, swinging cushion, etc., is clearly shown in the drawing. By raising the alley bed towards the pins, from 1½ to 2 inches, the friction of the balls is increased, preventing the balls running off too quickly.



System C.

Description.

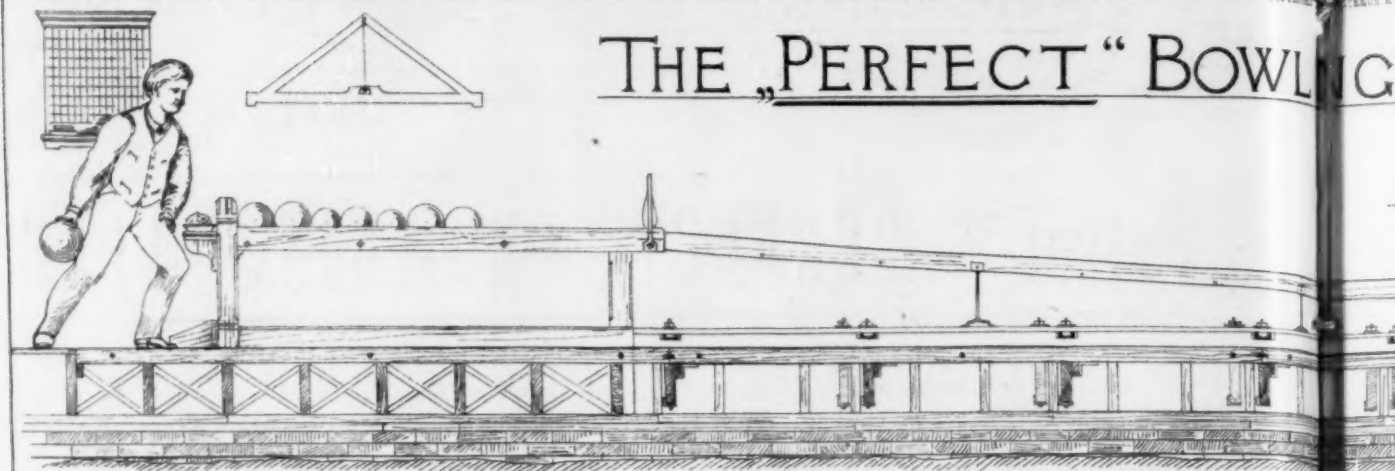
System "C" is perfectly adapted for the temporary use at summer resorts and on the seashore, especially for out-door use. The construction is very simple and the alley can be easily adjusted by the screws resting on iron pan plates.

For foundation, any 4 x 6 or 4 x 8 timber will answer. The cost of this alley is about \$2 less than System "A" with wooden girders, and \$3 less than System "B" with iron girders, per running foot.

For further information, etc., apply to

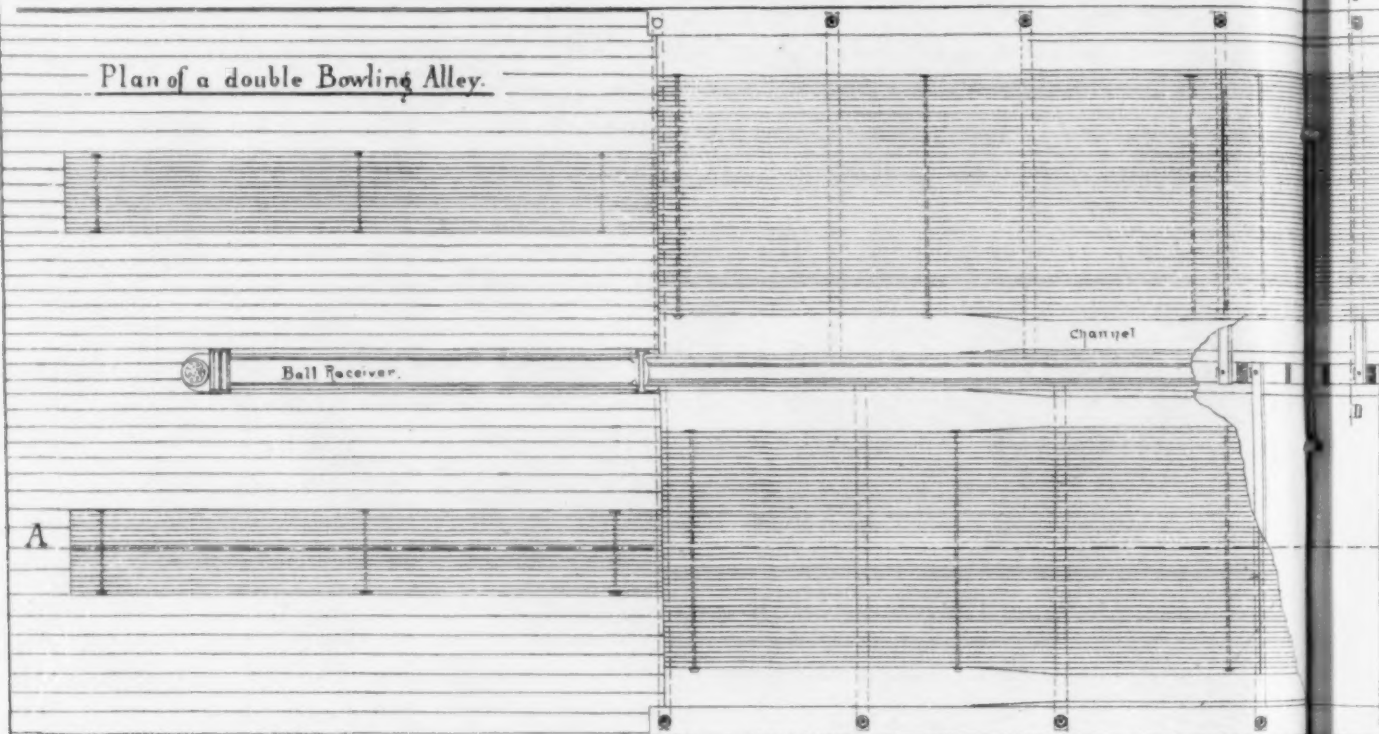
REISKY & WOLFF, 321 N. St. Paul Street, Rochester, N. Y.

THE „PERFECT“ BOWLING

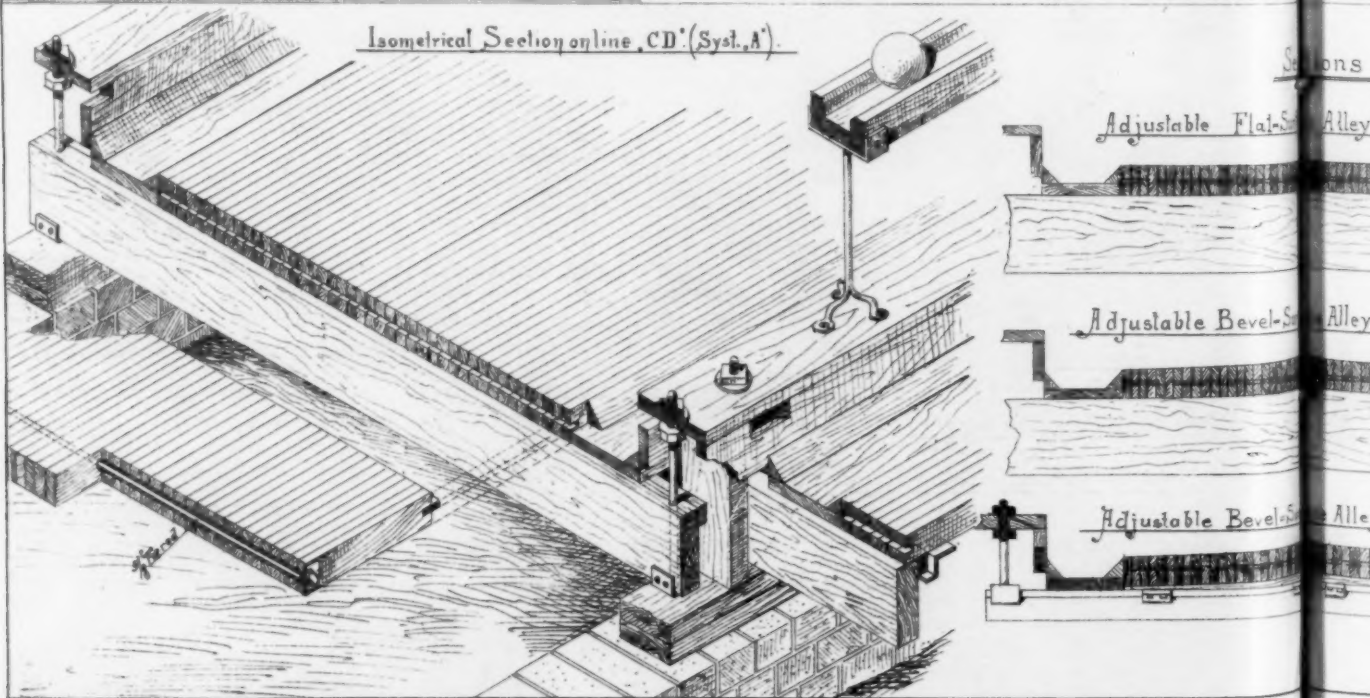


System, A, with wood. Girders.

Plan of a double Bowling Alley.



Isometrical Section on line, CD' (Syst. A).

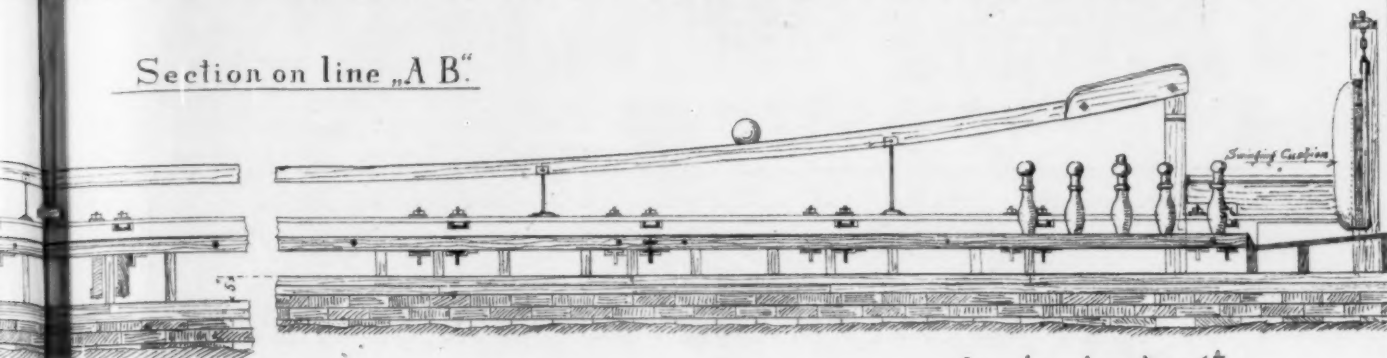


SLIDING ALLEY.

Pat. No. 530,542.
Oct. 17, 84.

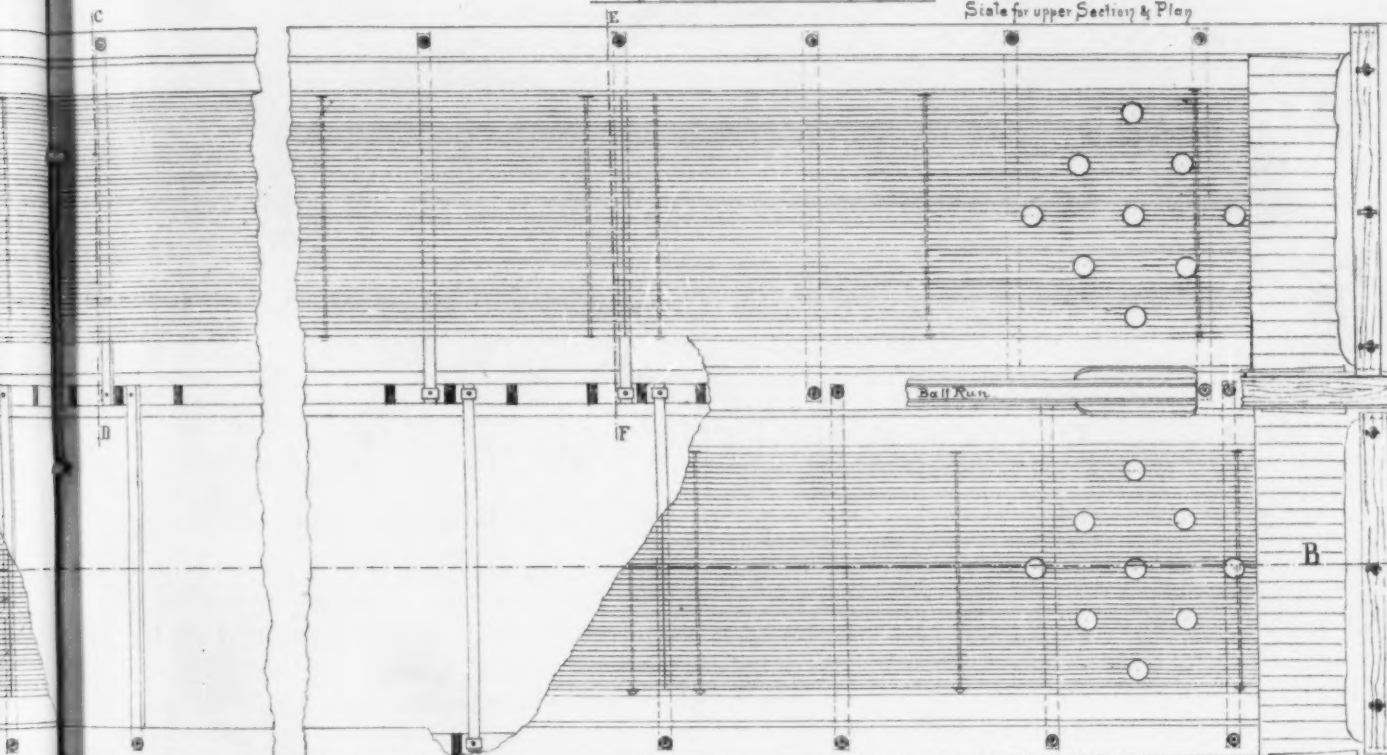
Reisky & Wolff 321 N. St. Paul St. Rochester, N.Y.

Section on line "A B".



System "B" with Iron Girders.

Scale for upper Section & Plan

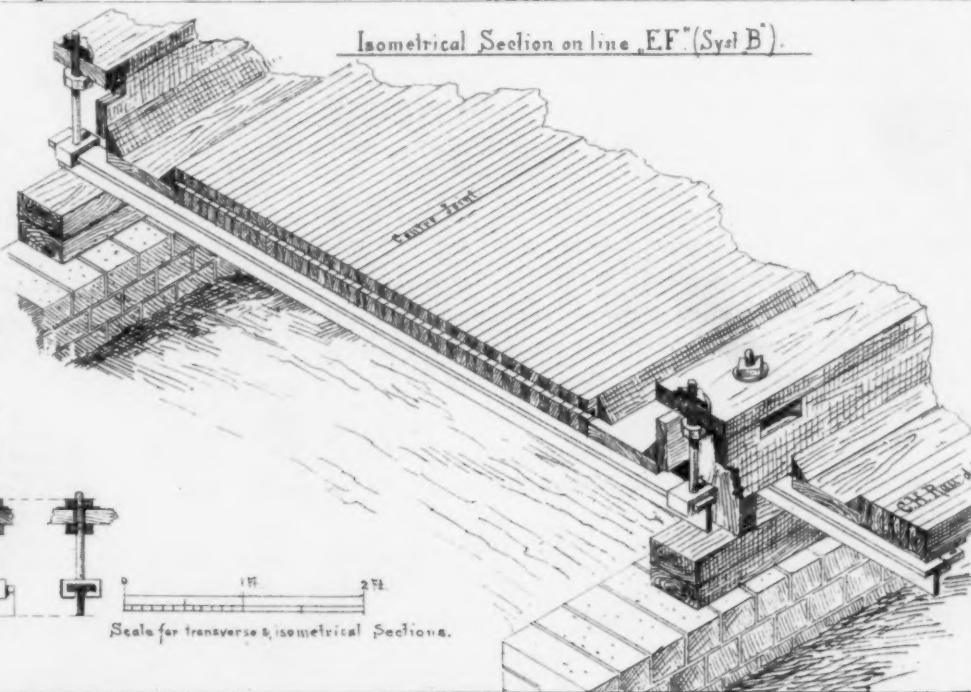


Sections of:

Flat-Sided Alley on Wood Girders, "A".

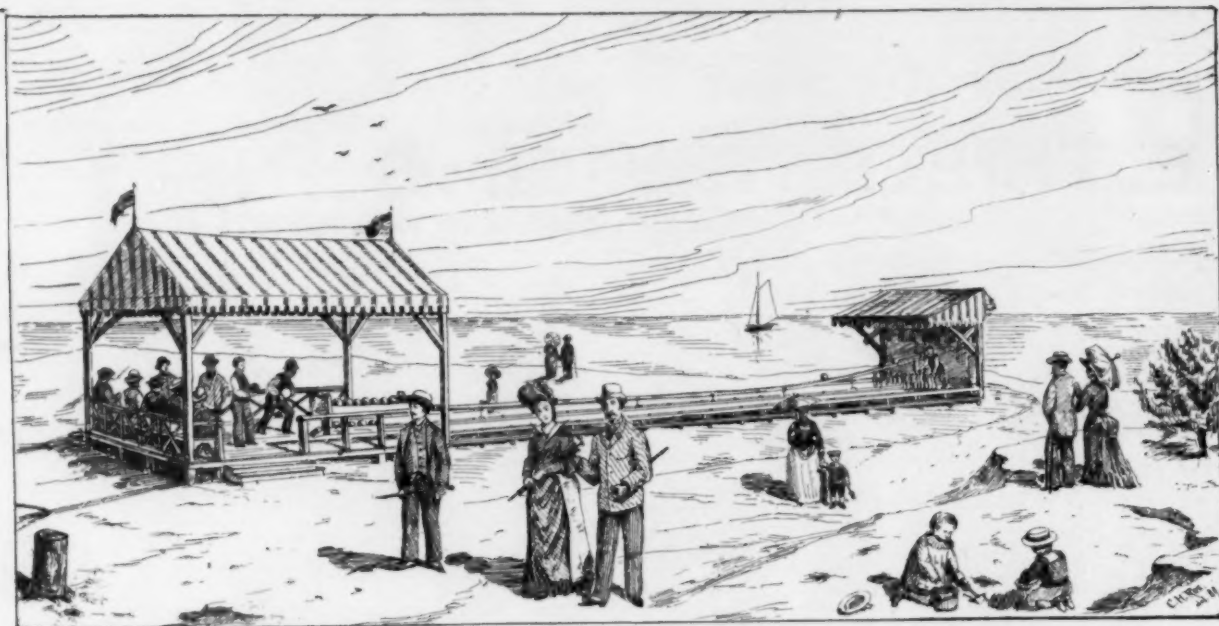
Bevel-Sided Alley on Wood Girders, "A".

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THE "PERFECT" BOWLING ALLEY.

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By means of cross rods the face of the alley can be rounded, and the rounded or bevelled alley is rapidly coming into favor, as it requires a higher degree of skill than the old flat alley—and the bevelling of the surface of the alley bed has the same effect as a longer alley would have. This new alley is built in sections which can be shipped, run through a planer to true it up and laid down again.

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Terrace Ave., near Sheridan Ave., Ward 23, two-st'y frame dwell., hip roof, 24' x 35'; owner and builder, M. J. Curley.

Morris St., near Brooks St., Ward 1, three-st'y frame dwell., 21' x 40'; T. O. Donohue; builder, T. Newby.

Waverley St., No. 13, Ward 25, frame dwell., 23' x 35.11'; owner, Mrs. Jane Grace; builder, H. R. Ruggles.

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Paris St., Nos. 137-143, Ward 2, 4 three-st'y frame dwell., flat roofs, 20' x 31'; owner and builder, E. W. Hargrave.

White St., No. 118, Ward 1, frame dwell., 30' x 50.8'; owner, Mrs. C. M. Simpson; builder, Garrett Dempsey.

Olney St., near Olney St. Pl., Ward 24, frame dwell., 24' x 31'; owner and builder, W. A. Davidson.

Brooklyn, N. Y.—*Floyd St.*, Nos. 200-202, bet. Tompkins and Throop Aves., 2 four-st'y frame dwell., tin roofs; cost, \$4,800; owner and builder, Charles Eugert, 182 Montrose Ave.; architect, F. J. Berlenbach, Jr., 174 Meserole St.

Forty-eighth St., s. s., 100' e Fourth Ave., three-st'y frame dwell., tin roof; cost, \$3,500; owner, John Erexson, 230 Fort-sixth St.; architect and builder, Olaf Mousson.

Lawton St., s. s., 192' 4" e Broadway, 2 four-st'y frame dwell., tin roofs; cost, \$6,000 each; owner, George Straub, 809 Willoughby Ave.; architect, Th. Engelhardt, 905 Broadway.

Putnam Ave., n. s., 280' e Bushwick Ave., 3 two-st'y frame dwell., tin roofs; cost, \$3,500; owner, Wm. E. Riker, 977 Gates Ave.; architect, F. J. Helmle, 203 Rodney St.

Chicago, Ill.—*W. W. Norris*, two-st'y dwell., 347 Troy St.; cost, \$3,500.

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W. S. Manners, two-st'y dwell., 547 Thirty-seventh St.; cost, \$2,800.

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L. E. Randolph, two-st'y dwell., 354 Goodwin St.; cost, \$2,500.

H. L. Hassie, two-st'y dwell., Charlton St.; cost, \$2,300.

E. Sierzenbach, one-st'y dwell. and store, 1451 West Taylor St.; cost, \$2,000.

Detroit Mich.—*John R. Gentle*, 3 two-st'y brick dwells., 350-52-54 Third St.; cost, \$6,000.

F. M. Cottle, two frame dwells., 311-321 West Kirby St.; cost, \$3,900.

H. W. Rickett, two-st'y brick double dwell., 222-224 East Montcalm St.; cost, \$5,600.

Holyoke, Mass.—*Dwell.*, cost, \$6,000; owner, T. D. Brown; architect, G. B. P. Alderman.

Jenkintown, Pa.—*Dwell.*, owner, Mrs. Henry Magee, Wayne, Pa.; architect, T. Frank Miller, 1221 Arch St., Philadelphia.

Newton, Mass.—*Mt. Ida*, frame dwell., 30' x 52'; owner, Lewis E. Coffin; architect, Samuel J. Brown, Boston; builder, Henry F. Ross.

Pennlyn, Pa.—*Two-and-one-half-st'y stone and brick country dwell.*, owner, E. F. Nivin; architect, T. Frank Miller, 1221 Arch St., Philadelphia.

Philadelphia, Pa.—*Larrison St.*, s. s. a Righter St., two-st'y dwell., contractor, B. H. Wilde, James St., Roxborough.

Freston St., s. w. cor. Spring Garden St., 6 three-st'y dwells.; owner, Jas. C. Shedwick, 752 Preston St.

Greenway Ave., n. s. w Seventieth St., two-st'y dwell.; owner, Eliz Belth, 7015 Greenway Ave.

Sixty-fourth St., s. e. cor. Paschal Ave., three-st'y dwell.; owner, John H. Kelly, Seventieth St. and Greenway Ave.

Harrold St., n. s. w Twenty-sixth St., 2 two-st'y dwells.; contractor, E. A. Roth, 1638 North Twenty-sixth St.

Rorer St., two-st'y dwell.; owner, Wm. Mayer, 2062 Auburn St.

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Gray's Ave., s. s. e Sixty-third St., three-st'y dwell.; contractor, Henry Kershaw, Elmwood.

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Mifflin St., s. s. e Broad St., 6 three-st'y dwells.; owner, Hugh McNeill, Ninth St. and Moyamensing Ave.

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Glenlock St., s. e. cor. Knott St., 2 two-st'y dwells.; owner, P. E. Costello, Tacony.

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Penn St., e. s. s Unity St., two-st'y dwell.; contractor, Thos. Baker, 2151 East Cumberland St.

Shure La., s. s. e Pechin St., 6 two-st'y dwells.; contractor, W. F. Raynor, 4128 Pechin St.

Penn St., w. s. w Pechin St., 8 two-st'y dwells.; contractor, W. F. Raynor, 4128 Pechin St.

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Hunting St., frame dwell., 22' x 33'; owner, Matthew Fitzsimmons; builder, John McGirr.

Hilton St., near Lowell St., three frame dwells., 20' x 20'; owner and builder, J. W. Wilbur.

Mountain Ave., frame dwell., 24' x 27', with L, 6' x 13'; owner, W. F. Rice; builder, Wallace M. Rice.

Belmont Pl., frame dwell., 24' x 80'; owner, W. P. Rice; builder, Chas. E. Rice.

Grant St., frame dwell., 25' x 30', with L, 6' x 12'; owner and builder, John K. Ricker.

Gibbens St., two frame dwells., 22' x 28', with L, 12' x 18'; owners and builders, S. & C. H. Williams.

Broadway, near Holland St., frame dwell., 24' x 30'; owner and builder, Frank W. Bickford.

Arthur St., six frame dwells., 38' x 33'; owner and builder, John Stackpole.

Main St., near Fremont St., three-st'y frame dwell., flat roof, 23' x 44'; owner and builder, N. F. Berry.

Park Pl., off Laurel St., frame dwell., 21' x 27', with projections; owner, B. B. Lawrence; builders, Smith & Bradshaw.

Central St., near Medford St., block of 2 two-st'y dwells., flat roofs, 24' x 53', with L, 8' x 13'; owner, William Veazie; builders, C. O. & S. H. Abbott & Co.

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Three-st'y brick dwell.; cost, \$3,500; owner, F. W. Meagher; contractor, M. Henderson.

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Two-st'y brick dwell.; cost, \$4,500; owner, W. Baggott; contractor, C. C. Meehan.

Two-st'y brick dwell.; cost, \$7,000; owner, Mrs. C. Tutill; contractors, E. Mackey & Son.

Two-st'y brick dwell.; cost, \$2,700; owner, C. Brockmeier; contractor, C. Wehking.

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Two-st'y brick dwell.; cost, \$4,500; owner, Geo. Kaufhold; contractors, Bothe & Ratemann.

Two-st'y brick dwell.; cost, \$2,500; owner, Geo. Cregg; contractor, A. Beckhard.

Two-st'y brick dwell.; cost, \$5,000; owner, D. Purdy; contractors, Kelly & Lawton.

Two-st'y brick dwell.; cost, \$12,000; owner, C. A. Wickham; contractors, Anderson Bros.

Two-st'y and mansard brick dwell.; cost, \$3,400; owner, J. Niemeyer; contractor, L. Hormann.

Two-st'y brick dwell.; cost, \$6,200; owner, Mrs. M. Vastine; contractor, A. Johnson.

Four two-st'y brick dwells.; cost, \$10,000; owner, E. Vickery; contractor, H. Vickery.

Two-st'y brick dwell.; cost, \$2,800; owner and contractor, J. Magner.

Two-st'y brick dwell.; cost, \$5,000; owner, A. Simon; contractor, A. Wieden.

Two-st'y brick dwell.; cost, \$2,500; owner and contractor, M. Wiffler.

Two-st'y brick dwell.; cost, \$2,700; owner, C. R. H. Davis; contractor, D. G. Hughes.

Two-st'y brick dwell.; cost, \$2,700; owner, H. M. Minton; contractor, D. G. Hughes.

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Two-st'y brick dwell.; cost, \$3,000; owner, P. Eckhardt; contractor, Aug. Fick.

Westfield, Mass.—*J. A. Lakin*, dwell.; cost, \$9,000; architects, Clough & Reid.

Wissahickon, Pa.—*Sixteen dwells.*; architect, T. Frank Miller, 1221 Arch St., Philadelphia.

OFFICE-BUILDINGS.

New York, N. Y.—*One Hundred and Thirtieth St.*, n. s. 200' w Twelfth Ave., one-st'y iron office, tin roof; cost, \$5,000; owner, City of New York, lessee, Fort Lee Ferry Co.; architects, Arcander & Seabold, Willis Ave., cor. One Hundred and Forty-third St.

RAILROAD BUILDINGS.

Camden, N. J.—*North Laurel Hill Cemetery*, one-st'y passenger station; owners, P. & R. R., 227 South Fourth St.

New York, N. Y.—*Bulkhead Line N. R.*, foot of Thirty-first St., one-st'y iron storage shed, peak gravel roofing; cost, \$35,000; owners, N. Y. C. & H. R. R. Co., Grand Central Depot; architect, Walter Katte, Grand Central Depot.

SCHOOL-HOUSES.

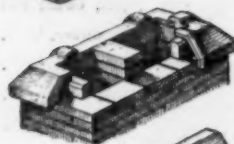
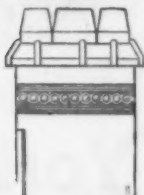
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Philadelphia, Pa.—*Venango St.*, s. w. cor. Myrtle

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Wright St., w Twenty-second St., two-st'y stable; contractor, John Duncan, 905 Chant St.
Little Wayne St., e Lehman St., two-st'y stable; contractor, George Hearst, 427 West School La.
Wisconsin St., w s Morris St., two-st'y stable; contractor, George Hearst, 427 West School La.
Thayer St., n s e Kensington Ave., one-st'y stable; owner, John G. Lang, Thayer St., e Kensington Ave.
Somerville, Mass.—*Berkeley St.*, frame stable, 20' x 30', owners, Lane Bros.; builder, Alexander M. Godfrey.
Church St., frame stable, 20' x 30'; owner, John Kennedy; builders, Gillis Bros.

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 C. Bunge, three-st'y store and flats, 160 Richmond St.; cost, \$7,000.
 E. C. Lippard, four-st'y store and flats, 3308 Cottage Grove Ave.; cost, \$12,000.
 Henry J. Margard, two-st'y store and flats, 300 Kedzie Ave.; cost, \$5,000.
 Wm. M. Roche, four-st'y store and flats, 180 East Huron St.; cost, \$12,000.
 Peter Peel, three-st'y store and flats, 3212 Wallace St.; cost, \$5,000.
 C. Hansen, three-st'y store and flats, 804 West Indiana St.; cost, \$5,000.
 Geo. Winsburg, two-st'y store and flats, 72 Milton Ave.; cost, \$2,500.
 D. Hertman, two-st'y store and flats, Ashland Ave. and Forty-eighth St.; cost, \$3,000.
 Frank Jans, three-st'y store and flats, 408 Twenty-sixth St.; cost, \$10,000.
 M. Holron, two-st'y store and flats, 3001 Buffalo St.; cost, \$2,900.

Denver, Col.—*South Ninth St. and Seventh Ave.*, brick store-building; cost, \$5,000; owner, Chas. Jaderbigan; architects, Baerenson Bros.

Holyoke, Mass.—D. C. Downing, three-st'y brick and stone store and tenements, South Main St.; cost, \$8,000; architect, G. B. F. Alderman.

New York, N. Y.—*Wooster St.*, No. 100, five-st'y brick, iron and stone store; cost, \$20,000; owner, William Menkhoff; architect, Richard Berger.
One Hundred and Fifty-fifth St., n e cor. Eighth Ave., two-st'y brick store, tin roof; cost, \$6,000; owner, Wm. Lynch estate, 60 East Sixty-first St.; architects, Walgrove & Israel, 139 Fulton St.

Philadelphia, Pa.—*Market St.*, s s e Thirtieth St., 10 two-st'y stores; owner, Jacob R. Garber, 52 North Thirteenth St.

St. Louis, Mo.—Three-st'y brick store and dwell. cost, \$4,000; owner, John Brady; contractors, O'Malley Bros.

Two-st'y brick store and dwell.; cost, \$3,000; owner, J. Hoyer; contractor, T. F. Marley.

Two-st'y brick store and dwell.; cost, \$2,600; owner, Geo. Hallock; contractor, Geo. Street.

Brick store; cost, \$4,000; owner, E. Hager; contractor, J. W. Glvens.

WAREHOUSES.

New York, N. Y.—*Twenty-third St.*, n s, 100' w Third Ave., six-st'y stone and brick warehouse; owners, Jordan & Moriarty; architect, Albert Wagner.

MISCELLANEOUS.

Boston, Mass.—*Kingston St.*, Nos. 39-41, five-st'y

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The subject of Builders' Hardware is one which has a direct bearing upon the work of the architect, and is, at the same time, of vital interest to the builder. This book is, however, written primarily for the architect. Our experience has led us to believe that architects, as a rule, seldom go any deeper into the subject than is necessary to decide whether knobs shall be of one material or another, or whether some particular pattern of sashfast will be satisfactory to the owner. It is needless to say that a more extended acquaintance with the subject would do no one any harm, and might even be conducive to much good, if only in the way of providing more fittingly for the needs of the client. This work is not intended, however, to be overcritical in its nature, nor necessarily so exhaustive as to embrace all the inventions and arrangements comprised in the general term of builders' hardware, though an attempt has been made to discriminate between what is merely novel and what is really suitable, and so far as possible the best of everything is noticed under the various heads, and an effort made to represent as nearly as possible the conditions and limitations of the builders' hardware market, as well as to show what is valuable for the uses of the architect.

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Grand Rapids, Mich.—Dr. A. B. Botsford will build a five-st'y red brick and stone business block; cost, abt. \$35,000; architect, S. J. Osgood.

A. J. Brown will build a five-st'y red brick and stone business block; cost, abt. \$20,000; architect, W. G. Robinson.

Palmer, Mass.—Three-st'y brick and stone Masonic and Odd Fellows' Hall; cost, \$15,000; architect, J. M. Currier.

Philadelphia, Pa.—*Market St.*, s s e Thirtieth St., one-st'y market-house; contractor, Jacob R. Garber, 52 North Thirteenth St.

Buttonwood St., n s, w Fifteenth St., one-st'y oil-house; contractor, Jacob R. Garber, 52 North Thirteenth St.

Venango St., s s e Fourth St., one-st'y iron shed; owners, S. Bowen & Son, 150 North Fourth St.

Green and Harvey Sts., three-st'y club-house; contractor, J. D. Caldwell, 205 Wistar St.

Beach St. and Vienna Wharf, two-st'y boiler-house and machine-shop; owner, Hugh Batterson, Richmond and Otis Sts.

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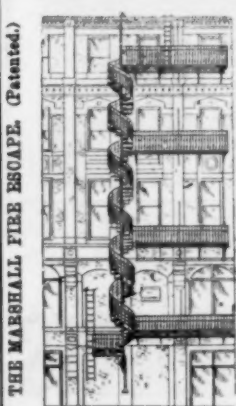
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THE AMERICAN ARCHITECT

AND BUILDING NEWS

ADVERTISERS' TRADE SUPPLEMENT.

No. 95.

SATURDAY, MAY 3, 1890.

VOLUME XXVIII.
No. 749.

ILLUSTRATIONS.

WROUGHT-IRON WORK. MADE BY THE
WILLIAM R. PITT COMPOSITE IRON WORKS,
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PRACTICAL EXAMPLE OF HOT- WATER HEATING.

In a recent issue of the *American Artisan*—that of October 26—we gave an extended account of the hot-water method of heating advocated by our friends of the Detroit Heating & Lighting Company, together with a minute description of the admirable Bolton Heater, whereby they carry it into effect. The arguments then elaborated both by the system and the apparatus were those of the manufacturers themselves, but they were set forth in such a temperate and logical manner, and backed by such an array of scientific evidence, as infallibly to have influenced the judgment of all students of the heating problem. It is not unlikely, indeed, that by their mere publication in our columns the

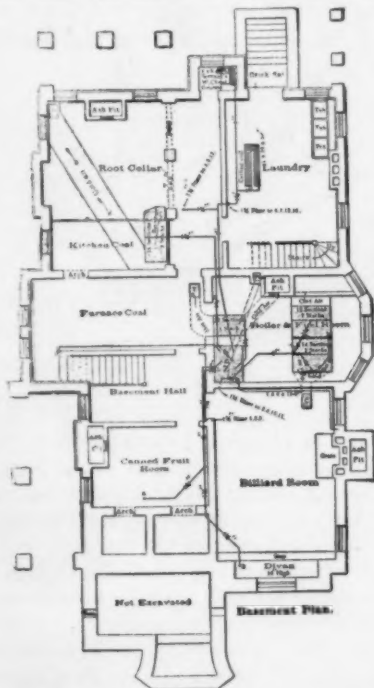
features of a demonstrated success, we now furnish an account—with explicit plans—of its application in a private residence, of a

allude to Jeremiah Dwyer, the well-known president of the Michigan Stove Company, of Detroit, whose house, which is located on Jefferson Avenue, is a handsome brick structure with elaborately carved red sandstone trimmings, the general effect being very rich and pleasing. It is one of the most striking of the many new and costly residences on this fine street, and one of the most elaborately and tastefully furnished houses in the Northwest.

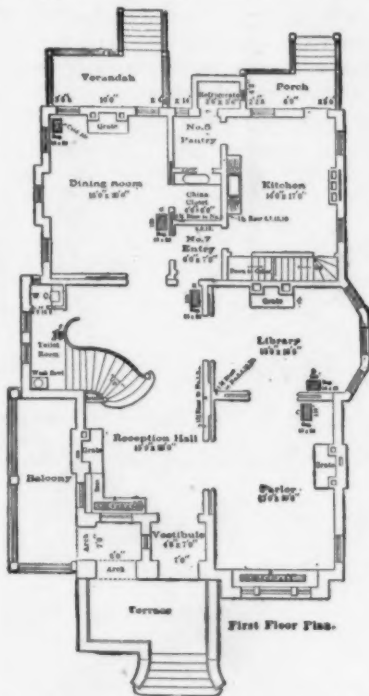
Mr. Dwyer, as a stove man "from way back," looked with suspicion on the new-fangled device for warming houses, but after a great deal of consideration, and, as he says in a recent letter, "after much consultation with his associates," he decided to put in hot water, and we may say he is most enthusiastic over the result of this experiment.

The heater used is a No. 8, two-fire-pot Bolton, located in the "boiler-room" in the basement, as shown on plans.

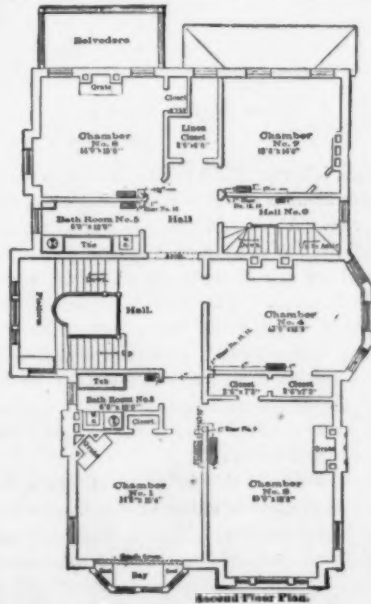
In the basement the only rooms heated are the billiard-room, in which there is a coil on



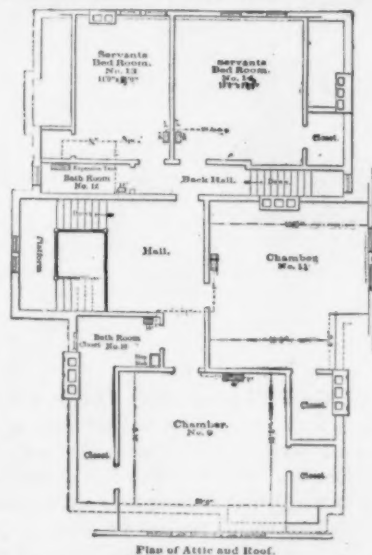
Detroit Heating & Lighting Company have made more converts to their theory, and more friends for their Bolton devices, than if we undertook the silly function of bestowing a blue ribbon on them. We prefer to let our readers judge of the systems and inventions by ascertainable facts, and so, to give them a fairer chance on the heating-system under notice, and this from the



gentleman who may be named as one of the largest stove manufacturers in the world, and



therefore, most competent judge in the selection of appliances of this very kind. We



the wall; and the laundry and a closet, heated by coils suspended from the ceiling.

The cold room in the basement receives air from out of doors which is passed over the indirect radiators and warmed on its way to the registers in the first floor. The air-supply can be regulated according to the weather outside, but always affords an ample supply of fresh, pure air to the rooms above.

On the first floor the radiation is almost entirely indirect, the warmed air being admitted through electro-bronze registers of Moorish design. The direct radiation on this

floor consists of two coils placed under the window seats of the reception-hall and parlor. That in the parlor, on account of the lowness of the window seat, had to be sunk several inches below the level of the floor. Both coils are concealed by antique brass screens.

The second and third floors are heated by direct radiation, the "Perfection" ornamental cast-iron radiator — also recently described in the *American Artisan* — being used throughout. In the bath-room on the third floor is the expansion tank, which is always open to the atmosphere, so that there is never any pressure upon the pipes, except the weight of the water which they contain, and therefore no possibility of explosion.

The plans show the locations of all registers and radiators, as well as of the pipes leading to them. The risers are marked with their diameters, and with numbers indicating the radiators which they supply. Lines of exposed pipe are shown by solid lines leading from the heater, and dotted lines show where concealed supply-pipes are run under the floor. Only the flow-pipes are given, as the return-pipes are run, in every case, parallel and close to the flow-pipes. The whole constitutes the perfection of a first-class heating apparatus, highly effective and economical in its operation, and is an interesting example of the methods of modern hot-water engineers.

The apparatus for this work is, as above

derful adaptability of this system of heating to all ranges of climates, from the blizzard region of the Northwest down to the shelterless Western plains and the stormy Southern gulf. — *American Artisan*.

DETROIT HEATING & LIGHTING COMPANY,
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WROUGHT IRON STAIRS.

THE accompanying cut shows some wrought iron stairs which were recently made by us for the Hier Flats at Syracuse, N. Y. They were designed by Archimedes Russel, architect, of that city, and were made with slate treads and brass hand-rail. The construction is particularly strong, and yet ornamental in appearance.

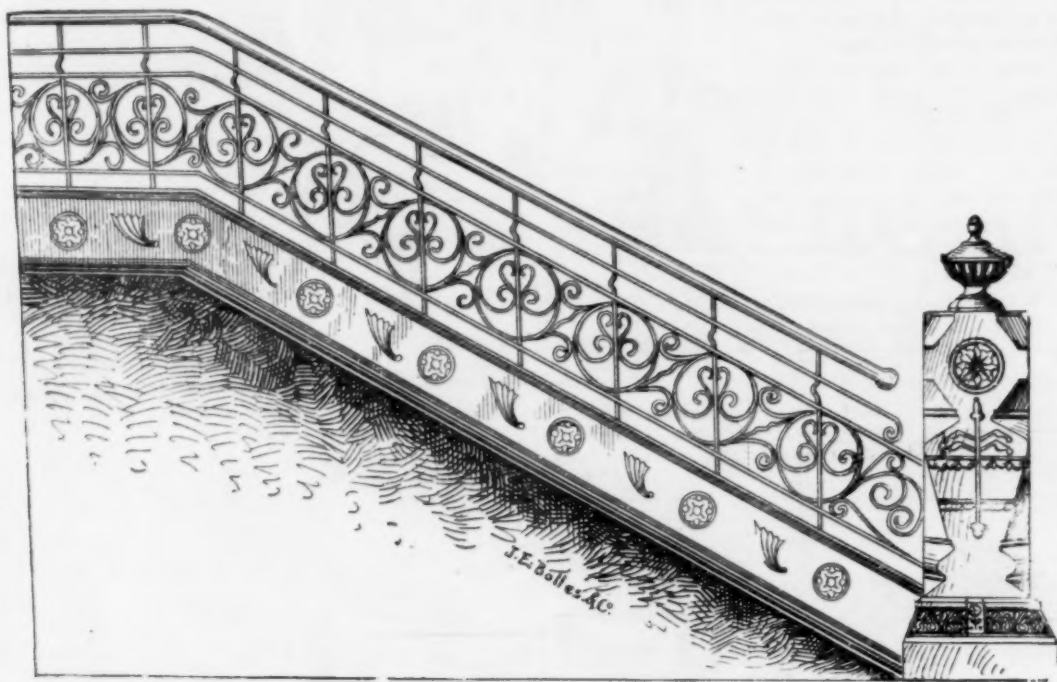
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THE AGE OF ALUMINUM.

THE promise that aluminum would be the coming metal seems to be in progress of fulfillment. It has had to make its way so far against the prejudices and conservatism of those who are slow to recognize the value of anything new, and against the high price of the product due to the heavy expenses connected with the earlier processes of production. The conservative spirit still exists, to a degree, but the developments in the process of manufacture have been such that, whereas two or three years ago the price of the metal was \$12 a

brothers for extracting the metal aluminum and other rare metals from their compounds and producing alloys.

Aluminum is a white metal of bluish tint, and of about the density of chalk. It is about as strong as copper, but the same volume, owing to its density, would weigh about one-fourth as much as copper. It is the metallic base of our ordinary clay, found everywhere, of feldspar, and slate, and is a component of about half the minerals. So it is that, could this metal be cheaply extracted, its source of supply would be inexhaustible. Its properties are such that it is truly a noble metal, having all the properties, excepting weight, of such metals as gold and silver, and in addition, the properties of the more common metals, such as copper and zinc. Deville well named it "silver from clay," at the Paris Exposition of 1855. It is almost safe to say that, alloyed with other metals, a small percentage of aluminum, added to any ordinary alloy, will improve its qualities, rendering it stronger, less tarnishable, and more easily cast and worked. Within a short time an extensive application has been made in Chicago and elsewhere by adding aluminum to molten steel just before pouring into castings, it having been found that one-tenth of 1 per cent of aluminum so added frees the resultant castings from blow-holes, which have been the one great difficulty in the way of the general application



Wrought-iron Stairs.

stated, the well-known Bolton Heater, which has such an excellent record for long and creditable service in the climates of Winnipeg and Montreal. In this country it is manufactured by the Detroit Heating & Lighting Company, and has rapidly attained a wonderful popularity. As a further indication of the extent of the Company's operations it may be stated that they are now putting one of their heaters into the Washington residence of Senator McMillan; one in the remodelled residence of ex-Mayor Wm. G. Thompson, of Detroit, where a \$50,000 fire was recently caused by a defective heating-apparatus; one in the Whitney National Bank, at New Orleans; one in the residence of Mr. Jarvis Richards, president of the First National Bank at Chadron, Neb.; and one in the residence of W. W. Spalding, of Duluth, Minn. This also shows the won-

derful adaptability of this system of heating to all ranges of climates, from the blizzard region of the Northwest down to the shelterless Western plains and the stormy Southern gulf. — *American Artisan*.

The history of this industry, in which the late Edwin Cowles, editor of the *Leader* and president of the Cowles Electric Smelting Company, took such an important part, together with his sons, Eugene and Alfred H., is extremely interesting. Through them was introduced the method invented by the Cowles

of steel to all forms of castings. Even this small percentage of aluminum also materially lowers the melting point of the steel, thus still further contributing towards the successful making of steel castings. By this same means pure wrought iron can be melted and poured into ductile castings, a result never accomplished without the use of aluminum. Aluminum added to brass greatly increases its strength, and castings can be made almost equaling steel in strength. Aluminum added to pure copper gives a series of alloys which are used as imitations of gold, and the alloy of nine parts copper and one part aluminum is the strongest known copper alloy. With manganese, copper and aluminum are secured some beautiful white alloys, superior to the nickel silver made from nickel, copper, and zinc. In many other combinations aluminum

is giving results that are entirely unlooked for and new to the arts.

In 1885, at the meeting at Ann Arbor, of the American Association for the Advancement of Science, the Cowles brothers first made public a description of their electric furnace, wherein they had succeeded in reducing aluminum and other rare metals and producing alloys by a method cheaper by far than had ever been done before. This process is carried on in a carbon-lined chamber, with air excluded to prevent the carbon from burning. The furnace is heated by powerful electric currents. The temperature attainable, unlike that in ordinary fiery furnaces, is practically unlimited, and every compound that goes into the furnace must suffer decomposition. The results possible with this furnace are almost without number.

The discovery of this novel process and the possible cheapening of the products, including aluminum alloys, immediately gave an impetus to the investigation of methods of separating aluminum by means of electricity. The Cowles brothers established a large plant at Lockport, N. Y., where they have since steadily employed some of the largest dynamos the world has ever seen.

Within the last year and a half, C. F. Hall, an Oberlin student, who, through the development of the Cowles process, became interested in the subject of aluminum, started the Pittsburgh Reduction Company. As the Cowles boys had made their first experiments with a piece of a chimney flue and a borrowed current of electricity from the Brush lighting station in Cleveland, so Hall secured his first aluminum in an oyster can. The Hall and the Cowles processes, which may be said to be modifications of one process, both the products of Western Reserve brains, have inaugurated the aluminum age. At the last meeting of the American Institute of Mining Engineers at Washington, D. C., an entire session was devoted to the consideration of this topic, and eight or ten valuable papers were read. The so-called Herault process from Neuenhausen, Switzerland, was described, but it seemed to be the unanimous opinion that it was nothing more than the Cowles process in a foreign land where no patent laws existed. Professor T. Sterry Hunt, of McGill University, recently

said: "The importance of this new instrument, which the Messrs. Cowles have placed in the hands of chemists for producing and controlling degrees of temperature never before attained can scarcely be estimated, either in its economic or scientific aspect. The heat of this furnace realizes the dream of the alkahest, or universal solvent of the alchemists."

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Yours respectfully,
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195 & 197 FULTON STREET, NEW YORK.

NOTES.

THE Springfield Foundry Company of Springfield, Mass., builders of elevators, have recently put in for the elegant new hotel in Schenectady, N. Y., "The Edison," one of their Atlas hydraulic elevators, with quartered oak car, fitted with bevelled plate mirrors, plush seat, annunciator and electrolier. This style of elevator shows a very large percentage of efficiency for the amount of water used, or from 75 to 80 per cent. This is equal to the efficiency of the Direct-Lift or Hydraulic-Plunger elevator which has always been considered more powerful than any form of horizontal elevator engine: but since the introduction of the Atlas this is no longer true.

WHAT IS blackening of shingle work?

The question is often asked whether creosote preserves the color as well as the wood when used as an exterior stain. There seems to be no doubt that it does so. Probably the reason is that the lower forms of organism and fungi, which are so fruitful in causing the

blackening in oil paint and stains, are prevented by the addition of creosote, which is a strong germicide.

THE Whittier Machine Company have recently constructed for the Newton & Watertown Gas Company for their works in Newton, Mass., three horizontal steel boilers, each six feet in diameter. Also for the Providence Dyeing, Bleaching & Calendering Company, of Providence, R. I., two horizontal steel boilers each six feet in diameter, and have put into the Massachusetts School for Feeble-minded and Idiotic Children, at Waltham, Mass., a complete steam-heating apparatus, including three of their steel boilers.

THE Springfield Foundry Company of Springfield, Mass., have recently placed in Cooley's Hotel in Springfield, one of their Titan hydraulic-plunger elevators, this being the third of this style of elevator in the hotel. Cooley & Company say they have not spent five dollars in repairs on the first of their plunger elevators, which has been in constant use for ten years. They naturally consider it superior in durability, simplicity and safety to any other style of elevator. Also for the Rockville (Conn.) Gas Light Company one of their Titan hydraulic-plunger elevators for the purpose of raising coal to the charging door of the water-gas generator. For all purposes of this sort there is nothing more compact, convenient and satisfactory than the Titan plunger elevator.

THE Whittier Machine Company have recently put into the building corner of Broadway and Fulton Street, New York City, for John Duncan's Sons, an hydraulic elevator for passenger service operated upon the Pressure-Tank system. They have also put into the Central Block at Lowell, Mass., two hydraulic elevators, one for passenger and one for freight service.

THE Globe Ventilator Company report the sale of 6 36-inch ventilators to the Apollo Iron and Steel Company at Pittsburgh, Pa., for ventilating the galvanizing room.

THE HANSEN

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— PATENTEE, —

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Negotiations are pending for their early manufacture in other States.

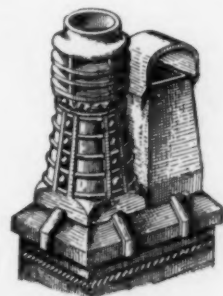
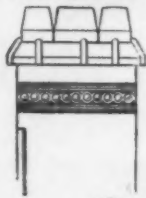
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Fine Bronze Hardware, Bank, Office and Stoop Railings in Bronze or Brass. Antique Furniture-Trimings. Electrical and Mechanical Bell-Hanging Burglar-Alarms.

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Something New for the Stable.

Read's Patent Harness Bracket.



An Article long wanted but never before made.

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

Each bracket lettered "J. J. Read, Boston, Mass." For sale by dealers everywhere. Indorsed and approved by the following named gentlemen, all of whom have them in use:

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

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

Also cedar-top riding-saddle bracket. Price \$3.50 each. And whip-rack for English coach and straight whip combined. Price 50 cents each.

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

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PUBLICATION OFFICE OF THE

New England and the South.

ADVERTISERS

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An Illust'd Monthly.

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Cesar's Head Hotel (less than a day's buggy ride from Mr. Vanderbilt's Extensive Purchase at Asheville, N. C.) with park of 223 acres. Price \$35,000, \$5,000 cash, balance in annual payments.

One Million Acres Timber Land in North and South Carolina from 75 cents to \$1.00 an acre. Vineyards, Plantations and large unimproved tracts of land for Colonies.

Southern Village, comprising Cotton Mill 100 x 60, 3 stories, capacity 5000 spindles; warehouses, store, cotton gin, flouring, grist and saw mills, president's and superintendent's residences, 35 houses, 3 stables, and 288 acres land, now doing profitable business. Price \$25,000. \$5,000 cash, balance in annual payments.

A Palatial Southern Home. In famous Nacoochee Valley, fine house and out-buildings upon which more than \$75,000 has been expended, 2,500 acres, adjoining a gold mine with capitalization of \$2,000,000, the same vein extends through this estate. Price \$28,000, including blooded stock, machinery, etc. Apply to Capt. J. H. Nichols, Nacoochee, Ga. or to Geo. H. Chapin.

"Grand View Hotel" with 3,000 acres at Tallulah Falls, the "Niagara of the South," valuable gold deposits, over a mile of water-power, one of the best localities for an industrial town in the South. Price \$85,000, easy terms. Apply to W. D. Young, Tallulah Falls, Ga., or to Geo. H. Chapin.

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A Street Railway in prosperous city that has doubled its population during last 5 years. Price \$10,000. Will sell whole, half or quarter interest. Illustrated descriptions mailed postpaid on application to

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"YOU PUSH THE BUTTON, WE DO THE REST,"

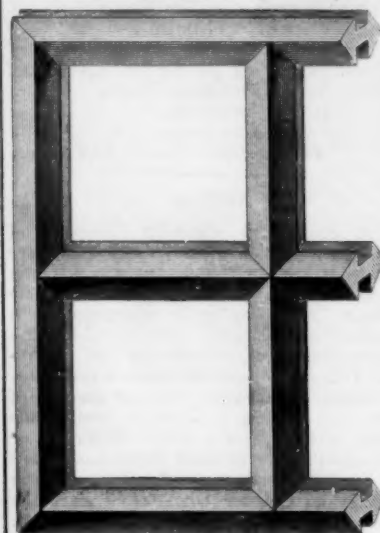
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The attention of Architects, Engineers, Manufacturers, Builders, Railroad men, Jewelers, Miners, Machinists, Printers is invited to the Kodak as the means of obtaining an instantaneous photographic picture of any article whose form it is desired to either carry with you or send to distant points. Without any knowledge of photography any man can take in instantaneous pictures of any article that has form or can be photographed. Education in photography is absolutely unnecessary and a child of ten can work the Kodak Cameras. The efficacy of this for all men in any line of manufacturers or trade will be recognized at sight. For sale by all Photo. Stock Dealers. For full particulars and Catalogue, address

THE EASTMAN COMPANY, Rochester, N. Y.



NO. 845.

BRASS SASH MOULDING.

Brass Sash Moulding for Bevel Glass is used for panes from 2 to 12 inches square, or any size of glass not greatly exceeding these dimensions.

Is used for Screens, Partitions and Windows in Dwellings, Banks and Public Buildings.

Is strong for the purpose of its use, is highly finished, and gives a rich mediæval appearance to place where applied.

Other sizes and shapes made to order.

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Manufacturers and Dealers in

FINE HARDWARE

Dwelling-Houses, Churches, Stores and Public Buildings.

Every Excellence of Mechanism. Latest and most approved Styles and Finish.

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

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

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

ESTABLISHED 1818.

MARSHALL BROTHERS, Iron City Elevator Works

69 TO 75 DIAMOND ST., PITTSBURGH, PA.

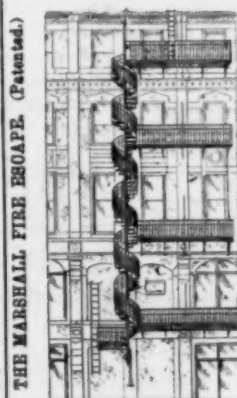
The Marshall Positive Safety Passenger and Freight ELEVATORS,

Hydraulic, Steam, Electric and Hand-Power.

SPIRAL STAIRWAY FIRE ESCAPES, WITH and WITHOUT STAND-PIPE,

For Asylums, Hotels, Schools and Public Buildings.

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THE MARSHALL FIRE ESCAPE (Patented.)

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MANUFACTURERS OF

"ATLANTIC" PURE WHITE LEAD,

—AND—

Pure Linseed-Oil, Raw Refined and Boiled.



The best and most reliable White-Lead made,

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Uniform

Whiteness,

Fineness,

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THE AMERICAN ARCHITECT

AND BUILDING NEWS

ADVERTISERS' TRADE SUPPLEMENT.

No. 96.

SATURDAY, JUNE 7, 1890.

VOLUME XXVIII.
No. 104.

THE ECONOMY HOT-WATER COMBINATION HEATER.

To meet a demand from certain sections for a heater to carry hot-water radiation, Mr. Pease has recently invented the heater which is here illustrated. A number of them have been set, and we believe that Mr. Pease "built better than he knew." The heater has the advantage of possessing a thoroughly tested construction of one of the heaters which we have been successfully manufacturing during the past ten years. Although it is young it has a sturdy ancestry, and we believe our success in the manufacture of sanitary heating-apparatus will be a sufficient guarantee for its future success.

This heater is cylindrical in shape and of about the same construction as our Low Down Combination Steam and Warm-Air Heater.

The Bottom, Z; Ash Pit, K; Fire Pot, L; Combustion Chamber, SS; Feed Chute, F; Dust Damper, I; and Double Casing, T; are the same as those used in the construction of the heater above mentioned.

The Hot-Water Chambers, C C C, are flat and round, made of heavy cast-iron (2-inch interior vertical diameter), and are connected to one another by the upright connections, D D D. These connections are screwed into shoulders on the chambers and are lock-nutted there to over asbestos and lead-filled cup joints.

These chambers are suspended inside of the combustion chamber 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. The fire exposure is as nearly uniform as it is possible to obtain, 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 top and bottom surface of each section.

The heated gases and smoke ascend alternately around the sides of the smaller chambers and through four flues near the centre of each of the larger sections until the exit flue A is reached where they pass into

the lower chamber on any side of the heater which may be most convenient, and the water circulates upward through every portion of the interior of each chamber before reaching the distributing feed pipe, passing as many times over the fire as there are sections used.

The primary advantage embodied in this heater is one which has been a large element in making a popular reputation for our Combination Steam and Warm-Air Heater, and that is a *Double Capacity* for producing *Direct* and *Indirect Heat*.

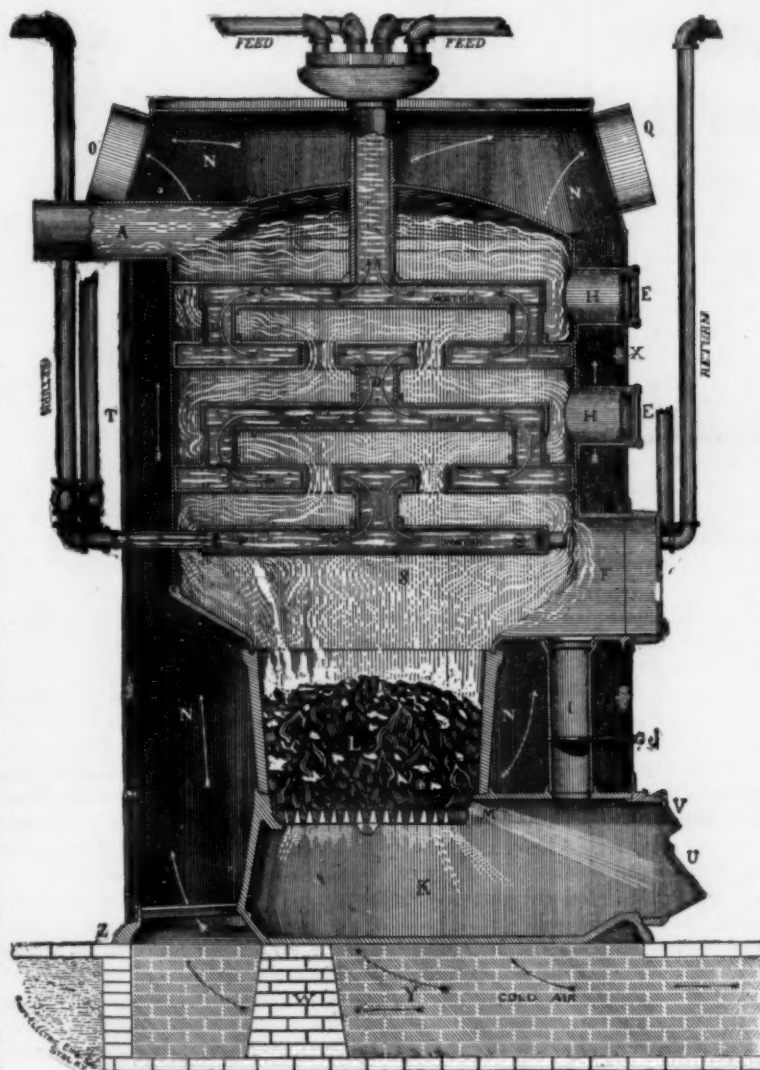
The *Direct Heat* is produced by taking the air from the outside through the cold air duct Y, passing it through the air-heating chamber N N N N in the same manner as by a Warm-Air Furnace. The air is properly heated, moistened by water evaporation (from a vapor-pan not shown in cut), and is distributed through the warm-air pipe O O to the registers in the principal apartments nearest to the heater.

The *Direct Hot-Water Radiation* is obtained by a continuous circulation of water which passes into the lower chamber C, and then on being heated passes up through each of the corresponding sections and through the feed-pipes to the radiators where the heated-water radiates its heat and by natural gravity returns to the lower section of the heater.

It is from a knowledge of the fact that our *Combination Systems* of heating provide a means for perfect ventilation, that we are enabled to claim for this heater a decided superiority over

any All-Hot-Water Heater.

Where proper exit ventilation is provided, as a natural consequence our Combination Hot-Water System ensures a circulation of



the smoke pipe several degrees cooler than from any other hot-water heater made.

In this heater the water circulation is positive and continuous. The returns may enter

fresh warm air throughout the building. We believe that the atmospheric condition of a house heated by our Combination Heater is greatly superior to that of a building heated by direct hot-water radiation only. The latter system provides no means for furnishing a fresh air supply; it simply heats the air in each room many times over. It is a well recognized fact that such methods of heating exhaust the oxygen and renders the air impure and unhealthful.

There are two features in the ordinary All-Hot-Water Systems of heating which form important objections to such methods. We assume and believe that separate indirect radiation with an all hot-water plant is impracticable, and hence we draw our comparisons with the direct system.

The first of the objections mentioned is the acknowledged fact that to secure the same amount of heat that can be obtained from a given amount of steam radiation, an increased amount of radiating-surface is required—usually from 50 to 75 per cent more. This necessity naturally adds a large amount to the first cost of the plant, to make no mention of the larger space occupied by the radiators.

The second objection is, that with Direct All-Hot-Water Systems there is, more frequently than otherwise, a necessity of locating the direct radiators in the most conspicuous places in the first floor rooms, where they invariably conflict with other and more ornamental articles of furniture. This is an objection to which the house-wife never becomes reconciled.

In the use of our Combination System of hot-water heating these objections are entirely eliminated:

Because—the indirect heat from the furnace proper is passed up into the rooms through registers sunk in the floor, obviating the necessity of direct radiators in the principal rooms, and naturally making the cost far less for our system than for a plant which would necessitate from 40 to 60 per cent more radiating surface.

We will bring our argument down to a practical application, and cite some figures which we believe any heating engineer will consider equitable. For example: given to heat, a library of 20 x 20 feet, 10 feet high—4,000 cubic feet. Figuring close and assuming that the room is well protected, it would require at least 100 feet of direct hot-water radiation. This, with the necessary valves, would cost the purchaser from \$40.00 to \$45.00. To heat the same space from the furnace proper, a 13-inch tin pipe of average length and a 12 x 19 nickel-plated register and border, with box, etc., would be necessary, the cost of which to purchaser would be from \$10.00 to \$12.00. (This cost would be lessened even more by using Japanned registers.) We submit that it is fair to state that a minimum saving of \$30.00 per room is guaranteed for every room heated by indirect heat in the use of our system.

J. F. PEASE FURNACE CO.,
SYRACUSE, N. Y.

FIREPROOF BUILDING BRICK, TILES AND ENAMELLED BRICK.

PERHAPS no enterprise in New England is so little known to the general public as that devoted to fire-brick making as carried on by the Somerset Potters Works Company at Somerset, Mass.

The attention of architects, builders and owners is invited to this industry both on account of its indispensable nature and its

usefulness. It has been carried on for over half a century, but it is only since Messrs. Sanford assumed control of the business that extensive improvements have been made. The works are located on the banks of the Taunton river, nearly opposite Fall River, and comprise a continuation of buildings all utilized in the industry and covering an area of about one acre.

Last fall we made great improvements, by which the capacity of the works were greatly increased, adding patent fire-brick machinery imported from England, which is acknowledged to be superior to anything ever invented for this particular work, and especially adapted to the working of Jersey clay, and of which this company has the exclusive control for the United States and Canada. It has a capacity of from 10,000 to 12,000 brick daily. A new steam-engine of the Lovegrove & Company's make was also put in, with a 100 horsepower boiler, the engine of nearly like capacity. In fact, the equipment of machinery now represents everything calculated to improve production.

Attention is also called to the new Hoffman kilns for burning enamelled, fireproof building and fire-brick, with a capacity of about 80,000 bricks. We have every facility for quick shipments. During the coming season the leading specialty is to be patent *glazed enamelled fireproof building brick*, we having engaged the services of competent men to take charge of this branch of the business. We are prepared to furnish building tiles of a superior quality for plain or arch work. Large storage facilities have been secured on Constitution Wharf, Boston, for the accommodation of our eastern patrons, besides which a full line of samples can be found at our Boston office, 4 Liberty Square.

SOMERSET POTTERS WORKS CO.,
SOMERSET, MASS.

HOUSE-PAINTING.

AT this season of the year, a word of advice to those contemplating painting may not be out of place. Within the past few years there has been so much attention given to tasteful architecture in moderate cost dwellings, that the selection of appropriate shades for decorative painting has come to be a more important question than at any previous period, and the richest shades, if selected with taste, may be used to the greatest advantage. We caution the uninitiated, however, against attempting to choose combinations of deep, rich colors, without first consulting a competent architect or some reliable paint manufacturer. The H. W. Johns Manufacturing Company, of New York, make a specialty of designing combinations of harmonious shades for their customers. This they do, free of charge, on receipt of photograph or architect's plan of the building to be painted.

A point we cannot too strongly impress upon the minds of our readers is the importance of using none but the best. The question of quality should receive the first consideration, and in estimating price it should be remembered that it is questionable economy to expend from fifty to one hundred dollars in applying twenty-five dollars' worth of inferior paint which will never have a satisfactory appearance, and will wear, at most, but two or three years, when the use of a strictly first-class article, costing, say 20 per cent more (or five or six dollars for an ordinary house), would insure a serviceable and much more pleasing result for at least two or three times as long. The H. W. Johns Manufacturing Company

are manufacturers of first-class, strictly pure linseed oil paints, and their reputation as a reliable house, well-known in business circles for many years, should give weight to any claims they make for their goods. If any information is desired regarding quantity of paints required, or any other special points, they will cheerfully answer any questions addressed to their office, 87 Maiden Lane, New York.

THE H. W. JOHNS MANUFACTURING CO.
87 MAIDEN LANE, NEW YORK.

"THE GREAT CHURCH LIGHT."

THE patent reflectors and reflecting chandeliers manufactured by Mr. I. P. Frink, New York, are now being introduced in the following prominent churches:—

First Presbyterian Church, Woodhaven, N. Y.; Ocean Hill Baptist Church, Brooklyn, N. Y.; First Universalist Church, Putnam, Conn.; Grove Street Congregational Church, East Orange, N. J.; First Welch Presbyterian Church, Wilkes Barre, Pa.; Second German Baptist Church, New York; Roseville M. E. Church, Newark, N. J.; Sunday School Room of Tompkins Avenue Congregational Church, Brooklyn, N. Y.; Mt. Pleasant Baptist Church, Newark, N. J.; Foster Street Lutheran Church, Harrisburg, Pa.; St. James' M. E. Church, Galveston, Tex.; Tacoma Presbyterian Church, Tacoma, Wash.; Trinity P. E. Church, New York; House of Prayer, Germantown, Pa.; First M. E. Church, Havana, Ill.; Union Station M. E. Church, Richmond, Va.; Greenville Reformed Church, Greenville, N. J.; Sands Street M. E. Church, Brooklyn, N. Y.; Fifth Street M. E. Church, South Wilmington, N. C.; Clinton Avenue Reformed Church, Newark, N. J.

I. P. FRINK,
551 PEARL ST., NEW YORK.

THE RIDGWAY REVOLVING OPEN FIRE-POT FURNACE.

THERE has been in furnaces generally only two kinds of Fire-Pots; one of them is the Solid Cast-Iron Pot, in which it is difficult to maintain slow combustion any length of time without losing the fire. The other is the Brick-Lined Fire-Pot, which lacks heating-power from the fact that the brick are non-conductors of heat and keep the heat from the radiators, get broken and need replacing frequently, and sometimes become covered several inches thick with clinkers, thereby reducing the size of the fire-pot.

The Ridgway Revolving Open Fire-Pot embraces improvements which overcome the defects of both the Cast-Iron and the Brick-Lined Pots, and maintains and excels all the advantages of the two.

With the use of the Revolving Open Fire-Pot the entire surface of radiator is utilized by the direct radiation from the sides of burning fuel, as well as from the top, for the products of combustion not only pass upwardly but outwardly through the open spaces in the sides of the fire-pot, which ensures more complete combustion, burning the gases near the radiator, thereby utilizing them to the greatest extent, preventing explosions which are likely to occur in furnaces that are constructed with flues carrying the draught below the fire-pot and around the base.

The construction is very simple, any of the working parts can be removed or replaced without taking the furnace down or disturbing the hot-air pipes. The revolving attachments are strong and simple.

Sifting ashes, with attendant fatigue and clouds of dust, is rendered unnecessary. Little strength is required to manage the furnaces, and stooping over to shake them is unnecessary.

Reliable Automatic Regulators control the fire, giving a uniform temperature, preventing excessive heat in mild days, but permitting abundant warmth when zero weather requires it.

of expansion and contraction without warping or cracking, as is the result where Fire-Pots are made in one solid piece.

There is no sifting of ashes, as the combustion of the fuel is complete.

The construction of the Open Fire-Pot ensures a naturally perfect combustion, which is impossible to obtain by any other method.

In running a low fire the Pot is superior to all others, as cold air does not come in contact with it, chilling it and causing the fire to deaden on outer edges.

There is no firebrick between the fire and the radiator to obstruct the passage of heat.

The Fire-Pot being open (on the sides) the condition of the fire can be seen at a glance, and access had to every part of it.



It must not be expected that these furnaces will require neither care nor fuel, but when properly placed and intelligently managed they will give, with the same amount of coal, more heat, with no gas in rooms heated, and with no clinkers in the furnace, with less expenditure of time, patience and strength, than any other furnace in the market.

We claim great durability for our Fire-Pots, for those which have been in use six and seven years, with no repairs, are as perfect as when they were set, and we will warrant them (with reasonable usage) five years.

The points of advantage to be found in the Ridgway Furnace are as follows:

The Fire-Pot being made in sections, allows

The combustion is so perfect that we have no clinkers and no gas.

The gases are burned on the sides of the Pot near the Radiator, as well as on the top.

By revolving the Fire-Pot the ashes are shaken out without packing the coal, as is the case with the old method of shaking the grate, which necessitates the use of the poker through the grate to loosen it so the air can pass through to support combustion.

The putting on of fresh coal does not retard or smother the fire, as it burns out through the sides of the Pot gradually igniting the fresh coal, and consuming the gases as fast as generated, thereby saving a great waste of gas and the cooling of the furnace.

In our Portable Furnaces the casing has a tin lining.

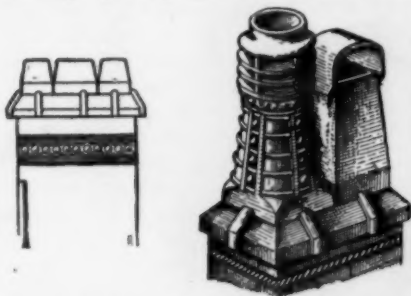
We furnish an Automatic Regulator with every furnace so sensitive that closing the registers will check the draught.

RIDGWAY FURNACE COMPANY,
CHAS. L. RIDGWAY, General Manager,
7 PORTLAND STREET, BOSTON, MASS.

THE Whittier Machine Company have recently put into the Office Building at 43-45 West Street, Boston, an elevator for passenger service operated by their Hydro-Electric Pressure-Tank System.

A SUBSTANTIAL CHIMNEY TOPPING.

As a protection against the early destruction of the tops of chimneys by rain and frost, the Hansen patent saltglazed chimney top, a device patented by a Chicago architect, seems to meet with general approval, its use demonstrating just what was claimed when the device was put upon the market and applied to chimneys by a large number of builders. The



success in introducing it already achieved by the agent, Mr. William M. Dee, 165 East Adams Street, Chicago, is because of the simplicity in principle and undoubted substantial character of the material of which it is made and the praise bestowed upon it by those who have given the device a trial. These toppings are almost as cheap as common brick toppings, and should be used generally for permanent work,—repairs as well as in new work.

HARALD M. HANSEN,
88 LA SALLE ST., CHICAGO, ILL.

The Whittier Machine Company have recently put in hydraulic elevators for passenger service operated upon the Pressure-Tank System in the following buildings:—

The building of Messrs. R. & O. Golet, on the corner of Fifth Avenue and 37th Street, New York, one. The Stevens Building, 16 & 18 Wall Street, New York City, two. The Wilks Building, corner of Wall and Broad Streets, New York City, two.

CATALOGUES AND CIRCULARS WANTED.

Advertisers in this journal are requested to send their circulars, catalogues, price-lists and samples of building materials to

E. HILL TURNOCK,
ROOM 23, 151 AND 153 MONROE ST., CHICAGO, ILL.
And to

W. TUFF MEREDITH, SEATTLE, WASH.

AN ENDORSEMENT FROM A CONNOISSEUR IN COLORS.

NEW YORK, APRIL 29, 1890.

MESSRS. DEXTER BROS., BOSTON, MASS.

Dear Sirs:—Such use as we have made of Dexter Brothers English Stain has proved entirely satisfactory. Respectfully,

THE TIFFANY GLASS CO.

MAY 22, 1890.

Please ship to Louis C. Tiffany, Cold Spring, Long Island, New York, one-half barrel shingle stain No. 4.

THE TIFFANY GLASS CO.

NOTES.

THE Whittier Machine Company have recently completed putting into the De Soto Hotel at Savannah, Georgia, the elevator system and a complete steam-heating and ventilating apparatus.

THE Columbia Rubber Company are very much pleased with their recent escape from fire. A lot of combustible material caught fire in a building which they had protected with a fireproof coating called anti-Pyre, made

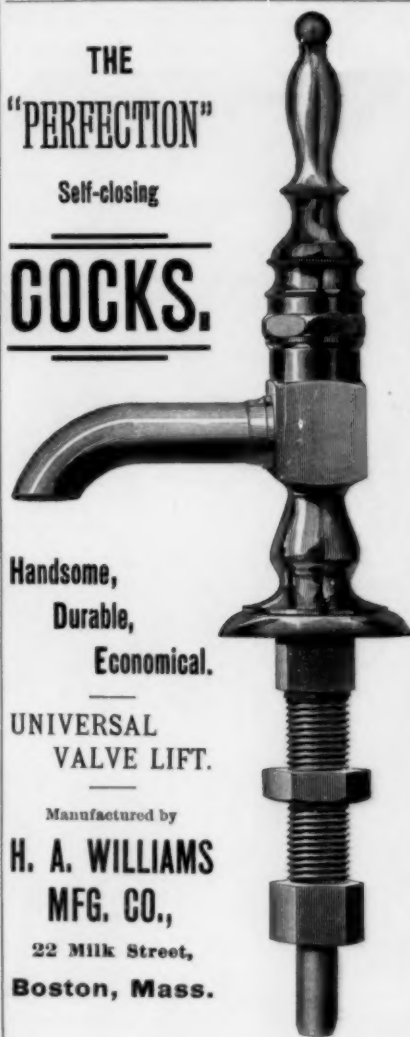
by the manufacturer of Creosote Stains, Samuel Cabot, of Boston.

The building was not injured in the least. What makes the case more striking was that under the edge of the roof the whitewash brush had not been small enough to apply the anti-Pyre, and the result there was that all along this narrow slit the fire had charred and even burned holes in the unprotected wood,

while the anti-Pyred surface was uninjured, although more exposed.

The Whittier Machine Company have recently put into the apartment-house of Silas W. Merrill, on Blackburn Street, Boston, a complete steam-heating apparatus, together with an hydraulic elevator for passenger service.

THE "PERFECTION" Self-closing COCKS.



Handsome,
Durable,
Economical.

UNIVERSAL
VALVE LIFT.

Manufactured by

H. A. WILLIAMS
MFG. CO.,
22 Milk Street,
Boston, Mass.



CANNOT BE TIED OPEN.

Broughton's Patent Self-Closing
WHEEL HANDLE
BASIN COCK.

Stebbins Mfg. Co., SPRINGFIELD, MASS.
SOLE MANUFACTURERS.

Climax RAIL for SLIDING DOORS. The only patent floor rail on the market. Greatly improved and better than ever. Used by all the leading Architects and Builders in the country for the last five years, and gives general satisfaction. It is level with the floor. The doors cannot **jump** the track. Can be put in old houses as well as new, without disturbing paint or casings.

Send for circular and price list. Address all communications to

GEO. F. TAYLOR,

BUSINESS MANAGER,

134 Water Street, New York.

ENAMELLED FRENCH BATHS.

With
Patent Supply
and
Waste.

Send for New Catalogue.



MANUFACTURERS OF
AND DEALERS IN
PLUMBERS' SUPPLIES
— AND —
SANITARY SPECIALTIES.

Haines, Jones & Cadbury Co.,

No. 1136 Ridge Avenue, Philadelphia, Pa.

FRINK'S REFLECTORS



Are used with oil, gas, electric or day light. Strongly endorsed by the leading Architects, and are in use in most of the prominent Churches, Theatres, Art Galleries and Public Buildings in this country.

Among the prominent buildings lighted by Mr. Frink within the past few months are the following:—

CHURCHES.

First Baptist, Minneapolis, Minn.
First Presbyterian, Westfield, N. J.
Holy Trinity, Hoboken, N. J.
Central Congregational, New York.
West Harlem, M. E., New York.
Christ Episcopal, Jordan, N. Y.
First Congregational, Williamstown, Mass.
First Baptist, Franklin, Ind.
Euclid Ave. Congregational, Cleveland, O.
Second Congregational, New London, Conn.
Twenty-Second St. Baptist, Louisville, Ky.
Methodist Episcopal, Chatham, N. Y.
Universalist, Titusville, Pa.
Presbyterian, Greenwich, Conn.
St. Stephen's, Worcester, Mass.
Trumbull Ave. Presbyterian, Detroit, Mich.
Methodist Episcopal, Flemington, N. J.
Jane St. M. E., New York.
First Unitarian, Deerfield, Mass.
St. Rose, Lima, N. Y.
St. John's M. E., Brooklyn, N. Y.
Methodist Episcopal, San Bernardino, Cal.
First Baptist, Columbus, Miss.
Methodist Episcopal, Ontario, Cal.
Church of the Ascension, Hamilton, Ont.
Madison Ave. Reformed, New York.
Centenary M. E., Newark, N. J.
Greenwood Baptist, Brooklyn, N. Y.
Seventh Day Baptist, Plainfield, N. J.
Zion, Greene, N. Y.
West Side Ave. Presbyterian, Jersey City, N. J.
English Lutheran, Hasleton, Pa.
Brick Church, Presbyterian, Orange, N. J.
Methodist Episcopal, Austin, Minn.
First Baptist, Johnstown, Pa.
Presbyterian Church, Horseheads, N. Y.
Methodist Episcopal, Hackensack, N. J.
Trinity Church, Portland, Conn.
Dwight Place Church, New Haven, Conn.
First Presbyterian, Galveston, Tex.
Clason Ave. Presbyterian, Brooklyn, N. Y.
Tomkins Ave. Congregational, Brooklyn, N. Y.
Baptist, Beverly, Mass.
Asbury Memorial M. E. Church, Providence, R. I.
St. Bernard's, Baritan, N. J.
Cumberland Presbyterian, Murfreesboro, Tenn.
First Presbyterian, Englewood, N. J.
Pilgrim Congregational, Duluth, Minn.
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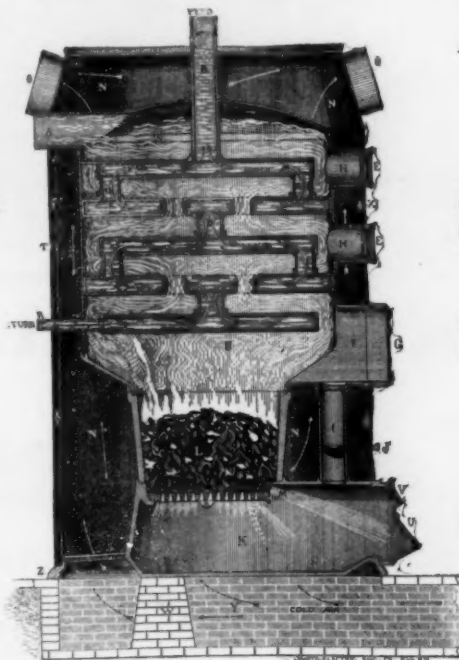
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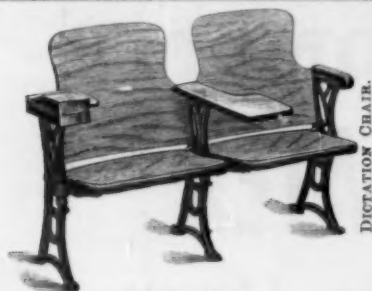
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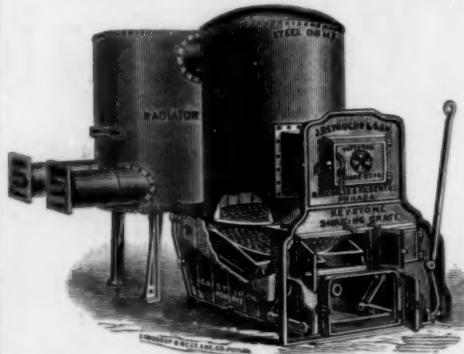
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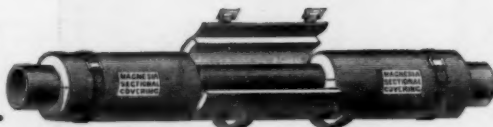
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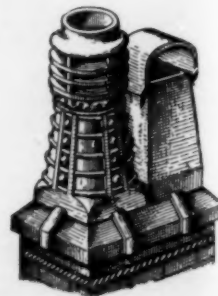
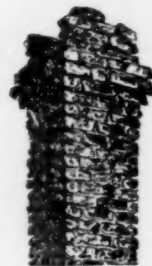
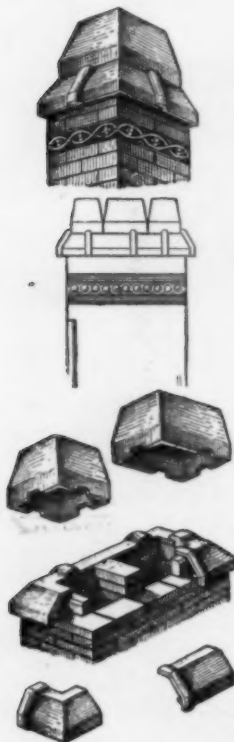
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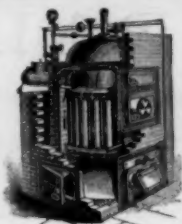
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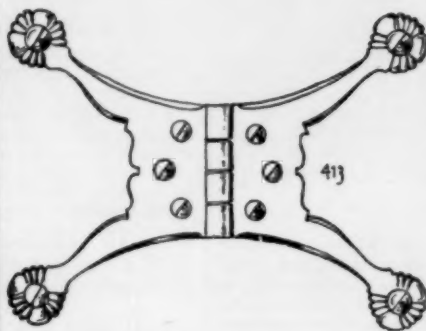
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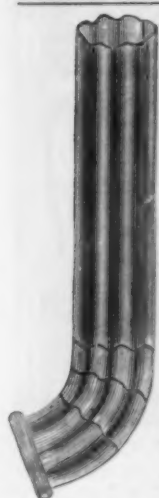
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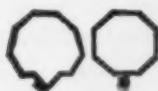
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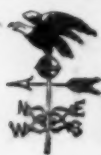
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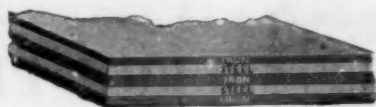
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Enamelled (edge).....	55 00 @ 100 00			
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CEMENT, LIME, etc.—(P. M.)				
Rosendale Cement.....	1 20 @ 1 2	1 20 @ 1 40	Not Sold.	1 30 @ 50
Louisville.....		Brooks, S. & Co. 1 05 @ 1 30	Not Sold.	B. & S. E. 275 @ 300
Utica, Akron, Buffalo, Milwaukee.....	Not sold.	2 00 @ 3 00	1 00 @ 1 25	2 85 @ 3 25
Portland, English (Gibbs).....	2 50 @ 3 00	2 00 @ 3 00	2 75 @ 3 25	2 85 @ 3 15
" (K. B. & S.).....	2 50 @ 3 00	2 00 @ 3 00	3 00 @ 3 25	2 75 @ 3 00
" Black Cross.....	2 25 @ 2 50	2 00 @ 3 00	3 00 @ 3 15	2 85 @ 3 15
" (Burham).....	2 50 @ 2 80	2 00 @ 3 00	3 00 @ 3 25	2 75 @ 2 85
" (White).....	2 50 @ 3 00	2 00 @ 3 00	3 00 @ 3 25	
" French (Lafarge).....	3 00 @ 3 75	3 00 @ 5 00	3 75 @ 4 25	Remmoor 2 50 @ 2 75
" German (Alsen).....	2 90 @ 3 25	3 00 @ 3 50	3 20 @ 3 40	2 75 @ 2 85
" (Fowor).....	2 25 @ 2 40	3 15 @ 3 35		
" (Vorwoller).....	2 50 @ 2 90			
" (Lagerdofer).....	2 50 @ 3 00	Cleopatra 2 55 @ 3 00	2 75 @ 3 00	Johnson 2 50 @ 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 15 @ 2 85
" Stettin (Anchor).....	2 35 @ 2 85		Not Sold.	
" American (Baylor's).....	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	2 50 @ 2 75
Roman.....	2 75 @ 3 00		2 75 @ 3 25	3 00 @ 3 50
Keene's coarse.....	5 75 @ 6 50		4 00 @ 7 00	6 50 @ 7 00
" superfine.....	9 25 @ 10 25		9 @ 10 50	8 00 @ 9 00
LIME.				
Lime of Tell.....	3 50 @ 4 00		Not sold.	White Lime 25 @ 30 @ bush
Hydraulic Lime.....	@ 1 45	St. John 1 00	55 @ 60	White Mash 1 25 @ 1 50
Chicago Lime in bulk.....			Not sold.	1 00 @ 1 00
Wisconsin.....	@ 1 00	@ 1 05	Not sold.	
Rockland and Rockport, (Com.).....	@ 1 20	@ 1 10	Not sold.	
Rockland and Rockport, finish.....	@ 1 20	@ 1 20	1 00 bulk, 75c.	
Kelley Island Lime, finish.....	@ 85		Not sold.	
State, com. cargo rates (nom.).....	@ 1 10		Not sold.	
State, finishing.....	@ 1 20		Not sold.	
Plaster of Paris (salcined).....	1 20 @ 1 25	1 85 @ 2 00	1 55 @ 1 90	Not sold.
" (casting).....	1 30 @ 1 35	25 @ 30	1 85 @ 1 90	1 50 @ 2 25
Hair (Cattle) @ bush.....	12 @ 15	25 @ 30	30 @ 25	1 75 @ 2 50
" (Goat).....	22 @ 25	30 @ 30	30 @ 25	30 @ 35
Sand, @ load.....	1 00 @ 1 25	1 75 @ 1 90	30 @ 55	30 @ 35
STONE. (P. M.)				
Granite: (Maine).....		@ 60		55 @ 60
Limestone:				
Bedford.....	45 @ 1 25	95 @ 1 00	50 @ 55	75 @ 95
Joliet.....	@ 1 00		35 @ 60	Richmond 1 55
Lemont.....			35 @ 60	75 @ 1 55
Serpentine.....			10 50 per ton	4 50 @ Perch

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Red	\$ lb.	3
White	\$ bbl.	1 75
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Dimension		80
Block		80
Rubble		80
Bluestone: (\$ sq. ft.)		
Sidewalk	30 @ 5 00	40 @ 1 75
Planned	50 @ 5 00	75 @ 1 00
Sandstone:		
Longmeadow	80	90
Kibbe	90	1 10
Brown (Connecticut)	1 00 @ 90	1 25 @ 1 45
Amherst	90 @ 90	90 @ 1 00
Berea	75 @ 1 00	80 @ 90
Berlin	75 @ 1 00	80 @ 90
Bellefonte	80 @ 1 25	1 25 @ 1 35
New Brunswick (Dorchester)	80 @ 1 00	75 @ 90
Queen	80 @ 1 00	75 @ 90
Carlisle, English	80 @ 1 05	75 @ 1 05
Corse Hill (Scotch)	80 @ 1 05	75 @ 1 05
Marble (\$ cu. ft.)		
Leo, Mass.	1 00	1 75 @ 2 50
Rutland, white and blue	1 25 @ 1 75	3 00 @ 3 00
Sutherland Falls		2 00 @ 2 00
Glens Falls, black		Not sold.
Italian, blue-refined		3 50 @ 6 00
" Sienna		Not sold.
Tennessee, red		Not sold.
Knoxville		4 40 @ 4 40
Pennsylvania, blue		Not sold.
Vermont, white		3 50 @ 6 00
Slate: Roofing (\$ square)		
green	5 00 @ 6 00	4 75 @ 5 25
" unfading	5 00 @ 6 00	5 50 @ 6 50
purple	5 00 @ 6 00	5 50 @ 6 50
red	5 00 @ 10 00	10 00 @ 11 00
black, Lehigh	4 25 @ 4 75	
" Chapman		
Unfading Black, Monson, Me.	5 50 @ 8 00	5 50 @ 8 00

PAINTS.

White lead, Am.	7 @ 7 1/2	7 @ 7 1/2	7 @ 7 1/2	7 @ 7 1/2
" Zinc	6 @ 7	7 @ 7 1/2	7 @ 7 1/2	7 @ 7 1/2
Red lead, Am.	6 @ 7	7 @ 7 1/2	7 @ 7 1/2	7 @ 7 1/2
" Venetian	6 @ 7	7 @ 7 1/2	7 @ 7 1/2	7 @ 7 1/2
" Vermilion	6 @ 7	7 @ 7 1/2	7 @ 7 1/2	7 @ 7 1/2
Red Indian, Eng.	12 @ 20	12 @ 20	12 @ 20	12 @ 20
Yellow Ochre	6 @ 15	7 @ 12	8 @ 15	8 @ 15
" Chrome	12 @ 20	18 @ 25	15 @ 25	15 @ 25
Green (chrome)	8 @ 13	8 @ 13	8 @ 13	8 @ 13
Green, Paris	25 @ 40	15 @ 40	18 @ 35	18 @ 35
Black, lamp	15 @ 25	18 @ 30	12 @ 35	12 @ 35
Blue, ultramarine	12 @ 25	61 @ 62	57 @ 60	57 @ 60
Oil, linseed, (raw)	59 @ 63	64 @ 65	61 @ 63	61 @ 63
" boiled	62 @ 66	46 @ 47	51 @ 51	51 @ 51
Turpentine	44 @ 45	1 50 @ 6 00	1 20 @ 2 00	1 20 @ 2 00
Varnish, coach		2 50 @ 3 00	2 25 @ 4 00	2 25 @ 4 00
Shellac		2 @ 4	02 @ 02 1/2	02 @ 02 1/2
Putty	2 @ 2	1 @ 1 1/2	1 @ 1 1/2	1 @ 1 1/2
Whiting	7 @ 100	2 @ 3	1 @ 2	1 @ 2
Paris white, (Eng.)	1 30 @ 2 00	1 @ 3	1 @ 3	1 @ 3
Litharge, Am.	14 @ 6	14 @ 20	4 @ 16	4 @ 16
Sienna (burnt)	14 @ 20	14 @ 20	2 @ 10	2 @ 10
Umber	14 @ 20			

HARDWARE.

Nails: (Per Cask.) Spikes, (sawed.)	2 @ 2 1/2	3 @ 3 30	2 75 @ 3 00	2 75 @ 3 00
10d. common	2 @ 2 1/2	3 @ 3 30	2 75 @ 3 00	2 75 @ 3 00
Shingle	2 @ 2 1/2	3 @ 3 30	2 75 @ 3 00	2 75 @ 3 00
Lath	2 @ 2 1/2	3 @ 3 30	2 75 @ 3 00	2 75 @ 3 00
Finishing nails add 75c. per keg.				
(For casing nails add 75c. per keg.)				
Nails: 4"x4" (per doz. pairs)	1 00	1 20	90	90
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 (per pair)	65	50	Not sold.	48 @ 50
Brass metal	1 90	1 05	2 90 @ 3 25	1 25 @ 1 50
Brass (for supboards)	10	10	12	35
Ebony				37 @ 1 00
Apple wood				
Knobs: (per Set.)				
Mineral, best	8	8	8 @ 10	Not sold.
Lava	50	75	65 @ 80	25 @ 50
Hemlock	Not sold	33	31 @ 40	25 @ 25
Porcelain	Not sold	10	25 @ 30	1 00 @ 2 50
Glass, solid	Not sold	50	Not sold.	1 75 @ 2 00
Glass, silvered	Not sold	1 00	50 @ 3 00	50 @ 3 50
Brass metal	75 @ 2 00	50 @ 3 00	1 00 @ 3 00	75 @ 1 25
Brass	1 00 @ 2 50	50 @ 3 00	13 @ 16	13 @ 16
Solder				6 @ 6
Sheet Lead				
Lead Pipe				
Iron:				
I-Beams, up to and including 30 ft.	3 1/2-10 @ 34	@ 3 1-10	3 30 @ 3 70	@ 2 8-10
I-Beams, over 30 ft. 1/2, 3/4, 1 c. advance.	3 1/2-10 @ 34	@ 3 1-10		@ 2 8-10
Channel-Beams				@ 2 8-10

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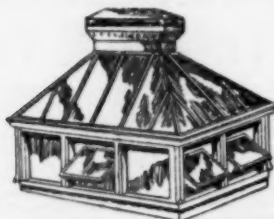
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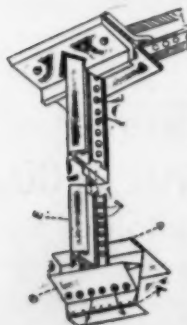
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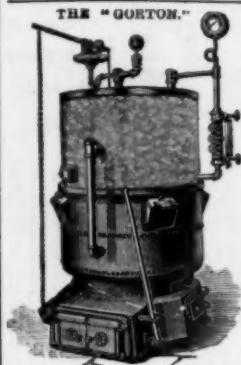
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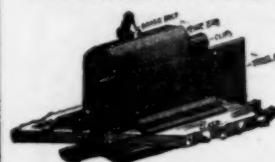
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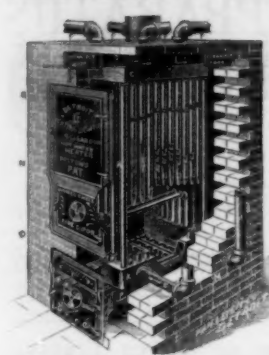
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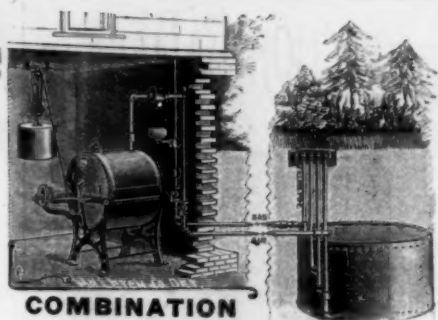
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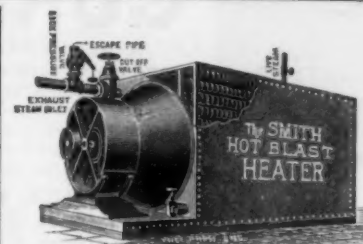
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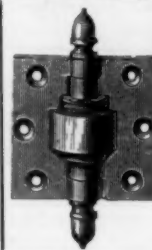
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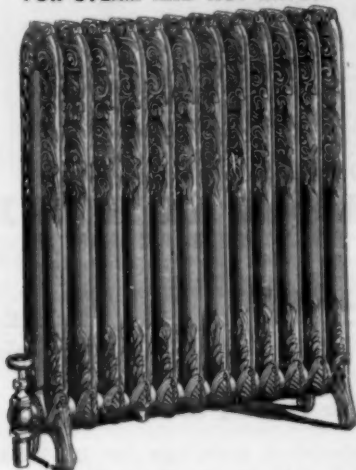
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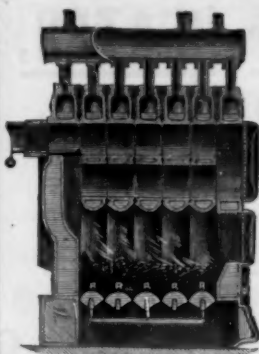
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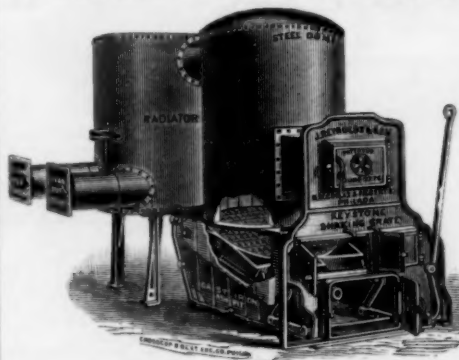
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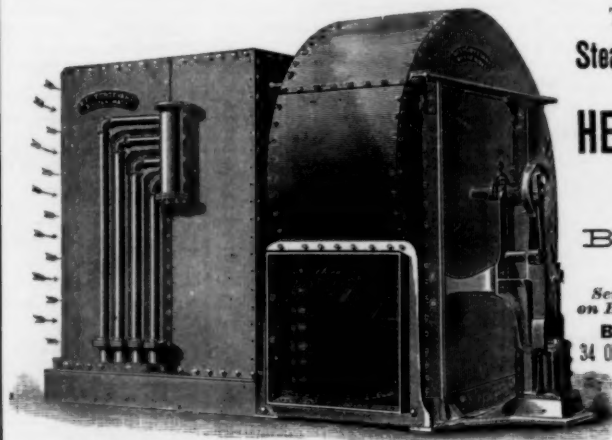


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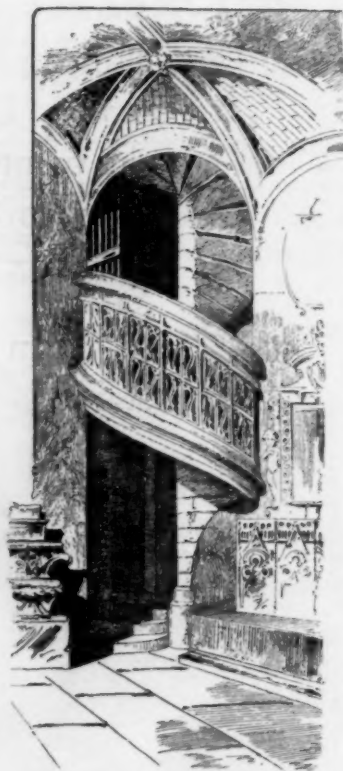
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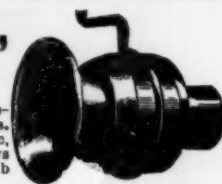
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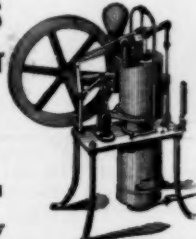
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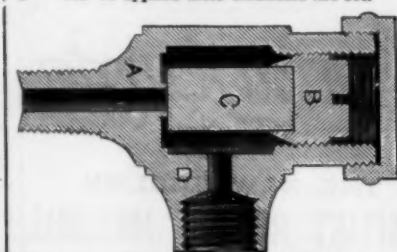
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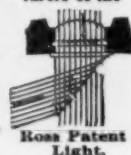
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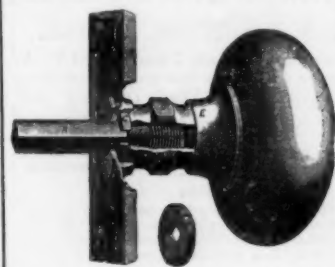
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New Advertisements.

J. B. SHANNON & SONS (Philadelphia, Pa.), Thumb-latch. Page 8, Supplement.
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QUEEN & CO. (Philadelphia, Pa.), Architects' Supplies. Page 7 Supplement.

PERSPECTIVE DRAWING.

The American Architect Drawing-Office will undertake the preparation of perspective drawings in line or color from scale drawings, or will render drawings already in outline. Address the editors.

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SUPERINTENDENT'S POSITION.—Wanted by the 1st of May. An experienced architect would like a position as superintendent; thoroughly understands the construction of all classes of buildings; capable of calculating the strength of materials, etc. Address "Architect," 879 Cauldwell Avenue, New York City. 745

WANTED.

PARTNER.—An architect in growing practice, with a New York and a suburban office, requires a partner, professionally competent for inside work and with good connections, to facilitate and extend the business. Address, stating all particulars and amount of capital available, to "New York Practice," care of editor of this paper, 21 Park Row, New York. 745

WANTED.

DRAUGHTSMAN.—Wanted, an architectural draughtsman. Address, stating experience, reference and salary expected, H. M. Francis, Architect, Fitchburg, Mass. 745

WANTED.

DRAUGHTSMEN.—Wanted, two draughtsmen: one a first-class designer well up in modern designs, the other a skilful architectural draughtsman, who is competent to act as chief in draughting-room. Address F. S. Newman, Architect, Fuller's Block, Springfield, Mass. 745

WANTED.

DRAUGHTSMAN.—Wanted, a first-class architectural draughtsman; good morals and steady habits required. Address "M.," care of editor American Architect, 211 Tremont Street, Boston, Mass. 745

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On the following Monday, Tuesday and Wednesday, will be held the examinations in History, Construction, Free-hand Drawing and French.

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DRAUGHTSMAN.—Wanted, at once, a good general architectural draughtsman. State age, references and salary expected. Address James H. Warner, Eshleman Law Building, Lancaster, Pa. 745

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BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

ALTERATIONS.

Boston, Mass.—Commonwealth Ave., No. 36, alterations to dwell. for Mrs. Kuhn; contract to be let; architect, Arthur Little.

Cambridge, Mass.—Martin St., cor. North Ave., alterations to dwell. for Horace S. Bartlett; architect, Samuel J. Brown, Boston.

Chicago, Ill.—H. Fellbergas, two-st'y and basement flat addition, 20 Dussold St.; cost, \$2,400.

Board of Education, two-st'y addition to school, Ashland Ave. and Thirteenth St.; cost, \$35,000.

N. H. Calvin, two-st'y addition, 4093 Ellis Ave.; cost, \$5,000.

H. Stevens, one-st'y addition, 4625 Greenwald Ave.; cost, \$3,000.

M. Olson, three-st'y addition, 281 West Erie St.; cost, \$2,000.

Fred H. Winston, 2 two-st'y additions, 2022-26 Cottage Grove Ave.; cost, \$5,000.

Franklin, Mass.—Alterations to dwell. for J. C. Gallison, M. D.; contract to be let; architect, S. S. Woodcock, Boston.

Lexington, Mass.—Alterations to dwell. for Hammand Reed; architect, Samuel J. Brown, Boston.

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BUILDING INTELLIGENCE.

Providence, R. I.—Pike St., brick and frame addition to foundry; owners, Fuller Iron Works.
Jackson St., brick addition to Brewery; owner, Jas. Hanley; builder, N. B. Horton.

Reading, Mass.—Alterations to dwell. for J. B. Lewis; contract to be let; architect, S. S. Woodcock, Boston.

Wakefield, Mass.—Alterations and enlargements of the Franklin Grammar School Building; contract to be let; architect, W. W. Lummus, Boston. The same architect has made plans for heating and ventilating the High School Building and three other grammar school-houses, by the jacketed stove system.

APARTMENT-HOUSES.

Boston, Mass.—Wilton St., near Cambridge St., Ward 25, four-st'y brick apartments, flat roof, 28' x 60'; owner and builder, Samuel Hano.

Chicago, Ill.—Chas. Schultz, two-st'y flats, 458 West Division St.; cost, \$3,600.

G. Jahrike, two-st'y flats, 772 Dudley St.; cost, \$2,000.

A. Magee, two-st'y flats, 1371 Congress St.; cost, \$3,500.

F. J. Weldinger, two-st'y flats, 1207 Sheffield Ave.; cost, \$2,200.

Emil Hadder, two-st'y flats, 150 Belmont Ave.; cost, \$2,200.

P. J. Spies, two-st'y flats, 1776 Melrose St.; cost, \$2,200.

Carl Richter, two-st'y flats, 8417 Mackinaw St.; cost, \$2,200.

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Adam Dernlauch, three-sty flats, 494 Winchester Ave.; cost, \$5,400.
 John Frank, three-sty flats, 419 North Lincoln St.; cost, \$5,000.
 J. K. Tracey, 2 two-sty flats, 225-227 Lawrence Ave.; cost, \$5,000.
 Jos. Letzer, two-sty flats, 1260 Kedzie Ave.; cost, \$3,500.
 F. Dettman, two-sty flats, 446 Washburn Ave.; cost, \$2,300.
 H. S. Carpenter, two-sty flats, 1095 West Adams St.; cost, \$2,000.
 B. Martha, two-sty flats, 1316 West Holk St.; cost, \$2,400.
 Jacob Sinacha, three-sty flats, 756 Allport Ave.; cost, \$6,500.
 Mrs. Steberley, two-sty flats, 1065 Clifton Park; cost, \$2,000.
 Joseph Zoska, three-sty flats, 98 Newberry Ave.; cost, \$6,000.
 W. H. Thomas, 4 four-sty flats, 7-10 University Pl.; cost, \$60,000.
 H. T. Mulligan, two-sty flats, 148 Colorado Ave.; cost, \$5,000.
 T. Sulenka, two-sty flats, 1077 Leavitt St.; cost, \$6,000.
 John F. Peters, three-sty flats, 689 Loomis St.; cost, \$4,000.
 P. Haps, two-sty flats, 99 Cleaver St.; cost, \$4,000.
 John Schultze, two-sty flats, 42 Bradley St.; cost, \$4,000.
 Geo. W. Hoffman, three-sty flats, 143-147 Madison St.; cost, \$45,000.
 M. Johnson, two-sty flats, 316 Thomas St.; cost, \$2,800.
 D. J. Murphy, two-sty flats, 1194 West Adams St.; cost, \$5,000.
 S. Chalmers, two-sty flats, 4322 Evans St.; cost, \$3,600.
New York, N. Y.—Morton St., Nos. 34-36, 2 five-sty brick flats, tin roof; cost, \$50,000; owner, L. G. & S. Carvato, 414 Brook Ave.; architect, Albert Hutira, 394 East Seventeenth St.
 One Hundred and Fifth St., n s, 150' e Ninth Ave., 3 five-sty brick flats, tin roof; cost, \$60,000; owner, John Kelly, 208 West One Hundred and Fifteenth St.; architect, Edward Wenz, 1491 Third Ave.
 Eighth Ave., n e cor. One Hundred and Seventeenth St., five-sty brick flat, tin roof; cost, \$20,000; owner, William H. Tompkins, 68 Fifth Ave.; architect, H. J. Hardenburg, 10 West Twenty-third St.
 Morton St., No. 24, five-sty brick flat, tin roof; cost, \$18,000; owner, John Burk, 514 West Fifty-eighth St.; architect, James W. Cole, 463 West Fifty-first St.
 Lewis St., Nos. 116-118, 2 five-sty brick flats, tin roofs; cost, \$40,000; owners, Well & Meyer, 227 East Sixtieth St.; architect, G. F. Pelham, 1481 Broadway.
 Tenth Ave., n e cor. Ninety-first St., 5 five-sty brick flats, tin roofs; cost, \$160,000; owner, Edward Smith, 303 West Sixty-ninth St.; architect, Edward Wenz, 1491 Third Ave.
 West Forty-second St., Nos. 334-336, 2 five-sty brick flats, tin roofs; cost, \$40,000; owner, Daniel D. Lawson, 142 West One Hundred and Third St.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.
 Fifty-sixth St., n s, 100' w Ninth Ave., 3 five-sty brick flats, tin roofs; cost, \$60,000; owner, James A. Adams, 426 West Twenty-sixth St.; architect, Albert Hutira, 394 East Seventeenth St.
 Second St., Nos. 157-159-161, 3 five-sty brick flats, tin roofs; cost, \$57,000; owners, Well & Meyer, 227 East Sixtieth St.; architect, Geo. F. Pelham, 1481 Broadway.
 Second Ave., s e cor. Ninety-eighth St., 2 five-sty brick flats, tin roofs; cost, \$44,000; owner, William A. Wilson, One Hundred and Sixty-seventh St. and Stebbins Ave.; architect, Edward Wenz, 1491 Third Ave.
 Tenth Ave., n w cor. Twentieth St., four-sty brick flat, tin roof; cost, \$22,000; owner, Philip E. Haag, 173 Tenth Ave.; architects, Thom & Wilson, 1267 Broadway.

CHURCHES.

Baltimore, Md.—Immanuel Baptist congregation will build new edifice, n w cor. St. Paul St. and Boundary Ave. to cost abt. \$45,000.

BUILDING INTELLIGENCE.

Chicago, Ill.—H. S. Dale, one-sty church, 1485-1487 Fillmore St.; cost, \$4,000.
New York, N. Y.—One Hundredth St., s s, 108' 4 1/2' e Tenth Ave., one-sty brick church, peak tin roof; cost, \$18,000; owners, German Lutheran Church, 199 West Ninety-ninth St.; architect, E. L. Angell, 94 Liberty St.
Factories.
Brooklyn, N. Y.—Dickerson St., n s, 65' w Varick Ave., two-sty frame whiting factory, gravel roof; cost, \$3,500; owners, Wm. Knaffmann & Co., 178 1/2 Water St., New York City; architect, Th. Engelhardt, 905 Broadway.
 Harman St., n s, 100' e Irving Ave., two-sty brick wire factory for manufacture of office railing, etc., tin roof; cost, \$4,800; owner and architect, Robt. T. McMurray, 233 Lynch St.
Chicago, Ill.—Crane Bros. Manufacturing Co., five-sty factory, 15 to 35 Judd St.; cost, \$75,000.
New York, N. Y.—One Hundred and Forty-seventh St., n s, 90' w Brook Ave., four-sty brick factory, gravel roof; cost, \$14,000; owner, Chas. Lawson, 297 Alexander Ave.; architect, A. B. Ogden, 1031 Madison Ave.
 Bayard St., No. 68, six-sty brick factory, tin roof; cost, \$22,000; owners, Hukoff & Meyers, 199 East Broadway and 204 East Seventy-ninth St.; architects, Herter Bros., 191 Bowery.
 West Thirty-fourth St., Nos. 527-531, and West Thirty-fifth St., Nos. 526-528, two-sty brick factory, cement and gravel roof; cost, \$10,000; owner, Edw. H. Johnson, 57 West Fifty-fourth St.; architect, J. Kastner, 744 Broadway.
 Kelly St., s w cor. Union Ave., one-sty brick factory, tin roof; cost, \$9,000; owners, Standard Oil Clothing Co., 93 Spring St.; architects, A. B. Ogden & Son, 103 Madison Ave.
 South Fifth Ave., No. 185, three-sty brick factory, tin roof; cost, \$10,000; owners, Adolph & Emanuel Alexander, 237 Concord Ave.; architects, J. Boeckel & Son, 54 Bond St.
Philadelphia, Pa.—Buttonswood St., s s, w Seventeenth St., two-sty tank factory; contractor, J. R. Garber, 52 North Thirtieth St.
 Richmond St., s s, e Front St., one-sty file factory; contractor, Wm. R. Dougherty, 1604-1606 Sansom St.
West Lynn, Mass.—Commercial St., 2 two-sty frame shoe factories, one, 50' x 200', the other, 50' x 150', monitor roofs; to be occupied by C. D. Pecker; owner, J. C. Bennett; contract to be let; architect, W. W. Lummus, Boston.

HOSPITALS.

Philadelphia, Pa.—Broad St., e s, s Wolf St., four-sty hospital; contractor, T. H. Doan, 3827 Baring St.

HOTELS.

New York, N. Y.—Eight Ave., n w cor. Seventy-fourth St., nine-sty brick hotel, slate roof; cost, \$350,000; owner, John P. Ryan, Eighty-first St. and Eighth Ave.; architect, F. T. Camp, 60 Liberty St.

HOUSES.

Brooklyn, N. Y.—De Kalb Ave., n s, 150' e Central Ave., four-sty frame dwell., hemlock and tin roof; cost, \$7,000; owner, Augustus Ave., 1344 De Kalb Ave.; architect, F. J. Lessing, 352 Broadway.
 Oakland St., w s, 175' n Van Cott Ave., 2 three-sty frame dwell., gravel roofs; cost, \$9,000; owner, A. E. Walker, 90 Milton St.; architect, F. Weber, 211 Manhattan Ave.
 Suter Ave., n s, from Snedeker Ave. to Vesta St., 100', 13 two-sty frame dwell.; Vesta St., e s, 80' n Suter Ave., 8 two-sty frame dwell.; Snedeker Ave., w s, 80' n Suter Ave., 8 two-sty frame dwell., tin roofs; cost, \$2,000 each; owner, John P. Free, 93 Essex St.; architect, W. A. Sloan, 55 Hale Ave.
 Walworth St., No. 36, s s, 150' from Park Ave., four-sty frame dwell., tin roof; cost, \$5,000; owner, Elizabeth Blinn, 50 Sanford St.; architect, H. Gilvary, 1 Broadway, New York.
 Stockholm St., s s, 130' 6" w Wyckoff Ave., two-sty frame dwell., tin roof; cost, \$3,200; owner, Mr. Amann, 4 Charles Pl.; architect, F. J. Helmie, 203 Rodney St.
 Seventh Ave., w s, 100' 2" n Nineteenth St., four-



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st'y frame dwell., tin roof; cost, \$5,000; owner, George O. Van Orden; architect, W. O. Tait, 166 Montague St.
 North Thirtieth St., s e cor. Driggs St., frame dwell., tin roof; cost, \$4,000; owner, Fritz Westphal, Berry and North Fifth Sts.; architect, Henry Vollweiler, 14 Elm St.
 Humboldt St., w s, 100' s Norman Ave., 3 three-sty frame dwell., felt, tar and gravel roofs; cost, \$3,000 each; owner, Samuel Self, Bellmore, L. I.; architect, Edward P. Self, Bellmore, L. I.
 George St., s e cor. Evergreen Ave., three-sty frame dwell., tin roof; cost, \$5,500; owner, Mr. Stubing, Montith St.; architects, D. Acker & Son, 752-754 Broadway.
 Harrison Pl., n s, 105' w Morgan Ave., two-sty frame dwell., shingles and tin roof; cost, abt. \$5,500; owners, Nuns of St. Dominic, Graham and Montrose Aves.; architect, F. J. Berlenbach, Jr., 174 Meserole St.
 Graham Ave., No. 284, e s, 100' n Grand St., three-sty frame dwell., tin roof; cost, \$4,000; owner, Mrs. Luther, 288 Graham Ave.; architects and builders, C. L. Johnson & Sons, 322 Rodney St.
 Nineteenth St., s s, 73' w Seventh Ave., three-sty brick dwell., tin roof; cost, \$4,000; owner, George O. Van Orden, 418 Seventeenth St.; architect, W. O. Tait, 166 Montague St.
 First St., s s, 142' 10 1/2' w Eighth Ave., 4 three-sty and basement brick dwell., tin roofs; total cost, \$30,000; owner, Frederick J. Griewold, 497 First St.
 Green Ave., s s, 300' e Stuyvesant Ave., 4 two-and-one-half-sty and basement brick dwell., tin roofs; cost, each, \$6,000; owner, Thomas Walsh, 911 Green Ave.; architect, Robt. Dixon, 219 Montague St.
 Chauncy St., s s, 363' e Saratoga Ave., 4 two-sty and basement brick dwell., tin roofs; cost, each, \$4,500; owners, Sellars & Walrhas; architect, A. J. Warren, 288 1/2 Atlantic Ave.
 Dean St., n s, 200' w New York Ave., 5 three-sty and basement brick dwell., tin roofs; cost, each, \$10,000; owner, Andrew Miller, 133 Herkimer St.; architects, Amzi Hill & Son, 1161 Fulton St.
 Myrtle Ave., Nos. 797-799, n s, 353' 2" w Marey Ave., 2 four-sty brick dwell., tin roofs; cost, \$17,000; owner, Henry Henchel, 677 Myrtle Ave.; architect, Th. Engelhardt, 905 Broadway.
 St. Mark's Ave., n s, 222' e Rogers Ave., three-sty and basement brick dwell., tin roof; cost, \$12,000; owner, Mrs. E. Parker, 1405 Pacific St.; architect, J. D. Reynolds, 363 Fulton St.
 Putnam Ave., s s, 115' e Stuyvesant Ave., 5 two-and-one-half-sty and basement brick dwell., tin roofs; total cost, \$22,000; owner, Charles Herr, 906 Broadway; architect, Th. Engelhardt, 905 Broadway.
 South Fourth St., No. 303, n s, 100' w Hewes St., four-sty brick dwell., tin roof; cost, \$9,000; owner,

Roofing Materials.

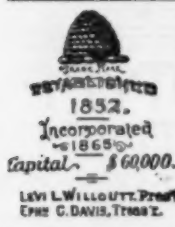
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John G. Miller, 425 South Fifth St.; architect, The
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Putnam Ave., s s, 95' e Stuyvesant Ave., two-and-
one-half-sty and basement brick dwell., tin roof;
cost, \$5,000; owner, Charles Herr, 906 Broadway;
architect, Th. Engelhardt, 905 Broadway.

Elm St., s s, 100' w Hamburg Ave., three-sty
frame dwell., tin roof; cost, \$4,500; owner, John
Jung, 856 Broadway; architect, Th. Engelhardt, 905
Broadway.

South Fifth St., n s, 50' e Hewes St., 3 three-sty
brick dwells., tin roofs; cost, \$23,000; owner, Mat-
theus Beck, 252 Rutledge St.; architect, Th. Engel-
hardt, 905 Broadway.

McDonough St., s s, 222' e Tompkins Ave., 3 three-
sty and basement brick dwells.; cost, each, \$10,000;
owner, John Fraser, 41 Rochester Ave.

Classon Ave., w s, 105' s Butler St., four-sty brick
dwell., tin roof; cost, abt. \$5,000; owner, D. Mc-
Namee, 980 Pacific St.

Decatur St., n w cor. Stuyvesant Ave., four-sty
brick dwell., tin roof; cost, \$8,000; owner, J. A.
Lawrence, 275 Decatur St.; architect, Francis
Stryker, 126 Mt. Prospect Ave., Newark, N. J.

Tompkins Ave., n e cor. Madison St., four-sty
brick dwell., tin roof; cost, \$8,500; owner, Wm.
Irvine, 92 Fulton St.; architect, J. C. Burne, Eighty-
sixth St. and Third Ave., New York City.

Tompkins Ave., e s, 22' n Madison St., 2 four-sty
brick dwells., tin roofs; cost, \$8,000; owner, Wm.
Irvine, 92 Fulton St.; architect, J. C. Burne, Eighty-
sixth St. and Third Ave., New York City.

Macon St., n e cor. Patchen Ave., four-sty brick
dwell., tin roof; cost, \$10,000; owner, Frederick
Miller, 29 Reid Ave.

Nimrod St., n s, 600' e Evergreen Ave., three-sty
frame dwell., tin roof; cost, \$5,200; owner, Charles
H. Stoetzer, 289 Evergreen Ave.; architect, Adam
E. Fischer, 9 Stanhope St.

Guinnell St., s s, 120' w Throop Ave., four-sty
frame dwell., metal roof; cost, \$4,000; owner, John
C. Stiebt; architect, Julius Jordan, 105 Harman St.

Fifty-seventh St., n s, 100' w Third Ave., 5 two-sty
and basement frame dwells., tin roofs; cost, each,
\$2,500; owner, Richard K. Fox, 2024 Fifth Ave.,
New York; architects, H. L. Spicer & Son, Third
Ave. and Fifty-third St.

Third Ave., w s, 80' n Fifty-fourth St., three-sty
frame dwell., tin roof; cost, \$3,600; owner, W.
Prinzhorn, on premises; architect, Thomas Bennett,
38 Fifty-fifth St.

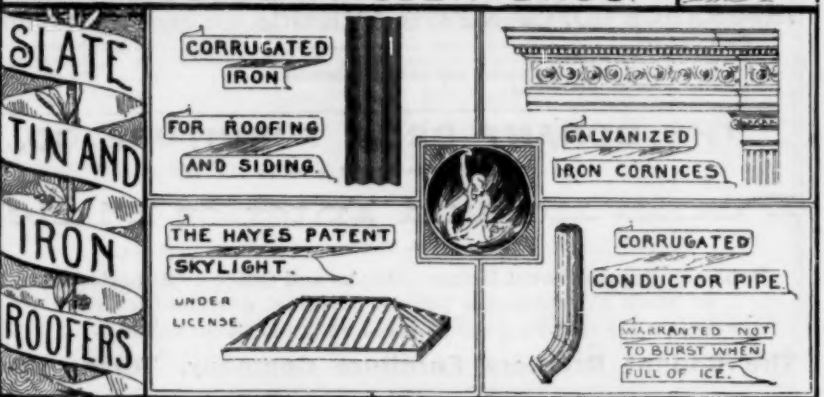
Nimrod St., s s, 80' w Hamburg Ave., three-sty
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& Dreher, 295 Wyckoff Ave.; architect, John Dreher,
295 Wyckoff Ave.

Hamburg Ave., w s, 50' s Himrod St., 2 three-sty
frame dwells., tin roofs; cost, each, \$4,800; owners,
Brukard & Dreher, 295 Wyckoff St.; architect, John
Dreher, 295 Wyckoff St.

Devoe St., n s, 125' w Leonard St., four-sty frame
dwell., tin roof; cost, \$5,000; owner, A. Kippie,
Grand St.; architects, Billard & Crowell, 99 Broad-
way.

Pacific St., n s, 182' e Classon Ave., three-sty
frame dwell., tin roof; cost, \$3,700; owner, John
Powers, 1077 Pacific St.; architect, J. D. Reynolds,
363 Fulton St.

Eastern Parkway, s e cor. Snedeker Ave., 5 three-
frame dwells., tin roofs; cost, \$25,000; owners, J. F.
Ireland and W. Prapoley, Kent Ave. and Cross St.;
architect, Frank Holmberg, 1161 Broadway.

Macon St., n s, 23' e Patchen Ave., 4 two-sty
brick dwells., tin roofs; cost, \$4,000 each; owner,
Frederick Miller, 29 Reid Ave.

Morrell St., n e cor. Flushing Ave., four-sty
frame dwell., tin roof; cost, \$6,000; owner, Chas. F.
Diehlman, 11 Lewis Ave.; architect, Henry Vol-
weiler, 14 Elm St.

Albany Ave., e s, 20' s Park Pl., 12 two-sty
brick dwells., cement and gravel roofs; total cost,
\$48,000; owner, J. A. Loucks, Bay Ridge, L. I.;
architect, W. M. Coots, 26 Court St.

Albany Ave., s e cor. Park Pl. and Albany Ave.,
n e cor. Butler St., 2 three-sty brick dwells., cement
and gravel roofs; total cost, \$10,000; owner, J. A.
Loucks, Bay Ridge, L. I.; architect, W. M. Coots,
26 Court St.

Humboldt St., e s, 140' n Nassau Ave., 12 two-sty
brick dwells., gravel roofs; cost, \$30,000; owners
and architects, Randall & Miller, 16 Bedford Ave.

Eighth Ave., n w cor. Carroll St., four-sty brick
dwell., tile roof; cost, \$75,000; owner, J. H. Hanan,
Centre and White Sts., New York City; architect,
C. P. H. Gilbert, 18 Broadway, New York City.

Knickerbocker St., s e cor. Melrose St., three-
sty dwell. and pork-packing house, tin roof; cost,
\$21,000; owner, Theo. Jahrsdoerfer, 71 Central Ave.;
architect, Frank Holmberg, 1161 Broadway.

Boston, Mass. — Tuttle Ave., near Hartland St.,
Ward 21, two frame dwells., 19.3' x 40'; owner and
builder, J. H. Beal.

Codman St., nearly opp. Carruth St., Ward 21,

BUILDING INTELLIGENCE.

frame dwell., 25' x 48'; owner, W. Hannan; build-
ers, Hutchison & Henderson.

Dorchester Ave., cor. Codman St., Ward 24, three-
sty frame dwell., flat roof, 27' x 41'; owner, James
Reed; builder, James Davidson.

Idaho St., near River St., Ward 24, frame dwell.,
21' x 28.6'; owner, Jeremiah Bouvie; builder, H. H.
DeLoria.

Connelly St., near Reed St., Ward 20, 4 three-sty
brick dwells., flat roofs, 29' x 32'; owner, N. Jewett;
builder, T. Connelly.

Clarendon Park, near Poplar St., Ward 23, frame
dwell., 21' x 33'; owner, W. P. Fowler; builder, A.
Rogers.

Pratt St., cor. Unnamed St., near Ashford St.,
Ward 25, frame dwell., 22.6' x 32'; owner, H. W.
Longfellow; builder, T. A. Sanford.

Dorchester Ave., No. 1405, Ward 24, three-sty
frame dwell. and store, pitch roof, 25' x 40'; owner,
J. Nagle; builder, M. Ryan.

Camden, N. J. — Ninth and Bulson Sts., two-sty
frame dwell.; owner, Griffin Stubbs.

Spruce St., e Broadway, 5 two-sty brick dwells.;
owner, J. S. Jackson, 829 Broadway.

Chelton Ave., e Fillmore St., two frame dwells.;
owner, Litars Litchford, 1938 Fillmore St.

Atlantic Ave., s s, w Haddon Ave., two-sty frame
dwell.; owner, Isidore Green, cor. Atlantic and
Louis Sts.

Kaighn Ave., e Tenth St., two-sty brick dwell.;
owner, C. Huden.

Masten St. and Central Ave., frame dwell.; owner,
H. Greenan, on premises.

Ferry Ave. and Masten St., 2 two-sty frame
dwell.; owner, Thos. Harmon.

South Sixth St., Nos. 1743-1745, two-sty frame
dwell.; owner, Wm. Williams, on premises.

Florence St., n s, w Seventeenth St., two-sty
frame dwell.; owner, Edwin Orth, Florence St.

Fairview St., w Ninth St., two-sty frame dwell.;
owner, Florian Cripka.

Sixth St., e s, s Van Hook St., two-sty frame
dwell.; owner, John Schaus, 510 Jackson St.

Chestnut St., e Seventh St., 10 two-sty brick
dwell.; owner, Wm. C. Seudder.

Lemon St., ab. Camden St. and Atlantic R. R.,
two-sty brick dwell.; owner, Isidore Green, cor.
Atlantic and Louis Sts.

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Lemon St., s Eighth St., one-st'y frame dwell.; owner, Edmund Ritter, Ferry Ave.
State and Sixth Sts., 2 three-st'y brick dwells.; owner, Wilson Ernst.
State St., e s Sixth St., 11 brick dwells.; owner, Wilson Ernst.

Chicago, Ill.—Jacob Doctor 2 two-st'y dwells., 493-497 Forty-second St.; cost, \$9,000.

A. F. Shuman, two-st'y dwell., 5535 Carroll Ave.; cost, \$8,000.

W. B. Davidson, two-st'y dwell., 6210 Oglesby Ave.; cost, \$2,500.

A. M. Fuller, 2 two-st'y dwells. and barn, 4832 Ellis Ave.; cost, \$35,000.

F. E. Rainier, two-st'y dwell., 937 Turner Ave.; cost, \$5,000.

Jas. W. D. Kelley, three-st'y dwell., 3222 Lake Park Ave.; cost, \$5,000.

Jas. W. D. Kelley, two-st'y dwell., 93 Hamlin Ave.; cost, \$2,500.

C. D. Snapp, two-st'y dwell., Yale St., near Seventy-first St.; cost, \$5,000.

Theodore Meyer, one-st'y dwell., Wolfgram St., near May St.; cost, \$2,000.

Henry Goble, one-st'y dwell. and store, 1316 Lawrence St.; cost, \$2,000.

James Otis, 2 two-st'y dwells., Eda St. and Indiana Ave.; cost, \$9,000.

Frank Kalberg, two-st'y dwell., 74 Wright St.; cost, \$4,000.

Robert Austin, two-st'y dwell., 836 Walnut St.; cost, \$3,500.

B. Weinacht, two-st'y dwell., 29-31 Woodland Park; cost, \$7,000.

P. Pleser, three-st'y dwell., 2015 Dearborn St.; cost, \$6,500.

G. O. Gordon, 2 two-st'y dwells., 4740-4744 Langley Ave.; cost, \$10,000.

B. Bushel, two-st'y dwell., 630 Chestnut St.; cost, \$3,000.

John Becker, two-st'y dwell. and barn, 4006 Wabash Ave.; cost, \$2,200.

Lincoln J. Carter, 2 two-st'y dwells., Forty-fourth St. and Langley Ave.; cost, \$4,000.

L. A. Williams, two-st'y dwell., 1530 Byron St.; cost, \$2,100.

Dorchester, Mass.—*River St.*, frame dwell., 29' x 30'; owner, Mrs. H. M. Chapman; contract to be let; architect, W. W. Lummus, Boston.

Hudson, Mass.—Frame dwell., 45' x 55'; owner, J. S. Bradley; contract to let; architect, S. S. Woodcock, Boston.

Lynn, Mass.—*Common St.*, two-st'y frame dwell., 30' x 40'; owner, Dr. Perkins; contract to be let; architect, W. W. Lummus, Boston.

Chestnut St. and Locust Pl., frame dwell.; owner, L. C. Wyman; contract to be let; same architect.
Endicott St., frame dwell., 24' x 30'; owner, F. H. Raddin; contract to be let; same architect.

Newton Highlands, Mass.—*Lake Ave.*, frame dwell., 37' x 41'; owner, M. C. Braddon; builder, J. F. Mills; architect, S. S. Woodcock, Boston.

New York, N. Y.—*Eighty-second St.*, s s, 100' e Ninth Ave., 7 four-st'y brick dwells., tin roofs; cost, \$126,000; owner, Charles McDonald 58 West Eighty-second St.; architects, Thom & Wilson, 1267 Broadway.

West One Hundred and Twenty-eighth St., No. 25, 2 three-st'y brick dwells., tin roofs; cost, \$14,000; owner, Alfred Fountain, 214 East One Hundred and Twelfth St.; architect, Frank Stanley, 72 Hooper St., Brooklyn, N. Y.

Fifth Ave., No. 844, four-st'y brick dwell., slate or tin roof; cost, \$50,000; owner, O. W. Randall, 226 Fifth Ave.; architect, R. Napier Anderson, 74 Fifth Ave.

One Hundred and Forty-seventh St., s s, 352 w St. Nicholas Ave., three-st'y brick dwell., tin roof; cost, \$15,000; owner, Denis J. Dwyer, 312 East Fifty-seventh St.; architects, Higgs & Rooke, 835 Broadway.

One Hundred and Twenty-first St., s s, 180' w Lenox Ave., three-st'y brick dwell., tin roof; cost, \$12,000; owner, James Carlee, 17 West One Hundred and Twenty-second St.; architect, Julius Franke, 127 West One Hundred and Twenty-second St.

Madison Ave., s e cor. Ninety-third St., 5 three-st'y brick dwells., tin roofs; cost, \$77,000; owner, Walter Reid, 1472 Third Ave.; architects, A. B. Ogden & Son, 1031 Madison Ave.

Seventy-second St., n s, 100' e West End Ave., 6 four-st'y brick dwells., mansard, slate and tin roofs; cost, \$120,000; owner, Wm. E. D. Stokes, 269 West Seventy-third St.; architect, Joseph H. Taft, 41 East Twentieth St.

One Hundred and Fifty-second St., s s, bet. Tenth and St. Nicholas Aves., 3 three-st'y buff brick and stone dwells.; cost, \$30,000; owner, Jas. McKenny; architect, Chas. P. H. Gilbert.

Philadelphia, Pa.—*Emily St.*, n s, w Front St.,

BUILDING INTELLIGENCE.

18 two-st'y dwells.; owner, J. J. Cassidy, Moyamensing Ave. and McKean St.

McClellan St., s s, w Eleventh St., two-st'y dwell.; owner, J. J. Cassidy, Moyamensing Ave. and McKean St.

Second St., w s, s Mercy St., 5 two-st'y dwells.; owner, J. J. Cassidy, Moyamensing Ave. and McKean St.

Fourth St., w s, n Snyder Ave., 2 three-st'y dwells.; owner, J. J. Cassidy, Moyamensing Ave. and McKean St.

Thirtieth St., e s, s Fletcher St., two-st'y dwell.; contractor, Wm. F. Albrecht, 2341 North Twenty-ninth St.

Thompson St., s s, w Carlisle St., 5 three-st'y dwells.; contractor, L. Koder, 1520 Fairmount Ave.

Howard St., s w cor. Brown St., 3 three-st'y dwells.; contractor, D. C. Cleaver, 1825 Spring Garden St.

Janney St., n w cor. Clearfield St., 2 two-st'y dwells.; owner, Owen McArdle, 2544 East Lehigh Ave.

Witte St., e s, s Clearfield St., two-st'y dwell.; owner, Owen McArdle, 2544 East Lehigh Ave.

Sixteenth St., e s, s Ontario St., 5 two-st'y dwells.; contractor, P. J. Baral, 1022 North Twenty-fourth St.

Greenough Ave., cor. Mansion Ave., two-st'y dwell.; contractor, Frank Gillett, 4707 Smick St.

Sixty-first St., n w cor. Lee St., 10 two-st'y dwells.; owners, Lee & Hicks, Sixty-third St. and Haverford Ave.

State St., e and w s, n Poplar St., 30 two-st'y dwells.; owners, Merritt & Thornton, Fortieth and Poplar Sts.

Union St., n s, n Poplar St., 15 two-st'y dwells.; owners, Merritt & Thornton, Fortieth and Poplar Sts.

Westminster Ave., s s, w Fifty-third St., 2 two-st'y dwells.; owner, W. B. Patterson, Fifty-third St. and Wyalusing Ave.

Providence, R. I.—*Measer St.*, frame dwell.; cost, \$3,300; owner, Edmund Cochrane; builders, J. B. Le Clerc & Co.

Providence St., frame dwell.; owner, John Cullen; architect, Albert H. Humes.

Valley St., frame dwell.; cost, \$3,000; owners, Michael Fallon and wife; builders, Charles Bros.

Andrews Ave., frame dwell.; owners, J. A. Chase and wife.

Alton St., frame dwell.; owner and builder, S. C. Wheeler.

Vineyard St., frame dwell.; cost, \$3,600; owner, Joseph Baker; builder, John T. Machon.

Chapin Ave., two frame dwells.; cost, each, \$2,500 and \$3,000; owner and builder, Vincent Bowen.

Linden and West Clifford Sts., frame dwell.; cost, \$3,000; owner, John Battey; builder, Bradford Mason.

Cranston St., two frame dwells.; owner, Chas. F. Walker; builder, John Gray.

Pekin St., frame dwell.; cost, \$2,800; owner, Thos. Gilbane; builders, Gilbane & Bro.

Bernon St., frame dwell.; cost, \$7,000; owner, Andrew Dickhaut; builder, Hiram A. Buffinton.

Richfield, Ct.—Two frame dwells., colonial style, 40' x 40', with L, 20' x 20'; owner of one, M. B. Cary; of the other, Mrs. Bryson; contracts to be let; architect, Arthur Little, Boston.

OFFICE-BUILDINGS.

New York, N. Y.—*William St.*, Nos. 57-59, fireproof brick, stone and terra-cotta office-building; owners, Lancashire Fire Insurance Co.; architects, Lamb & Rich.

East Seventeenth St., No. 31, and *East Eighteenth St.*, No. 36, eleven-st'y brick office-building, asphaltum fireproof arch roof; cost, \$100,000; owner, Wm. H. Jackson, 825 Madison Ave.; architect, Wm. H. Berkmyre, 1652 Madison Ave.

Washington St., e s, bet. Liberty and Cedar Sts., seven-st'y brick and stone office-building; owner, John Pettit; architect, James M. Farnsworth.

Nassau St., Nos. 114-116, and *Ann St.*, No. 45, twelve-st'y fireproof office-building; owner, John Pettit; architect, James M. Farnsworth.

Philadelphia, Pa.—*Clearfield St.*, n s, w Fifteenth St., two-st'y office; contractor, H. A. Miller, 1609 Allegheny Ave.

Fifteenth St., s e cor. Vine St., three-st'y office-building; architect, O. C. Wolf, n e cor. Broad and Arch Sts.

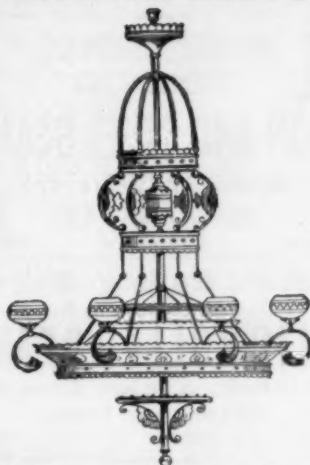
RAILROAD BUILDINGS.

St. Louis, Mo.—One-st'y brick round-house; cost, \$7,000; owners and contractors, Wabash R. R. Co.

One-st'y brick car-house; cost, \$16,000; owners, Lindell Ry. Co.; contractor, F. S. Green.

(Continued on page xviii.)

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Christ Episcopal, Jordan, N. Y.
First Congregational, Williamstown, Mass.
First Baptist, Franklin, Ind.
Euclid Ave. Congregational, Cleveland, O.
Second Congregational, New London, Conn.
Twenty-Second St. Baptist, Louisville, Ky.
Methodist Episcopal, Chatham, N. Y.
Universalist, Titusville, Pa.
Presbyterian, Greenwich, Conn.
St. Stephen's, Worcester, Mass.
Trumbull Ave. Presbyterian, Detroit, Mich.
Methodist Episcopal, Flemington, N. J.
Jane St. M. E., New York.
First Unitarian, Deerfield, Mass.
St. Rose, Lima, N. Y.
St. John's M. E., Brooklyn, N. Y.
Methodist Episcopal, San Bernardino, Cal.
First Baptist, Columbus, Miss.
Methodist Episcopal, Ontario, Cal.
Church of the Ascension, Hamilton, Ont.
Madison Ave. Reformed, New York.
Centenary M. E., Newark, N. J.
Greenwood Baptist, Brooklyn, N. Y.
Seventh Day Baptist, Plainfield, N. J.
Zion, Greene, N. Y.
West Side Ave. Presbyterian, Jersey City, N. J.
English Lutheran, Hazleton, Pa.
Brick Church, Presbyterian, Orange, N. J.
Methodist Episcopal, Austin, Minn.
First Baptist, Johnstown, Pa.
Presbyterian Church, Horseheads, N. Y.
Methodist Episcopal, Hackettstown, N. J.
Trinity Church, Portland, Conn.
Dwight Place Church, New Haven, Conn.
First Presbyterian, Galveston, Tex.
Classon Ave. Presbyterian, Brooklyn, N. Y.
Tomkins Ave. Congregational, Brooklyn, N. Y.
Baptist, Beverly, Mass.
Asbury Memorial M. E. Church, Providence, R. I.
St. Bernard's, Baritan, N. J.
Cumberland Presbyterian, Murfreesboro, Tenn.
First Presbyterian, Englewood, N. J.
Pilgrim Congregational, Duluth, Minn.
First Congregational Church, St. Albans, N. Y.
Garland St. M. E. Church, Flint, Mich.
Summer Ave. M. E. Church, Brooklyn, N. Y.
Tabernacle Baptist, Brooklyn, N. Y.
Baptist Church, Bristol, Conn.
Lutheran Church, Wooster, O.
Centenary M. E. Church, Jacksonville, Ill.
Eliot St. Congregational, Newton, Mass.
St. George's Church, Astoria, N. Y.
St. Luke's, Brooklyn, N. Y.
First Methodist Episcopal, Portland, Oregon.
Centenary M. E. Church, Norfolk, Va.
Grace M. E. Church, Red Bank, N. J.
East Reformed, Brooklyn, N. Y.
Gustavus Adolphus Lutheran, New York.
Third German Baptist, New York.
First Congregational Church, Oswego, N. Y.
Rev. Phillips Brooks, D. D., Church, Boston, Mass.
Second Congregational Church, Northfield, Mass.
Presbyterian Church, Hackettstown, N. J.
First Presbyterian Church, Mauch Chunk, Pa.
First Presbyterian Church, Shamokin, Pa.
St. Thomas's Church, Greenville, R. I.
South Highland M. E. Church, Garrison, N. Y.
First Baptist Church, Watkins, N. Y.
Seventh St. Lutheran Church, Lebanon, Pa.
Epworth M. E. Church, East Saginaw, Mich.
M. E. Church, Martinsville, Ind.
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Philadelphia, Pa.—Fourth St., w s, s Clearfield St.,
three-st'y school-house; contractor, Wm. R. Dough-
erty, 1004-1006 Sansom St.

STABLES.

Boston, Mass.—Temple St., rear, near Ivory St.,
Ward 23, two-st'y frame stable, 20' x 31'; owner,
Chas. Rohde; builders, Swanson & Murray.

Standish Ave., rear, near Harvard St., Ward 24,
two-st'y frame stable, hip roof, 28' x 46'; owner,
Clara J. Brandt; builder, W. I. Rice.

Chicago, Ill.—John Elsgner, two-st'y barn, 1487
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New York, N. Y.—East Twenty-eighth St., No. 330,
two-st'y brick stable, gravel roof; cost, \$4,000;

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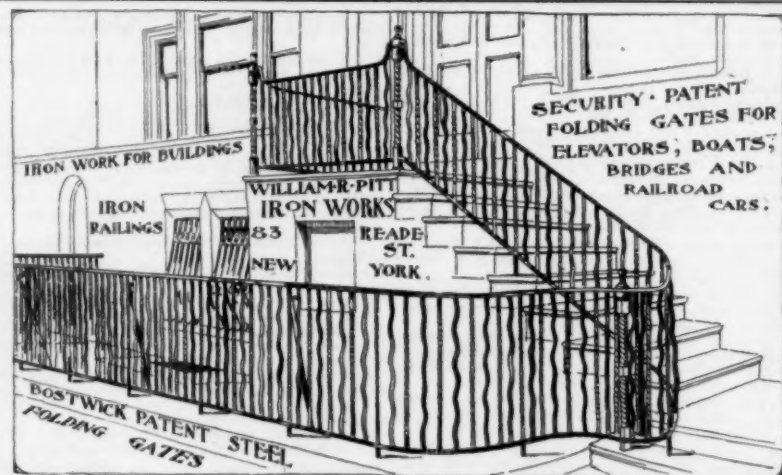
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Philadelphia, Pa.—Ripha St. and Mansion Ave.,
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STORES.

Camden, N. J.—Broadway, Nos. 902-904, two brick
stores and dwells.; owner, J. S. Jackson, 529 Broad-
way.

Clinton St., n s, w Broadway, one-st'y brick store;
owners, L. W. Fossett & Bro., 578 Clinton St.

Chicago, Ill.—D. W. Potter, 6 four-st'y stores and
flats, 106-116 Forty-third St.; cost, \$50,000.

John Nelson, four-st'y store and flats, 313 West
Ohio St.; cost, \$9,000.

Levi Sandon, three-st'y stores and flats, 966 West
Harrison St.; cost, \$4,000.

F. Guehenius, four-st'y stores and flats, 308 West
Division St.; cost, \$10,000.

H. J. Robbins, three-st'y stores and flats, 5625
Jefferson Ave.; cost, \$10,000.

Warren Cole, two-st'y stores and flats, 9174 Com-
mercial St.; cost, \$5,000.

F. J. Munson, three-st'y store and flat, 1666 Mil-
waukee Ave.; cost, \$3,000.

Stephen Prybil, three-st'y store and flats, 1042
North Western Ave.; cost, \$7,500.

M. Kroessler, three-st'y store and flats, 600 Hal-
sted St.; cost, \$5,000.

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Carl Henrick, three-st'y stores and flats, 900 West
Twenty-first St.; cost, \$3,000.

Fred Spear, three-st'y stores and flats, 240 Rum-
sey St.; cost, \$6,000.

M. Godfrey, two-st'y store and flats, 5209 Halsted
St.; cost, \$2,200.

New York, N. Y.—East Houston St., Nos. 42-44, six-
st'y brick store, metal roof; cost, \$45,000; owner,
Miss Matilda W. Bruce, 39 East Twenty-third St.;
architects, Gordon & Gillis, 19 Park Ave.

Broadway, No. 712, store-building; owners, Scholle
Bros.; architect, Alfred Zucker.

Waverley Pl., n e cor. Greene St., six-st'y stone
and brick store; cost, \$280,000; owner, Jero C.
Lyons; architects, Buchman & Deisler.

Hudson St., n e cor. West St., six-st'y brick store,
gravel roof; cost, \$30,000; owner, John Pettit, 34
Nassau St.; architect, John M. Farnsworth, Temple
Ct.

East One Hundred and Twenty-second St., No.
182, six-st'y brick store, tin roof; cost, \$15,000;
owner, Reformed Low Dutch Church, 61 East One
Hundred and Twenty-third St.; architect, George
M. Walgrove, 139 Fulton St.

Canal St., No. 385, five-st'y brick store, tin roof;
cost, \$17,000; owner, Denis Arnould, 17 Wooster
St.; architects, Brunner & Tryon, 39 Union Sq.

Philadelphia, Pa.—Sixth St., s e cor. Worth St.,
three-st'y brick store and dwell.; owner, Wm. Mc-
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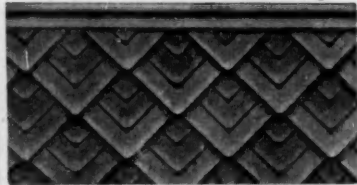
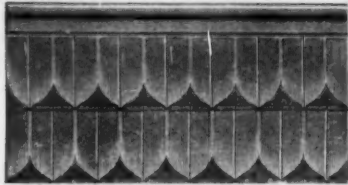
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421 to 429 South Sixth St., ST. LOUIS, MO.**BUILDING INTELLIGENCE.**

died on March 13, at his home here, of nervous exhaustion, brought on by overwork. He was sixty-five years of age, and had been established here since 1850. He designed the Standard Oil Company's building at 26 Broadway, New York; the Ninth National Bank, St. Paul's Methodist Church and the Baptist Church of the Epiphany in New York, as well as the Phoenix Insurance Company building here; the residences of Charles Pratt, Judge Greenleaf, A. V. Stout, Amos Robbins, J. S. Rockwell and others; the Washington Avenue Baptist Church, the South Brooklyn Savings Bank and the Adelphi Academy; the Court-house at Meadville, Pa.; the Crescent Avenue Presbyterian Church of Plainfield, N. J.; the Congregational Church of Plainfield, N. J.; the Colgate Academy and Library of Madison University, at Hamilton, N. Y.; the Pratt Gymnasium at Amherst College; the Music-hall at Plainfield, N. J., and other prominent structures. Mr. Roberts was popular among a large and select circle of acquaintances. He was at one time a director of the Phoenix Insurance Co., and a member of the Board of Deacons and Trustees of the Washington Ave. Baptist Church. He had also been mentioned as President of the Department of Architecture of the Brooklyn Institute.

Camden, N. J.—Haddon Ave. and Mickle St., one-sty iron building; owners, J. A. Young & Co., Moorestown, N. J.**Ninth and Market Sts., Granville B. Haines & Co. will demolish their establishment and build on its site a seven-sty building with all modern improvements,** at a cost of about \$200,000; architect, Addison Hutton, Jr.; builders, Geo. Watson & Son.**Chicago, Ill.—Webster Constock Manufacturing Co., two and one-sty machine-shops and foundry,** Fifteenth St., near Western Ave.; cost, \$30,000.**Malden, Mass.—Medford St., cor. Madison St., frame building, 50' x 33', to contain two stores and four tenements;** owner, Mrs. Marie Staffens; architect, S. S. Woodcock, Boston; builder, W. D. Clark.**Philadelphia, Pa.—Hutchinson St., No. 2644, two-sty shop;** contractor, Jos. Parker, 2639 German-town Ave.**Levering St., w Cresson St., three-sty laundry;** contractor, Frank Gillett.**German-town Ave., No. 4724, one-sty boiler-house;** contractor, S. C. Aiman, 1604 South Sixteenth St.**Broad St., w s, n Catharine St., one-sty foundry;** contractors, J. E. & A. L. Pennock, 305 Walnut St.**Broad St., e s, s Susquehanna Ave., one-sty hall;** owner, Edmund Molloy, 1922 East Somerset St.**Mulberry St., e s, s Bridge St., one-sty dry-house;** contractor, R. C. Winnals, 4637 North St.**J. G. & T. DIMOND,**
Architectural Iron - Works.
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BUILDING INTELLIGENCE.**Mulberry St., e s, s Bridge St., three-sty mill;** contractor, R. C. Winnals, 4637 North St.**St. Louis, Mo.—Two-sty brick retort-house;** cost, \$8,000; owners and contractors, Laclede Gas Co.**Two-sty brick purifying station;** cost, \$4,000; owners and contractors, Laclede Gas Co.**PROPOSALS.****GYMNASIUM.**

[At West Point, N. Y.]

OFFICE OF POST QUARTERMASTER,

WEST POINT, N. Y., March 26, 1890.

Sealed proposals, in triplicate, will be received at this office until noon, Saturday, April 26, 1890, for the construction of a gymnasium building.

Plans can be seen and forms and specifications obtained at this office, or at the office of Mr. H. M. Hunt, architect, Tribune Building, New York City.

The right is reserved to reject any and all proposals.
CHAS. W. WILLIAMS,
Capt. and A. Q. M., U. S. Army.**STEAM PUMP AND WATER PIPE.**

[At Clifton Heights, Pa.]

Sealed proposals will be received, addressed as below, until 4 o'clock P. M., April 15, 1890, for furnishing for the construction of the Clifton Heights Water-works cast-iron pipe and for laying the same.

Also, until 6 o'clock P. M., April 29, 1890, for furnishing steam pumping machinery for building engine-house and for constructing a reservoir.

Specifications can be obtained from the undersigned or Isaac S. Cassin, engineer, No. 1404 North Twelfth Street, Philadelphia, Pa.

The right is reserved to reject any or all of the said proposals.

S. P. BARTLESON, M. D., President,

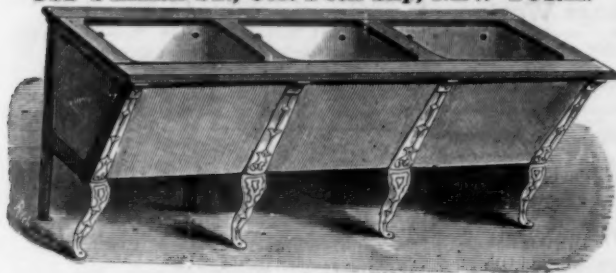
Clifton Heights Water Company,

Clifton Heights, Delaware County, Pa.

March 26, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 25th day of April, 1890, for all the labor and materials required for the erection and completion of the United States Post-office building at Portsmouth, O. (except heating apparatus), including approaches, 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. Each bid must be accompanied by a certified check for \$500. The Department will reject all bids received after the time fixed for opening the same; also bids which do not comply strictly with all the requirements of this invitation. **JAMES H. WINDRIM,** Supervising Architect.

March 29, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 25th day of April, 1890, for all the labor and materials required for certain miscellaneous repairs, and to erect and complete an observatory on roof of the United States Custom-House building at New Orleans,

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STEWART CERAMIC COMPANY,
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LIBERAL TERMS TO THE TRADE. SEND FOR PRICE-LIST AND CATALOGUE.**LAUNDRY MACHINERY.** HOTEL and INSTITUTION
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Carefully Handled.[ESTABLISHED 1861.]
Send for Catalogue.**OAKLEY & KEATING, 40 Courtlandt St., NEW YORK.**

PROPOSALS.

La., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$200. The Department will reject all bids received after the time fixed for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. JAS. H. WINDRIM, Supervising Architect.

ELECTRIC-LIGHTING.

[At Asheville, N. C.]

ASHEVILLE, N. C., February 23, 1890.

The city of Asheville, N. C., invites proposals for lighting by electricity the city for a period of two years from October 1, 1890.

Proposals to contemplate an opinion giving the city the right to purchase the plant at expiration of the period mentioned.

Time for receiving bids is limited to May 1, 1890. The right is reserved to reject any or all bids, and to waive any defects.

CHARLES D. BLANTON, Mayor.

F. N. MILLER, City Clerk.

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BRONZE CASTING.

[At Cleveland, O.]

OFFICE OF THE EXECUTIVE COMMITTEE
OF THE BOARD OF COMMISSIONERS,
CUYAHOGA CO.,
SOLDIERS' AND SAILORS' MONUMENT,
CLEVELAND, O., March 20, 1890.

Sealed proposals will be received by the Executive Committee until 12 o'clock M. Thursday, the 10th day of April, 1890, from bronze-founders actually engaged in the business, for the bronze castings and other work pertaining thereto, to wholly complete and set in place on the site selected in Cleveland, O., when the Committee directs a Navy Group, called the "Mortar Fracture," composed of six figures, about 7' 6" high, together with a 13" mortar of proportionate size, mounted on a base or plinth about 7' x 19".

Bids to be endorsed "Proposals for Bronze Statuary," and addressed to the care of Levi F. Bauder, Secretary of the Board of Commissioners, Wick Block, Cleveland, O.

The plaster moulds can be seen at the studio on Rockwell Street, in rear of the City-hall, where a member of the Committee will give any information desired.

Written information can be obtained by addressing Levi T. Scofield, Architect, 22 Case Block, Cleveland, O.

Each bid to be accompanied by a written guaranty signed by two responsible sureties.

The Commissioners reserve the right to reject any or all bids, to accept or decline to close a contract, as in their discretion they shall deem it their duty to do.

The time for completion and delivery of castings must be stated, and will be considered in awarding the contract.

Bids will only be received for first-class standard statuary bronze and first-class workmanship.

WM. J. GLEASON, Chairman,

JAMES HAYR,

JAMES BARNETT,

J. B. MOLYNEAUX,

LEVI T. SCOFIELD,

Executive
Committee.

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YELLOW PINE.[At New York, N. Y.]
March 19, 1890.

Sealed proposals, indorsed "Proposals for Yellow Pine Plank, etc., for the New York Navy Yard, to be opened April 22, 1890," will be received at the Bureau of Provisions and Clothing, Navy Department, Washington, D. C., until 12 o'clock, noon, April 22, 1890, and publicly opened immediately thereafter, to furnish at the New York Navy Yard, 12,000 feet yellow pine plank; also a quantity of tools, consisting of drills, files, etc.

The articles must conform to the Navy standard and pass the usual naval inspection.

Blank proposals will be furnished upon application to the Commandant of the Navy Yard, the Navy Pay-office, New York, or to the Bureau.

Tie-bids decided by lot.

The Department reserves the right to reject any or all bids not deemed advantageous to the Government.

746

GEO. DEWEY,
Acting Chief of Bureau.

CANNOT BE TIED OPEN.

**Broughton's Patent Self-Closing
WHEEL HANDLE
BASIN COCK.**Stebbins Mfg. Co., SPRINGFIELD,
MASS.

SOLE MANUFACTURERS.

PROPOSALS.

COURT-HOUSE.

[At Richmond, Ind.]

The Board of Commissioners of Wayne County, Ind., will receive bids and proposals for the erection of a new court-house at the City of Richmond.

Building to be 212 x 124 feet, to be built of stone and iron, and to be a fireproof building.

Bids will be received on entire work, or in classes, to 12 o'clock M. on May 2, 1890, at the Auditor's office of said county.

Plans and specifications prepared by James W. McLaughlin, Architect, Cincinnati, O., adopted by the Board, are on file in said Auditor's office and in the office of the architect, Cincinnati, O.

For particulars, address

FINLEY NEWLIN,

Auditor, Richmond, Wayne County, Ind.

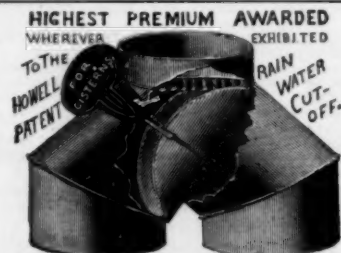
745

March 22, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on

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ING, JR., C. E. etc., in his
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Land Drainage, in speaking of
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PROPOSALS.

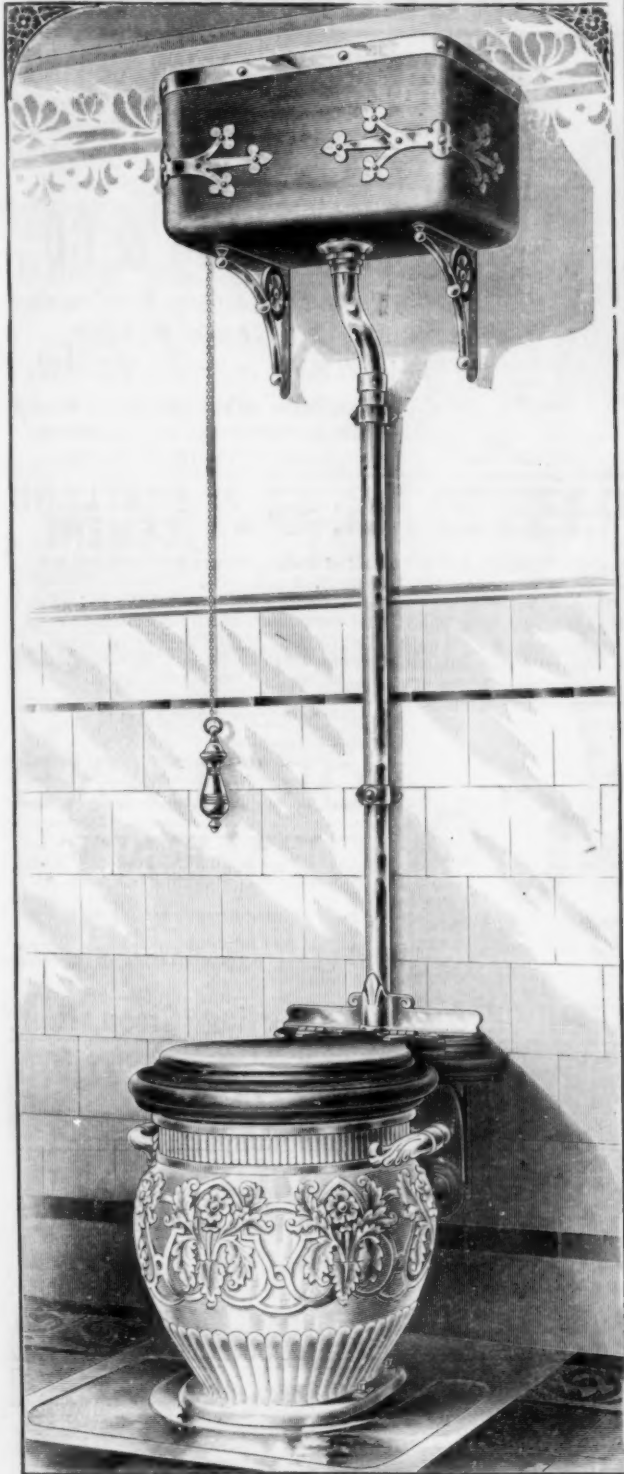
the 22d day of April, 1890, for all the labor and materials required in the erection and completion of the United States Court-house and Post-office building at Asheville, N. C. (approaches and heating apparatus not included), in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$500. The Department will reject all bids received after the time fixed for opening the same; also bids which do not comply strictly with all the requirements of this invitation. JAMES H. WINDRIM, Supervising Architect.

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[Continued in Supplement.]

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[Advertisers can be indexed only under a single head free of charge.]

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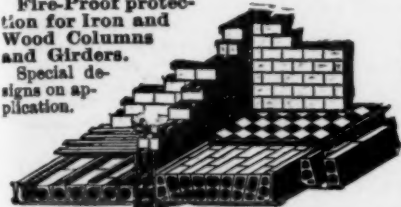
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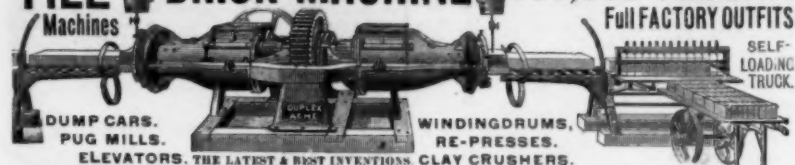
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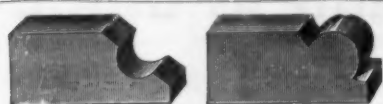
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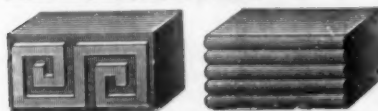
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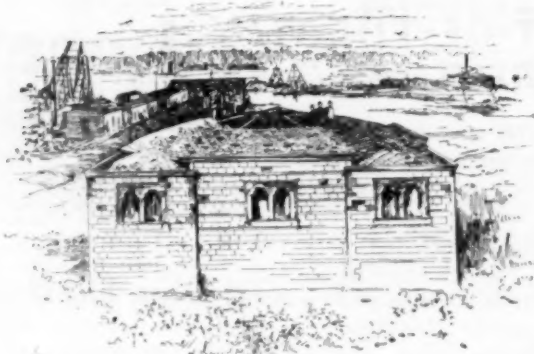
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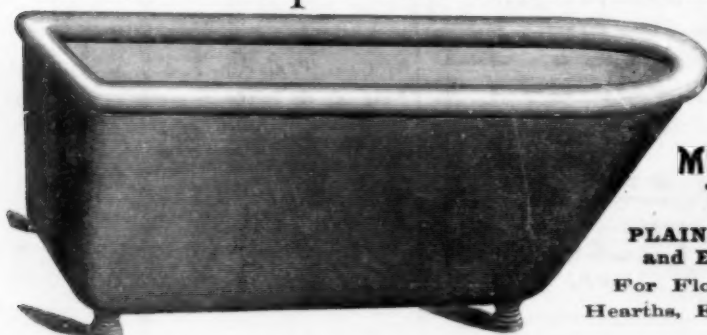
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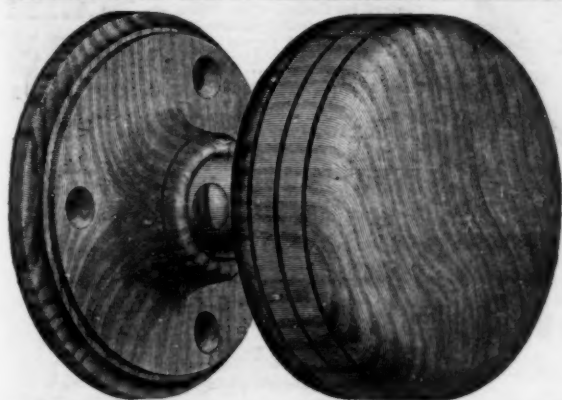
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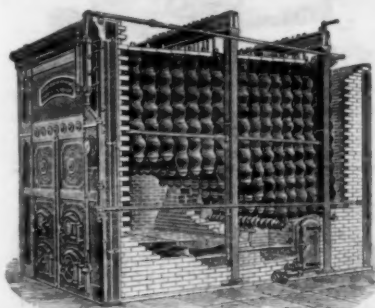
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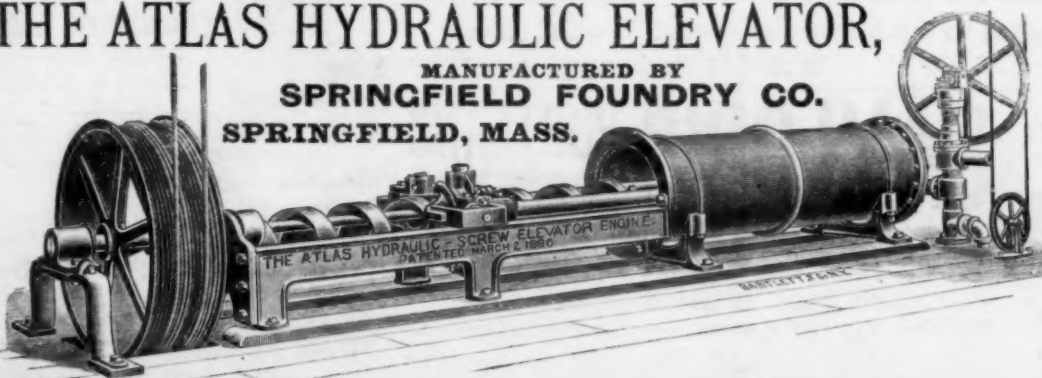
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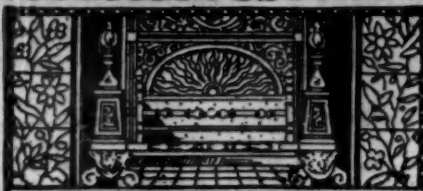


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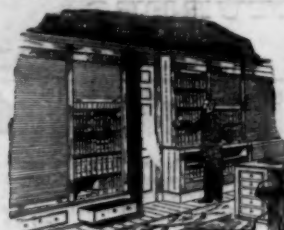
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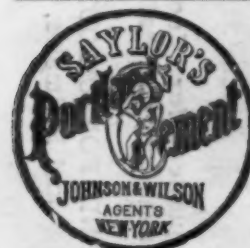
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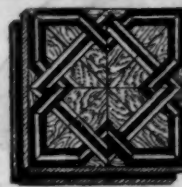
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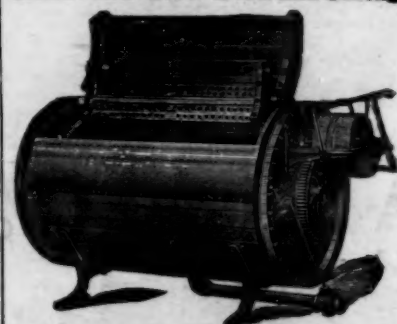
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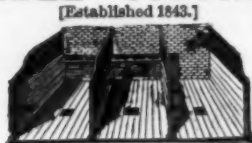
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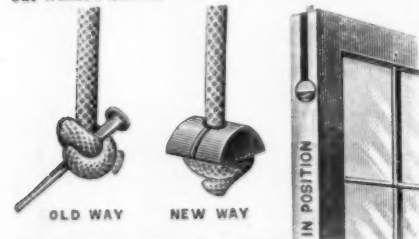
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Common: Cargo of...				
Pale.....	3 50 @ 3 75	Eastern.....	Building Brick.....	Sq. Hard @ 12.....
Jersey.....	5 75 @ 6 75	9 00 @ 10 00	@ 6 50	" " @ 9 00
Long Island.....	7 00 @ 7 25	Hay State Hard.....		Salm " @ 6 50
Up River.....	6 50 @ 7 00	10 00 @ 10 50		Sq. " @ 9 00
Haverstraw Bay 2nd.....	7 00 @ 7 25	Domestic Com.....	Indiana Pressed.....	Light Stretchers.....
" 1st.....	7 25 @ 7 75	9 50 @ 10 00	14 00 @ 20 00	" " @ 12 00
Hollow.....	13 00	Domestic Face.....	St. Louis Fronts.....	Medium ".....
Fronts.....		20 00 @ 22 00	@ 27 00	Red ".....
Croton, Brown.....	14 00 @ 15 00	Philadelphia.....		" " @ 15 00
" dark.....	15 00 @ 16 00	40 00 @ 45 00		Dark ".....
" red.....	15 00 @ 16 00	Phila. mould.....		" " @ 15 00
Chicago pressed (Anderson).....		50 00 @ 80 00		Pressed.....
Chicago Moulded.....				22 00 @ 26 00
Baltimore.....	7 00 @ 41 00	Anderson.....		Best Paving.....
Philadelphia.....	@ 22 00	14 00 @ 32 00		@ 16 00
Trenton.....	@ 22 00			second ".....
Milwaukee.....				Third ".....
Moulded:				@ 13 00
Glens Falls Red Pressed.....	@ 37 00			Dom. { @ 65
" " Buff.....	@ 30 00			@ 85
" " Moulded Red & Buff.....	45 00 @ 70 00			
Enamelled: Imp.....	85 00 @ 100 00			
Enamelled (edge).....	90 00 @ 115 00			
Enamelled (edge and end).....				
CEMENT, LIME, etc.—(Wholesale.)				
Rosendale Cement.....	90 @ 1 10			
Louisville.....	Not sold.			
Utica, Akron, Buffalo, Milw'kee.....	2 50 @ 3 00			
Portland, English (Gibbs).....	2 50 @ 3 00			
" " (K. B. & S.).....	2 25 @ 2 50			
" " Black Cross.....	2 50 @ 2 80			
" " (Burham).....	2 50 @ 3 00			
" " (White's).....	2 50 @ 3 00			
" " French (Lafarge).....	3 60 @ 3 75			
" " German (Aisen).....	2 90 @ 3 25			
" " (Fewer).....	2 25 @ 2 40			
" " (Vorwoller).....	2 50 @ 2 90			
" " (Lagerlofer).....	2 90 @ 3 25			
" " (Dyckerhoff).....	2 50 @ 3 00			
" " (Hanover).....	2 35 @ 2 85			
" " Stettin (Anchor).....	2 15 @ 2 45			
" " American (Baylor's).....	2 75 @ 3 00			
Roman.....	5 75 @ 6 50			
Keene's coarse.....	9 25 @ 10 25			
" superfine.....				
Lime:				
Line of Test.....	3 50 @ 4 00			
Hydraulic Lime.....	@ 1 45			
Chicago Lime in bulk.....				
Wisconsin.....	@ 1 00			
Rockland and Rockport, (Com.).....	@ 1 20			
Rockland and Rockport, finish.....	@ 1 30			
Kelley Island Lime, finish.....	@ 85			
State, com. cargo rates (nom.).....	@ 1 10			
State, finishing.....	@ 1 25			
Plaster of Paris (calcined).....	1 20 @ 1 25			
" (casting).....	1 30 @ 1 35			
Hair (Cattle) P bush.....	12 @ 15			
" (Goat).....	22 @ 25			
Sand, P load.....	1 00 @ 1 25			
STONE. (P cubic foot, rough.)				
Granite: (Maine).....				
Limestone:				
Bedford.....	45 @ 1 25			
Bedford.....	@ 1 00			
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(Prices to Builders and Contractors.)

Black, brown, buff p. lb.	2 1/2			
Colorific p. lb.	2 1/2			
Red p. lb.	3			
White p. lb.	1 75			
Foundation:				
Dimension		5 00 p. ton	20	5 00
Block		4 00 p. perch		1 45
Rubble		1 25	8 50	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		95 @ 1 16
Kibbe	90	90 @ 1 10		
Brown (Connecticut)	1 00 @ 95	1 25 @ 1 45	1 50 p. cub. ft.	1 05 @ 1 35
Amherst	90 @ 95	90 @ 1 00	45 @ 50	
Berea Ohio	75 @ 1 00	80 @ 90	45 @ 55	55 @ 1 00
Berlin	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	" 1 25	
New Brunswick (Dorchester)	1 00	75 @ 90		1 10 @ 1
Caen	1 05	75 @ 2 00		1 00 @ 1
Carlisle, English	1 05	75 @ 1 05		1 25 @ 1
Corse Hill (Scotch)	1 05	1 05		95 @ 1
Marble (p. cu. ft.)				
Lee, Mass.	1 75	2 50	Not sold.	2 00 @ 2 50
Rutland, white and blue	1 25	3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 75	2 00	350 @ 6 00	1 70 @ 3 00
Glens Falls, black			Not sold.	4 00 @ 4 50
Italian, blue-veined			Not sold.	2 50 @ 2 75
" Sienna			Not sold.	4 00 @ 5 00
Tennessee, red			Not sold.	4 00 @ 6 00
" Knoxville			Not sold.	3 00 @ 4 00
Pennsylvania, blue			Not sold.	2 00 @ 3 00
Vermont, white			Not sold.	2 25 @ 3 00
State: Roofing (p. square)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" black, Lehigh	4 25 @ 4 75		6 25 @ 8 85	3 25 @ 4 00
" Chapmans			7 30 @ 8 00	4 00 @ 4 85
" Unfading Black, Monson, Me.	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
Tile, Am.			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	6 1/2 @ 7	7
" Zinc	8 @ 8 1/2	8 1/2	7 @ 7 1/2	10 1/2
Red lead, Am.	6 @ 6 1/2	6 1/2	5 1/2 @ 6	7
" Venetian	6 @ 10 1/2	7 1/2 @ 12	13 @ 2 1/2	8
" Vermilion	6 @ 70	72 @ 75 dry	65 @ 68	66
Red Indian, Eng.	12 @ 20	12 @ 20	12 @ 20	7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	13
" Chrome	12 @ 20	18 @ 25	15 @ 25	14
Green (chrome)	8 @ 13	8 @ 20	8 @ 20	12
Green, Paris	25 @ 40	25 @ 40	18 @ 35	20
Black, lamp	15 @ 25	15 @ 25	8 @ 30	12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	20
Oil, linseed, (raw)	60 @ 63	61 @ 62	57 @ 60	58
" boiled	62 @ 66	64 @ 65	61 @ 63	61
Turpentine	44 @ 45	46 @ 47	51 @ 51	50
Varnish, coach		1 50 @ 6 00	1 25 @ 2 00	3 00
Shellac		2 @ 4	2 @ 4	2 75
Putty	2 @ 1	2 @ 1	2 @ 1	2
Whiting	75 @ 1 00	1 @ 1 1/2	1 @ 1 1/2	1
Paris white, (Eng.)	1 30 @ 2 00	2 @ 1 1/2	1 1/2 @ 2	14
Litharge, Am.	54 @ 6	7 1/2	6 1/2 @ 7	7
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	14
Umber	14 @ 20	14 @ 20	2 @ 10	12
HARDWARE.				
Nails: (Per Cask.) Spikes, (wrought.)	2 85		2 75 @ 3 00	pr kg @ 2 25
10d. common	2 50	@ 2 30	@ 2 70	@ 2 30
Shingle	3 35	@ 2 50	@ 3 10	@ 2 60
Lath	4 85	@ 3 70	@ 4 10	3 60 @ 4 75
Finishing nails add 75c. per keg.			Add .85 to \$1.15	per lb @ 6
(For casing nails add 75c. per keg.)			" .50 to .50	Add pr cask
Butts: 4"x4" (p. doz. pairs)				2 90 (all kinds.)
Plain	1 00	@ 1 20	@ 90	1 35 @ 2 00
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	65	@ 50	Not sold.	1 25
Bronze metal	1 90	plain 1 65	2 00 @ 3 25	1 00
Brass (10" supboards)	10	@ 10	@ 12	35
Ebony				37 @ 1 00
Apple wood				
Knobs: (p. Set.)				
Mineral, best	8	@ 8	8 @ 10	Not sold.
Lava	50	@ 75	65 @ 80	23 @ 50
Hemlock	Not sold	17 @ 33	31 @ 40	25 @ 25
Forcelain	30	@ 50	25 @ 30	1 00 @ 2 50
Glass, solid	Not sold	88 @ 1 00	Not sold.	1 75 @ 2 00
Glass, silvered	Not sold	50 @ 3 00	50 @ 3 00	50 @ 3 50
Bronze metal	75 @ 2 00	50 @ 3 00	1 00 @ 3 00	75 @ 1 25
Brass	1 00 @ 2 50	50 @ 3 00	13 @ 16	134 @ 16
Solder:				@ 6
Sheet Lead		@ 6	@ 7	@ 6
Lead Pipe		@ 6 1/2	@ 6 1/2	@ 6
Iron:				
I-Beams, up to and including 30 ft.	3 3-10 @ 34	@ 3 1-10	3 20 @ 3 70	@ 2 8-10
I-Beams, over 30 ft. 1, 1 1/2, 2 c. advance.	3 3-10 @ 34	@ 3 1-10	@ 3 70	@ 2 8-10
Channel Beams		@ 3 1-10		@ 2 8-10

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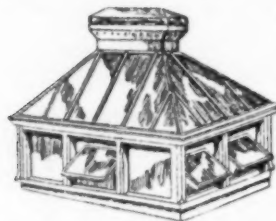
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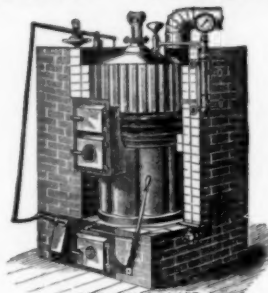
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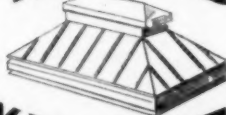
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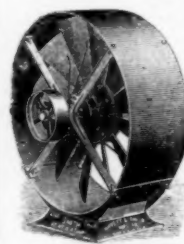
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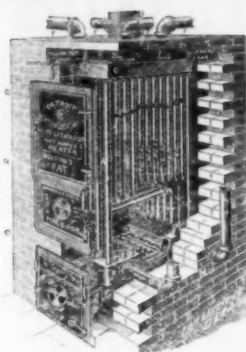
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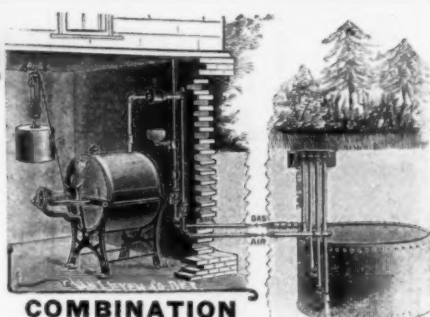


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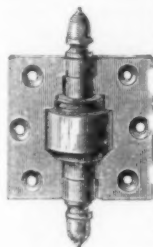
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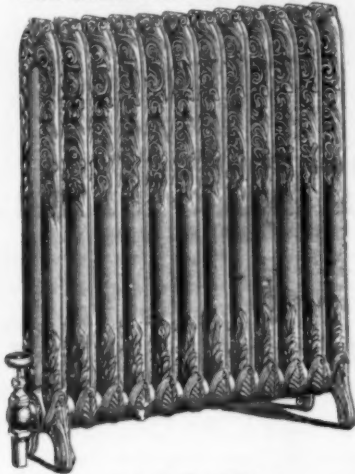
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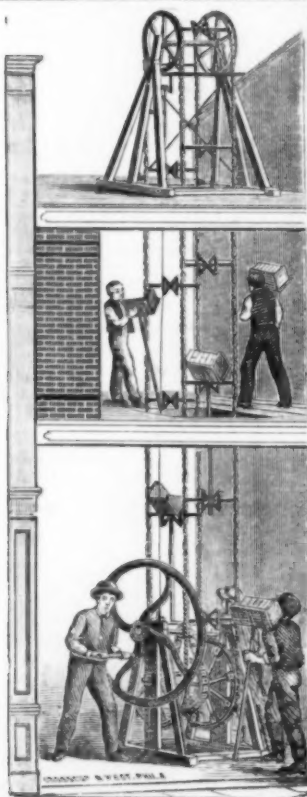
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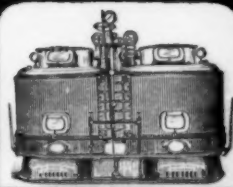
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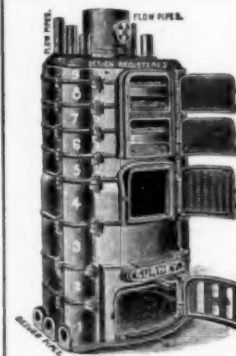
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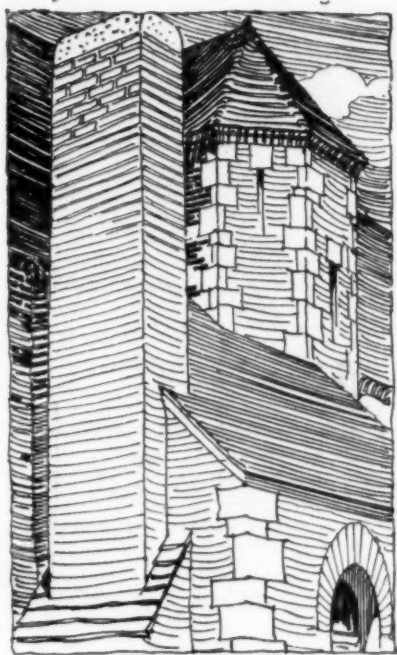
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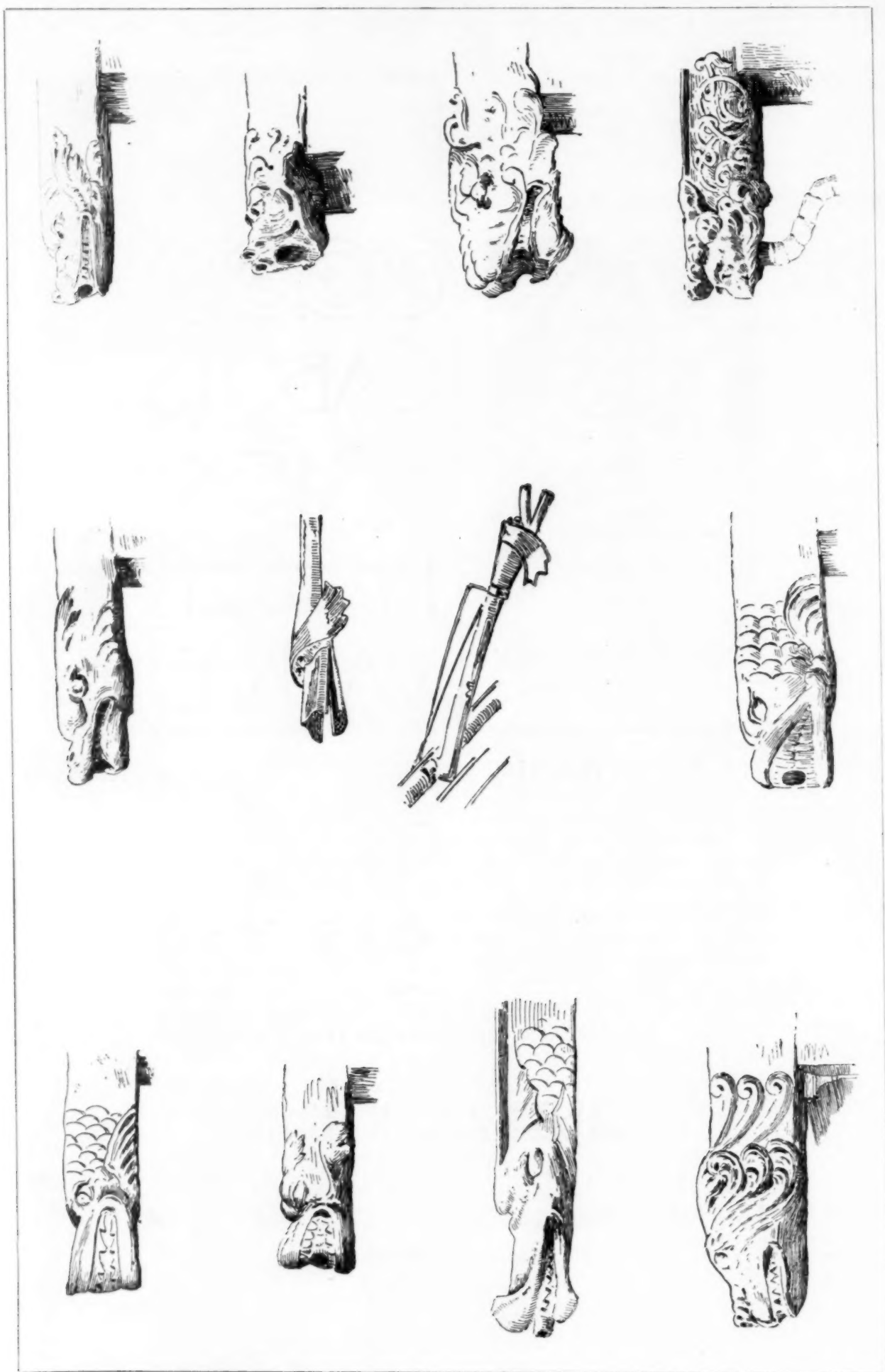


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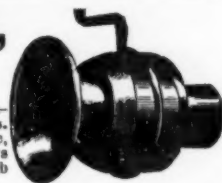
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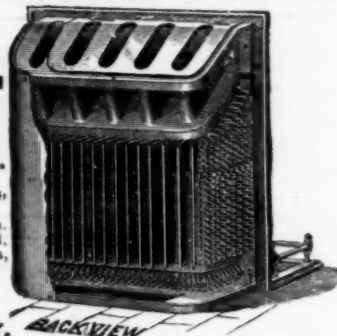


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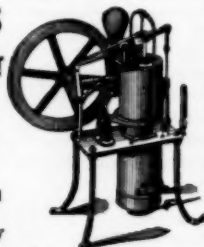


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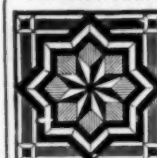
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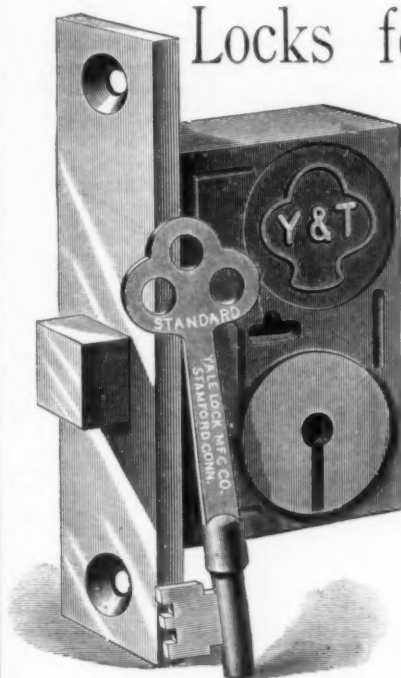
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The American Architect and Building News

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New Advertisements.

NATIONAL HOD ELEVATING CO. (Ltd.) (Philadelphia, Pa.), Hod Elevator. Page viii.
MERCHANT & CO. (Philadelphia, Pa.), Roofing Tin. Page xvii.
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PEERLESS BRICK CO. (Philadelphia, Pa.), Bricks. Page 3 (Cover).

PERSPECTIVE DRAWING.

The American Architect Drawing-Office will undertake the preparation of perspective drawings in line or color from scale drawings, or will render drawings already in outline. Address the editors.

WANTED.

DRAUGHTSMAN.—Wanted, an architectural draughtsman. Address, stating experience, reference and salary expected, H. M. Francis, Architect, Fitchburg, Mass. tf.

WANTED.

DRAUGHTSMEN.—Wanted, two draughtsmen: one a first-class designer well up in modern designs, the other a skilful architectural draughtsman, who is competent to act as chief in draughting-room. Address F. S. Newman, Architect, Fuller's Block, Springfield, Mass. tf.

WANTED.

DRAUGHTSMAN.—Wanted, a first-class architectural draughtsman; good morals and steady habits required. Address "M," care of editor American Architect, 211 Tremont Street, Boston, Mass. tf.

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POSITION.—Wanted, position as draughtsman or superintendent; first-class references. Address P. O. Box 167, Milford, Mass. 746

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DRAUGHTSMAN.—Wanted, a first-class architectural draughtsman, New York office; permanent position to good man. Address, stating full particulars, "F. H.," care H. M. Carleton, 21 Park Row, New York. 746

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Re-Insurance Fund.....1,070,003.98
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See the first issue of the month for the following advertisements.

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J. B. Shannon & Sons.
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BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

ALTERATIONS.

Boston, Mass.—Everett St., No. 248, cor. Everett Pl., Ward 2, remodel first floor of dwell. for store; owner, Nathaniel Adams estate.
Washington St., No. 277, Ward 10, alterations to brick mercantile building; owners, M. B. Inches heirs; builder, H. S. Hussey.
Washington St., Nos. 174-178, and Devonshire St., Ward 10, change store front; owners, Geo. D. Howe et al.; builder, C. C. Cleveland.
Broad St., No. 14, Ward 6, alterations to mercantile building; owner, J. P. Cook; builder, Stephen Murphy.

Brooklyn, N. Y.—Nassau St., No. 19, three-sty brick dwell., to be raised one-sty and altered for store and dwell.; cost, \$4,000; owner, E. Blunt, 100 Columbia Heights; architect, John G. Porter, 866 Macon St.
Elmy St., Nos. 307 to 315, two-sty brick packing-house, brick extension to be built upon for use as engine and boiler-room, tin roof; cost, \$6,000; owner, Louis Stutz, Broadway and Elmy St.; architect, Th. Engelhardt, 905 Broadway.

Jamaica Plain, Mass.—Rockview St., cor. Green St., alterations to interior of dwell. for the Jamaica Club; contract to be let; architects, Daniel Appleton & H. M. Stephenson, Boston.

Roxbury, Mass.—Washington and Dudley Sts., new fronts to stores under Opera House; contract to be let; architect, E. A. P. Newcomb, Boston.

APARTMENT-HOUSES.

Cincinnati, O.—Gottlieb Muhlhauser, four-and-one-half-sty flats, George St.; cost, \$20,000; architect, Adam Bast.
Ferdinand Avel, three-and-one-half-sty flats, Coleraine Ave.; cost, \$9,000.

New York, N. Y.—Jefferson St., five-sty brick flats,

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See last or next issue for the following advertisements.

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C. B. Kline.
Allen's Cement Works.
Frey, Sheckler Co.
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BUILDING INTELLIGENCE.

tin roof; cost, \$15,000; owner, Henry Paslinsky, 44 East Broadway; architects, Schneider & Herter, 48 Bible House.

East Eighth St., Nos. 96-98, 2 five-sty brick flats, tin roofs; cost, \$46,000; owner, Charles Ruff, 225 East Tenth St.; architects, Schneider & Herter, 48 Bible House.

Thirty-eighth St., s. a. 202nd w First Ave., 2 five-sty brick flats, tin roofs; cost, \$40,000; owner, William J. Mathews, 167 East One Hundred and Thirteenth St.; architect, John C. Burne, Third Ave., cor. Thirty-sixth St.

Eighty-fourth St., s. s. 375th e Tenth Ave., five-sty brick flat, tin roof; cost, \$25,000; owner, George J. Cohen, 101 West Seventy-sixth St.; architect, E. L. Angell, 94 Liberty St.

East Fifty-eighth St., No. 239, five-sty brick flat, tin roof; cost, \$20,000; owner, Fredk. Heerlein, 332 Second Ave.; architect, B. W. Berger, 80 Bible House.

East Houston St., Nos. 58-60-62, 3 five-sty brick flats, tin roofs; cost, \$55,000; Trustee, Geo. W. Weeks, 283 Elizabeth St.; architect, B. W. Berger, 80 Bible House.

One Hundred and Sixteenth St., s. s. 400th e Eighth Ave., 2 five-sty brick flats, tin roofs; cost, \$56,000; owner, William Eisenberg, 328 East Eighty-third St.; architect, John C. Burne, 1531 Third Ave., cor. Eighty-sixth St.

One Hundred and Fourteenth St., s. s. 35th w Eighth Ave., 5 five-sty brick flats, tin roofs; cost, \$100,000; owner, Michael Benson, 1703 Third Ave.; architect, Richard R. Davis, 247 West One Hundred and Twenty-fifth St.

West Twenty-seventh St., Nos. 444-450, 3 five-sty brick flats, tin roofs; cost, \$45,000; owner, John V. Campbell, 426 West Twenty-seventh St.; architect, John E. Schaarschmidt, 1267 Broadway.

West Thirty-fifth St., No. 427, five-sty brick flat, tin roof; cost, \$20,000; owner, Ellen M. Harlow, One Hundred and Sixty-fourth St., near Morris Ave.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

Fifty-ninth St., n w cor. Tenth Ave., 8 five-sty brick flats, tin roofs; cost, \$175,000; owner, Mrs.

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Reserve for Unadjusted Losses and other Liabilities.....	473,492.82
Surplus over all Liabilities.....	3,250,778.61

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Rachel Cohnfeld, 218 West Fifty-ninth St.; architect, Alfred Zucker, 346-348 Broadway.

East One Hundred and Twenty-sixth St., Nos. 229-231, 2 five-st'y brick flats, tin roofs; cost, \$40,000; owner, Patrick Hogan, 1614 Lexington Ave.; architect, Andrew Spence, 263 East One Hundred and Twenty-fifth St.

Ninety-third St., n s, 100' w Fourth Ave., five-st'y brick flat, tin roof; cost, \$25,000; owners, J. G. & Wm. Feldmann, 136 East Ninety-fourth St.; architect, H. J. Hardenbergh, 10 West Twenty-third St.

West Thirty-sixth St., No. 454, five-st'y brick flat, tin roof; cost, \$16,000; owner, Wm. P. Devlin, 307 West Fifty-second St.; architect, Geo. Keister, 55 West Thirty-third St.

East Ninety-first St., Nos. 22-24, 2 five-st'y brick flats, tin roofs; cost, \$60,000; owner, Adolph Balchun, 120 East Eighty-second St.; architect, Charles Stegmayer, 306 East Eighty-second St.

West Twenty-first St., No. 33, five-st'y flat; owner, Patrick Kelly; architects, D. & J. Jardine.

West Fifteenth St., Nos. 253-255, 2 five-st'y brick, stone and terra-cotta flats; cost, \$40,000; owner, Wm. H. Ramsey; architect, Geo. F. Pelham.

Henry St., No. 55, five-st'y brick, stone and terra-cotta flat; cost, \$21,000; owners, Loomie & Parker; architect, Chas. Rentz.

CHURCHES.

Brooklyn, N. Y.—Herkimer St., n s, 300' e Rockaway Ave., frame church and Sunday-school, two stories in front and one in rear, slate roof; cost, \$15,000; owners, Building Committee, Rev. S. B. Halliday, Pres., 77 Hicks St.; N. W. Wooley, clerk, and R. W. Hanna, treasurer; architect, J. W. Bailey, 66 Court St.

FACTORIES.

Boston, Mass.—Pynchon St., cor. Cedar St., Ward 21, three-st'y brick factory, flat roof, 55'6" x 75'; owners, E. Ruht and H. W. Habiah; builders, W. A. & H. A. Root.

Brooklyn, N. Y.—Water St., s s, extending to Adams St., e s, and Pearl St., w s, four and five-st'y brick factories, tin and corrugated iron roofs; cost, \$110,000; owners, Brooklyn Brass Copper Co., 100 John St.; architect, M. Thomas, 16 Court St.

BUILDING INTELLIGENCE.

Eighteenth St., s s, 240' e Eighth Ave., brick oil-cloth factory, gravel roof; cost, \$10,000; owner, Wm. M. Brasher, on premises.

Franklin St., e s, 155' s Coyer St., three-st'y brick foundry and factory, gravel roof; cost, \$6,000; owners, Curley & Burchards, on premises; architect, John C. Snackenberg, 142 Franklin St.

Tyngson St., w s, 70' 4" s Park Ave., four-st'y and basement brick lace factory, gravel roof; cost, \$6,500; owner, A. G. Jennings, 313 Clinton Ave.; architect, George L. Morse, 213 Montague St.

Cincinnati, O.—American Oak & Leather Co., factory, Dalton Ave.; cost, \$4,000; architects, Sherman & Burl.

Peter Reiter, four-st'y factory, Thirteenth St.; cost, \$6,500; architect, Louis Pickett.

The Cincinnati Artificial Ice Co., ice factory, Knolton and Apple Sts.; cost, \$6,000; architect, John H. Bell.

Smidt & Co., three-st'y factory, John and Livingston Sts.; cost, \$8,000; architect, E. Baude.

Holyoke, Mass.—Appleton and Canal Sts., Dean Steam Pump Co., five brick factories; architects, D. H. & A. B. Tower.

New York, N. Y.—South Fifth Ave., No. 187, three-st'y brick factory, tin roof; cost, \$10,000; owner, Louis J. Schwartz, 187 South Fifth Ave.; architects, J. Boekel & Son, 34 Bond St.

Fifty-second St., s s, 498' 8" e First Ave., 2 one-st'y brick factory, cement and asphalt roofs; cost, \$30,000; owner, Edward C. Schaefer, 529 Madison Ave.; architect, J. Kastner, 744 Broadway.

Fifty-second St., s s, 552' e First Ave., two-st'y brick factory, gravel roof; cost, \$50,000; owner, Edward C. Schaefer, 529 Madison Ave.; architect, J. Kastner, 744 Broadway.

East Fourth St., Nos. 21-23, seven-st'y brick factory, brick, concrete and asphalt roof; cost, \$50,000; owners, Smith & De Vinne, 12 Lafayette Pl.; architects, Babcock & Willard, 56 Broadway.

Kelly St., s e cor. Beach Ave., three-st'y brick factory, tin roof; cost, \$10,000; owners, Standard Oil Clothing Co., 93 Spring St.; architects, A. B. Ogden & Son, 1631 Madison Ave.

Philadelphia, Pa.—Sixth St., s w cor. Berks St., four-st'y factory; contractors, Steward Bros., 4527 North Fifth St.



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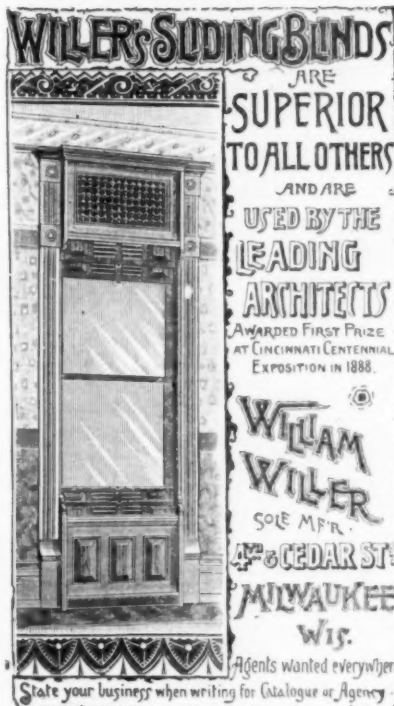
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HOUSES.

Baltimore, Md.—S. D. Hutt, 18 two-st'y brick buildings, n s Federal St., beg. n w cor. Ann St.

Albert Gottschalk, 3 three-st'y brick buildings, e s Carey St., beg. s e cor. Fayette St., and 2 three-st'y brick buildings, s s Fayette St., adjoining.

Wm. McDonald, three-st'y brick building, n e cor. Ann and Bank Sts.

Chas. O'Connell, 9 two-st'y brick buildings, s s Lancaster St., beg. s e cor. Chesapeake St., and 12 two-st'y brick buildings, n s Dillon St., bet. Streeter and Patuxent Sts.

H. Clay Tunis, three-st'y frame building, w s Green Spring Ave., bet. Pimlico Rd. and Green Spring Ave.

Herman Gerken, two-st'y and mansard roof brick building, n w cor. Franklin and Calverton Rds.

Boston, Mass.—Porter St., No. 112, Ward 1, three-st'y frame dwell., flat roof, 21' x 34'; owner, Bridget Dunphy; builder, J. C. Hamilton.

Park St., near Rutledge St., Ward 23, frame dwell., 27' x 43'; owner, W. B. Covill; builder, J. H. Kellar.

Ramsey St., cor. unnamed st., Ward 20, 4 three-

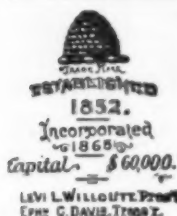
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st'y frame dwells., 21' x 32'; owner, S. B. Pierce; builder, W. J. Jobling.
Unnamed Ct. off Ramsey St., Ward 20, 4 three-st'y frame dwells., flat roofs, 21' x 32'; owner, S. B. Pierce; builder, W. J. Jobling.
West Cottage St., No. 31, Ward 20, three-st'y frame dwell., flat roof, 24' x 50'; owner, W. Sullivan; builder, M. McLaughlin.
Pleasant St., No. 26, Ward 5, three-st'y frame dwell., flat roof, 20' x 49'; owner, Mary J. Day; builder, J. B. Wilson.
Magnolia St., No. 165, Ward 20, three-st'y frame dwell. and store, flat roof, 40' x 40'; owner and builder, B. F. Bean.
Blaine St., cor. Braintree St., Ward 25, three-st'y frame dwell., flat roof, 28' x 50'; owner and builder, Samuel Hano.
Sachem St., near Calumet St., Ward 22, three-st'y frame dwell., pitch roof, 30' x 33'; owner, Mary J. Cafferky.
Butler Ave., near Saratoga St., Ward 1, two-st'y frame dwell., flat roof, 22' x 40'; owner, Joseph Lunis; builder, T. Yoemans.
F St., No. 187, cor. Bolton St., Ward 14, three-st'y frame dwell., flat roof, 21.6' x 46'; owner, Martin Mitchell; builders, H. S. & N. Clark.
Everett St., No. 225, rear, Ward 2, 2 three-st'y frame dwells., flat roofs, 21' x 43'; owner, S. Treadwell; builder, E. N. Masters.
St. John St., No. 46, Ward 23, frame dwell., 26.6' x 45'; owner, E. C. Killey; builder, G. A. Cahill.
Wayland St., cor. Magnolia St., Ward 20, three-st'y frame dwell., flat roof, 28' x 37'; owner and builder, B. F. Beau.
Woodville Park, No. 9, Ward 20, frame dwell., 20' x 44'; owner and builder, J. F. Smith.
Newport St., cor. Harbor View St., Ward 24, three-st'y frame dwell., 25' x 48'; owner, W. V. Ripley; builders, Decker Bros.
Sycamore St., near Poplar St., Ward 23, frame dwell., 22' x 30'; owner, T. W. Hodskin; builder, John Purdy.
Mozart St., No. 64, Ward 23, frame dwell., 24' x 38'; owner, J. Weinaker; builder, C. Chisholm.
Glen Road, near Harvard St., Ward 24, frame dwell., 23.3' x 49'; owner, M. B. Power; builder, John Smith.
Leonard St., No. 12, Ward 24, three-st'y frame dwell., pitch roof, 26' x 45'; owner, Emma Rockwell; builder, F. J. Rockwell.
Hyde Park Ave., near Mt. Hope St., Ward 23,

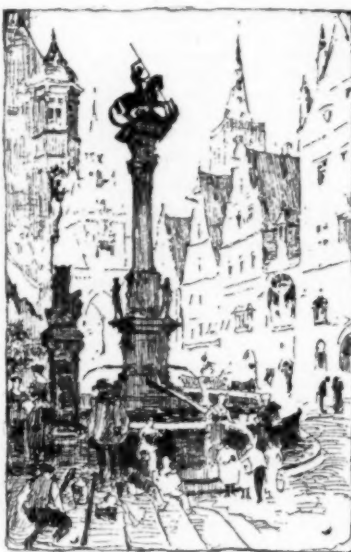
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frame dwell., 23' x 40'; owner, C. H. Clinton; builders, J. F. Stone & Co.
Bennington St., near Wordsworth St., Ward 1, six frame dwells., 18.6' x 27'; owner and builder, H. E. Turner.
Wrentham St., near Dorchester Ave., Ward 24, six frame dwells., 22.6' x 34.6'; owner and builder, J. J. Stewart.
Webster St., Nos. 123-129, Ward 21, 4 three-st'y frame dwells., flat roofs, 21' x 44'; owner and builder, J. McCormick.
North Beacon St., cor. Saunders St., Ward 25, two frame dwells., 17.6' x 43' and 21' x 40'; owner, H. F. Ripley; builder, J. H. McLeod.
Terrace St., No. 130, Ward 22, three-st'y frame dwell., flat roof, 25' x 43'; owner, Anna Carl; builder, Demass Quinton.
East Fourth St., Nos. 869-871, Ward 14, 2 three-st'y frame dwells., flat roofs, 20.6' x 49'; owner, J. P. Cushing; builder, W. T. Eaton.
Mansfield St., near Cambridge St., Ward 25, two frame dwells., one and two stories, pitch roofs, 12.5' x 56.8'; owner, H. K. Appleton; builder, J. H. McLeod.
East Sixth St., Nos. 635-637, Ward 14, 2 three-st'y frame dwells., flat roofs, 20' x 60'; owners and builders, R. & O. Woodsome.
Chelsea St., Nos. 282-286, Ward 1, 3 three-st'y frame dwells., flat roofs, 21.6' x 31.4'; owners and builders, Emery & Small.
Egleston St., cor. Dairymple St., Ward 23, frame dwell., 25' x 36'; owner, J. P. Campbell; builder, M. A. Blanchard.
Egleston St., near Dairymple St., Ward 23, and two opposite Dairymple St., 25' x 30', 25' x 29', 25' x 30'; owners, M. A. Blanchard and R. S. Barrows; builder of both, M. A. Blanchard.
Boston St., No. 158, Ward 15, three-st'y frame dwell., flat roof, 30' x 53'; owner and builder, T. F. Heman.
Bennington St., near Marion St., Ward 1, three-

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st'y frame dwell., flat roof, 21.6' x 45'; owner, A. Rausch; builder, W. Goodwin.
Blue Hill Ave., No. 216, Ward 20, frame dwell., 36' x 51.6'; owner, J. H. Sohl; builder, P. F. Hanlon.
Eaton St., near Tolman St., Ward 24, frame dwell., 23' x 44'; owner, D. A. Casey; builder, W. J. Hatch.
Knoll St., near Selwyn St., Ward 43, frame dwell., 22' x 28'; owner, A. W. Thompson; builder, M. A. Blanchard.
Neponset Ave., near opp. Jewett St., Ward 22, frame dwell., 12' x 24'; owner, Thomas Dolan; builder, J. F. Sullivan.
Homestead St., near Humboldt Ave., Ward 21, frame dwell., 28' x 47.6'; owner, F. Weld; builder, A. H. Allen.
Leyden St., near Breed St., Ward 1, frame dwell., 21' x 34'; owner, Chas. Casson; builder, T. H. Newby.
Falcon St., near Brooks St., Ward 1, frame dwell., 21.6' x 35'; owner, C. Esty; builder, John Frame.
Virginia St., near Bird St., Ward 20, two-st'y frame dwell., hip roof, 35' x 35'; owner, W. H. Sayward; builder, W. J. Jobling.
Mt. Everett St., cor. Bennington St., Ward 24, frame dwell., 24.10 x 50'; owner, S. T. Cobb; builder, G. A. Runnells.
Washington St., No. 3582, Ward 23, three-st'y frame dwell., hip roof, 23' x 45'; owner, Annie M. Albrecht; builder, P. Schneider.
Brooklyn, N. Y.—*Keap St., w s, 100' n Broadway, 2 three-st'y brick dwells., tin roofs; total cost, \$15,000; owners, George Langer & Bro., 337 South Fifth St.; architects, Billard & Crowell, 29 Broadway.*
Putnam Ave., n s, 225' e Stuyvesant Ave., 4 two-st'y and basement brick dwells., tin roofs; cost, each, \$4,200; owner, Charles Ishill, 488 Madison St.; architects, David Acker & Son, 752 and 754 Broadway.
Macon St., n s, 200' e Stuyvesant Ave., 8 two-and-one-half-st'y and basement brick dwells., tin roofs; cost, each, \$4,500; owner and architect, Arthur Taylor, 176 McDonough St.

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McDougall St., n s, 150' w Stone Ave., 5 two-st'y and basement brick dwells., gravel roofs; cost, each, \$2,500; owner, Frank Van Pelt, 15 Hanover Pl.; architect, John L. Young, 287 Halsey St.
De Kalb Ave., s s, 150' e Hamburg Ave., 4 three-st'y frame dwells., hemlock and tin roofs; cost, each, \$4,500; owner, George Ochs, 1418 De Kalb Ave.; architect, F. J. Lessing, 952 Broadway.
Greene Ave., n w cor. Irving Ave., 5 three-st'y frame dwells., tin roofs; cost, \$4,500; owners, Haas & Weidner, Troutman St.; architects, David Acker & Sons, 752 and 754 Broadway.
Cedar St., n s, 21' e Myrtle Ave., three-st'y frame dwell., tin roof; cost, \$1,500; owners, Church & Gouge, Wyckoff Ave.; architects, David Acker & Sons, 752 and 754 Broadway.
Evergreen Ave., n e cor. Linden St., three-st'y frame dwell., tin roof; cost, \$5,500; owner, Frank Ibert, Evergreen Ave. and Linden St.; architect, Th. Engelhardt, 905 Broadway.
Greene Ave., n s, 125' w Irving Ave., three-st'y frame dwell., tin roof; cost, \$3,500; owners, Haas & Weidner, Troutman St.; architects, David Acker & Sons, 752 and 754 Broadway.

BUILDING INTELLIGENCE.

Hopkins St., n s, 725' w Throop Ave., four-st'y frame dwell., tin roof; cost, \$5,500; owners, Dietrich & Reizenstein, on premises; architects, David Acker & Sons, 752 and 754 Broadway.
Tompkins Ave., w s, 100' s Floyd St., four-st'y frame dwell., tin roof; cost, \$6,000; owner, Mrs. Frith, on premises; architects, David Acker & Sons, 752 and 754 Broadway.
Twentieth St., n s, 22' w Eighth Ave., 4 two-st'y frame dwells., tin roofs; cost, each, \$1,800; owner and architect, H. C. Bull, 467 Fifth Ave.
Cincinnati, O., Mrs. E. F. Ryolen, two-and-one-half-st'y dwell., Purcell Ave.; cost, \$9,000; architect, S. S. Godley.
Dr. J. C. Gunkel, two-and-one-half-st'y dwell., McMicken Ave.; cost, \$4,500; architects, G. & A. Brink.
Henry P. Smith, two-and-one-half-st'y dwell., Melrose Ave.; cost, \$12,000; architect, Wm. M. Aiken.
John Leverone, two-and-one-half-st'y dwell., Hackberry St.; cost, \$7,540; architects, Samuel Hannaford & Son.

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Springfield, Mass., Walnut St., two-st'y frame dwell.; owner, C. H. Barrows; architects, Richmond & Seabury.
St. Louis, Mo., Two-st'y brick dwell.; cost, \$5,000; owner and contractor, W. Seown.
Two-st'y brick dwell.; cost, \$4,700; owner, Wm. Osterman; contractor, Wm. Klute.
Two-st'y brick dwell.; cost, \$2,800; owner, D. Fries; contractor, F. Theleman.
Two-st'y brick dwell.; cost, \$5,000; owner, C. W. Bittman; contractor, P. Langaller.
Two-st'y brick dwell.; cost, \$2,500; owner, M. P. Hyson; contractor, J. C. Newberry.
Two-st'y brick dwell.; cost, \$2,500; owner and contractor, J. C. Newberry.
Two-st'y brick dwell.; cost, \$2,500; owner, J. Bendik; contractor, B. Stock.
Two-st'y brick dwell.; cost, \$4,300; owner, Mary Sidnichuk; contractor, F. Muller.
Two-st'y brick dwell.; cost, \$6,500; owner, Hunt Smith; contractor, R. P. McClure.
Two-st'y brick dwell.; cost, \$5,300; owner, A. Gast; contractor, R. P. McClure.
Two-st'y and mansard brick dwell.; cost, \$2,800; owner, N. Schroeder; contractors, Geimer & Gizard.
Three-st'y brick dwell.; cost, \$5,000; owner, H. Fredericks; contractor, Wm. Daman.
Two-st'y brick dwell.; cost, \$21,000; owner, Ben May; contractor, P. J. Moynihan.
West Roxbury, Mass., Frame dwell., 35' x 50'; owner, W. J. Cobill; builder, Wm. Kellar; architect, E. A. P. Newcomb, Boston.

OFFICE-BUILDINGS.

Boston, Mass., Washington St., No. 345, cor. Ordway Pl., Ward 10, six-st'y brick office and store, flat roof, 21' x 54'; owner, T. E. Francis; builders, J. A. Vickery & Son.
Cincinnati, O., C. & O. R. R. Co., office-building, Third and Smith Sts.; cellar only, cost, \$41,200; architect, Wm. M. Aiken.
Philadelphia, Pa., Twenty-seventh St., s Bainbridge St., two-st'y office; owner, Louis Dietrich, 618 Noble St.

SCHOOL-HOUSES.

Brooklyn, N. Y., Second St., n s, 25' e Sixth Ave., three-st'y brick school-house, tile and tin roof; cost, \$68,230; owners, Board of Education, 131 Livingston St.; architect, J. W. Naughton, 131 Livingston St.; builder, F. J. Kelly.
Hancock St., n s, 100' from Bedford Ave., four-st'y brick school-house, tile and tin roof; cost, \$64,968; owners, Board of Education, 131 Livingston

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St. architect, J. W. Naughton, 131 Livingston St.;
builders, P. Carlin & Son, 41 Sterling Pl.
Decatur St., w s, 190' w Lewis Ave., three-sty
brick school-house, tin roof; cost, \$78,642; owners,
Board of Education, 131 Livingston St.; architect,
J. W. Naughton, 131 Livingston St.; builder, T.
Dobbin, 162 Ross St.

Cincinnati, O. — The Sisters of Notre Dame, three-
sty academy; cellar only, cost, \$14,000; architect,
E. F. Durang.

St. Louis, Mo. — Two-sty brick school; cost, \$11,500;
owner, Benton Park Swimming School; contractor,
H. Ellerman.

STABLES.

Brooklyn, N. Y. — Butler St., n s, abt. 200' w Vander-
bilt Ave., four-sty brick stable, slag or gravel roof;
cost, \$48,000; owners, Riding and Driving Club, Van-
derbilt and Butler Sts.; architects, McKim, Mead
& White, 57 Broadway, N. Y.; builder, W. Bugbee
Smith, 96 Broadway, N. Y.

Chestnut Hill, Mass. — Sutherland and Lanark
Roads, frame stable, 30' x 50'; owner, Mrs. Lillian
B. Kelly; builder, Wm. H. Stewart; architect, E.
A. P. Newcomb, Boston.

New York, N. Y. — West Fourteenth St., No. 413,
two-sty brick stable, tin roof; cost, \$4,000; owner,
Chas. H. Southard, 203 West One Hundred and
Twenty-third St.; architects, Berg & Clark, 10 West
Twenty-third St.

Philadelphia, Pa. — Locber St., e s, n Filbert St.,
two-sty stable; contractor, Edward Davis, 863
North Fortieth St.

Meadow St., s s, w Lessor St., two-sty stable;
contractor, Samuel R. Eckert, 517 Bridge St.

Twenty-third St., s e cor. Willow Grove Ave., one-
stable; contractor, Geo. S. Roth, East Union Ave.,
Germantown.

Columbia Ave., No. 2718, one-sty stable; con-
tractor, Thos. Smith, 1645 North Twenty-seventh St.

St. Louis, Mo. — Compton and Russell Aves., stable,
28' x 43'; brick first story and frame above; owner,
Geo. O. Carpenter, Jr.; contract to be let; archi-
tect, E. A. P. Newcomb, Boston.

STORES.

Detroit, Mich. — A. C. Varney, two-sty brick store
and dwell., 331 Woodward Ave.; cost, \$4,300.
A. C. Varney, three-sty double brick store and
dwells., 504-6 Third Ave.; cost, \$8,500.

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Cincinnati, O. — F. Eckstein, six-sty frame store and
warehouse, Fifth St.; cost, \$6,000; architect, Jacob
J. Rueckert.

M. M. White, six-sty stores, Main St.; cost, \$13,
000; architect, S. S. Godley.

Jos. T. Carrow, eight-sty store and office-build-
ing, Fifth and Vine Sts.; for tearing down, dig-
ging and masonry only, cost, \$8,798; architect,
Jas. W. McLaughlin.

John Ruhlmann, three-and-one-half-sty store and
tenement, Depot and South Aves.; cost, \$4,200;
architect, A. Brink.

D. H. Waldhaus, three-and-one-half-sty store and
flats, Gest & Depot Sts.; cost, \$5,400; architects, G.
& A. Brink.

A. Heinemann, three-and-one-half-sty stores and
flats, Molitor St., bet. Highland and Bellevue Aves.;
cost, \$6,000; architect, C. F. Meyer.

Philadelphia, Pa. — Market St., No. 512, six-sty
store; contractors, Gillison, Christie & Co., 1615
Catharine St.

St. Louis, Mo. — Two-sty brick store and dwell.; cost,
\$5,300; owner, R. B. Bullock; contractors, J. P.
Evans & Co.

Two-sty brick store and dwell.; cost, \$2,900;
owner, F. G. Losekamp; contractor, G. Schake.

Three-sty brick store and dwell.; cost, \$5,900;
owner, G. Ikemeyer; contractor, C. Johnson.

Three-sty brick store and dwell.; cost, \$5,000;
owner and contractor, J. W. Siemers.

TENEMENT-HOUSES.

Cincinnati, O. — H. Schoenfeld, three-sty tenement,
Poplar St.; cost, \$5,700; architect, E. F. Bande.

New York, N. Y. — Willett St., No. 37, five-sty brick
tenement, tin roof; cost, \$8,500; owner, Simon Bit-
tiner, 17 East One Hundred and Thirtieth St.;
architect, William Grunl, 215 Bowery.

East One Hundred and Forty-fifth St., No. 691,
four-sty brick tenement, tin roof; cost, \$14,000;
owner, Antonio Pelring, 691-693 East One Hundred
and Forty-fifth St.; architect, Henry Pelring, 691-
693 East One Hundred and Forty-fifth St.

Tenth Ave., s s, 25' n One Hundred and Sixty-
sixth St., four-sty brick tenement, tin roof; cost,
\$14,000; owner, Edward Clifford, 268 Tenth Ave.;
architect, F. A. Minueth, 882 Broadway.

Springfield, Mass. — Central St., two-sty tenement;
cost, \$3,500; owner, J. M. Randall.

Chestnut and Tenth Sts., four brick tenements;
owner, Sidney Sanders.

WAREHOUSES.

Baltimore, Md. — Vaile & Young will build a four-

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sty brick warehouse, w s Calvert St., bet. Lexing-
ton and Saratoga Sts.

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Baltimore, Md. — The Baltimore Traction Company
will build three-sty brick power-houses, n w cor.
Pratt St. and Central Ave., and cor. Druid Hill
Ave. and Retreat St.

Boston, Mass. — Blue Hill Ave., cor. Elmore St.,
Ward 24, one-sty frame pavilion, 40' x 45'; owner,
Moody Merrill; builder, R. B. Plummer, Jr.

Brooklyn, N. Y. — Oakland St., s e cor. India St.,
two-sty frame machine-shop, gravel roof; cost,
\$3,000; owner, Mary C. Greene, 596 East One Hun-
dred and Thirty-fifth St., New York.

Cincinnati, O. — Mill Creek Distilling Co., distillery,
Evans St.; cost, \$4,500; architect, D. H. Lyon.

Christian Merlein Brewery Co., storage-house,
Elm St.; cost, \$20,000; architects, Schreiber & Sons.

New York, N. Y. — East Third St., No. 312, five-sty
brick workshop, tin roof; cost, \$9,000; owners, M.
& S. Solomon, 113 Cannon St., 712 East Sixth St.;
architect, Louis F. Heinecke, 62 Broadway.

Springfield, Mass. — Porter & McElwain, five-sty
manufacturing block, Harrison Ave.; architect, G.
E. Code; contractor, C. L. Shaw.

PROPOSALS.

YELLOW PINE.

[At New York, N. Y.]

March 19, 1890.

Sealed proposals, indorsed "Proposals for Yellow
Pine Plank, etc., for the New York Navy Yard, to be
opened April 22, 1890," will be received at the Bureau
of Provisions and Clothing, Navy Department, Wash-
ington, D. C., until 12 o'clock, noon, April 22,
1890, and publicly opened immediately thereafter, to
furnish at the New York Navy Yard 12,000 feet
yellow pine plank; also a quantity of tools, consisting
of drills, files, etc.

The articles must conform to the Navy standard
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Blank proposals will be furnished upon application
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Tie-bids decided by lot.

The Department reserves the right to reject any or
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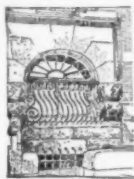
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TICKNOR & CO., 211 Tremont Street, Boston, Mass.**PROPOSALS.****IRON, ETC.**[At New York, N. Y.]
March 26, 1890.

Sealed proposals, indorsed "Proposals for Iron, etc., for the New York Navy Yard, to be opened April 29, 1890," will be received at the Bureau of Provisions and Clothing, Navy Department, Washington, D. C., until 12 o'clock, noon, April 29, 1890, and publicly opened immediately thereafter, to furnish at the New York Navy Yard, 8,000 pounds wrought-iron, 6,000 pounds wrought-iron nuts, also a quantity of paints, etc.

The articles must conform to the Navy standard and pass the usual naval inspection.

Blank proposals will be furnished upon application to the Commandant of the Navy Yard, the Navy Pay-office, New York, or to the Bureau.

PROPOSALS.

Tie-bids decided by lot.

The Department reserves the right to reject any or all bids not deemed advantageous to the Government.

GEO. DEWEY,

Acting Chief of Bureau.

LUMBER, PAINTS, ETC.

[At Annapolis, Md.]

March 29, 1890.

Sealed proposals, indorsed "Proposals for Lumber, Paints, etc., for the United States Naval Academy, Annapolis, Md., to be opened April 29, 1890," will be received at the Bureau of Provisions and Clothing, Navy Department, Washington, D. C., until 12 o'clock, noon, April 29, 1890, and publicly opened thereafter, to furnish at the United States Naval

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Academy, Annapolis, Md., a quantity of lumber, paints, etc.

The articles must conform to the Navy standard and pass the usual naval inspection.

Blank proposals will be furnished upon application to the Superintendent of the United States Naval Academy, Annapolis, Md., or to the Bureau.

Tie-bids decided by lot.

The Department reserves the right to reject any or all bids not deemed advantageous to the Government.

THOS. J. LASIER,

Acting Chief of Bureau.

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HEADSTONES.

[At New York, N. Y.]

ARMY BUILDING, WHITEHALL STREET, }

NEW YORK, N. Y., April 1, 1890. }

Sealed proposals, in triplicate, subject to the usual conditions, will be received at this office until 12 o'clock, noon, May 2, 1890, at which time and place they will be opened in the presence of bidders, for furnishing 10,000 (subject to an increase or decrease of 20 per cent) American white marble headstones, in slabs.

The Government reserves the right to reject any or all proposals or to accept, as will be most advantageous to the Department.

Preference will be given to articles of domestic production or manufacture, conditions of quality and price (including in the price of foreign productions and manufactures the duty thereon) being equal.

Specifications, blanks and information as to bidding, etc., will be furnished by this office on application.

Envelopes containing proposals should be marked, "Proposals for Headstones," and addressed to

R. N. BATCHELDER,

Deputy Quartermaster-General, U. S. Army.

748

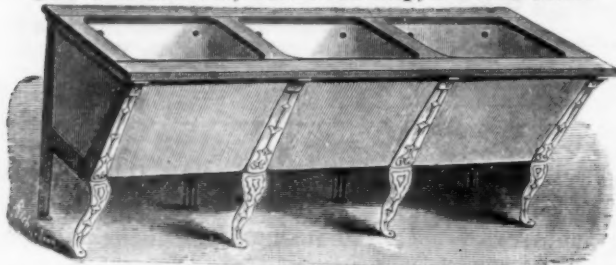
BUILDING MATERIAL.

[At Newport, R. I.]

NEWPORT, R. I., March 31, 1890.

Sealed proposals, indorsed "Proposals for Building Material for the United States Naval Torpedo Station, Newport, R. I., to be opened April 29, 1890," will be received at the Bureau of Provisions and Clothing, Navy Department, Washington, D. C., until 12 o'clock, noon, April 29, 1890, and publicly opened immediately thereafter, to furnish at the United States Naval Torpedo Station, Newport, R. I., a quantity of lime, cement, lumber, paints, etc.

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in every set. Will outlast any house.Solid White Crockery Sinks, comprising Butler's Pantry, Kitchen, Slop, etc.,
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TICKNOR & COMPANY, Boston.**PROPOSALS.**The articles must in all cases conform to the Navy
standard, and pass the usual naval inspection.Blank proposals will be furnished on application to
the commanding officer of the United States Torpedo
Station, Newport, R. I., or to the Bureau.The bids decided by lot.
The Department reserves the right to waive defects
or to reject any or all bids not deemed advantageous
to the Government.

748

THOS. J. LASIER,
Acting Chief of Bureau.**HEATING APPARATUS.**

[At Brooklyn, N. Y.]

NAVY DEPARTMENT,
BUREAU OF MEDICINE AND SURGERY,
WASHINGTON, D. C., April 1, 1890.Sealed proposals, in duplicate, are hereby invited,
and will be received at this office until 11 o'clock
A. M. on Thursday, May 1, 1890, at which time
and place they will be opened in the presence of
attending bidders, for repairs and addition to steam-
heating apparatus at Naval Hospital, Brooklyn, N. Y.,
in accordance with plans and specifications, which
may be seen at the Naval Hospital, Brooklyn, N. Y.,
where copies of specifications, with blank forms of
proposal, can be obtained.Proposals must be enclosed in sealed envelopes,
marked "Proposal for Repairs and Addition to Steam-
heating apparatus at Naval Hospital, Brooklyn, N. Y.,"
and addressed to the Chief of the Bureau of Medicine
and Surgery, Navy Department, Washington.The right is reserved to waive defects in form and
to reject any or all bids.

748

J. MILLS BROWNE,
Surgeon-General, Chief of Bureau.**PROPOSALS.****GYMNASIUM.**

[At West Point, N. Y.]

OFFICE OF POST QUARTERMASTER.

West Point, N. Y., March 26, 1890.
Sealed proposals, in triplicate, will be received at
this office until noon, Saturday, April 26, 1890,
for the construction of a gymnasium building.Plans can be seen and forms and specifications
obtained at this office, or at the office of Mr. R. M.
Hunt, architect, Tribune Building, New York City.
The right is reserved to reject any and all proposals.

747

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Capt. and A. Q. M., U. S. Army.**STEAM PUMP AND WATER PIPE.**

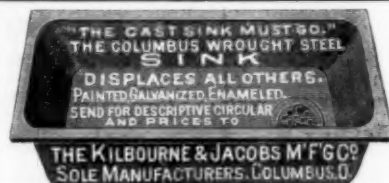
[At Clifton Heights, Pa.]

Sealed proposals will be received, addressed as
below, until 4 o'clock P. M., April 15, 1890, for
furnishing for the construction of the Clifton Heights
Water-works cast-iron pipe and for laying the same.Also, until 6 o'clock P. M., April 26, 1890, for
furnishing steam pumping machinery for building
engine-house and for constructing a reservoir.Specifications can be obtained from the under-
signed or Isaac S. Cassin, engineer, No. 1404 North
Twelfth Street, Philadelphia, Pa.The right is reserved to reject any or all of the said
proposals.S. P. BARTLESAN, M. D., President,
Clifton Heights Water Company,
Clifton Heights, Delaware County, Pa.

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March 26, 1890. 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 25th day of April, 1890, for all the labor and
materials required for the erection and completion of
the United States Post-office building at Portsmouth,

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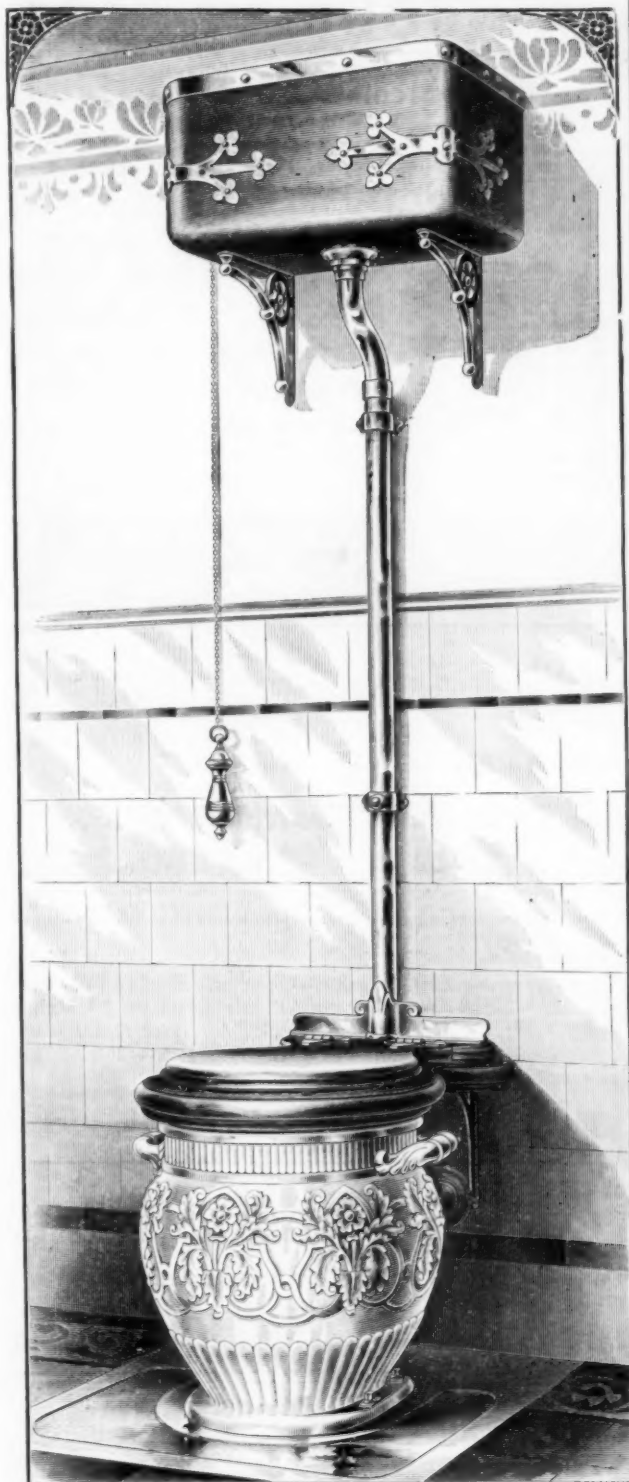
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Supervising Architect.March 29, 1890. Sealed proposals will be received at
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partment, Washington, D. C., until 2 o'clock P. M., on
the 25th day of April, 1890, for all the labor and mate-
rials required for certain miscellaneous repairs, and
to erect and complete an observatory on roof of the
United States Custom-House building at New Orleans
La., in accordance with the drawings and specifica-
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bid must be accompanied by a certified check for \$200.
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746

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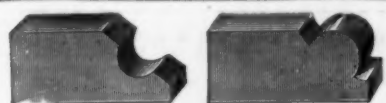
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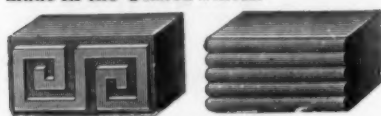
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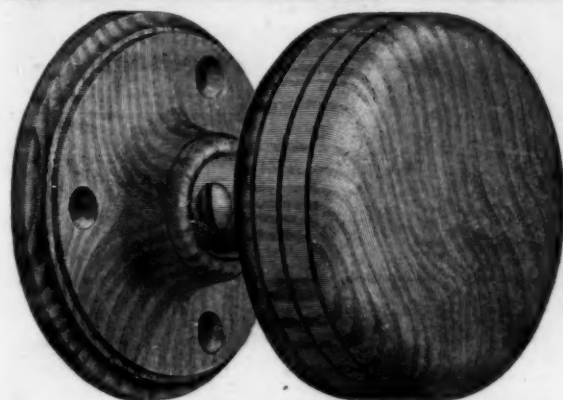
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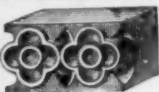
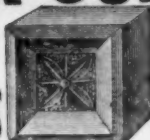
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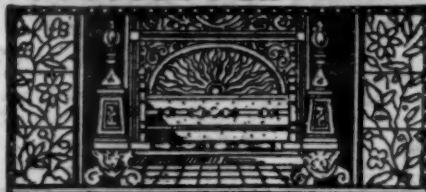
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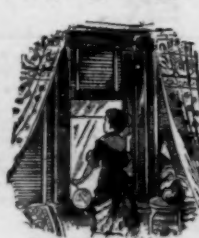
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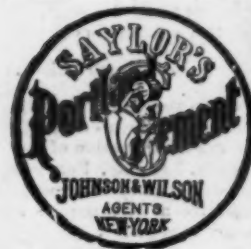
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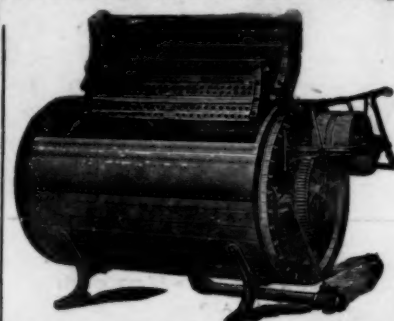
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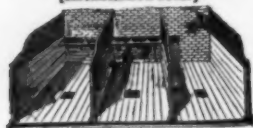
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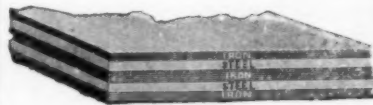
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marked with our trade name, the use of which by any other man-
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Sawed, or Drilled,

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BUILDING MATERIALS.

Reported for the American Architect and Building News.

	New York.	Boston.	Chicago.	Philadelphia.
	(Wholesale Prices.)	(Prices to Builders and Contractors.)		
BRICK. — P. M.				
Common: Cargo afloat.				
Pale.....	3 00 @ 3 50	Eastern	Building Brick	Sq. Hard @ 12
Jersey.....	5 25 @ 6 75	9 00 @ 10 00	@ 6 50	" @ 9 00
Long Island.....	7 00 @ 7 25	Heavy State Hard		Salm m. 6 50
Up River.....	6 50 @ 7 00	10 00 @ 10 10		Sq. @ 9 00
Haverstraw Bay 2nd.....	7 01 @ 7 25	Domestic Com.	Indiana Pressed	Light Stretchers
" 1st.....	7 25 @ 7 75	9 50 @ 10 00	14 00 @ 20 00	" @ 12 00
Hollow.....	8 13 00	Domestic Face	St. Louis Fronts	Medium " @ 14 00
Fronts.....	14 00 @ 15 00	20 00 @ 22 00	@ 27 00	Red " @ 15 00
" dark.....	15 00 @ 16 00	Philadelphia		Dark " @ 15 00
" red.....	15 00 @ 16 00	40 00 @ 45 00		Prossed @ 15 00
Chicago pressed (Anderson).....		50 00 @ 50 00		22 00 @ 26 00
Chicago Moulded.....		Anderson		Best Paving
Baltimore.....	7 00 @ 41 00	14 00 @ 32 00		@ 16 00
Philadelphia.....	22 00			Second " @ 14 00
Trenton.....	22 00			Third " @ 13 00
Milwaukee.....	22 00			Dom. { @ 65
Moulded:				@ 85
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.....	50 @ 1 10	1 20 @ 1 40	Not Sold.	1 30 @ 50
Louisville.....	Not sold.	Brooks, S. & Co.	1 05 @ 1 30	B. & S. E. 2 75 @ 3 00
Utica, Akron, Buffalo, Milwaukee.....	2 50 @ 3 00	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
" (Burham).....	2 50 @ 2 80	2 60 @ 3 00	2 90 @ 3 15	2 75 @ 2 85
" (White).....	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	2 50 @ 3 20	2 50 @ 2 75
" (Fowor).....	2 25 @ 2 40	3 15 @ 3 35	3 20 @ 3 40	2 75 @ 2 85
" (Vorwohler).....	2 50 @ 2 90	Cleopatra		Josson
" (Lagerhofer).....	2 90 @ 3 25	2 55 @ 3 00	2 75 @ 3 00	2 50 @ 2 75
" (Dyckerhoff).....	2 50 @ 3 00	3 00 @ 3 50	3 25 @ 3 50	3 00 @ 3 25
" (Hanover).....	2 35 @ 2 85	Not sold.	Not sold.	2 15 @ 2 85
" Stettin (Anchor).....	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	2 50 @ 2 75
" American (Saylor's).....	2 75 @ 3 00	3 00	2 75 @ 3 25	3 00 @ 3 50
Roman.....	5 75 @ 6 50	6 00	6 00 @ 7 00	6 50 @ 7 00
Keene's coarse.....	9 25 @ 10 25	@ 11 50	9 @ 10 50	8 00 @ 9 00
superfine.....				
Lime:				
Lime of Tel.....	3 50 @ 4 00		Not sold.	White Lime
Hydraulic Lime.....	@ 1 45	@ 1 35		25 @ 30 @ bush
Chicago Lime in bulk.....		St. John 1 00	55 @	White Mass
Wisconsin.....	@ 1 00	@ 1 05	60 @	1 25 @ 1 50
Rockland and Rockport, (Com.).....	@ 1 20	@ 1 10	Not sold.	1 00 @ 1 00
Rockland and Rockport, finish.....	@ 1 20	@ 1 20	Not sold.	
Kelley Island Lime, finish.....	@ 1 10	Not sold.	1 00 bulk, 75c.	Not sold.
State, com. cargo rates (nom.).....	1 20 @ 1 25	Not sold.	Not sold.	Not sold
State, finishing.....	1 30 @ 1 35	1 55 @ 2 00	1 55 @ 1 90	1 50 @ 2 25
Plaster of Paris (calcined).....	12 @ 15	25 @ 30	1 85 @ 1 90	1 75 @ 2 50
" (casting).....	22 @ 25	30 @ 35	30 @ 35	20 @ 25
Hair (Cattle) @ bush.....	1 00 @ 1 25	1 75 @ 1 90	30 @ 35	30 @ 35
" (Goat).....			@ 60	@ 1 50
Sand, @ load.....				
STONE. (P. cubic foot, rough.)				
Granite: (Maine)				
Limestone:				
Bedford.....	45 @ 1 25	@ 60		55 @ 65
Joliet.....	@ 1 00	35 @ 1 00	50 @	75 @ 90
Lemont.....			35 @ 55	Richmond
Serpentine.....			35 @ 60	75 @ 1 50
			10 50 per ton	4 50 @ Perch

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Not yet equaled by any form of Engine for
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Chicago.

Philadelphia.

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(Wholesale Prices.)

(Prices to Builders and Contractors.)

Black, brown, buff p lb.	1 21			
Colorific p lb.	2 3			
Red p lb.	3			
White p bbl.	1 75			
Foundation:				
Block		5 00 p ton		
Rubble		4 60 p perch		
Blue stone (p sq. ft.)		1 25 @ 1 50		
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. sh. 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 @ 95	1 25 @ 1 45	1 50 p sub. ft.	55 @ 1 00
Amherst	@ 90	90 @ 1 00	45 @ 50	
Berea Ohio	75 @ 1 00	80 @ 90	45 @ 55	
Berlin	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	55 @ 1 25	
New Brunswick (Dorchester)	@ 1 00	75 @ 90		1 10 @ 1
Caen	@ 1 05	@ 2 00		1 00 @ 1
Carlisle, English	@ 1 05	@ 1 05		1 25 @ 1
Corse Hill (Sooch)	@ 1 05	@ 1 05		95 @ 1
Marble (p cu. ft.)				
Lee, Mass.	1 @	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			Not sold.	2 50 @ 2 75
Sienna			Not sold.	4 00 @ 5 00
Tennessee, red			Not sold.	4 00 @ 6 00
Knoxville			Not sold.	3 00 @ 4 00
Pennsylvania, blue			Not sold.	2 00 @ 3 00
Vermont, white			3 50 @ 6 00	2 25 @ 3 00
Slate, Roofing (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 @ 8 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 0	6 00 @ 8 00	5 50 @ 8 00
Tiles, Am.			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	6 1/2 @ 7	@ 7
Zinc	5 @ 8 1/2	@ 8 1/2	7 @ 10 1/2	@ 10 1/2
Red lead, Am.	6 1/2 @ 7	@ 7	7 @ 7 1/2	@ 7 1/2
Venetian	6 @ 10 1/2	@ 10 1/2	12 @ 2 1/2	@ 2 1/2
Vermilion	65 @ 70	73 @ 75 dry	63 @ 65	66
Red Indian, Eng.	12 @ 20	12 @ 20	12 @ 20	7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	11
Chrome	12 @ 20	18 @ 25	15 @ 25	18
Green (chrome)	8 @ 13	8 @ 20	8 @ 20	12
Green, Paris	25 @ 40	25 @ 40	18 @ 35	25
Black, lamp	15 @ 25	15 @ 25	8 @ 30	12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	20
Oil, linseed, (raw)	60 @ 63	61 @ 62	57 @ 60	58
"boiled"	63 @ 66	64 @ 65	61 @ 63	61
Turpentine	43 @ 44	44 @ 45	51 @ 51	50
Varnish, coach		1 50 @ 6 00	1 25 @ 2 00	3 00
Shellac		2 50 @ 3 00	2 25 @ 4 00	2 75
Patty	2 @ 4	2 @ 4	02 @ 02 1/2	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
Litharge, Am.	54 @ 6	7 @ 7 1/2	6 1/2 @ 7	7
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	14
Umber	14 @ 20	14 @ 20	2 @ 10	12
HARDWARE.				
Nails: (Per Cask.) Spikes, (wrought.)	@ 2 55		2 75 @ 3 00	pr kg @ 2 25
10d. common	@ 2 60	@ 2 30	@ 2 70	@ 2 30
Shingle	@ 3 35	@ 2 50	@ 3 10	@ 2 40
Lath	@ 4 85	@ 3 70	@ 4 10	3 60 @ 4 75
Finishing nails according to size.			Add .85 to \$1.15	per lb 1 @ 6
(For casing nails add 75c. per keg.)			".50 to .90	Add pr cask
Butts: 4"x4" (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	plain 1 65	Not sold.	48 @ 50
Bronze metal	@ 1 90	@ 10	2 00 @ 3 25	@ 1 25
Brass (or supboards)	@ 10		@ 12	@ 1 00
Ebony				@ 35
Apple wood				37 @ 1 00
Knobs: (p Set.)				
Mineral, Cost.	@ 8	@ 8	8 @ 10	@ 08
Lava	@ 50	@ 75	65 @ 80	Not sold.
Hematite	Not sold	17 @ 33	31 @ 40	25 @ 50
Porcelain	@ 30	@ 10	25 @ 30	100 @ 2 50
Glass, solid	Not sold	@ 50	Not sold.	1 75 @ 2 00
Glass, silvered	Not sold	88 @ 1 00	@ 1 50	50 @ 3 50
Bronze metal	75 @ 2 00	50 @ 3 00	50 @ 3 00	75 @ 1 25
Brass	100 @ 2 50	50 @ 3 00	1 00 @ 3 00	134 @ 16
Solder:				@ 6 1/2
Sheet Lead		@ 6 1/2	@ 7	@ 6
Lead Pipe			@ 6 1/2	
Iron:				
I-Beams, up to and including 30 ft.	3 3-10 @ 34	@ 3 1-10		@ 2 8-10
I-Beams, over 30 ft. i. t. & c. advance.	3 3-10 @ 34	@ 3 1 10	3 20 @ 3 70	@ 2 8-10
Channel-Beams				@ 2 8-10

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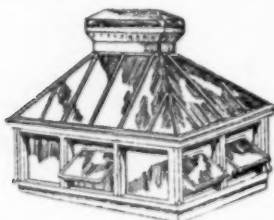
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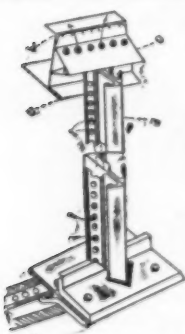
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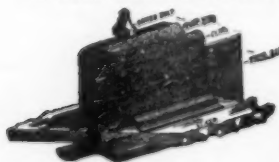
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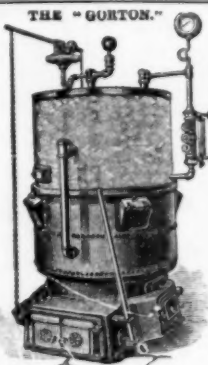
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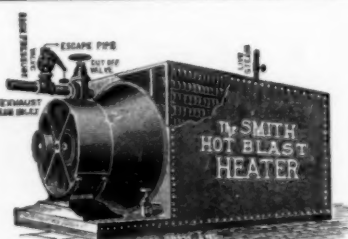
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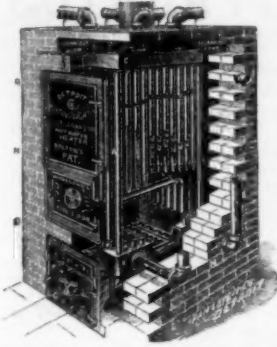
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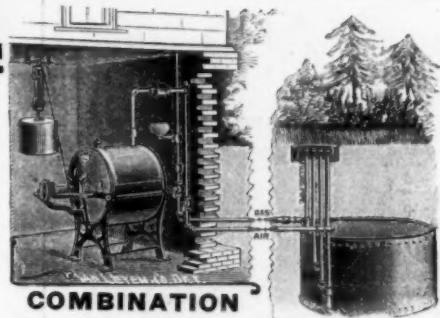
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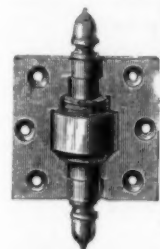
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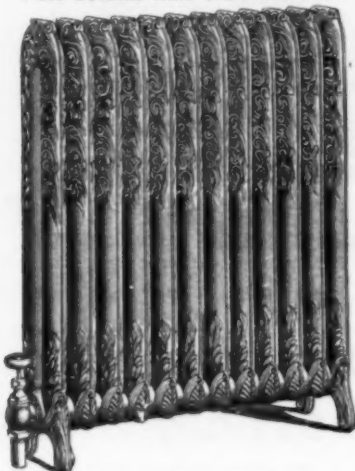
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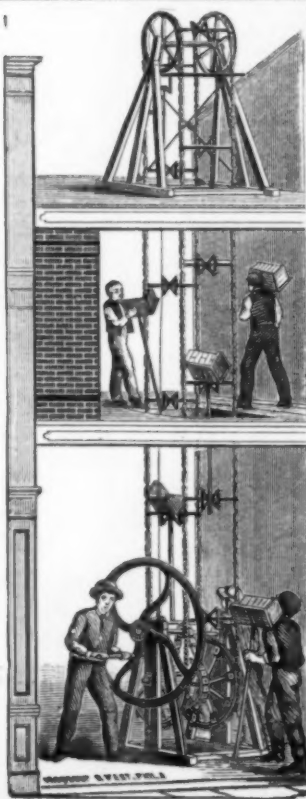
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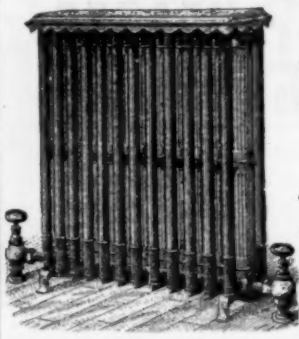


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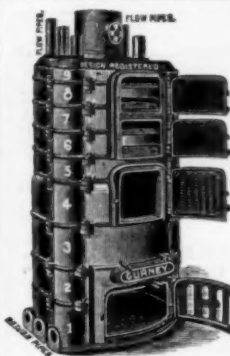
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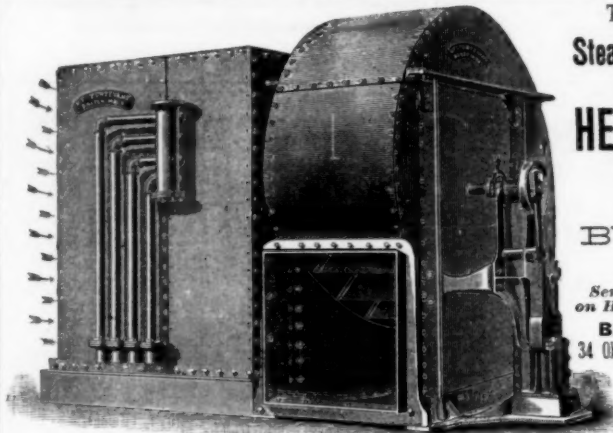
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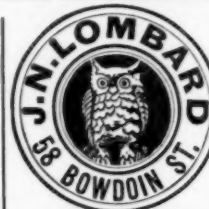
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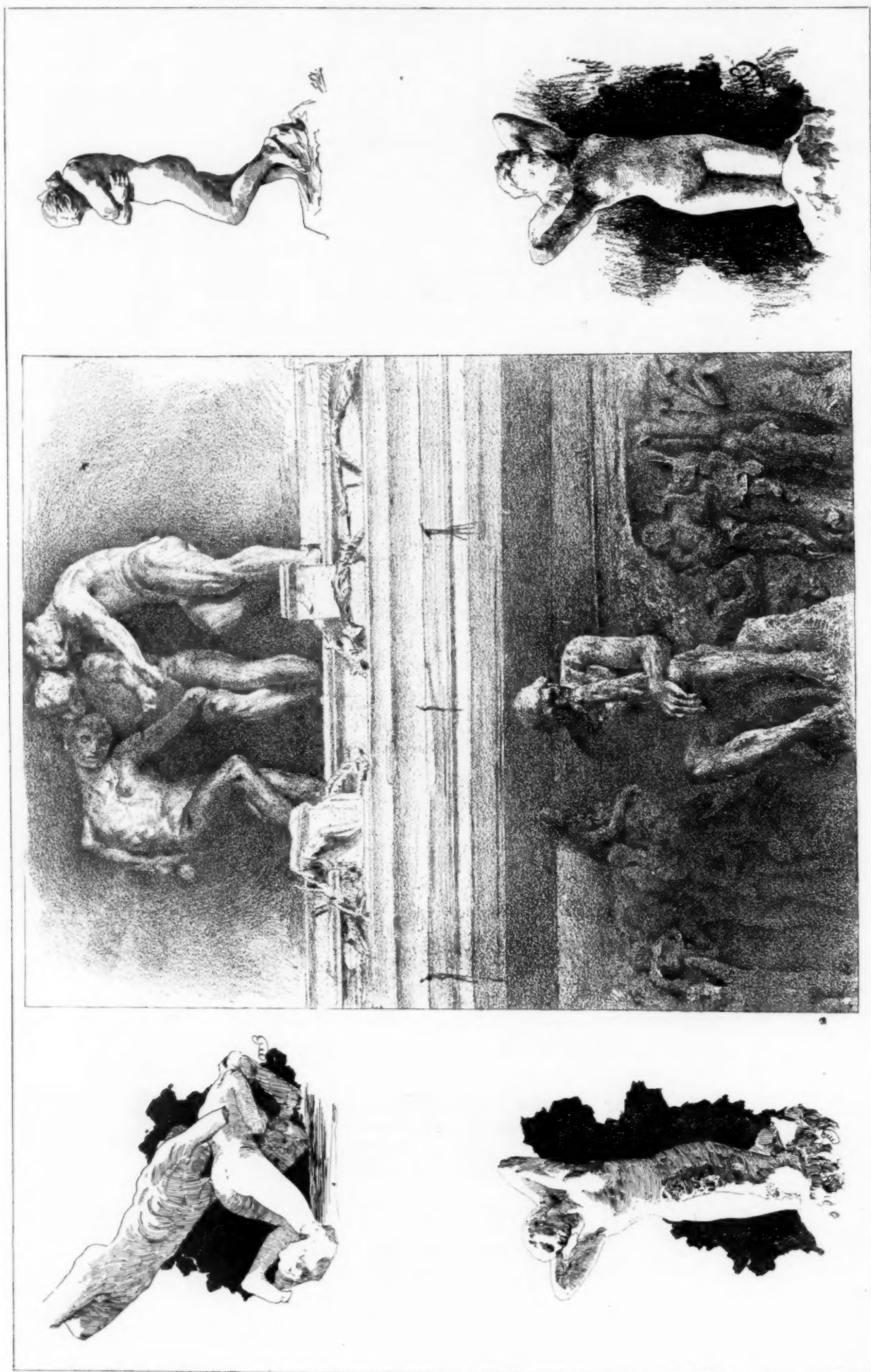
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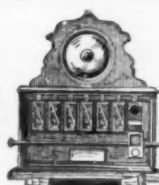
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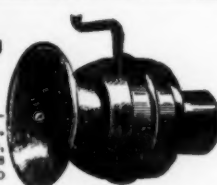
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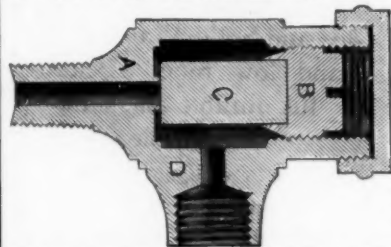
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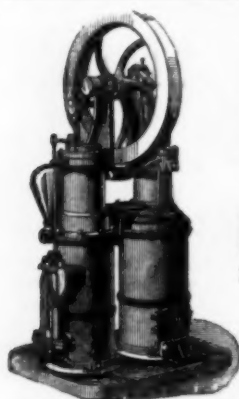
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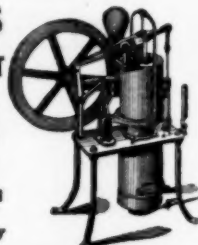
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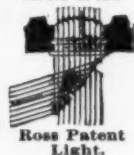


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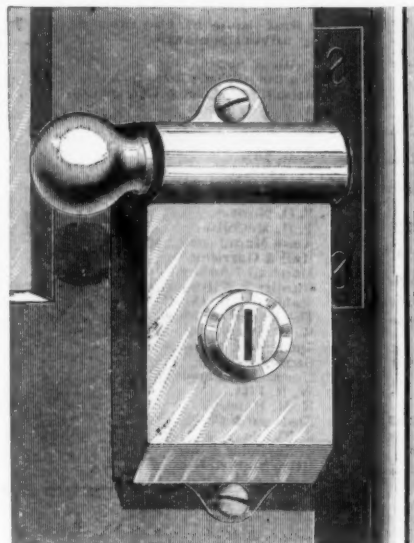
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New Advertisements.

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GEO. W. GROVE (Washington, D. C.), Contract Form. Page xiv.

PERSPECTIVE DRAWING.

The American Architect Drawing-Office will undertake the preparation of perspective drawings in line or color from scale drawings, or will render drawings already in outline. Address the editors.

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ARTISTIC HOUSES.—A copy of the collection of interior views, published by subscription in 1883 by Appleton of New York under the above name, is wanted. Address the Editors. 749

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BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

ALTERATIONS.

Brooklyn, N. Y.—Montrose Ave., s s, bet. Graham Ave. and Ewen St., one-st'y and basement brick and stone church, slate roof, stone spire to be added; cost, \$15,000; owners, Church of the M. H. Trinity, Montrose Ave. and Ewen St.; architects, Wm. Schickel & Co., 346 Broadway, New York.

Hanover Pl., No. 12, three-st'y frame store and storage warehouse, tin roof, three-st'y front and one-st'y rear brick extension, gravel roof, also interior alterations; cost, \$4,500; owner, Ira Perego, 128 Fulton St., New York; architect, John Prosser, 85 Sackett St.

John St., No. 106, four-st'y brick building, tin roof, front and rear extension, and interior alterations to fit for liquorice factory; cost, \$3,500; owner, F. P. Seidler, 1425 Broadway, New York; architect, S. Riffingale, 61 Canton St.

Cumberland Ave., n w cor. Lafayette Ave., three-st'y brick store and dwell., tin roof, raised one-st'y, extended and altered internally; cost, \$3,000; owner, J. H. Dahn, on premises; architect, Carl F. Eisenach, 59-61 Court St.

Atlantic Ave., s e cor. Ashford St., 4 one-st'y brick buildings to be used as additions to the Gas Works, slate and gravel roofs; cost, \$28,000; owners, the Union Gas Light Co., Atlantic Ave. and Ashford St.; architects, the Continental Iron Works, Station 2; builder, J. T. Woodruff, West Third Ave., Long Island City.

Ewen St., s e cor. Jackson St., three-st'y brick storage warehouse, three-st'y extension to be added, tin roof, to be used as storehouse for varnish; cost, \$3,200; owners, Henry Valentine & Co., New York City; architect, M. Hilleger, 84 Bleecker St.

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De Kalb Ave., n e cor. Debevoise St., three-st'y brick dwell., tin roof, three-st'y brick extension, to be used as store and dwell., to be added, felt, pitch and gravel roof; cost, \$4,000; owner, John Fallon, 12 De Kalb Ave.; architect, O. D. Thompson, 512 Quincy St.

Cincinnati, O.—Church of the Advent, one-st'y brick addition, Kemper Lane; cost, \$3,300; architects, Des Jarden & Hayward.

Detroit, Mich.—St. Mary's Hospital, addition; cost, \$50,000; architect, G. W. Lloyd.

Lexington, Mo.—Remodelling of the Laclede Hotel, new front and new arrangement; cost, \$3,000; architect, Albert Blitz.

Minneapolis, Minn.—C. F. Sawyer, alterations to dwell., 1344 First Ave., s.

W. F. Stetson, two-st'y brick addition to hotel, 67 Ireland Ave.; cost, \$5,000.

New York, N. Y.—Central Park, four-st'y brick and granite wing to be added to the Metropolitan Museum of Art; cost, \$250,000; architect, A. L. Tuckerman.

Twentieth St., n s, 160' w Sixth Ave., addition to O'Neill's store; cost, \$100,000; architect, M. C. Merritt.

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addition to stable; cost, \$10,000; owners, Van Tassel & Kearney; architects, D. & J. Jardine.
Providence, R. I.—High and Westminster Sts., alterations in block for Patrick Tierney; architects, Stone, Carpenter & Willson.
Westminster St., No. 69, plate glass and copper front, Wheaton & Anthony Building; architects, Stone, Carpenter & Willson; builders, Dexter, Gordon & Co.
St. Louis, Mo.—Alter brick store; cost, \$2,500; owner, C. W. Knopp; contractors, McMurray & Judge.

APARTMENT-HOUSES.

Minneapolis, Minn.—Andersen Bros., three-sty brick flats, 216-228 Eighth Ave., s e; cost, \$35,000; John E. Hultberg, three-sty brick apartment, 815 East Eighteenth St.; cost, \$18,000.
M. A. Bradford, three-sty brick apartment, 611-613 Oak Lake Ave.; cost, \$12,000.
New York, N. Y.—First Ave., w s, 25th s Seventy-eighth St., five-sty brick flat, tin roof; cost, \$19,000; owner, William A. Wilson, One Hundred and Sixty-seventh St. and Stebbins Ave.; architect, Edward Wenz, 1491 Third Ave.
St. Mark's Pl., No. 22, five-sty brick flat, tin roof; cost, \$24,000; owner, Geo. Hornberger, 56 East Fourth St.; architects, Kutzler & Rohl, cor. Third Ave. and Seventh St.
Madison St., No. 221, five-sty brick flat, tin roof; cost, \$25,000; owner, Joseph L. Butterweiser, 115 Broadway; architect, G. A. Schellinger, 128 Broadway.
Hudson St., No. 482, five-sty brick flat, tin roof; cost, \$22,000; owner, Geo. Vassar, 232 Madison St.; architects, Schneider & Herter, 48 Bible House.
Essex St., No. 176, five-sty brick flat, tin roof; cost, \$20,000; owner, Winthrop estate, 20 Union Sq.; architect, J. Boekel & Son, 54 Bond St.
One Hundredth St., Nos. 207-209, 2 five-sty brick flats, tin roofs; cost, \$36,000; owner, Philip Smith, 205 East One Hundredth St.; architect, Andrew Spence, 163 East One Hundred and Twenty-fifth St.
West Sixty-seventh St., Nos. 129-131, 2 five-sty brick flats, tin roofs; cost, \$40,000; owner, James O'Toole, 131 West Sixty-seventh St.; architect, James W. Cole, 403 West Fifty-first St.
Boulevard, w s, 76th s Eighty-first St., five-sty brick flats, tin roof; cost, \$20,000; owner, Daniel Rogers, 417 West Broadway; architect, H. L. Harris, Temple Ct.
One Hundred and Forty-second St., n e cor. Edgcomb Ave., 4 five-sty brick flats, tin roofs; cost, \$54,000; owner, John Smith, 2035 Eighth Ave.; architect, Andrew Spence, 163 East One Hundred and Twenty-fifth St.
West Thirty-sixth St., No. 363, five-sty brick flat, tin roof; cost, \$20,000; owners, Cummings and Ferguson, 719 Eighth Ave.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.
West Thirty-sixth St., No. 316, five-sty brick flat, tin roof; cost, \$20,000; owners, Currie & Gillie, One Hundred and Fifty-second St. and St. Nicholas Ave.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.
Thirty-eighth St., s s, 202nd w First Ave., 2 five-sty brick flats, tin roofs; cost, \$40,000; owner, William J. Mathews, 167 East One Hundred and Thirtieth St.; architect, John C. Burne, Third Ave., cor. Eighty-sixth St.
One Hundred and Twenty-ninth St., s s, 97th 9th w

BUILDING INTELLIGENCE.

Lenox Ave., 2 five-sty brick flats, tin roofs; cost, \$30,000; owner, Joseph Watkins, 304 East Forty-first St.; architect, Walter H. C. Hornum, 150 East One Hundred and Twenty-fifth St.
Ninety-third St., s s, 170th e Madison Ave., 3 five-sty brick flats, tin roofs; cost, \$19,000; owner, James A. Frame, 105 East Seventieth St.; architects, A. B. Ogden & Son, 1031 Madison Ave.
Eighty-fourth St., s s, 375th e Tenth Ave., five-sty brick flat, tin roof; cost, \$25,000; owner, Geo. J. Cohen, 101 West Seventy-sixth St.; architect, E. L. Angell, 94 Liberty St.
West Fortieth St., Nos. 265-267, 2 five-sty brick flats, tin roofs; cost, \$36,000; owner, John D. Karst, Jr., 1874 Third Ave.; architect, Fr. S. Barus, 558 East One Hundred and Thirty-sixth St.

CHURCHES.

Baltimore, Md.—Church of the Prince of Peace will build frame church cor. North Ave. and Tenth St.
Brooklyn, N. Y.—Clinton Ave., w s, 181st s Fulton St., one-sty brick church, tin roof; cost, \$40,000; owners, Pastor, wardens and vestrymen of St. Luke's Church, Clinton Ave.; architect, John Welsh, 424th Halsey St.; builder, H. J. Brown, 1334 Fulton St.
Cincinnati, O.—Price Hill M. E. Church, one-sty church, Phillips St., Price Hill; cost, \$2,628; architects, Des Jardins & Hayward.
Detroit, Mich.—L. Scheibig, frame church, 414 Chene St.; cost, \$7,800.

FACTORIES.

Detroit, Mich.—Detroit Electrical Works, brick factory, Woodward Ave.; cost, \$30,000; architects, Scott, Kemper & Scott.
Minneapolis, Minn.—E. F. Borrsfield, frame factory, Twenty-fifth Ave., n e, and Marshall St.; cost, \$18,000.
New York, N. Y.—Fifty-third St., s s, 100th e First Ave., 2 three, two and one-sty factories, felt, gravel and cement roofs; cost, \$35,000; owners, Consumers Hygiene Ice Manufacturing Co., 73 East Fourth St.; architects, A. B. Ogden & Son, 1031 Madison Ave.
Philadelphia, Pa.—Fourth St., e s, s Venango St., three-sty factory; contractor, J. R. Wiggins, 1536 Seybert St.
Locust St., w Eighth St., five-sty factory; contractor, Thos. Bennett, 1017 Chestnut St.
Fifth St., s w cor. College Ave., four-sty factory; owner, Jos. Harvey, Carpenter Station.
Springfield, Mass.—Harrison Ave., five-sty factory, brick and stone trimmings; cost, \$32,000, owners, Kibbe Bros. & Co.; architect, G. E. Code; builder, C. L. Shaw.

HOUSES.

Brooklyn, N. Y.—Jamaica Ave., e s, cor. Linwood St., two-sty frame dwell., shingle roof; cost, \$4,600; owner, Z. L. Hollister, 95 Basely St.; architect, S. T. Hollister, 95 Basely St.
Madison St., n w s, 80th e Hamburgh Ave., 10 two-sty frame dwells., tin roofs; total cost, \$23,000; owners, Cosine & Gasoline, 1235 Buylwick Ave.
Fulton Ave., n s, 295th e Patchen Ave., three-sty frame dwell., tin roof; cost, \$3,800; owner, W. King, 141 Broadway, N. Y.; architect, A. J. Warren, 2583 Atlantic Ave.

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Milford St., w s, 90th n Sutter Ave., two-sty frame dwell., tin roof; cost, \$20,000; owner, Chas. A. Clegg, 247 Rockaway Ave.; architect, Henry Loeffler, Jr., 188 Myrtle Ave.
Twelfth St., n s, 115th 5th w Eighth Ave., 2 three-sty frame dwells., tin roofs; total cost, \$11,000; owner, Thos. Brown, 644 Tenth St.; architect, W. M. Coats, 26 Court St.
Huntington St., n s, 80th e Henry St., four-sty brick dwell., tin roof; cost, \$6,000; owner, Ola Neilson, 1 Fourth Pl.
Marion St., n s, 130th w Hopkins Ave., 4 two-sty brick dwells., tin roofs; cost, \$2,800 each; owner, Chas. Hunt, Herkimer St.; architect, A. M. Sagar, 625 Madison St.
Second Pl., n s, 19th 6th e Clinton St., 3 two-sty brick dwells., gravel roofs; cost, \$5,000 each; owner and architect, Joseph C. Taylor, 83 Third Pl.
Second Pl., n e cor. Clinton St., two-sty brick dwell., gravel roof; cost, \$5,500; owner and architect, Joseph C. Taylor, 83 Third Pl.
Albany Ave., w s, 48th s Decatur St., four-sty brick dwell., tin and slate roof; cost, \$25,000; owner, J. N. Franklin, 344 Nostrand Ave.; architect, F. B. Langston, 1233 Bedford Ave.
Seventh Ave., s w cor. Second St., four-sty brick dwell., tin roof; cost, \$10,000; owner, George H. Magill, Gravesend Neck Road; architect, Henry Vollweiler, 14 Elm St.
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Second St., s s, 97 e Sixth Ave., 5 three-st'y brick
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& Bowers, 246 Thirteenth St.; architect, Wm. H.
Norris, 246 Thirteenth St.
Halcy St., n s, 188 e Nostrand Ave., 3 three-st'y
brick dwell., tin roofs; total cost, \$17,000; owner,
Wm. J. Kerrigan, 522 Madison St.
Monroe St., n w cor. Lewis Ave., four-st'y brick
dwell., tin roof; cost, \$10,000; owner, Daniel Mc-
Dicken, 235A Chauncey St.
Monroe St., n s, 24 e Lewis Ave., 4 two-and-one-
half-st'y brick dwell., tin roofs; cost, \$5,500 each;
owner, Daniel McDicken, 235A Chauncey St.
Putnam Ave., s w cor. Ralph Ave., three-st'y
brick dwell., store and stable, pine and tin roofs;
cost, \$8,000; owner, H. Smalltag, Putnam and
Ralph Aves.; architect, F. J. Lessing, 952 Broad-
way.
Seventh Ave., w s, 29 e Second St., 4 four-st'y
brick dwell., tin roofs; cost, \$8,000 each; owner,
George H. Magill, Gravesend Neck Road; architect,
Henry Vollweiler, 14 Elm St.
Tillary St., s s, 50 e 10 e Jay St., four-st'y brick
dwell., tin roof; cost, \$16,000; owner, John Finn, 76
Tillary St.; architect, J. W. Bailey, 66 Court St.

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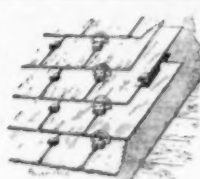
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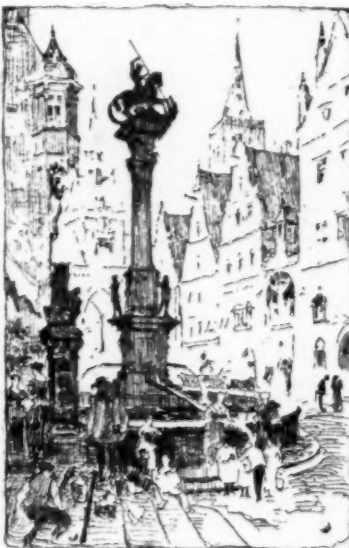
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owner, F. J. Fellows, 452 Seventh Ave.; architects,
Baker & Lincoln, 166 Montague St.
Montague St., w s, 83 e 9 e Van Pelt St., 2 three-st'y
brick dwell., tin roofs; cost, \$4,000 each; owner
and builder, Martin Rourke, 378 South Third St.;
architect, Thos. Cusick.
Twelfth St., n s, 105 e 9 e Fourth Ave., four-st'y
brick dwell., tin roof; cost, \$8,000; owner and
builder, Wm. Brown, 382 Seventh Ave.; architect,
W. M. Coots, 26 Court St.
Elm St., No. 71, three-st'y brick dwell., tin roof;
cost, \$3,500; owner, John Hagen, 71 Elm St.; archi-
tect, W. M. Coots, 26 Court St.
Marcy Ave., n e cor. Division Ave., 2 four-st'y
brick dwell., tin roofs, total cost, \$20,000; owner,
Mrs. Margaret Mulvihill, Stuyvesant and Wil-
loughby Aves.; architects, Billard & Crowell, 99
Broadway.
South Elliott Pl., e s, 150 e De Kalb Ave., four-
st'y brick dwell., tin roof; cost, \$10,000; owner, E.
J. Zimmerman, 160 Cumberland St.
Cook St., No. 136, bet. Morrill St. and Bushwick
Ave., three-st'y frame dwell., tin roof; cost, \$4,500;
owner, Joseph Pandar, 123 Cook St.; architects, D.
Acker & Son, 752 Broadway.
Twentieth St., n s, 22 e 7 e Eighth Ave., 4 two-st'y

BUILDING INTELLIGENCE.

frame dwell., tin roofs; cost, \$1,800 each; owner
and architect, H. C. Bull, 467 Fifth Ave.
Myrtle St., n s, 140 e Knickerbocker Ave., 3
three-st'y frame dwell., tin roofs; cost, \$4,500 each;
owner, A. Ammann, 258 Devoe St.; architects, D.
Acker & Son, 752 Broadway.
De Kalb Ave., s s, 150 e Hamburg Ave., 4 three-
st'y frame dwell., tin roofs; cost, \$4,500 each;
owner, George Ochs, 1418 De Kalb Ave.; architect,
F. J. Lessing, 952 Broadway.
Cincinnati, O.—Louis Roth, three-and-one-half-st'y
dwell. and tenement, Third St.; cost, \$4,700; archi-
tects, G. & A. Brink.
A. Wuest, 2 two-and-one-half-st'y dwell., Dennis
St.; cost, \$6,000; architect, Chas. Dias.
Chas. Fleischman, seven-st'y dwell., Fourth St.;
cost, \$50,000; architect, S. S. Godley.
John Leitz, two-and-one-half-st'y dwell., Hopple
St.; cost, \$3,500; architect, Chas. Faaman.
Cornelius Fuerst, 3 two-and-one-half-st'y dwell.,
Jefferson Ave.; cost, \$9,000; architect, Chas. Dias.
Mrs. F. Benning, dwell., Fourteenth and Plum
Sts.; cost, \$4,500; architects, G. & A. Brink.
F. Hollman, two-and-one-half-st'y brick dwell.,
Eden Ave.; cost, \$3,800; architects, G. & A. Brink.
W. Lampe, two-and-one-half-st'y dwell., West-
wood Ave., Fairmount; cost, \$3,000; architects, G.
& A. Brink.

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Chas. T. Dickson, four-and-one-half-st'y dwell., Grand St.; cost, \$8,000; architect, Frank Farnell.
G. H. Reichtin, two-and-one-half-st'y dwell., Klein and Lincoln Aves.; cost, \$2,500; architect, E. Thompson.
F. W. Browne & James Potter, double two-and-one-half-st'y dwell., Elm and Lincoln Aves.; cost, \$1,000; architect, Theo. Richter.
Geo. K. Hornberger, two-and-one-half-st'y dwell., Evans St., Mt. Auburn; cost, \$6,500; architect, Wm. Keever.
Denver, Col.—Logan Ave., cor. Colfax Ave., two-st'y brick dwell.; cost, \$15,000; owner, Jas. G. Kilpatrick; architects, Varian & Steiner.
Elizabeth St., near Thirteenth Ave.; brick dwell.; cost, \$4,000; owner, M. E. Tingley; architect, A. M. Stuckert.
Williams St., near Twenty-sixth Ave., two-st'y brick dwell.; cost, \$7,000; owner, Jennie S. Koorner; architects, Baerensen Bros.
Colfax Ave., near Sixteenth Ave., two-st'y brick dwell.; cost, \$8,000; owner, H. M. Stone; architects, Balcombe & Rice.
Fourth Ave. and South Fourteenth St., two-st'y brick dwell.; cost, \$6,000; owner, Ezra Fairchild; architects, Kidder & Humphreys.
Colfax Ave., near Sixteenth Ave., brick dwell.; cost, \$4,000; owner, G. T. Higgins; architects, Balcombe & Rice.
Colfax Ave., near Sixteenth Ave., two-st'y brick dwell.; cost, \$6,000; owner, G. T. Higgins; architects, Balcombe & Rice.
High and Williams Sts., two-st'y brick dwell.; cost, \$5,000; owner, Mrs. K. A. Feebles; architects, Varian & Steiner.
Detroit, Mich.—Heiss & Raseman, two-st'y brick dwell., 205 East Congress St.; cost, \$3,400.
A. C. Clark, frame dwell., 294 Warren Ave.; cost, \$3,000.
A. C. Varney, frame dwell., 101-55 Brigham St.; cost, \$3,700.
A. C. Varney, frame dwell., 747 Fourteenth St.; cost, \$3,000.
W. M. Durand, two frame dwells., 241-5 Forrest Ave.; cost, \$5,000.
Wm. Peters, brick dwell., 64 Macon St.; cost, \$5,000.
Wm. Haate, brick dwell., 682 Trumbull Ave.; cost, \$5,500.
W. Glazer, frame dwells., 934-840 Sixteenth St.; cost, \$3,000.
W. S. Nicholson, double frame dwell., 236-8 Alexander Ave.; cost, \$8,000.
New York, N. Y.—One Hundred and Fifty-second St., s. s. 179th & Tenth Ave., 3 three-st'y brick dwells., mansard, slate and tin roofs; cost, \$29,500; owner, James H. McKenny, West One Hundred and Fifty-second St. and Tenth Ave.; architect, Chas. P. H. Gilbert, 18 Broadway.
One Hundred and Thirty-fourth St., n. s. 90th w Southern Boulevard, 2 three-st'y brick dwells., tin roofs; cost, \$14,500; owner, Augustus Garcia, 207 East One Hundred and Thirty-fourth St.; architect, A. Garcia, Jr., 630 East One Hundred and Forty-second St.
One Hundred and Thirty-second St., s. s. 552nd w Lenox Ave., 7 three-st'y brick dwells., tin roofs; cost, \$70,000; owner, Sarah E. Buckhant, 156 West One Hundred and Thirty-second St.; architects, Cleverdon & Putzell, 529 Broadway.
East Seventy-third St., No. 180, three-st'y brick dwells., tin roofs; cost, \$14,000; owner, Max Nathan, 22 East Seventy-second St.; architects, William Schickie & Co., 346 Broadway.

BUILDING INTELLIGENCE.

Seventy-first St., bet. Ninth and Tenth Aves., 4 four-st'y brick and stone dwells.; owners, Terence Farley's Sons; architects, Thom & Wilson.
St. Louis, Mo.—Two-st'y brick dwell.; cost, \$4,400; owner, G. Waller; contractor, F. Muller.
Two-st'y brick dwell.; cost, \$20,000; owner, H. S. Liggett; contractor, H. E. Roach.
Two-st'y brick dwell.; cost, \$3,500; owner, L. J. Silva; contractors, Hemminghaus & Vollmer.
Two-st'y brick dwell.; cost, \$2,900; owner, J. Schmidt; contractors, Hemminghaus & Vollmer.
Two two-st'y brick dwells.; cost, \$7,000; owner, Mrs. M. Arnold; contractors, Wm. Lewis & Son.
Two-st'y brick dwell.; cost, \$3,100; owner, Jac. Dukek; contractors, Mattheis & Schneider.
Three-st'y brick dwell.; cost, \$18,000; owner, M. R. Shepley; sub-let.
Two-st'y brick dwell.; cost, \$3,600; owner, C. Hoffmeister; contractors, Ziegemeier & Son.
Two-st'y brick dwell.; cost, \$2,600; owner, Ph. Steiner; contractors, Bothé & Raterman.
Three-st'y brick dwell.; cost, \$10,000; owner, Mrs. J. Krechter; sub-let.
Two-st'y brick dwell.; cost, \$6,000; owner, Mrs. H. Pullis; contractors, A. Uhri & Son.
Two-st'y brick dwell.; cost, \$4,600; owner, H. Kunz; contractors, A. Uhri & Son.
Two-st'y brick dwell.; cost, \$5,500; owner, F. Nagle; contractors, Bothé & Raterman.
Ten two-st'y frame dwells.; cost, \$20,000; owners and contractors, Newberg & Valentine.
Two-st'y brick dwell.; cost, \$6,800; owner, Henry Tillemeyer; contractors, Thielko Bros.
Two-st'y brick dwell.; cost, \$5,500; owner, F. W. Meier; contractor, H. W. Rocklage.
Two-st'y brick dwell.; cost, \$3,500; owner, A. Grimm; contractor, W. C. Popp.
Two-st'y brick dwell.; cost, \$2,900; owner, P. Gabrillack; contractors, Zwicki & Doerflinger.
Two-st'y brick dwell.; cost, \$5,000; owner, E. Neunstiel; contractor, R. J. Lloyd.
Two-st'y brick dwell.; cost, \$3,800; owner, P. Herschenbach; contractor, R. J. Lloyd.
Two-st'y frame dwell.; cost, \$3,800; owner, I. W. Pierce; contractor, A. Johnson.
Two-st'y frame dwell.; cost, \$3,200; owner, A. W. Southward; contractor, A. Johnson.
Two-st'y brick dwell.; cost, \$2,500; owner, Thos. Horan; contractors, Kelly & Lawton.

OFFICE-BUILDINGS.

Brooklyn, N. Y.—Broadway, e. s. 91st & 7th s Selgel St., three-st'y frame office-building and store, tin roof; cost, \$6,000; owner, P. Moller, 235 South Ninth St.; architect, Frank Holmberg, 1161 Broadway.
Minneapolis, Minn.—A. J. Blethen, five-st'y brick office-building, 51-61 South Fourth St.; cost, \$45,000.
Century Investment Co., five-st'y brick office-building, 400-412 First Ave.; cost, \$75,000.
Henry & Balch, three-st'y brick office-building, 412 Third St.; cost, \$15,700.
T. P. Healy, two-st'y brick office-building, 3127 Second Ave.; cost, \$6,000.
Philadelphia, Pa.—Dickinson St., s. e. cor. Meadow St., two-st'y office; owners, B. & O. R. K. Co., 2400 Chestnut St.
SCHOOL-HOUSES.
Detroit, Mich.—Board of Education, two-st'y brick school-house, 177 Adelaide St.; cost, \$20,000.
Lexington, Mo.—Eight-room school-building; cost, \$14,000; architects, Kramer & Zoll, Findlay, O.
Westfield, Mass.—Green River District, two-st'y school-house; cost, \$4,200; builder, J. L. Carli.

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STABLES.

New York, N. Y.—Washington St., No. 523, three-st'y brick stable, tin roof; cost, \$7,000; owner, Wm. E. Dodge, 262 Madison St.; architects, J. C. Cady & Co., 111 Broadway.
Spring St., No. 25, five-st'y brick and stone stable; owner, J. J. Slavin; architects, Kurtzer & Kohl.
Philadelphia, Pa.—Carlisle St., w. s. n Thompson St., two-st'y stable; contractor, S. B. McDowell, 2144 North Twentieth St.
Thompson St., w. s. s. Ash St., two-st'y stable and wagon-house; owner, Jos. Willman, 4644 Thompson St.
Seventh St., e. s. s. Indiana Ave., two-st'y stable; owner, Daniel Adams, 1361 North Ninth St.
Levinger St., s. s. w. Clay St., two-st'y stable; owner, Samuel H. Green.
Manayunk Ave., n. s. e. Conarroe St., stable and carriage-house; contractors, C. J. Wallace & Son, 368 Green La.
Second St., n. e. cor. Columbia Ave., two-st'y stable; owner, Jos. A. Augustine, 535 Turner St.
Second St., e. s. n Olney Rd., one-st'y stable; contractor, Geo. W. Koch, Feltonville.
Twenty-second St., n. w. cor. P. R. R., two-st'y stable and office; owners, Kuickerbocker Ice Co., Sixth and Arch Sts.
Moore St., No. 1301, one-st'y stable; contractor, J. E. Conroy, 1709 South Broad St.

STORES.

Cincinnati, O.—J. J. Spinning, two-st'y store and flats, Oak and Highland Aves.; cost, \$3,500; architect, John Bell.
James Glenn, seven-st'y stores and factory, Fifth and Sycamore Sts.; cost, \$34,000; architects, S. Hannaford & Sons.
Detroit, Mich.—David Whitney, Jr., and Wm. Reid, 2 five-st'y stores, Larned St.; w. cost, \$45,000; architect, G. W. Lloyd.
Alexander Fowler, two brick stores, Bagley Ave.; cost, \$11,000; architects, Scott, Kemper & Scott.
Minneapolis, Minn.—Seymour & Filleau, four-st'y brick store, 100-112 Second Ave. n.; cost, \$110,000.
Frank Pragna, two-and-one-half-st'y brick store, 117 Main St. n. e.; cost, \$7,000.
M. J. Galpin, two-st'y brick store and hall, 519 Fourteenth Ave. s.; cost, \$6,500.
B. Hilstad, three-st'y brick store and flat, 267-9 Cedar Ave.; cost, \$10,000.
Ella F. Tubbs, three-st'y brick store and flat, 19-21 Fifth St., n. e.; cost, \$20,000.
New York, N. Y.—Broadway, No. 716, six-st'y brick store-building, tin roof; cost, \$75,000; owner, Jacob Scholle, 33 Broad St.; architect, Alfred Zucker, 346 Broadway.
St. Paul, Minn.—Michel Bros., three-st'y block of stores, Wabasha St., near Aurora Ave.; cost, \$20,000.
St. Louis, Mo.—Four-st'y brick store; cost, \$19,000; owner, Geo. E. Leighton; contractor, F. S. Greene.
TENEMENT-HOUSES.
Cincinnati, O.—Mrs. Louisa Stearns, three-and-one-half-st'y tenement, Webb St.; cost, \$8,000; architect, S. S. Godley.
Mrs. M. Borge, three-and-one-half-st'y tenement, Vine St.; cost, \$4,500; architects, G. & A. Brink.
Minneapolis, Minn.—W. T. Collum, two-st'y brick tenement, 504-7 Fifth Ave. s.; cost, \$50,000.
French N. Barous, two-st'y brick tenement, 114-118 Seventh Ave. n.; cost, \$3,000.
N. O. Freeburg, two-st'y brick veneer tenement, 2321-7 Girard Ave. n.; cost, \$17,000.

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A. D. Parmenter, three-st'y brick veneer tenement, 237-51 Twenty-first Ave., N.; cost, \$28,000.

MISCELLANEOUS.

Detroit, Mich.—The Daily Abent Post Building, Miami Ave.; cost, \$30,000; architects, Hess & Rasmann.

Philadelphia, Pa.—Otto C. Wolff, architect and engineer, u e cor. Broad and Arch Sts., has just completed design and plans for a large brewery for the Consumers' Brewing Co. of New York, Limited, of brick, with stone trimmings. Brewery and plant to cost about \$500,000. To be located on Avenue A, between Fifty-fourth and Fifty-fifth Sts., New York.

North Third St., Nos. 1018-1020, three-st'y slaughter-house; contractor, L. Schwab, 940 North Sixth St.

Arch St., No. 915, one-st'y machine-shop; owners, Keystone Lead Works, 603 Sansom St.

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North Broad St., No. 1949, one st'y conservatory; contractor, Jacob Hartman, 1933 Parrish St.

Fifteenth St., e s, n Cumberland Ave., one-st'y car-house; contractors, Wm. C. McPherson & Son, 325 Cherry St.

Cumberland St., e s, w Twenty-sixth St., two-st'y hall; contractors, Warren & Thies, 2912 Westmoreland St.

North Twenty-second St., Nos. 328-330, two-st'y shop and stable; contractor, J. W. Saunders & Son, 230 North Twenty-second St.

High St., n w cor. R. R., two-st'y mill; contractor, Frank E. Patterson, Manayunk.

Main St., e s, n Coulter St., one-st'y bakery; owner, A. Jenkinson, 303 Locust Ave.

Toledo, O.—Superior St., three-st'y brick and stone business building; cost, abt. \$10,000; owner, Chas. E. Kaufman; architects, Bacon & Huber.

Jefferson St., four-st'y brick and stone mercantile building; cost, \$15,000; owner, M. Bartlett; builder, M. Rabbitt; architects, E. O. Fallis & Co.

Three-st'y brick building for stores and flats, Adams and Thirteenth Sts., for the Cheney Medicine Co.; cost, abt. \$30,000; owner, F. J. Cheney; architect, D. L. Stine.

PROPOSALS.

April 14, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 13th day of May, 1890, for all the labor and materials required to put in place all the gas-piping in the United States Custom-house, etc., building at Galveston, Tex., in accordance with the drawings and specification, copies of which may be had on applica-

PROPOSALS.

tion at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time fixed for opening the same; also bids which do not comply strictly with all the requirements of this invitation. JAMES H. WINDRIM, Supervising Architect. 748

April 15, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 15th of May, 1890, for all the labor and materials required to fix in place complete a low-pressure, steam heating and mechanical ventilating apparatus for the United States Court-house and Post-office building at Montpelier, Vt., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time fixed for opening the same; also bids which do not comply strictly with all the requirements of this invitation. JAMES H. WINDRIM, Supervising Architect. 748

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[At West Point, N. Y.]

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Sealed proposals, in triplicate, will be received at this office until noon, Saturday, April 26, 1890, for the construction of a gymnasium building.

Plans can be seen and forms and specifications obtained at this office, or at the office of Mr. R. M. Hunt, architect, Tribune Building, New York City.

The right is reserved to reject any and all proposals.
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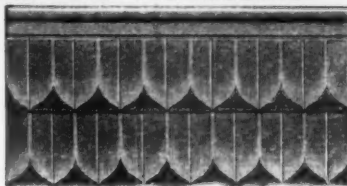
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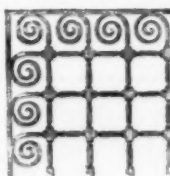
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TICKNOR & CO., 211 Tremont Street, Boston, Mass.**PROPOSALS.****IRON, ETC.**[At New York, N. Y.]
March 26, 1890.

Sealed proposals, indorsed "Proposals for Iron, etc., for the New York Navy Yard, to be opened April 29, 1890," will be received at the Bureau of Provisions and Clothing, Navy Department, Washington, D. C., until 12 o'clock, noon, April 29, 1890, and publicly opened immediately thereafter, to furnish at the New York Navy Yard, 8,000 pounds wrought-iron, 6,000 pounds wrought-iron nuts, also a quantity of paints, etc.

The articles must conform to the Navy standard and pass the usual naval inspection.

Blank proposals will be furnished upon application to the Commandant of the Navy Yard, the Navy Pay-office, New York, or to the Bureau.

PROPOSALS.

Tie-bids decided by lot.
The Department reserves the right to reject any or all bids not deemed advantageous to the Government.
748
GEO. DEWEY,
Acting Chief of Bureau.

LUMBER, PAINTS, ETC.[At Annapolis, Md.]
March 29, 1890.

Sealed proposals, indorsed "Proposals for Lumber, Paints, etc., for the United States Naval Academy, Annapolis, Md., to be opened April 29, 1890," will be received at the Bureau of Provisions and Clothing, Navy Department, Washington, D. C., until 12 o'clock, noon, April 29, 1890, and publicly opened thereafter, to furnish at the United States Naval

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Architectural Iron - Works.
ESTABLISHED 1852.

209 and 211 West 33d Street, New York City.

IRONWork for Buildings, Stairs, Columns, Railings, etc., etc.
Special attention given to Ornamental Wrought-Iron Work.**THE****PHENIX IRON COMPANY,**

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Manufacture Rolled Beams, Channels, Angles, Tee, Shape and Bar Iron of all sizes.

Roof Trusses, Girders, and Joists for fire-proof buildings framed and fitted as per plans.

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Die-forged Weldless Eyebars a specialty. Designs and estimates furnished.

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Orders received for Gesner Non-Porous, Rust Proof Cast Iron Sanitary Soil Pipe.**CHENEY & HEWLETT,****Architectural Iron Works.****N. CHENEY. } OFFICE: { 207 BROADWAY,
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Book giving strength of wrought-iron girders, beams, and cast-iron columns mailed on application.

MESKER & BRO.,**Galvanized Iron Cornices****Window Caps and SKYLIGHTS.**

Send for Catalogue.

421 to 429 South Sixth St., ST. LOUIS, MO.

PROPOSALS.

Academy, Annapolis, Md., a quantity of lumber, paints, etc.

The articles must conform to the Navy standard and pass the usual naval inspection.

Blank proposals will be furnished upon application to the Superintendent of the United States Naval Academy, Annapolis, Md., or to the Bureau.

Tie-bids decided by lot.

The Department reserves the right to reject any or all bids not deemed advantageous to the Government.
THOS. J. LASIER,
Acting Chief of Bureau.

748

HEADSTONES.

[At New York, N. Y.]

ARMY BUILDING, WHITEHALL STREET, N. Y.

NEW YORK, N. Y., April 1, 1890.

Sealed proposals, in triplicate, subject to the usual conditions, will be received at this office until 12 o'clock, noon, May 2, 1890, at which time and place they will be opened in the presence of bidders, for furnishing 10,000 (subject to an increase or decrease of 20 per cent) American white marble headstones, in slabs.

The Government reserves the right to reject any or all proposals or to accept, as will be most advantageous to the Department.

Preference will be given to articles of domestic production or manufacture, conditions of quality and price (including in the price of foreign productions and manufactures the duty thereon) being equal.

Specifications, blanks and information as to bidding, etc., will be furnished by this office on application.

Envelopes containing proposals should be marked, "Proposals for Headstones," and addressed to

R. N. BATCHELDER,
Deputy Quartermaster-General, U. S. Army.

748

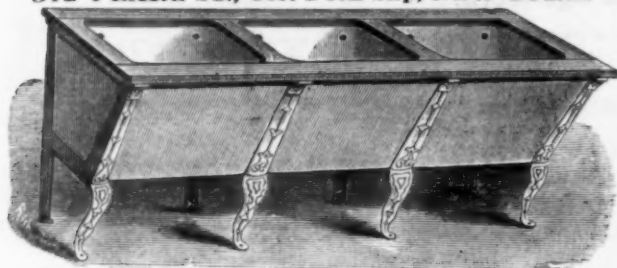
BUILDING MATERIAL.

[At Newport, R. I.]

NEWPORT, R. I., March 31, 1890.

Sealed proposals, indorsed "Proposals for Building Material for the United States Naval Torpedo Station, Newport, R. I., to be opened April 29, 1890," will be received at the Bureau of Provisions and Clothing, Navy Department, Washington, D. C., until 12 o'clock, noon, April 29, 1890, and publicly opened immediately thereafter, to furnish at the United States Naval Torpedo Station, Newport, R. I., a quantity of lime, cement, lumber, paints, etc.

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STEWART CERAMIC COMPANY,
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SHOWING THREE TUBS SET UP.

The only Solid White Crocker Wash-tub ever made in the world. Do not buy imitations until you see the genuine "Morahan's Patent," stamped on the front of every tub. Wash-board and Soap-cup moulded in every set. Will outlast any house.

Solid White Crocker Sinks, comprising Butler's Pantry, Kitchen, Slop, etc., Made of same material as the tubs. Very strong, well glazed, no labor required to keep clean.

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THE CELEBRATED SOLID WHITE CROCKER STATIONARY WASH-TUBS.

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VERY STRONG.

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A MANUAL FOR

ARCHITECTS, BUILDERS AND HOUSE FURNISHERS.

By CLARENCE H. BLACKALL, Architect.

1 vol., 8vo. With over 500 illustrations. \$5.00.

The subject of Builders' Hardware is one which has a direct bearing upon the work of the architect, and is, at the same time, of vital interest to the builder. This book is, however, written primarily for the architect. Our experience has led us to believe that architects, as a rule, seldom go any deeper into the subject than is necessary to decide whether knobs shall be of one material or another, or whether some particular pattern of sashfast will be satisfactory to the owner. It is needless to say that a more extended acquaintance with the subject would do no one any harm, and might even be conducive to much good, if only in the way of providing more fittingly for the needs of the client. This work is not intended, however, to be overcritical in its nature, nor necessarily so exhaustive as to embrace all the inventions and arrangements comprised in the general term of builders' hardware, though an attempt has been made to discriminate between what is merely novel and what is really suitable, and so far as possible the best of everything is noticed under the various heads, and an effort made to represent as nearly as possible the conditions and limitations of the builders' hardware market, as well as to show what is valuable for the uses of the architect.

Sold by booksellers. Sent, postpaid, on receipt of price by the publishers,

TICKNOR & COMPANY, Boston.

PROPOSALS.

The articles must in all cases conform to the Navy standard, and pass the usual naval inspection. Blank proposals will be furnished on application to the commanding officer of the United States Torpedo Station, Newport, R. I., or to the Bureau.

Tie-bids decided by lot. The Department reserves the right to waive defects or to reject any or all bids not deemed advantageous to the Government.

748

THOS. J. LASIER,
Acting Chief of Bureau.**HEATING APPARATUS.**

[At Brooklyn, N. Y.]
NAVY DEPARTMENT,
BUREAU OF MEDICINE AND SURGERY,
WASHINGTON, D. C., April 1, 1890.]

Sealed proposals, in duplicate, are hereby invited, and will be received at this office until 11 o'clock A. M. on Thursday, May 1, 1890, at which time and place they will be opened in the presence of attending bidders, for repairs and addition to steam-heating apparatus at Naval Hospital, Brooklyn, N. Y., in accordance with plans and specifications, which may be seen at the Naval Hospital, Brooklyn, N. Y., where copies of specifications, with blank forms of proposal, can be obtained.

Proposals must be enclosed in sealed envelopes, marked "Proposal for Repairs and Addition to Steam-heating apparatus at Naval Hospital, Brooklyn, N. Y.," and addressed to the Chief of the Bureau of Medicine and Surgery, Navy Department, Washington.

PROPOSALS.

The right is reserved to waive defects in form and to reject any or all bids.

748

J. MILLS BROWNE,
Surgeon-General, Chief of Bureau.**IRON-WORK.**

[At New Orleans, La.]

OFFICE OF THE LIGHT-HOUSE ENGINEER,
SEVENTH AND EIGHTH DISTRICTS,
NEW ORLEANS, LA., April 1, 1890.]

Proposals will be received at this office until 12 o'clock, noon, of Tuesday, the 29th day of April, 1890, for furnishing the materials and labor of all kinds necessary for the completion and delivery of the metal-work for the Front Beacon for the Head of the Passes Range-Lights, Louisiana. Plans, specifications, forms of proposals and other information may be had on application to this office.

The right is reserved to reject any or all bids and to waive any defects.

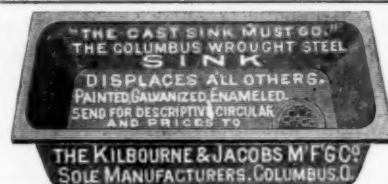
748

April 10, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 24 day of May, 1890, for furnishing and fixing in place complete the cast and wrought iron cover for northeast main vent-shaft, the hot-water heater, with all hot-water supply, circulating and cold-water supply-pipe connections, the exhaust piping from all

W. L. FISK,

Captain of Engineers, U. S. Army, Light-House Engineer, Seventh and Eighth Districts.

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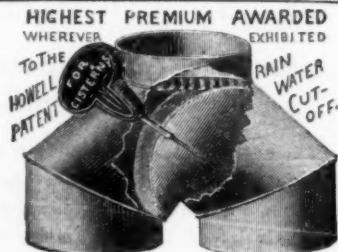
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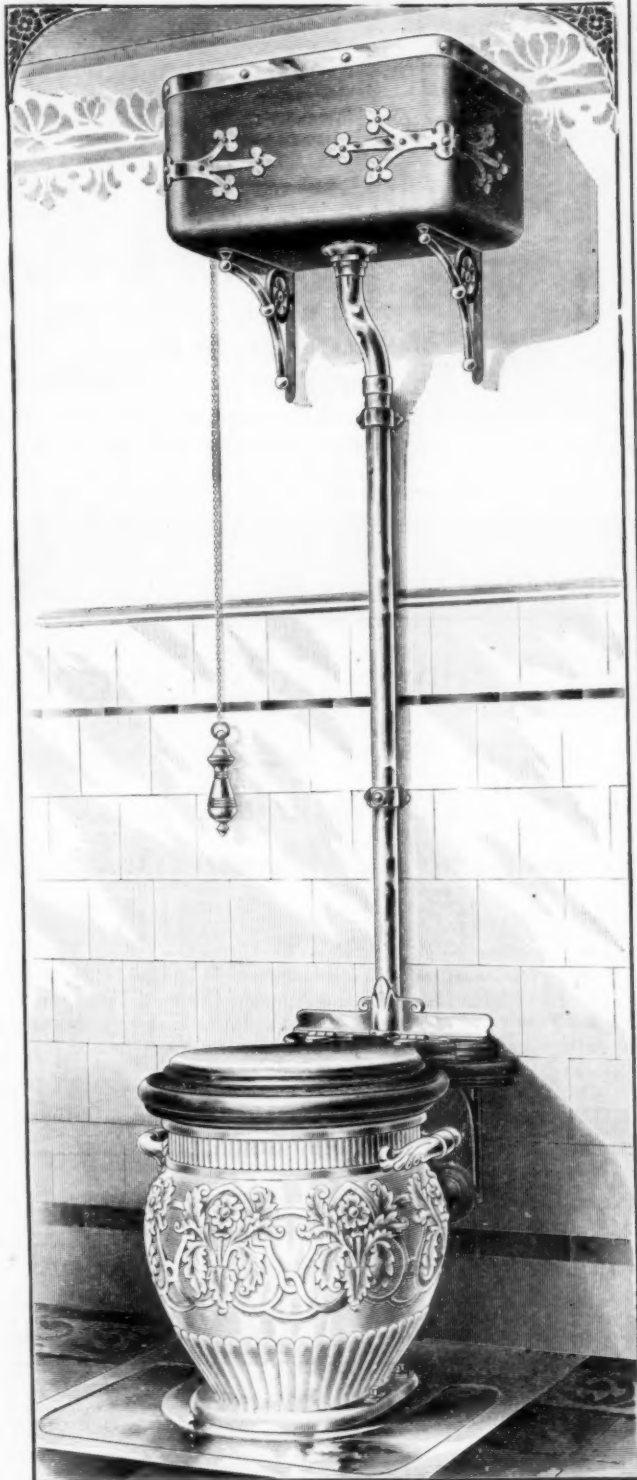
PROPOSALS.

elevator-pumps, live and exhaust steam-coils for the different vent-shafts, the lowering of roof of large Emerson ventilators, the wrought-iron doors for main vent-shaft, tank alarms, traps, piping, equalizing pipes for boilers, etc., for the United States Post-Office and Court-House building at Baltimore, Md., 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. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time fixed for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. JAS. H. WINDRIM, Supervising Architect.

748

The J. L. MOTT IRON WORKS,

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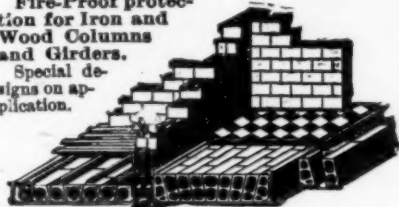
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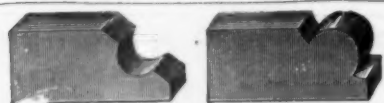
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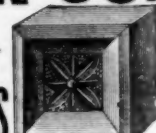
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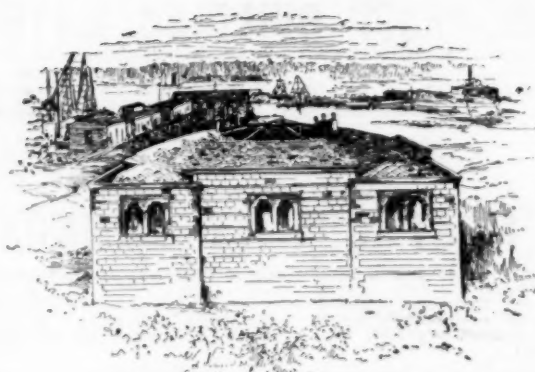
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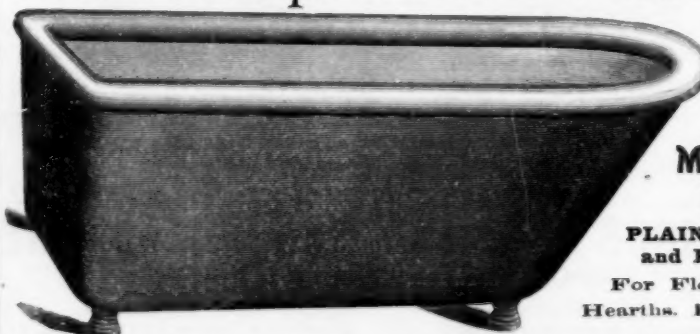
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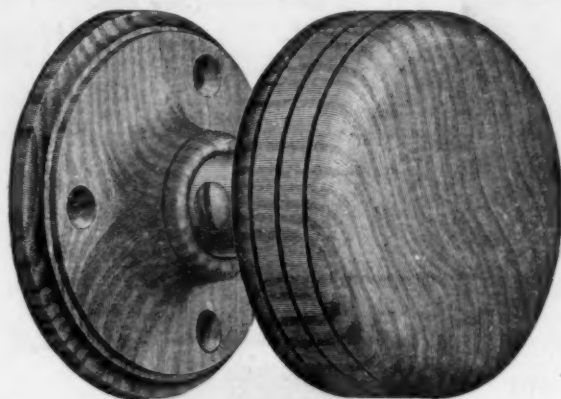
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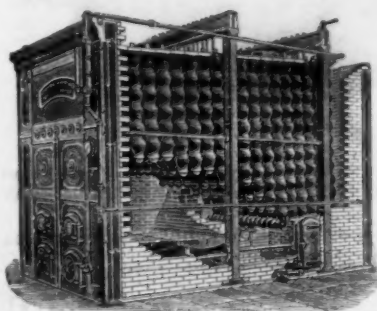
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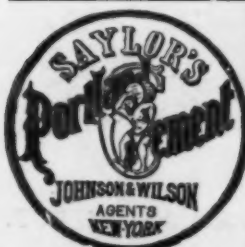
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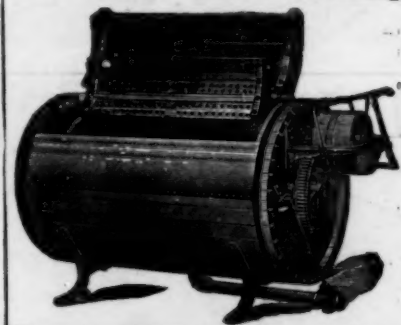
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2 25 @ 2 25

2 25 @ 2 50

5 00 @ 6 00

4 00 @ 5 00

1 50 @ 2 00

1 40 @ 1 60

2 00 @ 4 00

5 00 @ 6 00

4 1 @ 5 1

8 00 @ 10 00

25 @ 50

25 @ 50

45 00 @ 55 00

80 00 @ 120 00

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50 00 @ 60 00

150 00 @ 160 00

120 00 @ 350 00

45 00 @ 50 00

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2 00 @ 2 35

3 50 @ 4 00

P. 10 00 @ 18 00

9 @ 21

Not sold.

70 00 @ 40 00

80 00 @ 100 00

50 00 @ 60 00

50 00 @ 60 00

150 00 @ 200 00

200 00 @ 250 00

18 00 @ 35 00

32 00 @ 40 00

45 00 @ 50 00

45 00 @ 50 00

22 00 @ 40 00

45 00 @ 50 00

35 00 @ 50 00

35 00 @ 50 00

35 00 @ 50 00

35 00 @ 50 00

35 00 @ 50 00

35 00 @ 50 00

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35 00 @ 50 00

35 00 @ 50 00

35 00 @ 50 00

35 00 @ 50 00

35 00 @ 50 00

35 00 @ 50 00

35 00 @ 50 00

35 00 @ 50 00

48 00 @ 55 00

40 00 @ 45 00

30 00 @ 35 00

16 00 @ 20 00

11 25 @ 13 50

14 00 @ 20 00

14 00 @ 25 00

Not sold.

25 00 @ 37 30

15 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.

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Mortar Colors.	(Wholesale Prices.)	(Prices to Builders and Contractors.)		
Black, brown, buff # lb.	1 1/2			
Colorific # lb.	2 1/2			
Red # lb.	3			
White # bbl.	1 75			
Foundation:				
Dimension		5 00 # ton	20	5 00
Block		4 60 # perch		1 45 @ 2 50
Rubble		1 25 @ 1 50	8 50 @	
Bluestone: (# sq. ft.)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 25
Planned	50 @ 6 00	75	50 @ 1 00	37 @ 50
Sandstone:				
Longmeadow	80	80 @ 90		95 @ 1 16
Kibbe	90	90 @ 1 10		1 05 @ 1 35
Brown (Connecticut)	1 00 @ 90	1 25 @ 1 45	1 50 # cub. ft.	55 @ 1 00
Amherst	1 00 @ 95	90 @ 1 00	45 @ 50	
Berea	75 @ 1 00	80 @ 90	45 @ 55	
Berlin	75 @ 1 00	80 @ 90	55 @ 65	
Bellefonte	80 @ 1 25	1 25 @ 1 35	" 1 25	1 10 @ 1
New Brunswick (Dorchester)	80 @ 1 00	75 @ 90		1 00 @ 1
Caen	80 @ 1 00	75 @ 2 00		1 25 @ 1
Carlisle, English	1 05	1 05		95 @ 1
Corse Hill (Scotch)	1 05	1 05		
Marble (# cu. ft.)				
Leo, Mass.	1 @	1 75 @ 2 50	Not sold.	2 00 @ 2 50
Rutland, white and blue		3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	2 00	3 50 @ 6 00	1 70 @ 3 00
Glens Falls, black			Not sold.	4 00 @ 4 50
Italian, blue-veined			Not sold.	2 50 @ 2 75
" Sienna			Not sold.	5 00
Tennessee, red			Not sold.	4 00 @ 4 40
" Knoxville			Not sold.	3 00 @ 4 00
Pennsylvania, blue			Not sold.	2 00 @ 3 00
Vermont, white			3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (# square)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 8 10	2 30 @ 3 00
" unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	4 25 @ 4 75	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" black, Lehigh			6 25 @ 8 85	3 25 @ 4 00
" Chapman			7 30 @ 8 00	4 00 @ 4 65
" Unfading Black, Monson, Me.	5 50 @ 8 00	5 50 @ 8 0	6 00 @ 9 00	5 50 @ 8 00
PAINTS. (In oil, # lb.)			Not sold.	6 00 @ 6 75
White lead, Am.	7 @ 7 1/2	7 @ 7 1/2	6 1/2 @ 7	7 @ 7
" Zinc	5 @ 8 1/2	5 @ 8 1/2	7 @ 10 1/2	7 @ 7
Red lead, Am.	6 1/2 @ 7	7 @ 7 1/2	6 1/2 @ 7	dry Eng. 6 1/2 @ 7
" Venetian	6 @ 10 1/2	7 @ 12	12 @ 2 1/2	dry Am. 6 1/2 @ 7
" Vermillion	65 @ 70	72 @ 75 dry	65 @ 68	Eng. 6 1/2 @ 7
Red Indian, Eng.	12 @ 20	12 @ 20	12 @ 20	
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	
" Chrome	12 @ 20	18 @ 25	15 @ 25	
Green (chrome)	8 @ 13	8 @ 20	8 @ 20	
Green, Paris	25 @ 40	25 @ 40	18 @ 35	
Black, lamp	15 @ 25	15 @ 25	8 @ 30	
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	
Oil, linseed, (raw)	60 @ 63	61 @ 62	57 @ 60	
" boiled	64 @ 66	64 @ 65	61 @ 63	
Turpentine	43 @ 44	44 @ 45	61 @ 61	
Varnish, coach		1 50 @ 6 00	1 25 @ 2 00	
Shellac		2 50 @ 3 00	2 25 @ 4 00	
Putty	2 @ 4	2 @ 4	0 1/2 @ 0 1/2	
Whiting	75 @ 1 00	1 @ 1 1/2	1 @ 1 1/2	
Paris white, (Eng.)	1 30 @ 2 00	2 @ 3	1 1/2 @ 2	
Litharge, Am.	64 @ 6	14 @ 20	6 1/2 @ 7	
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	
Umber	14 @ 20	14 @ 20	2 @ 10	
HARDWARE.				
Nails: (Per Cask.) Spikes, (wrought.)	@ 2 85	@ 3 30	2 75 @ 3 00	pr kg @ 2 25
10d. common	@ 2 80	@ 2 50	@ 2 45	@ 2 30
Shingle	@ 3 35	@ 3 70	@ 2 85	@ 2 60
Lath	@ 4 85		@ 3 75	3 60 @ 4 75
Finishing nails according to size.			Add .85 to \$1.15	per lb @ 6
(For casing nails add 75c. per keg.)			".50 to .90	Add pr cask
Butts: 4" x 4" (# doz. pairs)				2 00 (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 (# pair)	@ 65	@ 50	Not sold.	48 @ 50
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Brass (10" supboards)	@ 10	@ 10	@ 12	@ 1 00
Ebony			13 @ 16	37 @ 35
Apple wood				@ 1 00
Knobs: (# Set.)				@ 08
Mineral, best	@ 8	@ 75	8 @ 10	Not sold.
Lava	@ 50	17 @ 33	65 @ 80	25 @ 50
Hemacite	Not sold	@ 10	25 @ 30	@ 25
Porcelain	@ 30	@ 50	Not sold.	1 00 @ 2 50
Glass, solid	Not sold	88 @ 1 00	@ 1 50	1 75 @ 2 00
Glass, silvered	@ 2 00	50 @ 3 00	50 @ 3 00	50 @ 3 50
Bronze metal	75 @ 2 00	50 @ 3 00	1 00 @ 3 00	75 @ 1 25
Brass	1 00 @ 2 50		13 @ 16	13 @ 16
Solder:				@ 6 1/2
Sheet Lead		@ 6 1/2	@ 7	@ 6
Lead Pipe		@ 6	@ 6 1/2	
Iron:				
I-Beams, ap to and including 30 ft.	3 3-10 @ 3 1/2	@ 3 1-10	3 20 @ 3 70	@ 2 8-10
I-Beams, over 30 ft. 1/2, 3/4, 1 c. advance.	3 3-10 @ 3 1/2	@ 3 1-10		@ 2 8-10
Channel-Beams				@ 2 8-10

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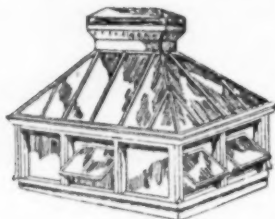
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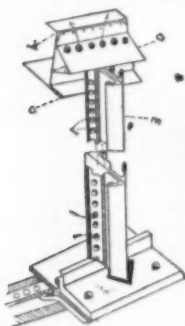
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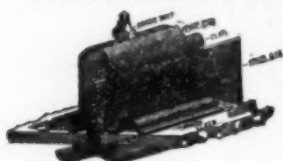
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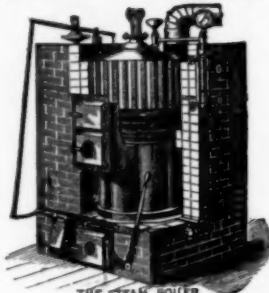
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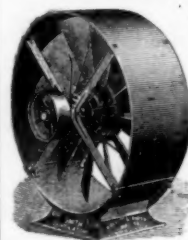
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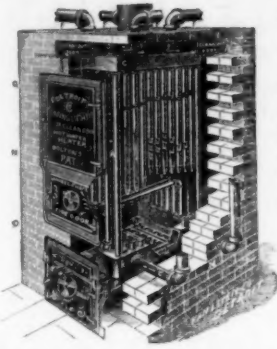
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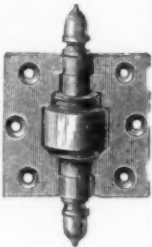
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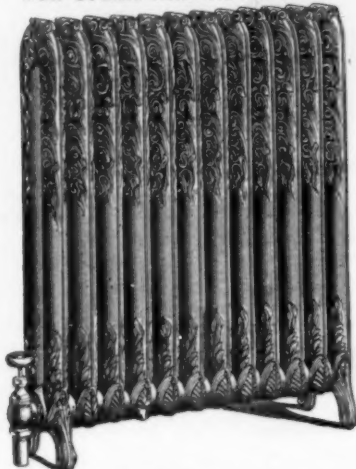
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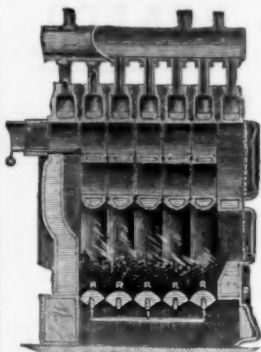
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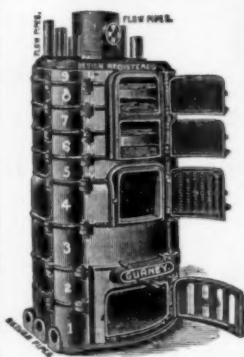
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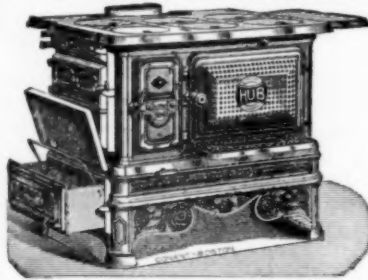
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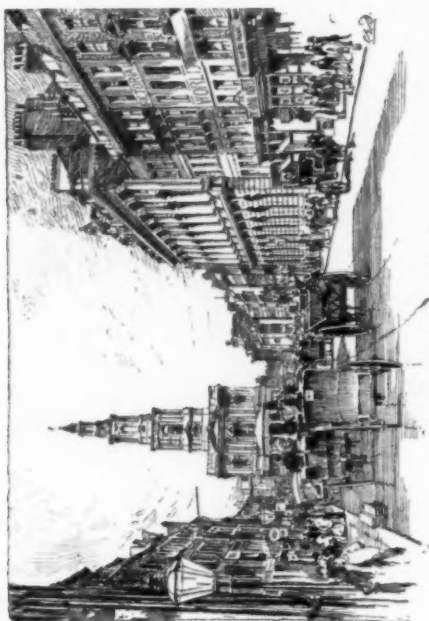
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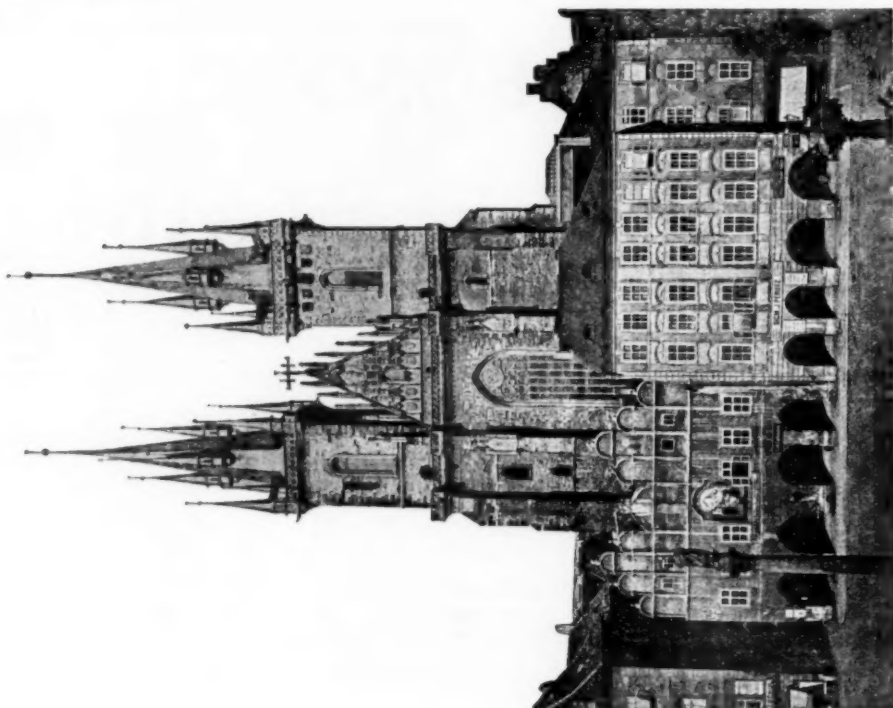
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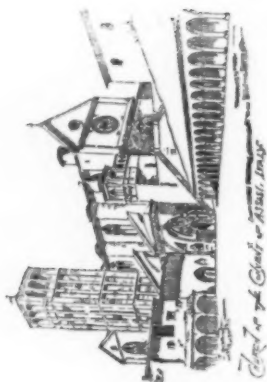
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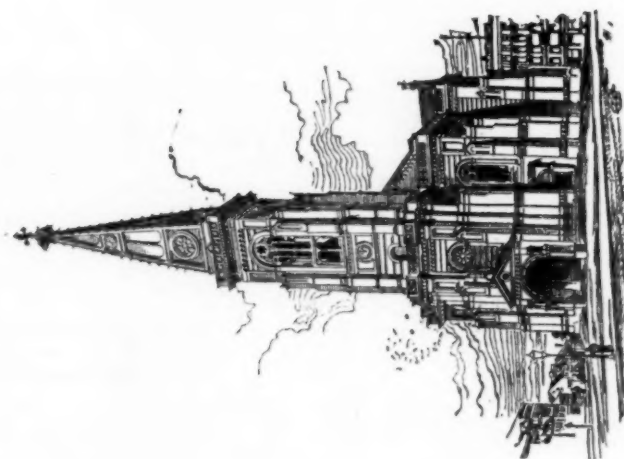
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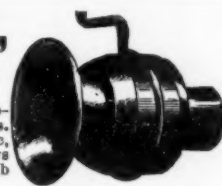
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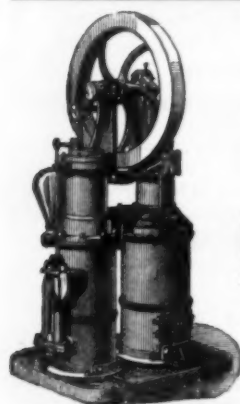
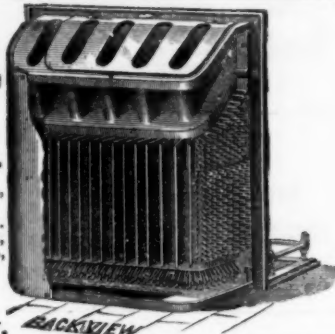
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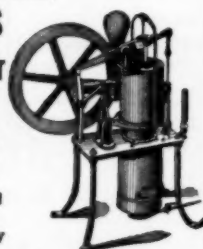
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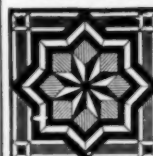
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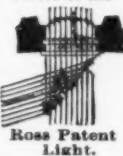
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H. W. JOHNS MFG. CO. (New York, N. Y.), Roofing Materials. Page xiii.

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BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

ALTERATIONS.

Boston, Mass.—Tremont St., No. 806, Ward 19, remodel first story for store; owner, Miss M. A. Murphy; builder, John Kelley.

Chicago, Ill.—Mrs. Lena Saupe, three-st'y addition, 205 North Ave.; cost, \$3,500.

St. Louis, Mo.—Brick addition to store and dwell.; cost, \$3,000; owner, E. W. Dette; contractor, J. F. Dette.

Toledo, O.—Fourteenth St., remodelling brick dwell. for Judge R. H. Cochran; cost, abt. \$2,500; builder, Jno. W. Lee; architects, Bacon & Huber.

APARTMENT-HOUSES.

Boston, Mass.—Cambria St., No. 27, Ward 11, three-st'y brick apartments, flat roof, 22' x 46'; owner and builder, Alden Avery.

Warren Ave., Nos. 15-17, Ward 17, five-st'y brick family hotel, flat roof, 50' x 59'; owner, Jonas G. Smith; builders, M. S. & G. N. Miller.

Brooklyn, N. Y.—Fifteenth St., s. s. 160' w. Seventh Ave., 5 three-st'y brick flats, tin roofs; cost, each, \$5,000; owner, H. H. Wood, 865 President St.; architect, A. E. White, 79 Third St.

Chicago, Ill.—M. M. Brown, 2 two-st'y flats, 4510-4512 Lake Ave.; cost, \$14,000.

M. Bellamy, two-st'y flats, 184 Jay St.; cost, \$3,000.

Henry Kueson, two-st'y flats, 385 North Lincoln St.; cost, \$3,300.

P. Sanders, four-st'y flats, 1314 Wabash Ave.; cost, \$10,000.

F. Srvitala, two-st'y flat, 684 Dickson St.; cost, \$4,000.

J. Stepenski, two-st'y flat, 681 Holt St.; cost, \$3,700.

F. A. Hoyes, 2 three-st'y flats, 422-424 Beldmar St.; cost, \$20,000.

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BUILDING INTELLIGENCE.

Bernhard Bekrens, two-st'y flat, 876 Shober St.; cost, \$3,000.

Nels. Johnson, two-st'y flat, 3633 Fifth Ave.; cost, \$3,000.

Thomas Munnix, two-st'y flats, 117 Frankfort Ave.; cost, \$2,200.

Lorenzo M. Martin, two-st'y flats, 1110 West Polk; cost, \$3,000.

Albert E. Cornish, three-st'y flat, 338 Hudson Ave.; cost, \$4,000.

Julius Pettkoski, four-st'y flat, 683 West Seventeenth St.; cost, \$10,000.

F. Magnusen, three-st'y flat, 195 Twenty-fourth Pl.; cost, \$5,500.

Olie Johnson, three-st'y flat, 388 Ohio St.; cost, \$6,000.

M. E. Baldwin, two-st'y flat, Wright and Seventy-sixth Sts.; cost, \$6,000.

P. J. Jennings, two-st'y flat, 477 Robey St.; cost, \$3,500.

H. Dunple, three-st'y flat, 241 Moore St.; cost, \$8,000.

A. A. Palm, three-st'y flat, 370 South Western Ave.; cost, \$5,000.

Charles Schultz, two-st'y flats, 122 Winter St.; cost, \$2,500.

John Fedder, two-st'y flats, 217 Rumsey St.; cost, \$2,500.

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E. C. Young, two-sty flat, 50 Bryant Ave.; cost, \$4,000.
Thomas Orton, 2 four-sty flats, 4153-4155 Ellis Ave.; cost, \$25,000.
Albert Keuffel, two-sty flat, 418 Calumet Ave.; cost, \$3,000.
Antone Janny, two-sty flat, 8752 Escanaba; cost, \$2,000.
Henry Wattman, 2 two-sty flats, 506-516 Francisco St.; cost, \$4,000.
C. Goodrich, three-sty flat, 311 West Jackson St.; cost, \$5,000.
P. Andrzejak, two-sty flat, 366 West Seventeenth St.; cost, \$3,000.
C. Branken, two-sty flat, Sixty-third St., near Morgan St.; cost, \$2,500.
D. S. Goodell, two-sty flats, Garfield Boulevard and La Salle Ave.; cost, \$2,500.
J. Roe, two-sty flat, 6723 South Halsted St.; cost, \$3,000.

Dorchester, Mass.—Dudley St., seven-sty face brick and brownstone apartment-house, 60' x 82', twenty-four apartments, freight and passenger elevators, hallways tiled, marble steps, steam or hot-water heating, all modern improvements, one large dining-room to be used by all the tenants, basement for servants and storage rooms; contracts to be let; architect, J. Merrill Brown, Boston.

New York, N. Y.—Fifth St., Nos. 715-721, 4 five-sty brick, stone and terra-cotta flats; owners, Selghard & Schaeffer; architect, Franklin Baylies.

Madison Ave., w s, bet. One Hundred and Sixth and One Hundred and Seventh Sts., 8 five-sty double flats; cost, \$160,000; owner, Hugh Brady; architect, Ed. Wenz.

One Hundred and Twenty-sixth St., s s, 200' e Boulevard, 9 five-sty brownstone flats; cost, \$165,000; owners, John & Ernest Beaudet; architect, Richard R. Davis.

Henry St., No. 172, six-sty brick flat, tin roof; cost, \$35,000; owner, Henry Pasinsky, 44 East Broadway; architects, Schneider & Hertor, 48 Bible House.

Forayth St., Nos. 119-121, 2 five-sty brick flats, tin roofs; cost, \$40,000; owners, Fay & Stacom, 357 Pleasant Ave.; architect, Charles Rentz, 153 Fourth Ave.

East Twenty-first St., Nos. 230-236, 4 five-sty brick

BUILDING INTELLIGENCE.

flats, tin roofs; cost, \$72,000; owner, Charles Ruff, 228 East Tenth St.; architects, Kurtzer & Rohl, cor. Seventh St. and Third Ave.

West One Hundred and Fifth St., Nos. 146-148, 2 five-sty brick flats, tin roofs; cost, \$42,000; owner, Sarah K. Evans, 30 Welling St., Astoria, N. Y.; architect, Charles Rentz, 153 Fourth Ave.

Birington St., Nos. 228-230, 2 five-sty brick flats, tin roofs; cost, \$40,000; owners, Fay & Stacom, 357 Pleasant Ave.; architect, Charles Rentz, 153 Fourth Ave.

Twenty-fourth St., No. 405, five-sty brick flat, tin roof; cost, \$20,000; owner, Edward McCann, 405 East Twenty-fourth St.; architect, Fred Ebeling, 3 First Ave.

West Twenty-first St., No. 33, five-sty brick flat, tin roof; cost, \$30,000; owner, Patrick Kelly, 33 West Twenty-first St.; architects, D. & J. Jardine, 1262 Broadway.

Eighty-second St., s s, 30' e Ninth Ave., 2 five-sty brick flats, tin roofs; cost, \$60,000; owner, Charles McDonald, 58 West Eighty-second St.; architects, Thom & Wilson, 1267 Broadway.

Eighty-second St., s e cor. Ninth Ave., five-sty brick flats, tin roofs; cost, \$45,000; owner, Charles McDonald, 58 West Eighty-second St.; architects, Thom & Wilson, 1267 Broadway.

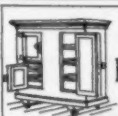
Sixty-seventh St., n s, commencing 175' e Tenth Ave., five-sty brick flat, tin roof; cost, \$18,000; owner, James McLaughlin, 140 West Sixty-seventh St.; architect, C. Steinmutter, 26 West Eighty-fifth St.

West Seventeenth St., Nos. 330-334, 3 five-sty brick flats, tin roofs; cost, \$57,000; owner, John Totten, 240 West Forty-ninth St.; architect, G. F. Pelham, 1481 Broadway.

West Thirty-eighth St., No. 421, five-sty brick flat, tin roof; cost, \$20,000; owner, Lucy A. Ledwith, 315 West Thirty-third St.; architects, Jordan & Gillies, 19 Park Pl.

CHURCHES.

Dorchester (Upham's Corner) Mass.—Hancock St. and Cushing Ave., stone church, 80' x 122', walls to be of pink granite from near Mt. Desert, Me., and brownstone trimmings for the Methodist Society; cost above grade level, \$40,000; builders, John G. Wolvin, stone-work; Mr. Laming, carpenter; other contracts to be let; architect, J. Merrill Brown, Boston.



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New York, N. Y.—East One Hundred and Twenty-third St., No. 221, brick and stone church; cost, \$16,000; owners, Carmel Baptist Church Society; architect, Henry F. Kilburn.

FACTORIES.

Boston, Mass.—Congress St., rear, near Sleeper St., Ward 13, two-sty frame factory, 25' x 100'; owners, Boston Wharf Co.

Brooklyn, N. Y.—Grand Ave., n e cor. St. Mark's Ave., four-sty brick hat factory now in course of erection, tin roof; four-sty brick extension, tin roof; cost, \$20,000; owner, E. M. Knox, Fulton St. and Broadway, New York; architect, B. Finken-sieper, 93 Broadway.

New York, N. Y.—Delancey St., s e cor. Suffolk St., six-sty brick factory, metal roof; cost, \$7,000; owner, Jeremiah J. Campion, 20 East Tenth St.; architects, Jno. B. Snook & Son, 12 Chamber St.

Southern Boulevard, n s, 100' e Lincoln Ave., five-sty brick factory, tin roof; cost, \$23,000; owner, Jno. B. Simpson, 12 West One Hundred and Twenty-ninth St.; architects, Jno. B. Snook & Son, 12 Chamber St.

East Twenty-sixth St., No. 402, three-sty brick and stone factory; owner, C. H. Schultz; architect, Edward E. Rahit.

HOUSES.

Baltimore, Md.—Peter Wilcox, 3 two-sty brick buildings, e s Wilcox St., bet. Eager and Chase Sts. Heise & Bruns, three-sty brick building, s w cor. Caroline St. and Canton Ave.

Geo. Guetter, 10 two-sty brick buildings, s s 17-ft. Alley, n Clement St., bet. Covington and Jackson Sts.

J. F. Carter, 3 two-sty brick buildings, e s Fremont St., bet. Clarke St. and Harlem Ave.
Aug. Hampson, 2 three-sty brick buildings, e s North Ave., e Linden Ave., and 3 three-sty brick buildings, e s Linden Ave., s North Ave.

Chas. Eareckson, 6 two-sty brick buildings, e s Bradford Alley, n Baltimore St.

Saml. Dobbleday, three-sty brick building, e s Fulton Ave., bet. Fremont and Winchester Sts.

T. W. Bedford, 6 three-sty brick buildings, e s St. Paul St., bet. Fifth St. and Huntington Ave.

Frances Denmead, 7 three-sty brick buildings, e s St. Paul St., bet. the boundary and First St.

Geo. A. & C. D. Blake, 9 three-sty brick buildings, s s Seventh St., bet. Maryland Ave. and Morton Alley.

Boston, Mass.—Walley St., June Beachmont Ave., Ward 1, frame dwell., 24' x 32'; owner, Mrs. M. A. Carr; builder, E. J. Turner.

Newman St., Nos. 76-78, Ward 15, 2 three-sty frame dwells., 18'6" x 35'; owner, P. Malone; builder, John McDonald.

Dorchester Ave., Nos. 1161-1163, Ward 24, 2 three-sty frame dwells., flat roofs, 20' x 37'; owner, C. E. Jackson; builder, B. P. Ricker.

Milton St., near Pleasant St., Ward 24, two frame dwells., 22' x 43'; owner, Catharine Sullivan; builder, John Bass.

Sterling St., Nos. 95-103, cor. Westminster St., Ward 19, 5 three-sty brick dwells., flat roofs, 20' x 40'; owner, N. M. Jewett; builders, Holmes Bros.

Washington St., No. 207, cor. Sterling St., Ward 19, four-sty brick dwell. and store, flat roof, 22.39' x 50'; owner, S. R. Baker.

Foster St., near Mt. Vernon St., Ward 25, two frame dwells., 21.6' x 50'; owner and builder, H. W. Baxter.

Kingdon St., Nos. 11-13, Ward 4, frame dwell., 21' x 41', flat roof; owner, M. Dyer, Jr.; builder, L. B. Jordan.

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Park St., No. 99, Ward 24, three-sty frame dwell., flat roof, 24' x 43.6'; owner, J. H. Gilbooly; builder, James Bass.

Hopkins St., near Corbett St., Ward 24, frame dwell., 23' x 43.6'; owner, Mrs. E. S. Ingalls; builder, M. H. Howard.

Walter St., near South St., Ward 23, frame dwell., 23' x 32.6'; owner, W. H. Devens; builder, D. McDonald.

Mather St., No. 33, Ward 24, frame dwell., 24.10' x 30.4'; owner, Mary L. Buhler; builder, W. A. Lent.

Glide St., near Minot St., Ward 24, frame dwell., 21' x 36.6'; owner and builder, B. C. Bowker.

Blue Hill Ave., Nos. 289-303, Ward 21, 4 four-sty brick dwells., flat roofs, 26' x 46'; owner, Patrick Kearns; builder, John Hannon.

Warwick St., Nos. 13-21, Ward 19, five brick dwells., 3 two-sty, flat roofs, 12.6' x 34'; and 2 three-sty, flat roofs, 13' x 46' and 15.9' x 40'; owner, R. T. Faine; builder, G. W. Pope.

Sheridan St., No. 20, Ward 23, frame dwell., 26' x 41'; owner, Mary A. Kelly; builder, W. Tobin.

Madison Ave., near Washington Ct., Ward 25, three-sty frame dwell., pitch roof, 24' x 30'; owner, T. Terenan.

Brooks St., cor. Orange St., Ward 23, frame dwell., 20' x 28'; owner, A. Oberacker; builder, A. Rogers.

Ballard St., near Custer St., Ward 23, three-sty frame dwell., hip roof, 23' x 40'; owner, Thomas Barrett; builder, D. Johnson.

Webster St., No. 257, Ward 2, three-sty frame dwell., flat roof, 23' x 47'; owner, Mrs. E. McKinley; builders, Hatt & Rogers.

Bock St., near Blue Hill Ave., Ward 24, frame dwell., 21' x 32'; owner, F. M. Proctor; builder, John Pecor.

Copley St., near Atherton St., Ward 23, frame dwell., 26.6' x 49'; owner, J. J. Hantz; builder, E. O. Goodwin.

Highland St., No. 186, Ward 21, three-sty frame dwell., flat roof, 22' x 48'; owner, L. Fein; builder, G. Merz.

Wordsworth St., near Pope St., Ward 1, frame dwell., 18.6' x 27'; owner, Margaret Sheehan; builder, E. J. Turner.

Thuring St., No. 16, Ward 21, frame dwell., 26' x 32'; owner and builder, J. B. Mulvey.

Bourer St., Nos. 42-44, Ward 21, 2 three-sty frame dwells., flat roofs, 22' x 40'; owner, J. F. Dempsey; builder, Valentine Bock.

Cottage St., near Webster St., Ward 2, 2 three-sty frame dwells., flat roofs, 22' x 44'; owner and builder, J. McCormick.

Prospect St., No. 13, cor. unnamed st., Ward 3, 4 three-sty frame dwells., flat roofs, 21' x 60'; owner and builder, W. Sullivan.

South St., No. 88, Ward 23, three-sty frame dwell. and store, pitch roof, 24' x 40'; owner, J. H. Lennon; builder, J. J. Flynn.

Milton Ave., near Norfolk St., Ward 24, frame dwell., hip roof, 27' x 36'; owner, J. H. Merriam; builders, Decker Bros.

Bellevue St., near Quincy St., Ward 24, frame dwell., 28.4' x 34.10'; owner, G. G. Baker; builders, Sullivan & Wallis.

Victoria St., No. 14, Ward 24, frame dwell., 26' x 39'; owner, W. H. M. Austin; builder, G. W. Hamilton.

Carolina Ave., cor. Carolina Pl., Ward 23, frame dwell., 25' x 40'; owner, James Murray; builders, Dame & Warner.

Ashmont St., near Ocean St., Ward 24, frame dwell., 30' x 38'; owner, Mary A. O. Currier; builders, C. A. Dearborn & Co.

Brent St., No. 14, Ward 24, frame dwell., 23' x 36'; owner and builder, W. Peard.

Brookline, Mass.—Near Longwood Station, frame dwell., 25' x 42.6'; owner, Charles Crosby; architect, J. Merrill Brown, Boston; builder, L. F. Lyon.

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Brooklyn, N. Y.—Fanchon Pl., e s. 145' n Jamaica Ave., 2 three-sty frame dwells., tin roofs; cost, each, \$6,000; owner, Caroline Burrow, 82 Ross St.; architect, A. J. Warren, Atlantic Ave.

Even St., e s. 25' n Stagg St., four-sty frame dwell., tin roof; cost, \$6,400; owner, Michael Weil, 139 Stagg St.; architect, John Platte, 235 Lynch St.

Stone Ave., w s. 225' n Dumont Ave., 2 two-sty frame dwells., tin and solder roofs; cost, each, \$2,500; owner, Mary E. Cook, Ridgewood Heights; architect, O. S. Totton, Eastern Parkway, near Hinsdale St.

Central Ave., n w cor. Eldert St., Central Ave., s w cor. Halsey St., Bushwick Ave., s w cor. Schaeffer St., 3 three-sty frame dwells., tin roofs; cost, each, \$4,500; owners and architects, Cozine & Gascoine, 1225 Bushwick Ave.

Market St., w s. 275' n Fulton Ave., two-sty and attic frame dwell., tin roof; cost, \$4,000; owner, Richard Kampfe, Shepherd Ave., near Glenmore Ave.; architect, Wm. Danmer, 2621 Atlantic Ave.

Herkimer St., s e cor. Louis Pl., 3 two-sty and basement frame dwells., tin roofs; cost, each, \$2,400; owner, Caspar Lucke, 1894 Chauncey St.; architect, Charles Infanger, 68 Van Sienlen Ave.

Melrose St., s s. 150' w Knickerbocker Ave., 3 three-sty frame dwells., tin roofs; total cost, \$13,000; owners, S. Wolf and F. Benjamin, 1154 Myrtle Ave.; architect, Th. Engelhardt, 905 Broadway.

Van Voorhis St., n s. 109' e Evergreen Ave., 6 two-sty and basement frame dwells., gravel roofs; cost, \$18,000; owner, Charles A. Newman, 753 Gates Ave.; architect, John L. Young, 287 Halsey St.

Hambury Ave., s e cor. Troutman Ave., 4 three-sty frame dwells., tin roofs; cost, each, \$4,000; owner and architect, John Rueger, 250 Moore St.

Jefferson St., s s. 325' e Bushwick Ave., 4 two-sty and basement frame dwells., tin roofs; cost, each, \$3,000; owner and architect, Robert B. Müller, 37 Cornelia St.

Delmonico Pl., No. 63, bet. Ellery St. and Park Ave., four-sty frame dwell., tin roof; cost, \$6,500; owner, J. Paif, 43 Graham Ave.; architect, Frank Holmberg, 1161 Broadway.

Macdonough St., n s. 100' e Ralph Ave., five brick dwells., 4 two-sty and basement, 1 two-and-one-half-sty and basement, tin roofs; cost, \$22,000; owner and architect, John R. Pitt, 624 Macon Pl.

South Fifth St., Nos. 336-338, 100' w Keap St., 2 three-sty brick dwells., tin roofs; cost, each, \$5,500; owner, Wm. Kohlmeier, 314 South First St.; architect, A. Herbert, 145 Broadway.

Nostrand Ave., s e cor. Crown St., 2 two-sty brick dwells., tin roofs; cost, each, \$2,500; owner, John J. Dreke; architects, Gray & Holske, 549 Herkimer St.

Macon Ave., n s. 400' e Ralph Ave., 5 two-sty and basement brick dwells., tin roofs; cost, each, \$3,500; owner, James Morgan, Rockaway St. and St. Mark's Ave.; architect, N. H. Raymond, 619 Battle St.

Fourth Ave., s w cor. President St., four-sty brick dwell., felt and gravel roof; cost, \$9,600; owner, W. Salvatore, 566 President St.; architect, F. Giborson, 44 Forty-first St.

Clinton St., e s. 100' Nelson St., four-sty brick dwell., tin roof; cost, \$7,000; owner and architect, J. Canfield, Hamilton Ave.

Grand Ave., e s. 55' s Pacific St., 2 four-sty brick dwells., 4 two-sty and gravel roofs; cost, each, \$4,500; owner, John Doyle, 1069 Fulton St.; architects, Anzi Hill & Son, 1151 Fulton St.

Hancock St., s s. 350' e Marcy Ave., 4 three-sty and basement brick dwells., tin roofs; cost, \$9,000; owners and builders, Wm. Reynolds & Son, 403 Jefferson Ave.; architect, J. D. Reynolds, 363 Fulton St.

Fulton St., n e cor. Sumner Ave., three-sty brick dwell., felt and gravel roof; cost, \$4,500; owner, August Emmie, Herkimer St., near Buffalo Ave.; architect, O. E. Hoffee, 34 Troy Ave.

Fifteenth St., n s. 80' w Fifth Ave., three-sty brick dwell., tin roof; cost, \$13,000; owner, Fred Brückbaum, 105 Rodney St.; architect, George Ingram, 357 Fulton St.

State St., No. 101, n s. 93' e Henry St., four-sty brick dwell. and extension, gravel roof; cost, \$12,000; owner and builder, Charles Collins; architect, J. G. Glover, 186 Remsen St.

BUILDING INTELLIGENCE.

Decatur St., n s. 345' e Throop Ave., 3 three-sty and basement brick dwells., tin roofs; total cost, \$19,500; owner and builder, Wm. Shirden, 216 Herkimer St.; architect, R. Van Brunt, 1287 Atlantic Ave.

Thirty-third St., n s. 280' e Third Ave., 5 three-sty frame dwells., tin roofs; total cost, \$21,000; owner, Henry Thompson, 409 Fifth Ave.; architects, J. D. Reynolds & Son, 363 Fulton St.

Bushwick Ave., w s. 306 s Greene Ave., two-sty frame dwell., tin roof; cost, \$6,500; owners, Jents & Schroeder, 1151 Broadway; architect, Frank Holmberg, 1161 Broadway.

Woodbine St., s s. 275' e Central Ave., two-sty frame dwell., tin roof; cost, \$3,000; owner and architect, R. B. Müller, 37 Cornelia St.

Van Voorhis St., s s. 235 e Central Ave., two-sty and attic frame dwell., tin roof; cost, \$4,000; owners, C. & L. Dehler, 141 Jefferson St.; architect, Th. Engelhardt, 905 Broadway.

Pennsylvania Ave., e s. 100' n Eastern Parkway, two-sty frame dwell., tin roof; cost, \$3,500; owner, George Leanderly, Central Ave., near Troutman St.; architect, D. Acker & Son, 752 Broadway.

Fifth Ave., n w cor. Seventeenth St., 5 three-sty frame dwells., tin roofs; cost, each, \$4,000; owner and architect, George Ingram, 357 Fulton St.

Elton St., w s. 125' n Ridgewood Ave., 2 two-sty and attic frame dwells., shingle roofs; cost, \$2,800; owners, J. Donaldson & A. Glen, Chestnut St. and Herkimer Ave.; architect, John Donaldson, Chestnut St. and Herkimer Ave.

Graham Ave., e s. 75' n Debevoise St., three-sty frame dwell., tin roof; cost, \$4,500; owner, M. Weber, 656 Broadway; architects, D. Acker & Son, 752 Broadway.

Fifty-fourth St., 325' w Third Ave., 2 two-sty and basement frame dwells., tin roofs; cost, each, \$2,500; owner, Fred A. Dunn, 113 Fifty-fifth St.; architects, H. L. Spicer & Sons, Third Ave. and Fifty-third St.

Rochester Ave., e s. 103' s Pacific St., 2 two-sty and basement frame dwells., gravel roofs; cost, each, \$2,000; owner, Joseph Hopkins, Jr., Bushwick Ave. and Pilling St.

Dean St., n s. 100' e Rochester Ave., 30 two-sty and basement frame dwells., gravel roofs; cost, each, \$2,000; owner, Joseph Hopkins, Jr., Bushwick Ave. and Pilling St.

Chicago, Ill.—F. Pompley, cottage, Addison Ave., near Southport Ave.; cost, \$11,000.

Jas. Ralston, two-sty dwell., 3817 Wabash Ave.; cost, \$5,000.

Christ. Lessing, three-sty dwell. and store, 1135 North Oakley Ave.; cost, \$4,000.

Robert McCall, two-sty dwell., 1185 Trumbull St.; cost, \$1,800.

Walter Johnson, three-sty dwell., 4712 Langley Ave.; cost, \$8,000.

J. A. Meeker, two-sty dwell., 4636 Champlain St.; cost, \$3,500.

Nels Rasmussen, two-sty dwell., Seventy-sixth St., near Adams Ave.; cost, \$1,000.

A. W. Rockner, two-sty dwell., 4227 Indiana Ave.; cost, \$5,000.

G. C. Muesch, two-sty dwell. and store, Western Ave., near Fifty-second St.; cost, \$2,790.

Nell & Mahnka, two-sty dwell., 639 Garfield Bld.; cost, \$5,700.

T. F. Burns, 2 two-sty dwells., 5428-5430 Atlantic St.; cost, \$3,000.

J. Campbell, two-sty dwell., 7353 School St.; cost, \$2,500.

A. C. Ronell, one-sty cottage, 6508 Drexel Ave.; cost, \$2,000.

Wm. Miller, two-sty dwell., 5315 Wabash Ave.; cost, \$2,500.

Mary J. Brake, 2 two-sty dwells., Dickey St., near Sixty-ninth St.; cost, \$2,400.

Aug. Wexelberg, two-sty dwell., Yale and Seventy-third St.; cost, \$3,000.

Mrs. Jennie McEwen, two-sty dwell., Stewart Ave., near Seventy-first St.; cost, \$3,500.

M. Wolzke, two-sty dwell., Superior St., near Eighty-third St.; cost, \$1,400.

D. A. Hollman, three-sty dwell. and store, Sixty-first and May Sts.; cost, \$3,000.

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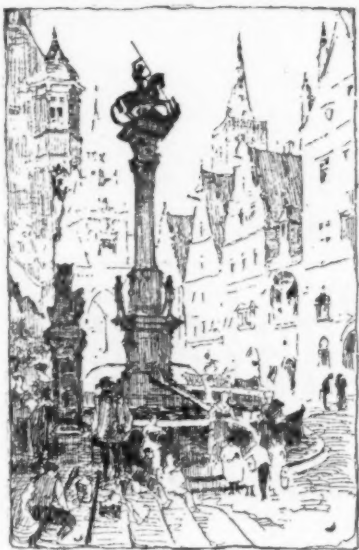
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Robert Marshall, cottage, St. Lawrence Ave.; cost, \$1,000.
Jacob Orp, cottage, 719 Graceland Ave.; cost, \$1,000.
E. Tillotson, four-st'y dwell., 1916 Wellington St.; cost, \$15,000.
J. C. Clark, 4 two-st'y dwells., Lawrence Ave.; cost, \$7,000.
J. J. Hayes, 3 one-st'y cottages, Pacific Ave.; cost, \$2,400.
J. P. Trenter, two-st'y dwell., 591 Walnut St.; cost, \$3,000.
John Manning, two-st'y dwell. and barn, 400 Orchard St.; cost, \$2,500.
A. Mackintosh, 3 two-st'y dwells., 124-128 Forty-seventh St.; cost, \$16,000.
A. Weigelbaum, two-st'y dwell., 891 Turner Ave.; cost, \$3,500.
George Straight, three-st'y dwell., 4564 Oakwald St.; cost, \$5,000.
N. F. Pierce, three-st'y dwell., 460 Bowen Ave.; cost, \$3,500.
L. H. McCormick, 9 two-st'y dwells., Berkely and Forty-fourth Sts.; cost, \$45,000.
Chas. J. Johnson, two-st'y dwell., 7612 Bond Ave.; cost, \$3,500.
Herman Fleischfresser, two-st'y dwell., 309 Armata Ave.; cost, \$3,000.
A. A. Palm, three-st'y dwell., 370 South Western Ave.; cost, \$5,000.
Cincinnati, O.—A. M. Beeckley, double two-and-one-half-st'y dwell., Kinney Ave.; cost, \$7,000; architect, W. W. Franklin.
Jno. G. Dinklebilin, double two-and-one-half-st'y dwell., Park Ave.; cost, \$8,500; architect, L. F. Plympton.
Frank A. Schulz, two-and-one-half-st'y dwell., Grand Ave.; cost, \$3,000; architects, Ring & Marty.
Miss Ellen Hayes, two-and-one-half-st'y dwell., Considine Ave.; cost, \$3,800; architect, W. W. Franklin.
A. L. McCormick, two-and-one-half-st'y dwell., Woodburn Ave.; cost, \$3,600; architect, C. H. Payne.
Mrs. M. A. Beahr, two-and-one-half-st'y dwell., Woodward St.; cost, \$5,000; architect, L. F. Plympton.
J. B. Foraker, two-and-one-half-st'y dwell., Cemetery St., Walnut Hills; cost, \$8,500; architects, Crapney & Brown.
T. S. Harlow, double two-and-one-half-st'y dwell., Kenton and Wilkinson Sts.; cost, \$3,000; architect, Theo. Richter.
Edw. Stafford, two-and-one-half-st'y dwell., Hawthorne St.; cost, \$3,000; architect, D. W. Bellville.
Ben. F. Hamm, two-and-one-half-st'y dwell., Woodburn Ave.; cost, \$7,000; architect, J. B. Harlow.

BUILDING INTELLIGENCE.

Justus J. Gaus, cellar for dwell., Vine St.; cost, \$7,500; architect, Wm. Miller, Jr.
Detroit, Mich.—R. Bell, double brick dwell., 290-92 Fourth St.; cost, \$5,000.
Beaton Building Co., double brick dwell., 294-96 Fourth St.; cost, \$5,000.
Wm. Sauer, double brick dwell. and store, 18-20 Gratiot Ave.; cost, \$4,500.
Minneapolis, Minn.—W. H. H. Stalberd, two-st'y frame dwell., 2924 Clerden Ave.; cost, \$3,000.
P. L. Tostevin, two-st'y frame dwell., 2834 Fifth Ave., s; cost, \$4,000.
Chas. H. Capron, two-st'y frame dwell., 5624 Forty-fourth Ave., n; cost, \$4,000.
A. Z. Cowles, two-st'y frame dwell., 3300 Park Ave.; cost, \$5,000.
F. E. Griswold, two-st'y frame dwell., 107-109 Island Ave.; cost, \$5,000.
Helen M. Chase, two-st'y frame dwell., 3447 Washington Ave., n; cost, \$3,000.
Erick Bricklau, two-st'y frame dwell., 3336 Seven-and-one-half Ave., s; cost, \$4,500.
C. F. Waru, 2 two-st'y frame dwells., 3324-3328 Chicago Ave.; cost, \$6,000.
Newtonville, Mass.—Lowell St., two frame dwells., each, 36' x 40'; owners and builders, Messrs. Higgins & Nickerson; architect, J. Merrill Brown, Boston.
New York, N. Y.—Ninety-third St., s s, 70' e Madison Ave., 3 three-st'y brick dwells., tin roof; cost, \$36,000; owner, Walter Reid, 1472 Third Ave.; architects, A. B. Ogden & Son, 1631 Madison Ave.
Eightieth St., s s, 105' e Tenth Ave., 7 four-st'y brick dwells., tin roofs; cost, \$161,000; owner, Bernard S. Levy, 121 West Seventy-eighth St.
West One Hundred and Twenty-fifth St., No. 166, three-st'y brick dwell., tin roof; cost, \$19,000; owner, George Hillen, 38 East Fourteenth St.; architect, Wm. H. Hume, 2 West Fourteenth St.
Greenwich St., No. 544, two-st'y brick dwell., tin roof; cost, \$5,000; owner, Wm. E. Dodge, 262 Madison Ave.; architects, J. C. Cady & Co., 111 Broadway.
Hamilton Pl., e s, 24' 11" s One Hundred and Forty-second St., 5 three-st'y brick dwells., tin roofs; cost, \$50,000; owner, Mary E. Stevens, 608 West One Hundred and Forty-seventh St.; architect, Mark S. Stevens, 608 West One Hundred and Forty-seventh St.
Park Ave., e s, 100' 8" n Ninety-second St., 3 three-st'y brick dwells., tin roofs; cost, \$12,000; owner, Sarah E. Thain, 231 East Eighty-seventh St.; architect, Frank Wennemer, 204 East Eighty-sixth St.
West One Hundred and Twenty-second St., No. 131, three-st'y brick dwell., tin roof; cost, \$20,000; owner, Geo. W. McAdam, 51 Chamber St.; archi-

BUILDING INTELLIGENCE.

tect, Julius Franke, 127 West One Hundred and Twenty-second St.
North Cambridge, Mass.—Walnut Ave., three-st'y frame dwell., 35' x 65'; owner, E. M. Niles; contract to be let; architect, J. Merrill Brown, Boston.
Providence, R. I.—Rockland Ave., frame dwell.; cost, \$3,000; owner, Adelaide E. Swallow; builder, A. C. J. Learned.
Reducing St., frame dwell.; cost, \$5,000; owner, H. E. Nickerson; builders, L. Mathewson & Son.
Young Orchard Ave., two frame dwells.; cost, \$4,200 each; owner, Joseph Banigan; builder, Thos. W. Barry.
Villa Ave., frame dwell.; owner, Thos. F. Milne; builder, J. K. Harris.
Comstock Ave., frame dwell.; cost, \$3,500; owner, Michael Gorman.
Concord St., two frame dwells.; owner, T. W. Hedley.
Webster and North Davis Sts. and Chalkstone Ave., 3 frame dwells.; cost, \$2,500 each; owner, Owen Campbell.
Beacon St., two frame dwells.; owner, Mrs. L. N. Fish.
Wesleyan Ave., frame dwell.; owner, Fred A. Devoll.
Point St., frame dwell.; cost, \$4,000; owners, Trundean & Collins; builders, J. B. Le Clerc & Co.
Somerville, Mass.—Highland Ave., near Central St., frame dwell., 27' x 45'; owner, Lyman B. Rich; builder, Jesse S. Rich.
Summer St., cor. Belmont St., frame dwell., 21' x 26', with L. 13' x 16'; owner, Solomon S. Higgins; builder, Robert H. Colluppy.
Marion St., double frame dwell., 44' x 55'; owner, H. C. Holt; builder, Thos. Kencham.
Meacham St., thirty frame dwells., each, 25' x 28'; owners, Edward T. Harrington & Co.; builder, Joseph W. Brown.
Merriam St., frame dwell., 28.6' x 30'; owner, Michael Murphy; builder, Sylvester Woods.
Hudson St., near Central St., frame dwell., 24' x 28', with L. 8' x 15'; owner and builder, Arthur W. Berry.
Covell Ave., frame dwell., 22' x 28', with L. 8' x 18'; owner, Mrs. Walker; builder, Ingram B. Phinney.
Court St., off Broadway, near School St., frame dwell., 35' x 42', with L. 8' x 12'; owner, Mrs. Laura E. Briggs.
Medford St., cor. Lee St., frame dwell., 24' x 29', with L. 14' x 17'; owner, Annie L. Fletcher; builder, Dr. W. K. Fletcher.

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Perth St., from James St. to Walnut St., block of eight frame dwells., 22' x 30', with L's, 12'6" x 30'; owner and builder, Chas. W. Nickerson.

Albion St., two frame dwells., 22' x 27', with L's, 6' x 10'; owners and builders, Gould & Murray.

Temple St., cor. Jacques St., 2 two and three st' frame blocks of houses, each, 47' x 65'; owner, John J. Dorey.

Cherry St., frame dwell., 22' x 40'; owner and builder, John Coon.

Dickinson St., two frame dwells., 22' x 30' with L's, 14' x 18'; owner and builder, James Elston.

Summit St., cor. Dillingham St., frame dwell., 26'6" x 37'; owner and builder, Joseph Miller.

Elm St., near William St., frame dwell., 26'6" x 37'; owner and builder, Joseph Miller.

Hudson St., two frame dwells., each, 22' x 27', with L's, 6' x 10'; owners and builders, Gould & Murray.

Bonair St., No. 15, frame dwell., 26' x 26'; owner and builder, Marion O. Royce.

Rosmore St., block of two frame dwells., 42' x 43'; owner, Sarah E. Kidder; builder, Wm. J. McLean.

Chandler St., frame dwell., 25' x 30'; owner and builder, Jason E. Herrick.

Nashua St., seven frame dwells., each, 20' x 26'; owner and builder, J. W. Wilbur.

Putnam St., three frame dwells., 30' x 40'; owner and builder, G. W. Lawson.

Springfield, Mass.—W. H. Dexter, three frame dwells.; builder, S. Provost.

St. Louis, Mo.—Two-st' brick dwell.; cost, \$2,900; owner, H. Herman; contractors, E. Wind & Co.

Two-st' brick dwell.; cost, \$3,000; owner, E. Wind; contractors, E. Wind & Co.

Three-st' brick dwell. and store; cost, \$3,000; owner, F. Beck; contractor, M. Frederick.

Three-st' brick dwell.; cost, \$3,800; owner, M. J. Smith; contractors, E. Wind & Co.

Three-st' brick dwell.; cost, \$14,000; owners and contractors, Stewart & Sturgeon Real Estate Co.

Two-st' brick dwell.; cost, \$14,000; owners and contractors, Stewart & Sturgeon Real Estate Co.

Three-st' brick dwell.; cost, \$5,500; owner, W. Hannet; contractor, C. Kiekenbaum.

Two two-st' brick dwells.; cost, \$10,000; owner, W. Kaye; sub-let.

Two-st' frame dwell.; cost, \$3,000; owner, R. L. Biskup; sub-let.

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Three-st' brick dwell. and store; cost, \$6,000; owner, J. Mitchell; contractor, A. Wieden.

Two-st' brick dwell.; cost, \$3,500; owner, C. Miller; contractor, R. J. Lloyd.

Two-st' brick dwell.; cost, \$5,000; owner, Mrs. M. Prange; contractor, F. W. Giese.

Three-st' brick dwell.; cost, \$12,000; owner, F. J. Gallagher; builder, M. Connelly.

Two-st' brick dwell.; cost, \$3,500; owner and contractor, Eli Addings.

Two-st' brick dwell.; cost, \$2,700; owner, A. Kayser; contractor, Wm. Klute.

Two-st' brick dwell.; cost, \$25,000; owners and contractors, G. W. & E. C. Pipe.

Two-st' brick dwell.; cost, \$2,500; owner, G. Kuhlman.

Two-st' brick dwell.; cost, \$5,000; owner and contractor, A. Buhlinger.

Three-st' brick dwell. and store; cost, \$4,500; owner, J. M. Ghio; contractor, H. R. Becker.

Two-st' brick dwell.; cost, \$3,800; owner, Mary Kennedy; contractors, Kelly & Lawton.

Two-st' brick dwell. and store; cost, \$5,000; owners and contractors, Nicolson Bros.

Two-st' brick dwell.; cost, \$12,000; owner, C. W. Isaacs; contractor, D. Evans.

Two-st' brick dwell.; cost, \$7,400; owner, W. J. Gilbert; contractors, H. Bussey & Co.

Two-st' brick dwell.; cost, \$2,500; owner, B. Johnson; contractors, Johnson & Brown.

Two-st' brick dwell.; cost, \$16,000; owner, G. R. Jones; contractors, Goesse & Remmers.

Two-st' brick dwell. and store; cost, \$2,600; owner and contractor, J. Volk.

Two-st' and mansard brick dwell.; cost, \$5,000; owner, J. Maninon; contractor, P. Mulcahy.

St. Paul, Minn.—J. D. Forepaugh, two-and-one-half-st' frame dwell., Exchange St., near Walnut St.; cost, \$10,000.

Dr. A. M. Wharton, two-and-one-half-st' frame dwell., Summit Ave., near Milton Ave.; cost, \$16,000.

A. H. Haas, two-st' frame dwell., Osceola St., near Victoria St.; cost, \$10,000.

Wm. Baer, two-st' double dwell., Robert St., near Wood St.; cost, \$12,000.

C. Plutch, two-st' brick veneer double dwell., Laford St., near Arundel St.; cost, \$11,000.

John E. Williams, three-st' double dwell., Holly Ave., near Kent St.; cost, \$16,000.

SCHOOL-HOUSES.

Brooklyn, N. Y.—Bushwick Ave., s w s, 72' e Jeffer-

BUILDING INTELLIGENCE.

son St., three-st' brick school, tin roof; cost, \$20,600; owner, St. Mark's Evangelical Lutheran Church, 72 Jefferson St.; architect, Th. Engelhardt, 905 Broadway.

New York, N. Y.—West Forty-fourth St., Nos. 18-24, four-st' fireproof brick school-building and armory in connection with the Berkeley School, Dr. Jno. S. White, President.

STABLES.

Boston, Mass.—Chiswick Rd., rear, near Elm Ave., Ward 25, frame stable, 25' x 32'; owner, J. T. Brown; builder, W. H. Sturtevant.

Beech St., near Kittredge St., Ward 23, frame stable, 20' x 30'; owner and builder, F. Riedell.

Chicago, Ill.—Kate D. Kimball, two-st' barn, 5620 Woodlawn Ave.; cost, \$2,000.

R. S. Elder, two-st' barn, Evanston Ave., near Oakland Ave.; cost, \$1,000.

Somerville, Mass.—Oliver St., No. 42, frame stable for three horses, 25' x 30'; owner, Albert Cole; builder, Elisha Grant.

STORES.

Chicago, Ill.—Wm. Curran, 3 one-st' stores, 103-107 Lincoln St.; cost, \$3,500.

John Barry, three-st' store and flats, 710 West Twenty-first St.; cost, \$7,500.

M. Kaulbach, three-st' store and flats, 1073 Fulton St.; cost, \$4,000.

John Ward, three-st' store and flats, 521 Thirty-fifth St.; cost, \$5,000.

J. S. Thomas, three-st' store, flats and hall, 686 Thirty-first St.; cost, \$11,000.

W. S. Berkowsky, 4 two-st' store and flats, 1, 2, 3 and 4 Front St.; cost, \$18,000.

Aug. Wainholt, three-st' store and flats, 407 West North Ave.; cost, \$1,000.

New York, N. Y.—Greenwich St., No. 801, six-st' brick store, tin roof; cost, \$12,000; owner, Alva S. Reynolds, 246 West Twelfth St.; architect, Chas. Bentz, 153 Fourth Ave.

Broadway, No. 716, six-st' brick store; cost, \$75,000; owner, Jacob Scholle, 32 Broad St.; architect, Alfred Zucker, 346 Broadway.

Hudson St., e s, bet. Gansevoort and West Thirteenth St., six-st' brick store, gravel roof; cost, \$90,000; owner, John S. Kennedy, 6 West Fifty-seventh St.; architects, Rowe & Baker, 10 West Twenty-third St.

TENEMENT-HOUSES.

New York, N. Y.—Eighty-third St., n s, 74' e Avenue A, five-st' brick tenement, tin roof; cost, \$14,000; owners, Geo. & J. Schreimer, 512 East

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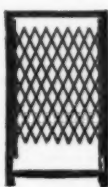
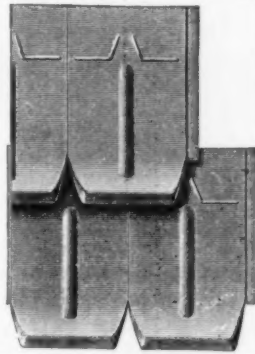
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BUILDING INTELLIGENCE.

Eighty-fourth St.; architect, Edward Wenz, 1491 Third Ave.

Eighty-fourth St., s. s. 73' e Avenue A, five-st'y brick tenement, tin roof; cost, \$14,000; owners, Geo. & J. Schreiner, 512 East Eighty-fourth St.; architect, Edward Wenz, 1491 Third Ave.

Eighty-fifth St., s. s. 348' e Avenue A, 6 five-st'y brick tenements, tin roofs; cost, \$140,000; owners, Geo. & J. Schreiner, 512 East Eighty-fourth St.; architect, Edward Wenz, 1491 Third Ave.

WAREHOUSES.

Chicago, Ill.—N. Metzner, two-st'y warehouse, 326 North Lincoln St.; cost, \$6,000.

New York, N. Y.—Prince St., Nos. 115-121, 3 six-st'y iron front warehouses; owner, F. A. Seltz; architects, Cleverdon & Putzel.

Bleeker St., s. w. cor. Mercer St., ten-st'y fire-proof warehouse; cost, \$400,000; owner, Mrs. Rachel Cornfield.

MISCELLANEOUS.

Boston, Mass.—Cambria St., No. 29, Ward 11, three st'y brick storage, flat roof, 22' x 71'; owner and builder, Alden Avery.

Rogers Ave., near Ruggles St., Ward 22, one-st'y storage, flat roof, 25' x 25'; owners, O. C. R. R. Co.; builder, J. A. Folsom.

Chauvin St., Nos. 74-76, Ward 10, six-st'y brick mercantile building, flat roof, 23.62' x 86.39'; owner, W. W. Story; builders, McNeil Bros.

Bedford St., No. 88, Ward 10, five-st'y brick mercantile building, flat roof, 20' x 40'; owner, D. W. Cheever; builder, C. K. Morgan.

Chicago, Ill.—Lehigh Valley Transportation Co., freight-house, North Water St. and the river; cost, \$25,000.

F. Hendrickson, basement, 3629 La Salle Ave.; cost, \$2,500.

W. T. Thackeray & Co., one and two st'y laboratory, Milwaukee Ave. and Prairie St.; cost, \$2,000.

W. T. Thackeray & Co., laboratory, Milwaukee Ave. and Prairie St.; cost, \$2,000.

St. Louis, Mo.—Two-st'y brick bottling-house; cost, \$5,900; owners, St. Louis Bwg. Assn.; contractor, J. Schenk.

PROPOSALS.

April 21, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock p. m. on the 14th day of May, 1890, for all the labor and materials required to put in place complete all the copper-work of skylight over post-office working room and of ceiling over arcade in the United States Court-House and Post-Office building at Pittsburgh, Pa., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time fixed for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. JAS. H. WINDRIM, Supervising Architect.

PROPOSALS FOR SUPPLIES. Office of Light-House Engineer, Third District, Tompkinsville, N. Y., April 21, 1890. Sealed proposals will be received at this office until 12 o'clock m. on Saturday, the 10th day of May, 1890, for furnishing miscellaneous articles for the Light-House establishment. The articles

PROPOSALS.

needed consist of twenty-one numbered lots, embracing, respectively, charcoal, coke and Cumberland coal, building material, engineers' supplies, hardware, tools, etc., iron and steel, belting, graphite paints, etc., lumber, boiler-covering, plate-glass, galvanized and Russia sheet-iron, tin, solder, sheet zinc and iron wire, sheet brass, composition, brass and nickel castings, bells, acids, iron castings, sheet-iron smoke-stacks for boilers, electro-plating supplies, electrical supplies, shooks for oil supply-boxes and miscellaneous articles, all of which are enumerated in the specifications attached to the form of bid, which may be obtained on application to this office. Samples may be seen or information obtained at this office concerning any article not sufficiently described in the specifications. Bids will be received for one or more numbered lots complete. The right is reserved to reject any or all bids, to strike out any item or items in the specifications, and to waive any defects. D. P. HEAP, Major of Engineers, U. S. A., Engineer Third Light-House District.

April 16, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock p. m. on the 13th day of May, 1890, for all the labor and material required to fix in place complete the low-temperature, hot-water heating and ventilating apparatus for the United States Post-Office, etc., building at Springfield, Ohio, in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$200. The Department will reject all bids received after the time fixed for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. JAS. H. WINDRIM, Supervising Architect.

April 14, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock p. m. on the 13th day of May, 1890, for all the labor and materials required to put in place all the gas-piping in the United States Custom-house, etc., building at Galveston, Tex., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time fixed for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. JAMES H. WINDRIM, Supervising Architect.

April 15, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock p. m. on the 15th day of May, 1890, for all the labor and materials required to fix in place complete a low-pressure, steam heating and mechanical ventilating apparatus for the United States Court-house and Post-office building at Montpelier, Vt., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time fixed for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. JAMES H. WINDRIM, Supervising Architect.

April 10, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock p. m. on

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PROPOSALS.

the 2d day of May, 1890, for furnishing and fixing in place complete the cast and wrought iron cover for northeast main vent-shaft, the hot-water heater, with all hot-water supply, circulating and cold-water supply-pipe connections, the exhaust piping from all elevator-pumps, live and exhaust steam-coils for the different vent-shafts, the lowering of roof of large Emerson ventilators, the wrought-iron doors for main vent-shaft, tank alarms, traps, piping, equalizing pipes for boilers, etc., for the United States Post-Office and Court-House building at Baltimore, Md., 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. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time fixed for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. JAS. H. WINDRIM, Supervising Architect.

April 18, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock p. m. on the 16th day of May, 1890, for all the labor and materials required to erect and complete the surgeon's house for United States Quarantine Reservation at Delaware Breakwater, Delaware, in accordance with drawing and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time fixed for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. JAS. H. WINDRIM, Supervising Architect.

IRON, ETC.

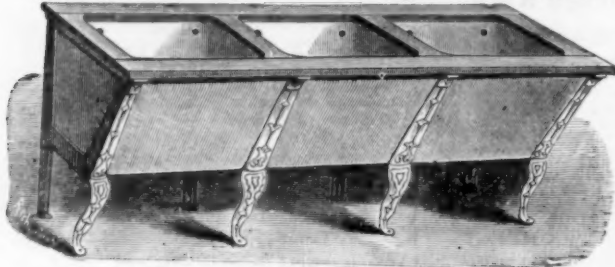
[At New York, N. Y.]

March 26, 1890.

Sealed proposals, indorsed "Proposals for Iron, etc., for the New York Navy Yard, to be opened April 29, 1890," will be received at the Bureau of Provisions and Clothing, Navy Department, Washington, D. C., until 12 o'clock, noon, April 29, 1890, and publicly opened immediately thereafter, to furnish at the New York Navy Yard, 8,000 pounds wrought-iron, 6,000 pounds wrought-iron nuts, also a quantity of paints, etc.

The articles must conform to the Navy standard and pass the usual naval inspection.

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PROPOSALS.

Blank proposals will be furnished upon application to the Commandant of the Navy Yard, the Navy Pay-office, New York, or to the Bureau.

Tie-bids decided by lot.

The Department reserves the right to reject any or all bids not deemed advantageous to the Government.

748

GEO. DEWEY,
Acting Chief of Bureau.

HEADSTONES.

[At New York, N. Y.]

ARMY BUILDING, WHITEHALL STREET, }
New York, N. Y., April 1, 1890. }

Sealed proposals, in triplicate, subject to the usual conditions, will be received at this office until 12 o'clock, noon, May 2, 1890, at which time and place they will be opened in the presence of bidders, for furnishing 10,000 (subject to an increase or decrease of 20 per cent) American white marble headstones, in slabs.

The Government reserves the right to reject any or all proposals or to accept, as will be most advantageous to the Department.

Preference will be given to articles of domestic production or manufacture, conditions of quality and price (including in the price of foreign productions and manufactures the duty thereon) being equal.

Specifications, blanks and information as to bidding, etc., will be furnished by this office on application.

Envelopes containing proposals should be marked, "Proposals for Headstones," and addressed to

R. N. BATCHELDER,
Deputy Quartermaster-General, U. S. Army.

748

PROPOSALS.

LUMBER, PAINTS, ETC.

[At Annapolis, Md.]

March 29, 1890.

Sealed proposals, indorsed "Proposals for Lumber, Paints, etc., for the United States Naval Academy, Annapolis, Md., to be opened April 29, 1890," will be received at the Bureau of Provisions and Clothing, Navy Department, Washington, D. C., until 12 o'clock, noon, April 29, 1890, and publicly opened thereafter, to furnish at the United States Naval Academy, Annapolis, Md., a quantity of lumber, paints, etc.

The articles must conform to the Navy standard and pass the usual naval inspection.

Blank proposals will be furnished upon application to the Superintendent of the United States Naval Academy, Annapolis, Md., or to the Bureau.

Tie-bids decided by lot.

The Department reserves the right to reject any or all bids not deemed advantageous to the Government.

THOS. J. LASIER,
Acting Chief of Bureau.

748

BUILDING MATERIAL.

[At Newport, R. I.]

NEWPORT, R. I., March 31, 1890.

Sealed proposals, indorsed "Proposals for Building Material for the United States Naval Torpedo Station, Newport, R. I., to be opened April 29, 1890," will be received at the Bureau of Provisions and Clothing, Navy Department, Washington, D. C., until 12 o'clock, noon, April 29, 1890, and publicly opened immediately thereafter, to furnish at the United States Naval Torpedo Station, Newport, R. I., a quantity of lime, cement, lumber, paints, etc.

COL. GEORGE E. WARING, JR., C. E. etc., in his recent work on Sewerage and Land Drainage, in speaking of traps liable to siphonage, says: "the best remedy would be to supply the defective traps at their summits with McClellan's Mercury Seal-Trap Vent, a perfectly safe device, of little cost, simple and easy of application, and sure to supply air when needed."



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The articles must in all cases conform to the Navy standard, and pass the usual naval inspection.

Blank proposals will be furnished on application to the commanding officer of the United States Torpedo Station, Newport, R. I., or to the Bureau.

Tie-bids decided by lot.

The Department reserves the right to waive defects or to reject any or all bids not deemed advantageous to the Government.

THOS. J. LASIER,
Acting Chief of Bureau.

748

HEATING APPARATUS.

[At Brooklyn, N. Y.]

NAVY DEPARTMENT, }

BUREAU OF MEDICINE AND SURGERY, }

WASHINGTON, D. C., April 1, 1890. }

Sealed proposals, in duplicate, are hereby invited, and will be received at this office until 11 o'clock A. M. on Thursday, May 1, 1890, at which time and place they will be opened in the presence of attending bidders, for repairs and addition to steam-heating apparatus at Naval Hospital, Brooklyn, N. Y., in accordance with plans and specifications, which may be seen at the Naval Hospital, Brooklyn, N. Y., where copies of specifications, with blank forms of proposal, can be obtained.

Proposals must be enclosed in sealed envelopes, marked "Proposal for Repairs and Addition to Steam-heating apparatus at Naval Hospital, Brooklyn, N. Y.," and addressed to the Chief of the Bureau of Medicine and Surgery, Navy Department, Washington.

The right is reserved to waive defects in form and to reject any or all bids.

J. MILLS BROWNE,
Surgeon-General, Chief of Bureau.

748

IRON-WORK.

[At New Orleans, La.]

OFFICE OF THE LIGHT-HOUSE ENGINEER, }

SEVENTH AND EIGHTH DISTRICTS, }

NEW ORLEANS, LA., April 1, 1890. }

Proposals will be received at this office until 12 o'clock, noon, of Tuesday, the 20th day of April, 1890, for furnishing the materials and labor of all kinds necessary for the completion and delivery of the metal-work for the Front Beacon for the Head of the Passes Range-Lights, Louisiana.

Plans, specifications, forms of proposals and other information may be had on application to this office.

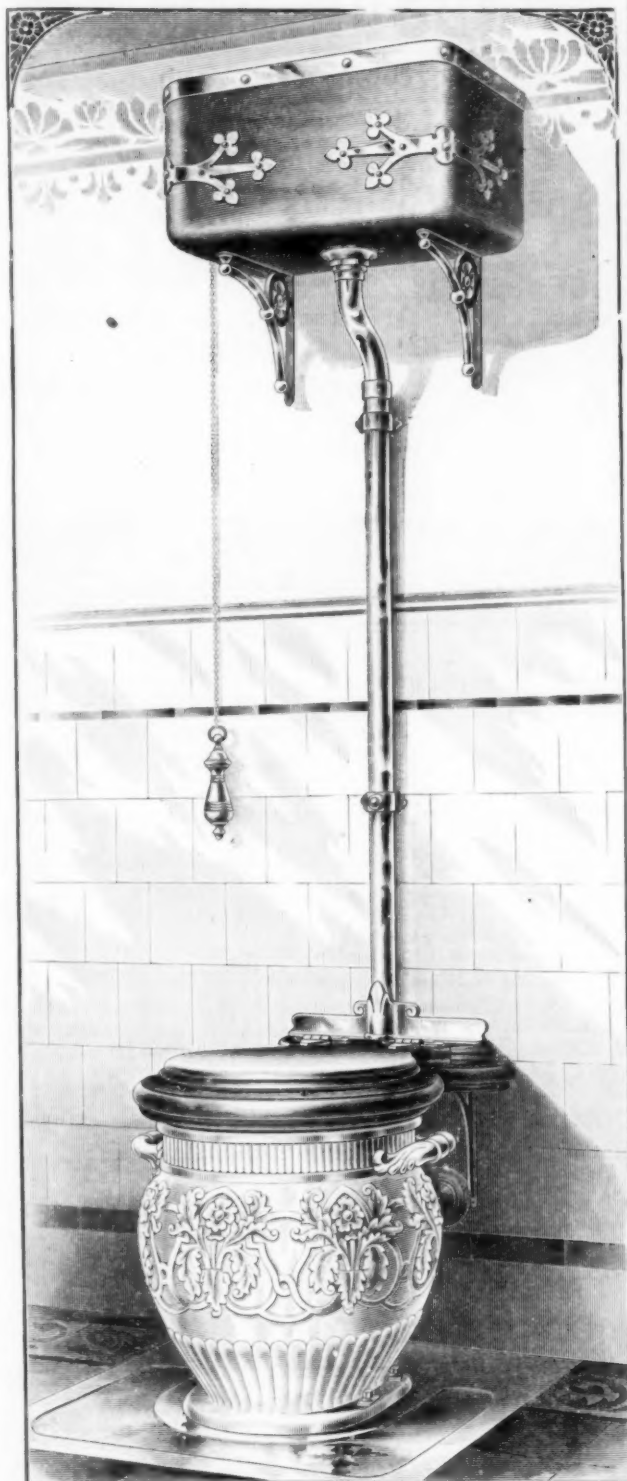
The right is reserved to reject any or all bids and to waive any defects.

W. L. FISK,
Captain of Engineers, U. S. Army, Light-House Engineer, Seventh and Eighth Districts.

748

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[See Alphabetical Index on page VII for Pagination.]

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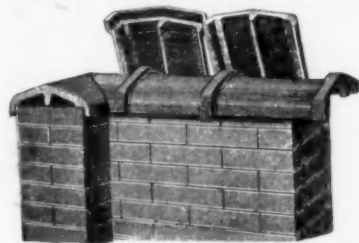
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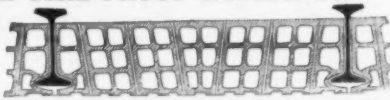
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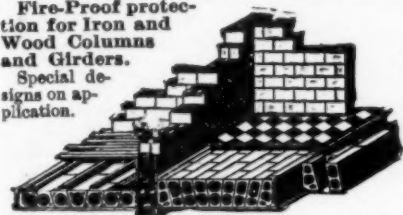
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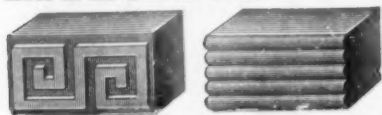
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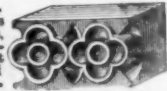
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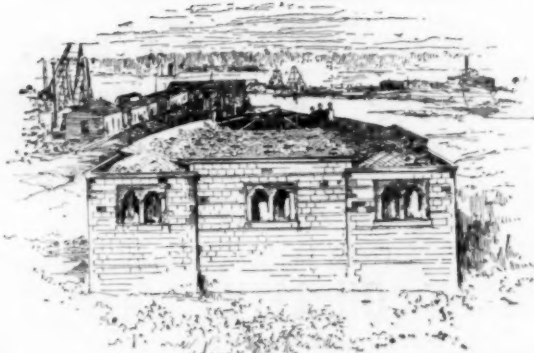
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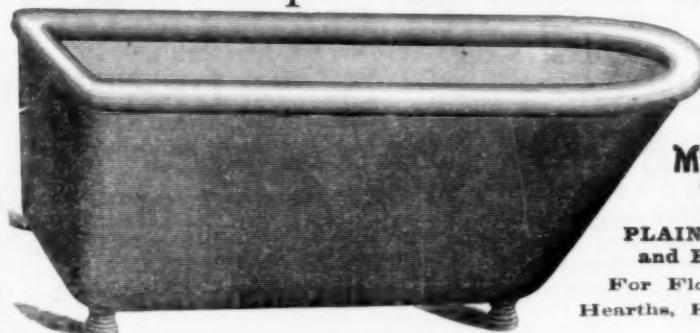
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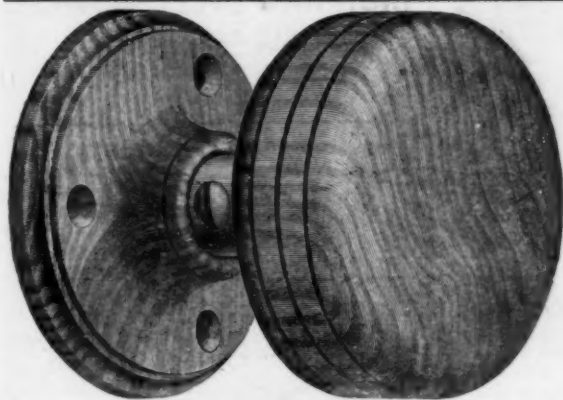
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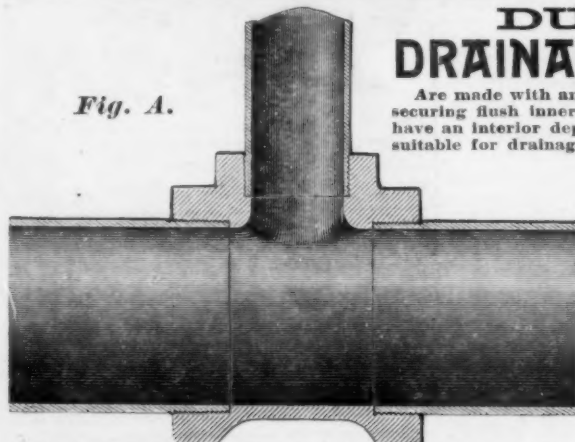
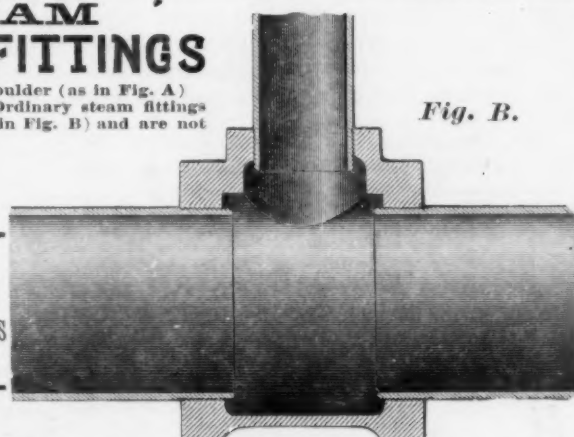


Fig. B.



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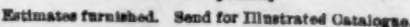
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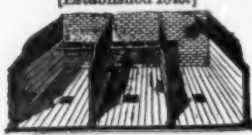
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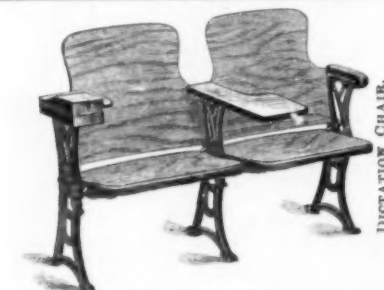
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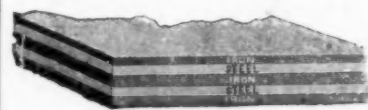
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Rockland and Rockport, finish.....	@ 1 30		1 00 bulk, 75c.	
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State, com. cargo rates (nom.).....	@ 1 10	Not sold.	Not sold.	
State, finishing.....	1 20 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	Not sold.
Plaster of Paris (canceled).....	1 30 @ 1 35	25 @ 30	1 75 @ 1 90	1 50 @ 2 25
" (casing).....	12 @ 15	30 @ 35	30 @ 35	1 75 @ 2 50
Hair (Oattle) & bush.....	22 @ 25	1 75 @ 1 90	30 @ 35	30 @ 35
" (Goat).....	1 00 @ 1 25		@ 60	@ 1 50
Sand, & load.....				
STONE. (P. cubic foot, rough.)				
Granite: (Maine).....	45 @ 1 25	@ 60		55 @ 60
Limestone:	@ 1 00	55 @ 1 00	50 @ 55	75 @ 90
Bedford.....			35 @ 60	75 @ 1 50
Joliet.....				4 50 @ 5 00
Lemon.....				
Serpentine.....				

10 50 per ton

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Colorific p. lb.				
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White p. lb.				
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Dimension		5 00 p. ton	200	5 00
Block		4 80 p. perch		1 45 2 50
Rubble		1 25 1 50	8 50	
Stonestone (p. sq. ft.)	30 50 5 00	40 1 75	75 1 00	1 in. th. 10 25
Sidewalk	50 6 00	75	50 1 00	37 60
Planned				
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. emb. ft.	55 1 00
Amherst	90 1 00	80 90	45 50	
Berea	75 1 00	80 90	45 50	
Berlin	75 1 00	80 90	55 65	
Belleville	80 1 25	1 25 1 35	1 25	1 10 1
New Brunswick (Dorchester)	1 00	75 90		1 00 1
Can.	1 05	2 00		1 25 1
Carlisle	1 05	1 05		95 1
Corse Hill (Scotch)	1 05	1 05		
Marble				
Lee, Mass.	1 25 1 75	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		2 00	3 50 6 00	1 70 3 00
Glens Falls, black			Not sold.	4 00 4 50
Italian, blue-veined			Not sold.	2 50 2 75
Sienna			Not sold.	4 00 6 00
Tennessee, red			Not sold.	3 00 4 00
Knoxville			Not sold.	2 00 3 00
Pennsylvania, blue			3 50 6 00	2 25 3 00
Vermont, white				
Slates: 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	3 25 4 00
Chapman			7 30 8 00	4 00 4 65
Unfading Black, Monson, Me.	5 50 8 00	5 50 8 0	6 00 9 00	5 50 8 00
Tile, Am.			Not sold.	6 00 25 00
N. Peach Bottom, warranted unfading				6 00 6 75
PAINTS. (In oil, p. lb.)				
White lead, Am.	7 74	7 74	6 7	7
Zinc	5 84	5 84	7 10 1/2	7
Red lead, Am.	6 10 1/2	7 12	6 10 1/2	7
Venetian	6 10 1/2	7 12	6 10 1/2	7
Vermilion	6 10 1/2	7 12	6 10 1/2	7
Red Indian, Eng.	6 10 1/2	7 12	6 10 1/2	7
Yellow Ochre	6 10 1/2	7 12	6 10 1/2	7
Chrome	6 10 1/2	7 12	6 10 1/2	7
Green (chrome)	6 10 1/2	7 12	6 10 1/2	7
Green, Paris	6 10 1/2	7 12	6 10 1/2	7
Black, lamp	6 10 1/2	7 12	6 10 1/2	7
Blue, ultramarine	6 10 1/2	7 12	6 10 1/2	7
Oil, linseed, (raw)	6 10 1/2	7 12	6 10 1/2	7
boiled	6 10 1/2	7 12	6 10 1/2	7
Turpentine	6 10 1/2	7 12	6 10 1/2	7
Varnish, coach	6 10 1/2	7 12	6 10 1/2	7
Shellac	6 10 1/2	7 12	6 10 1/2	7
Putty	6 10 1/2	7 12	6 10 1/2	7
Whiting	6 10 1/2	7 12	6 10 1/2	7
Paris white, (Eng.)	6 10 1/2	7 12	6 10 1/2	7
Litharge, Am.	6 10 1/2	7 12	6 10 1/2	7
Sienna (burnt)	6 10 1/2	7 12	6 10 1/2	7
Umber	6 10 1/2	7 12	6 10 1/2	7
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Nails: (Per Cask.) Spikes, (sawed.)	2 85	2 30	2 75 3 00	2 25
10d. common	2 60	2 50	2 45	2 30
Shingle	3 35	3 70	2 85	2 60
Lath	4 85		3 75	3 60
Finishing nails according to size.			Add .85 to \$1.15	per lb 4 6
(For casing nails add 75c. per keg.)			50 to .90	Add per cask 2 90 (all kinds.)
Platts: 4"x4"				
Plain	1 00	1 20	90	1 35 2 00
Japanned	1 50	1 75	Not sold.	1 35 2 75
Acorn, Japanned	1 50	1 90	2 00 2 75	48 50
Ball Tip, Boston Finish	55	50	Not sold.	1 25
Bronze metal	1 90	1 65	2 00 3 25	1 00
Brass (no supboards)	10	10	12	35
Ebony				37 1 00
Apple wood				
Mineral, best	8	8	8 10	8 08
Lava	Not sold	17 33	65 80	Not sold.
Homacite	30	10	31 40	25 50
Porcelain	Not sold	50	35 30	1 00 2 50
Glass, solid	Not sold	88 1 00	Not sold.	1 75 2 00
Glass, silvered	75 2 00	50 3 00	50 3 00	50 3 50
Bronze metal	100 2 50	50 3 00	1 00 3 00	75 1 25
Brass			13 16	13 16
Solder:				
Sheet Lead		6 1/2	7	6 6
Lead Pipe			6 1/2	
Iron:				
I-Beams, up to and including 30 ft.	3 8-10 34	3 1-10	3 20 3 70	2 8-10
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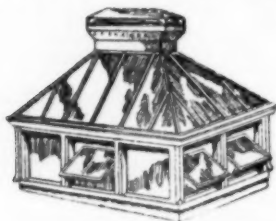
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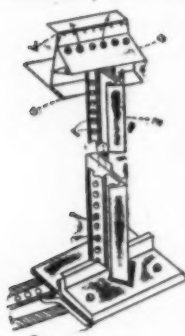
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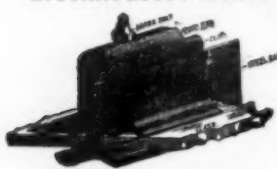
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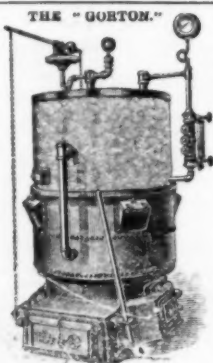
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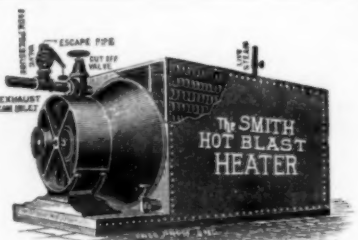
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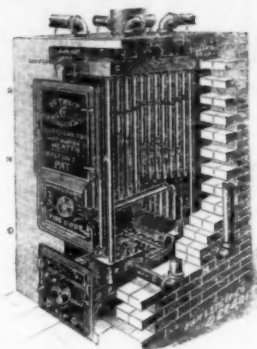


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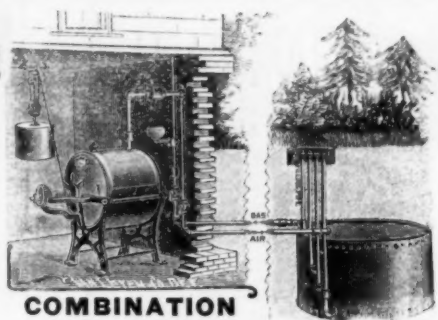
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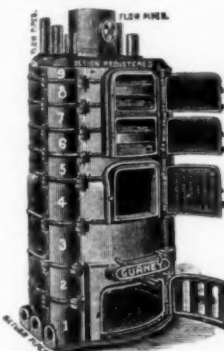
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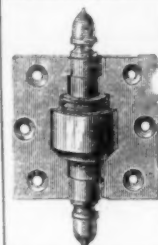
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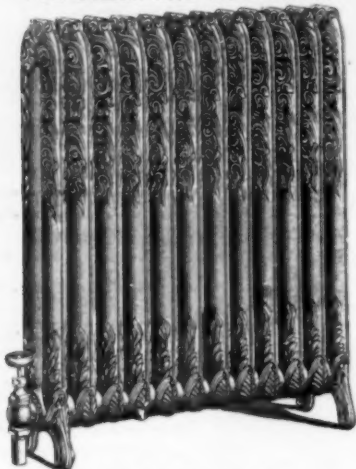
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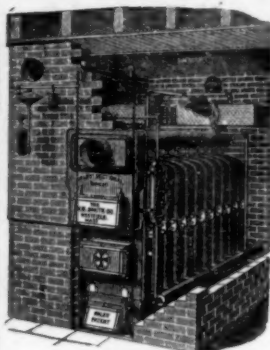
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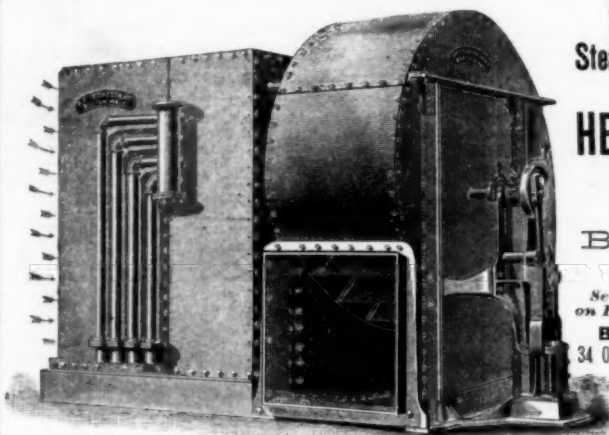
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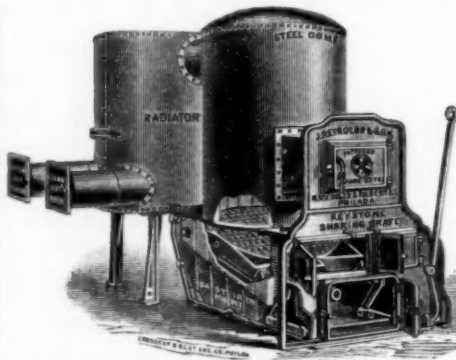
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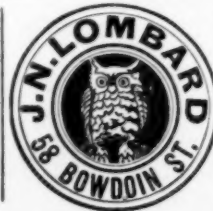
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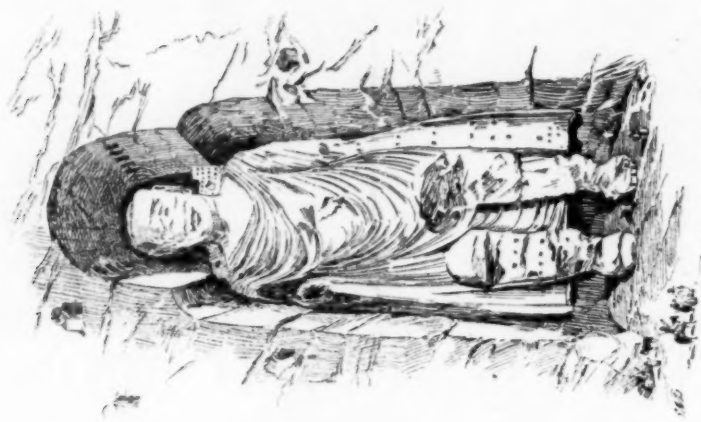
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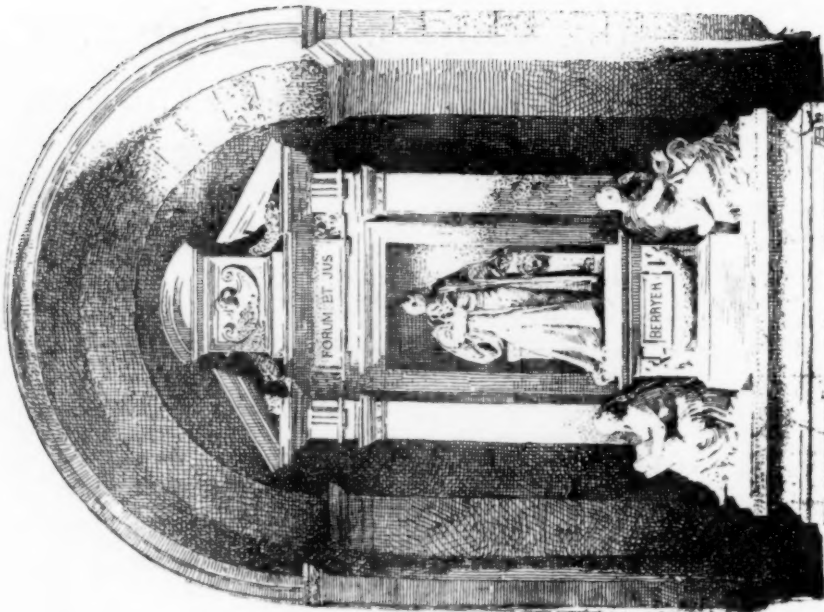
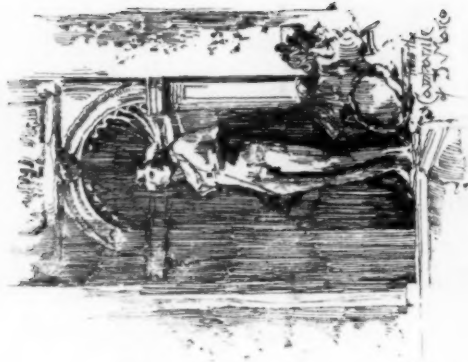
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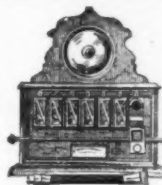
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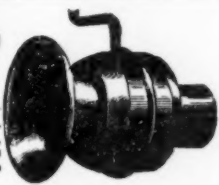
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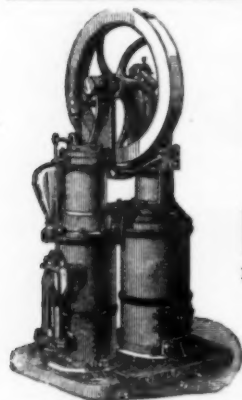
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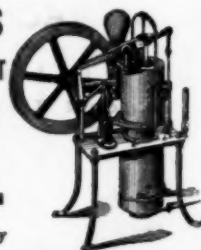
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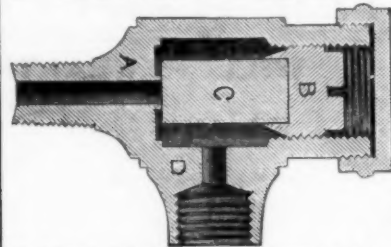
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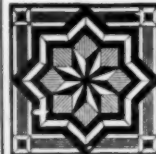
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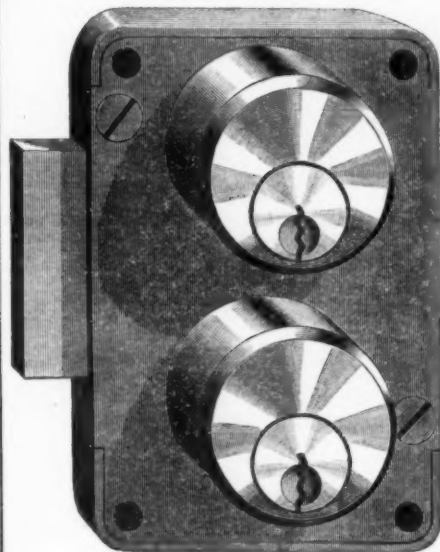
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BUILDING INTELLIGENCE.

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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.—Lagrange St., No. 44, Ward 10, remodel first floor brick mercantile building; owner, J. L. Little estate; builder, T. B. Blake.
 Harrison Ave., No. 254, Ward 12, remodel store front; owner, C. C. Barton; builder, Geo. W. Pope.
 New Britain, Conn.—Addition to State Normal School; cost, \$25,000; architect, J. D. Roberts; mason, C. E. Hiels.

Springfield, Mass.—Water Board Building, brick addition and alteration; cost, \$3,000; architect, F. S. Newman; contractor, P. Besten.

APARTMENT-HOUSES.

Boston, Mass.—Falmouth St., Ward 11, 4 four-st'y brick apartments, flat roofs, 21' x 54'; owner, W. Henderson; builder, G. W. Adams.

Richmond, Va.—Apartment-house, "The Denham"; architect, M. J. Dimmock.

CHURCHES.

Richmond, Va.—Grove Ave. Baptist Church, church; architect, M. J. Dimmock.

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See last or next issue for the following advertisements.

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BUILDING INTELLIGENCE.

Venable St. Baptist Church, church; architect, M. J. Dimmock.

HOUSES.

Boston, Mass.—Washington St., No. 1010, Ward 24, frame dwell., 24' x 24'; owner and builder, M. Crowley.
 Newbury St., No. 176, Ward 11, four-st'y brick

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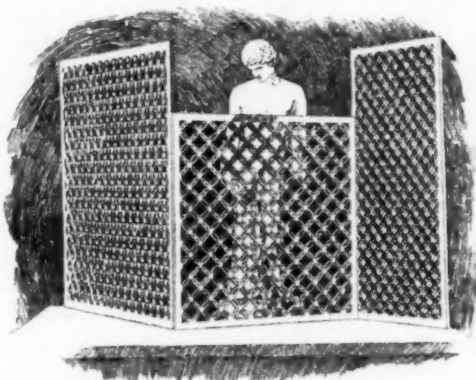
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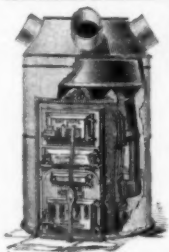
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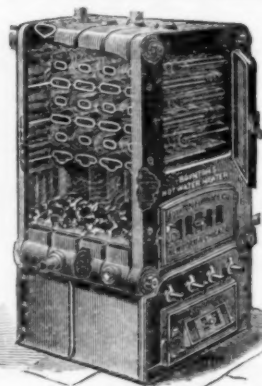
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Philadelphia, Pa.—Russell St., n. s. e. Kensington Ave., one-st'y office; owner, John Furth, 2516 North Fifth St.

Richlands, Va.—Three-st'y stone and frame office-building, shingle roof; builders, Bondurant & Crawford, Liberty, Va.

SCHOOL-HOUSES.

Grand Rapids, Mich.—Two-st'y, six-room brick school-house for the St. Adelbertus Polish Church Society; cost, abt. \$9,000; contracts not let; architect, W. G. Robinson.

STABLES.

Boston, Mass.—Norfolk Ave., rear, cor. Cottage St., Ward 20, two-st'y frame stable, pitch roof, 21' x 40'; owner, Anna K. Ives.

Chicago, Ill.—Johnson estate, two-st'y livery-stables, 2230-2236 Indiana Ave.; cost, \$6,000.

East Brewster (Cape Cod), Mass.—Stone and frame stable, 36' x 94'; owner, R. C. Nickerson, Chicago; builder, M. C. Waterhouse, Bourne, Mass.; architects, Franz E. Cerrahn and A. M. Marble, Boston.

New York, N. Y.—Ninetieth St., s. s. 159' 10 1/2' e. Riverside Drive, two-st'y brick stable, peak tin roof; cost, \$6,800; owner, Charles H. Phelps, 1464 Broadway; architect, A. Namur, 202 West One Hundred and Twenty-ninth St.

Water St., No. 638, two-st'y brick stable, tin roof; cost, \$4,000; owner, William Lane, 188-190 Division St.; architect, Frederick Jenth, 191 Forsyth St.

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Philadelphia, Pa.—Mickle St., n. s. ab. Fourth St., two-st'y brick stable; owner, Chas. W. Rifford.

York St., w. Second St., two-st'y frame stable; owner, J. Oscar Nicholls, 901 North Second St.

Hibberton St., s. s. w. Twentieth St., three-st'y stable; contractors, B. Ketchum & Son, 1029 Brown St.

Upsal St., s. s. w. Jefferson St., one-st'y stable; owner, John Owens, 124 East Upsal St.

Sixty-first St., w. s. e. Columbia Ave., one-st'y stable; contractor, John Berner, 557 North Fifth St.

League St., e. Twenty-third St., two-st'y stable; contractors, Tauts & McLaughlin, 317 Cook St.

Carlisle St., No. 1609, two-st'y stable; contractor, C. G. Henderson, 1424 Columbia St.

STORES.

Boston, Mass.—Tremont St., next south of Tremont House, Ward 10, one-st'y brick store, flat roof, 29.3' x 36.6'; owner, F. L. Ames; builders, D. H. Jacobs & Son.

TENEMENT-HOUSES.

Boston, Mass.—Thacher St., cor. Prince St., Ward 7, four-st'y brick tenement and store, flat roof, 2.26' x 53'; owner, Michael Slattery; builder, John Kelley.

THEATRES.

Lexington, Mo.—The plans are being drawn for a new three-st'y opera-house on Franklin St.; seating-capacity, 1,000; architect, Albert Blitz.

WAREHOUSES.

Minneapolis, Minn.—Henry & Balch, five-st'y brick warehouse, 126-128 Third St., n. e.; cost, \$2,800.

MISCELLANEOUS.

Minneapolis, Minn.—G. H. Fremont, one-st'y dry-house, Fifteenth Ave., n. e., near Harrison St., n. e.; cost, \$3,000.

J. A. Hilliker, two-st'y brick commission house, 118-120 North First St.; cost, \$8,500.

New York, N. Y.—Forty-third St., 300' w. Fifth Ave.,

BUILDING INTELLIGENCE.

the Racquet Club have selected the designs of Cyrus L. W. Fidlitz for their new house; cost, \$275,000.

Philadelphia, Pa.—Caldwell St., w. s. e. Columbia Ave., one-st'y boiler-house; contractors, John Kramer & Son, 1314 North Front St.

Walter St., n. s. w. Sixteenth St., one-st'y shop; contractor, A. B. Nichols, 128 North Sixteenth St.

Richmond St., e. s. n. Allegheny Ave., 2 two-st'y dry-houses; owner, S. B. MacDowell, 2144 North Twentieth St.

St. Louis, Mo.—Two-st'y brick boiler-house; cost, \$3,000; owners, St. Louis Bwg. Assn.; sub-let.

St. Paul, Minn.—Two-st'y brick fire engine-house, Bedford St., near Beaumont St.; cost, \$14,000.

J. T. McMillan, frame pork packing-house, St. Clair St., near Forbes St.; cost, \$9,000.

Toledo, O.—The competition for the Toledo Club building, participated in by Architects D. L. Stine, E. O. Fallis & Co. and Bacon & Huber, D. L. Stine was the successful aspirant, the commission being awarded to him March 12. The cost of the structure is limited to \$40,000, exclusive of any furnishings. The drawings submitted by Mr. Stine are justly complimented. The building is to be three stories high above basement, kitchen, laundry, etc., to be in top story, and billiard-room, barber-shop and heating apparatus in the basement. Brown-stone in rock-face random-work is contemplated for the superstructure. The plans are being perfected, and bids will be received at an early day.

Competitive drawings for the proposed Pythian Castle in this city were received by the Building Committee on March 28. The competitors were E. O. Fallis & Co., L. G. Welker and Bacon & Huber. The last-named firm received the majority of votes, and their plans were adopted. This building will be four stories high. The first two stories will be devoted to business purposes, the third and fourth principally to the uses of the Order. The material for the exterior will be Ohio sandstone and brick. It is intended to keep the cost of the structure at about \$40,000.

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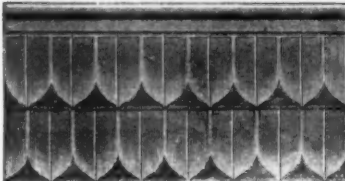
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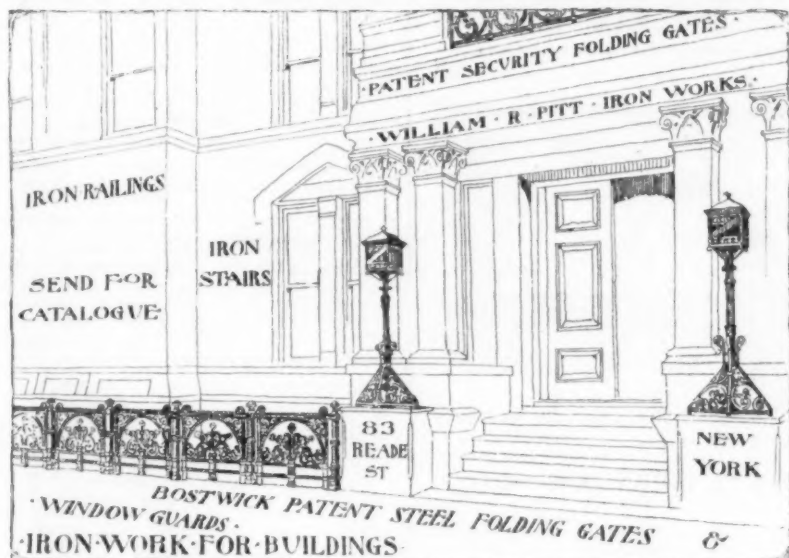
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Roofs, Columns, etc.**PROPOSALS.**April 18, 1890. Sealed proposals will be received at
the office of the Supervising Architect, Treasury De-
partment, Washington, D. C., until 2 o'clock p. m. on
the 16th day of May, 1890, for all the labor and mate-
rials required to erect and complete the surgeon's
house for United States Quarantine Reservation at
Delaware Breakwater, Delaware, in accordance with
drawing and specification, copies of which may be
had on application at this office or the office of the
Superintendent. Each bid must be accompanied by a
certified check for \$100. The Department will reject
all bids received after the time fixed for opening the
same; also, bids which do not comply strictly with all
the requirements of this invitation. **JAS. H. WIN-
DRIM,** Supervising Architect.
749April 16, 1890. Sealed proposals will be received at
the office of the Supervising Architect, Treasury
Department, Washington, D. C., until 2 o'clock p. m.
on the 13th day of May, 1890, for all the labor and
material required to fix in place complete the low-
temperature, hot-water heating and ventilating ap-**PROPOSALS.****YELLOW PINE.**[At Washington, D. C.]
April 18, 1890.Sealed proposals, indorsed "Proposals for Lumber
for the Washington Navy Yard, to be opened May 22,
1890," will be received at the Bureau of Provisions
and Clothing, Navy Department, Washington, D. C.,
until 12 o'clock, noon, May 22, 1890, and publicly
opened immediately thereafter, to furnish at the
Washington Navy Yard a quantity of white and yellow
pine, white lead, nails, etc.All of the above articles must conform to the Navy
standard and pass the usual naval inspection.Blank proposals will be furnished upon application
to the Commandant of the Navy Yard, Washington,
D. C., or to the Bureau.The Department reserves the right to reject any or
all bids not deemed advantageous to the Government.**THOS. H. LOOKER,**
Paymaster General, U. S. Navy.

751

PINK FLOORING, ETC.[At Richmond, Va.]
CITY ENGINEER'S OFFICE, }
RICHMOND, VA., April 22, 1890, }Sealed proposals will be received at this office till
Monday, May 19th next, at 6 o'clock p. m., for
furnishing dressed and delivered at the building, pine-
wood flooring and inside oak finish for the new City-
Hall, in accordance with plans, specifications and
drawings on file at this office.Bidders will furnish samples of the material, show-
ing quality and finish of the work they propose to do,
and will state within what time the work will be com-
menced and finished.Bids will be received separately for the pine floor-
ing and for the oak finish.The Committee on Grounds and Buildings reserves
the right to reject any and all bids.**W. E. CUTSHAW,**
City Engineer.

749

HOSPITAL.

[At Fort Reno, Ind. T.]

HEADQUARTERS DEPARTMENT OF THE MISSOURI, }
OFFICE OF THE CHIEF QUARTERMASTER, }

FORT LEAVENWORTH, KAN., April 16, 1890, }

Sealed proposals, in triplicate, subject to the usual
conditions, will be received at this office and at the
office of the Post Quartermaster at Fort Reno, Ind.
T., until 12 o'clock, noon, central standard
time, on Friday, May 16, 1890, and then opened
in the presence of bidders, for furnishing material**PROPOSALS.**and labor required in the construction and completion
of a regulation 24-bed hospital, plumbing and steam-
heating for same, at Fort Reno, Ind. T.Preference will be given to articles of domestic pro-
duction or manufacture, conditions of quality and
price (including in the price of foreign productions or
manufacturers the duty thereon) being equal.Full information will be given, and plans and
specifications can be seen at this office or at the office
of the Post Quartermaster, Fort Reno, Ind. T.The Government reserves the right to reject any or
all bids, or any part thereof, and to waive defects.Envelopes containing proposals should be marked
"Proposals for a Hospital, or for Plumbing, or for
Steam Heating for Hospital, as the case may be at
Fort Reno, Ind. T.," and addressed to the under-
signed, or to the Post Quartermaster, Fort Reno,
Ind. T.**C. W. FOSTER,**
Quartermaster, U. S. Army, Chief Quartermaster.

749

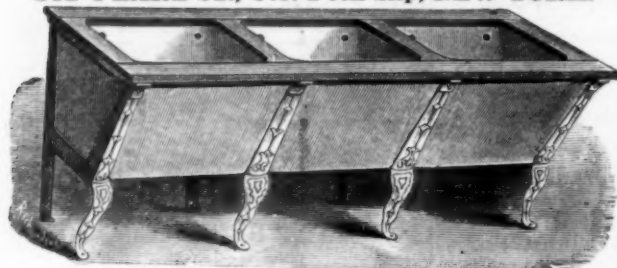
April 23, 1890. Sealed proposals will be received at
the office of the Supervising Architect, Treasury De-
partment, Washington, D. C., until 2 o'clock p. m., on
the 26th day of May, 1890, for the several branches of
labor and materials required for the erection and
completion of the United States Post-Office, Custom-
House, etc., building at Camden, N. J. (except heat-
ing apparatus), including approaches, in strict ac-
cordance with the drawings and specification, copies
of which may be had on application at this office or
the office of the Superintendent. Each bid for each
branch of the work must be accompanied by a certi-
fied check for \$100. The Department will reject all
bids received after the time fixed for opening the
same; also, bids which do not comply strictly with all
the requirements of this invitation. **JAS. H. WIN-
DRIM,** Supervising Architect.
750April 28, 1890. 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 May, 1890, for all the labor and mate-
rials required for the approaches to the United States
Post-Office, Court-House, etc., building at Manches-
ter, N. H., in accordance with the drawings and spec-
ifications, copies of which may be had on application at
this office or the office of the Superintendent. Each
bid must be accompanied by a certified check for \$100.
The Department will reject all bids received after the
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paratus for the United States Post-Office, etc., building at Springfield, Ohio, in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$200. The Department will reject all bids received after the time fixed for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. JAS. H. WINDRIM, Supervising Architect.

749

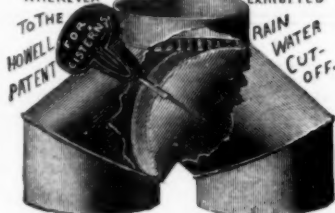
April 21, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 14th day of May, 1890, for all the labor and materials required to put in place complete all the copper-work of skylight over post-office working-room and of ceiling over arcade in the United States Court-House and Post-Office building at Pittsburgh, Pa., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time fixed for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. JAS. H. WINDRIM, Supervising Architect.

749

PROPOSALS FOR SUPPLIES. Office of Light-House Engineer, Third District, Tompkinsville, N. Y., April 21, 1890. Sealed proposals will be received at this office until 12 o'clock M., on Saturday, the 10th day of May, 1890, for furnishing miscellaneous articles for the Light-House establishment. The articles needed consist of twenty-one numbered lots, embracing, respectively, charcoal, coke and Cumberland coal, building material, engineers' supplies, hardware,

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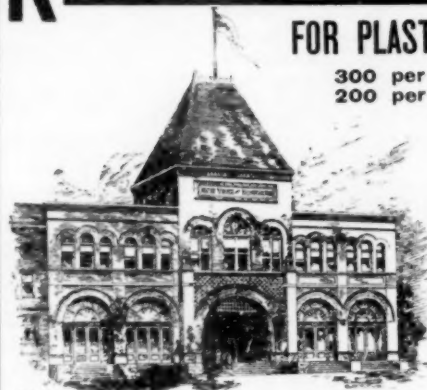
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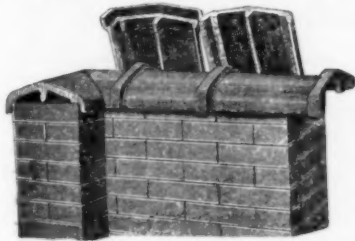
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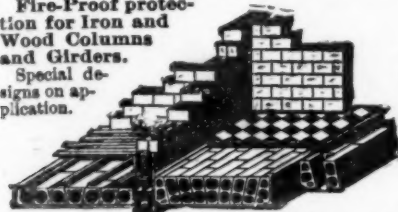
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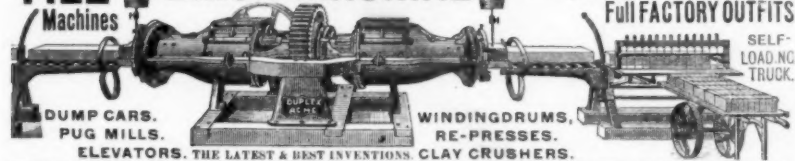
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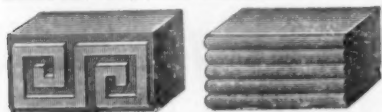
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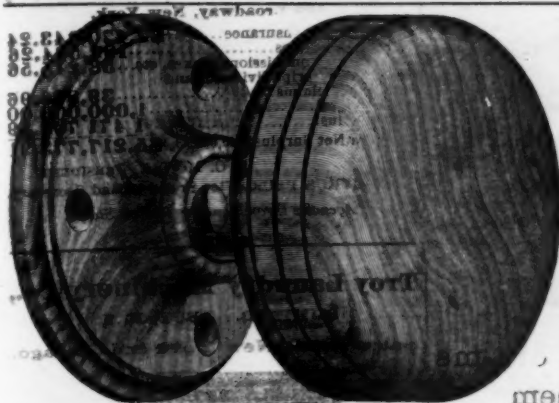
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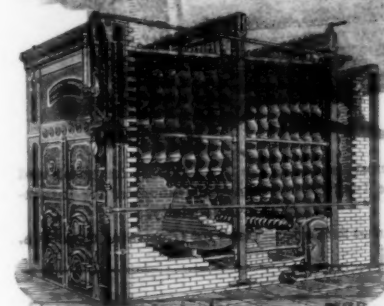
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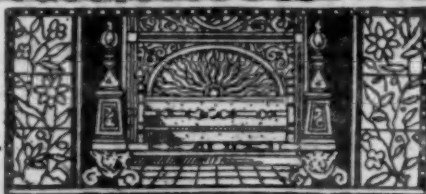
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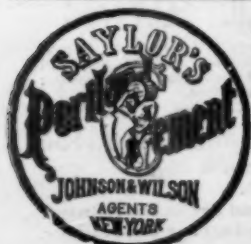


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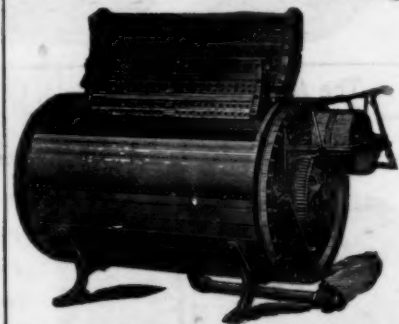
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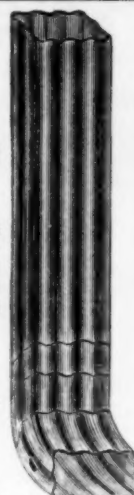
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Spruce.....	25 00 @ 28 00	13 00 @ 25 00	Not sold.	16 00 @ 20 00
Hemlock.....	20 00 @ 24 00	13 00 @ 15 00	12 00 @ 12 00	11 25 @ 13 50
Yellow pine.....	20 00 @ 40 00	25 00 @ 35 00	29 00 @ 37 00	14 00 @ 29 00
Cypress.....	20 00 @ 40 00	32 00 @ 40 00		35 00
Clapboards:				
Pine.....	40 00 @ 60 00	10 00 @ 22 00	14 00 @ 25 00	Not sold.
Spruce.....	25 00 @ 45 00	Not sold.		
Framing Timber:				
Pine.....	14 00 @ 18 00	15 50 @ 20 00	12 00 @ 15 30	25 00 @ 37 30
Spruce.....	12 00 @ 16 00	14 00 @ 16 00	Not sold.	16 00 @ 18 00
Hemlock.....	18 00 @ 21 00	24 00 @ 35 00	10 00 @ 13 00	13 00 @ 17 00
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Laths:				
Pine.....	2 50 @ 2 7	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..... 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	8 75 @ 4 00	6 00 @ 7 50	30 00 @ 40 00
Cedar, split..... P. M.....			Not sold.	24 00 @ 21 00
Cedar, sawed.....		2 00 @ 4 00	2 00 @ 2 35	20 00 @ 25 00
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.	9 30 @ 13 30
Fence pickets, Common.....	8 00 @ 10 00	10 00 @ 18 00	P. 10 00 @ 18 00	4 00 @ 1 25
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Chestnut.....		25 @ 50	Not sold.	
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Butternut.....		60 00 @ 70 00	50 00 @ 60 00	70 00 @ 80 00
Hard-pine floors (rift).....		50 00 @ 60 00		
Mahogany, Baywood (Mexican).....	@ 180 00	150 30 @ 160 00	150 00 @ 200 00	150 00 @ 250 00
" St. Domingo.....	@ 350 00	120 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 @ 50 00	32 00 @ 40 00	45 00 @ 55 00
" white.....	@ 70 00	50 00 @ 55 00	22 00 @ 40 00	45 00 @ 55 00
" quartered.....	@ 90 00	65 00 @ 80 00	45 00 @ 50 00	60 00 @ 75 00
Sycamore quartered.....		50 00 @ 65 00	35 00 @ 50 00	57 20 @ 65 00
Pine, clear.....	65 00 @ 70 00	50 00 @ 75 00	35 00 @ 51 00	65 00
Redwood.....	60 00 @ 70 00	60 00 @ 70 00	65 10 @ 8 00	80 00 @ 75 00
Rosewood.....				
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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 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 enb. ft.	
Amherst	90 95	90 1 00	45 50	
Berea Ohio	75 1 00	80 90	45 55	55 1 00
Berlin	75 1 00	80 90	55 65	
Bellerville	80 1 25	1 25 1 35	1 25	1 10 1
New Brunswick (Dorchester)	1 00	75 90		1 00 1
Oxon	1 05	1 05		1 25 1
Carlisle, English	1 05	1 05		95 1
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Marble: (p cu. ft.)				
Leo, Mass.		1 75 2 50	Not sold.	2 00 2 50
Butland, white and blue		3 00	3 50 6 00	2 00 3 00
Sutherland Falls	1 25 1 75	2 00	3 50 6 00	1 70 3 00
Glens Falls, black			Not sold.	4 00 4 50
Italian, blue-veined			Not sold.	2 50 2 75
" Sienna			Not sold.	4 00 5 00
Tennessee, red			Not sold.	3 00 4 00
" Knoxville			Not sold.	2 00 3 00
Pennsylvania, blue			Not sold.	2 25 3 00
Vermont, white			3 50 6 00	
Slate: Roofing (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 8 85	3 25 4 00
" Chapman	5 50 8 00	5 50 8 0	7 30 8 00	4 00 4 65
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" Venetian	65 70	74 75 dry	64 7	Eng. 64 11
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Yellow Ochre	12 20	18 25	15 25	" 20 25
" Chrome	8 13	8 20	8 20	20 25
Green (chrome)	25 40	25 40	18 35	20 25
Green, Paris	15 25	15 25	8 30	20 25
Black, lamp	12 18	18 30	12 35	20 25
Blue, ultramarine	60 63	61 62	57 60	56
Oil, linseed, (raw)	63 66	64 65	60 63	61
" boiled	43 44	41 42	51 51	50
Turpentine		1 50 6 00	1 25 2 00	3 00
Varnish, coach		2 50 3 00	2 25 4 00	2 75
Shellac		2 4	62 02	2
Putty	75 1 00	1 13	1 1	1 1
Whiting	1 30 2 00	2 3	1 7	1 7
Paris white, (Eng.)	64 6	64 71	64 16	14
Litharge, Am.	14 20	14 20	4 16	14
Sienna (burnt)	14 20	14 20	2 8	12
Umber				
HARDWARE.				
Nails: (Per Cask.) Spikes, (trough.)	2 85	2 16	2 75 3 00	preg 2 25
10d. common	2 60	2 35	2 45	2 30
Shingle	3 35	2 35	2 85	2 60
Lath	4 85	3 55	3 75	3 60 4 75
Finishing nails according to size.			Add .85 to \$1.15	per lb 4 6
(For casing nails add 75c. per keg.)			".50 to .90	Add pr cask
Butts: 4" x 4" (p doz. pairs.)				2 90 (all kinds.)
Plain	1 00	1 20	90	90
Japanned	1 50	1 75	Not sold.	1 35 2 00
Acorn, Japanned	1 50	1 90	2 00 3 75	1 35 2 75
Ball Tip, Boston Finish (p pair.)	65	1 65	Not sold.	48 50
Bronze metal	1 90	1 65	2 00 3 25	1 25
Brass (for cupboards)	10	10	12	1 00
Ebony				37 1 35
Apple wood				
Knobs: (p set.)				
Mineral, best	8	8	8 10	8 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	50 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		64	7	134 64
Lead Pipe		6	64	6 6
Iron:				
I-Beams, up to and including 30 ft.	3 5-10 34	3 1-10	3 70	2 8-10
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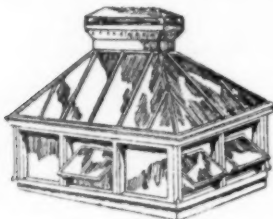


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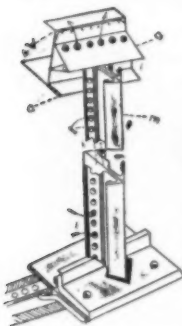
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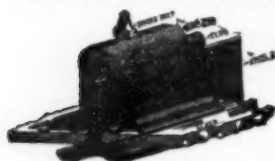
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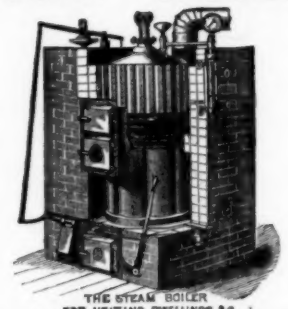
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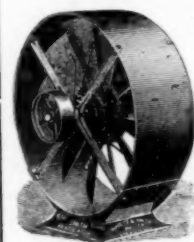
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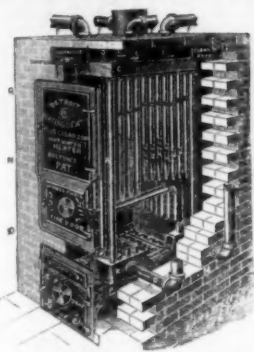


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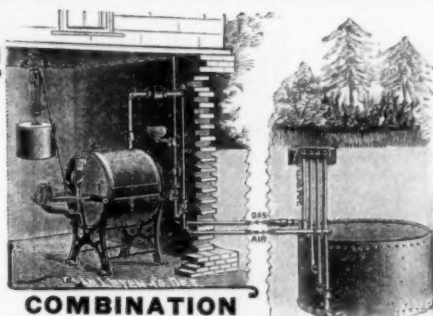
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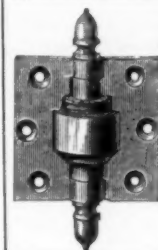
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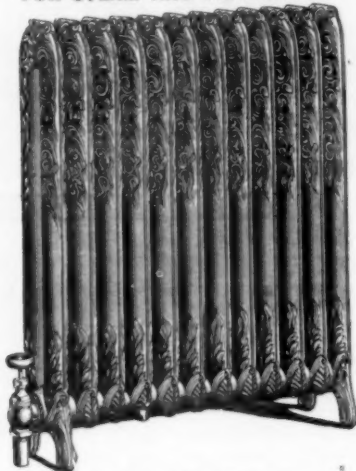
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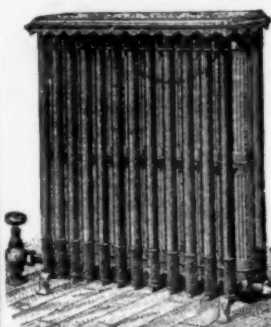
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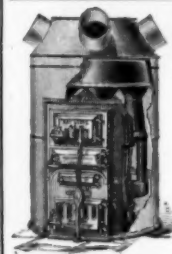
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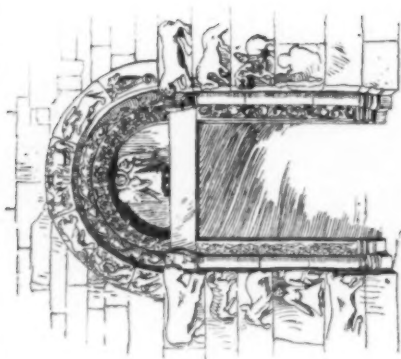
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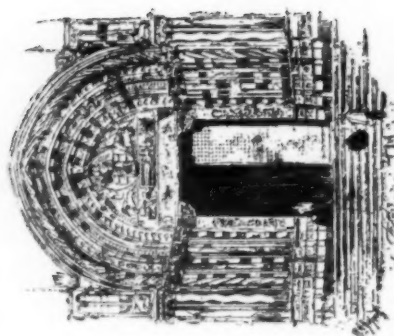
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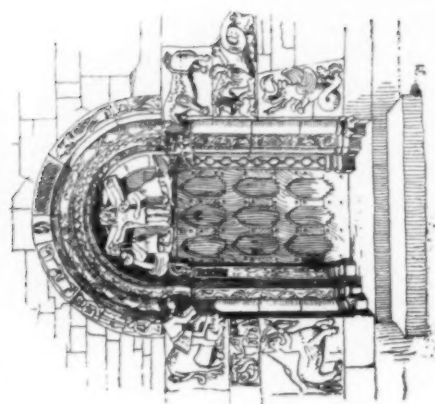
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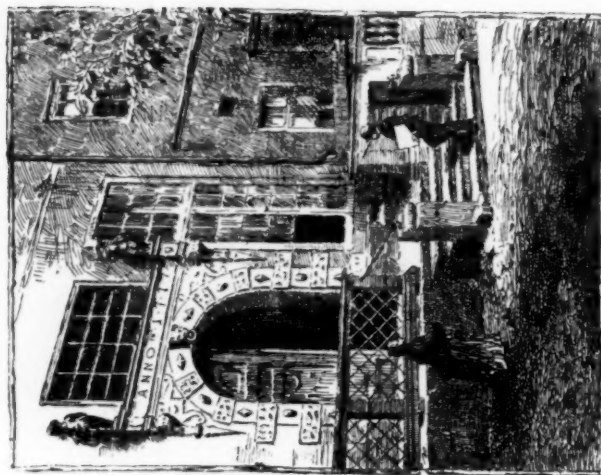
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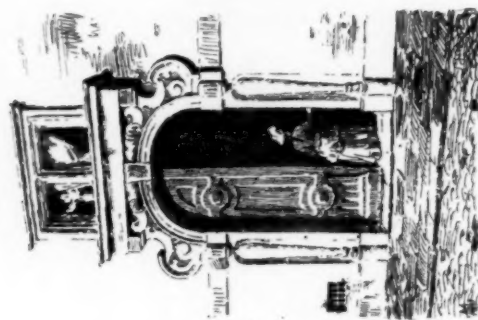
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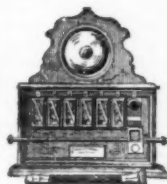
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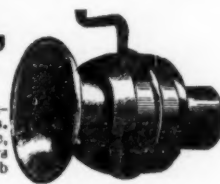


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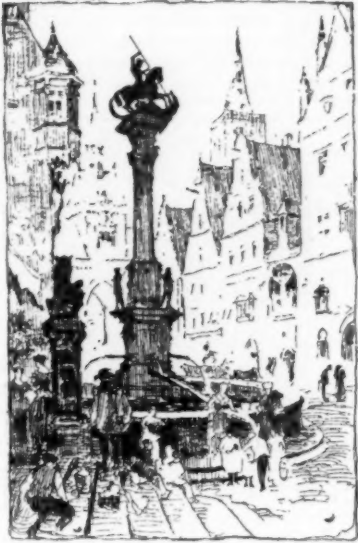
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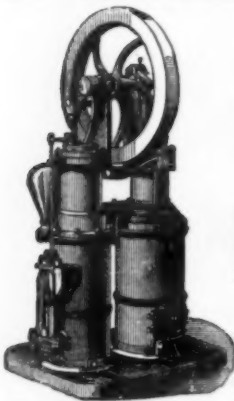
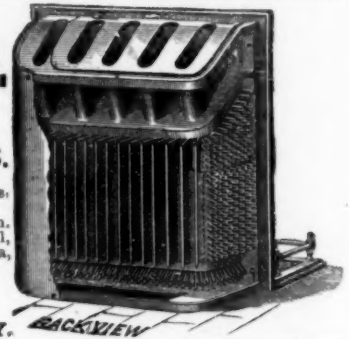
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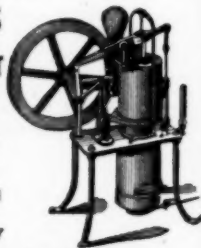
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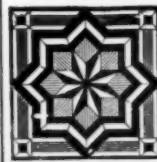
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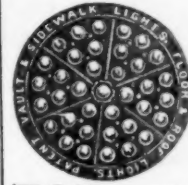
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Camden, N. J.—Third St., s e cor. Market St., extensive alterations of brick, stone and copper to building; cost, abt. \$20,000; owners, West Jersey Tile & Guaranty Co.; architects, Moses & King, Philadelphia.

Chicago, Ill.—R. M. Dorman, two-st'y addition, 255-261 Randolph St.; cost, \$20,000.

P. McHugh, additional stories, 343 Fifth Ave.; cost, \$8,000.

A. Kuhs, additional stories, 208 North Ave.; cost, \$6,000.

Frank Sturges, one-st'y addition to factory, Green and Harrison Sts.; cost, \$2,000.

Hauer Fehr, two-st'y addition, 429 North Ave.; cost, \$4,000.

Detroit, Mich.—Gordon W. Lloyd, architect, addition to House of Providence; cost, \$20,000.

Hartford, Conn.—Two-st'y Portland brownstone addition to the Hartford Hospital, slate roof, to be used as a children's ward, with nurses' rooms, etc.; hot-water heating; architects and builders, Cook, Hapgood & Co.

Little Rock, Ark.—D. Reeve, remodelling dwell.; cost, \$2,000; architect, Fred J. H. Rickon.

P. C. Dooley, remodelling dwell.; cost, \$2,000; architect, Fred J. H. Rickon.

New York, N. Y.—Fourth St., addition to the De Vinne Printing House; architects, Babb, Cook & Willard.

Philadelphia, Pa.—Broad St., e s, near Diamond St., 23 ft. brownstone front, tile roof; owner, Mr. Montgomery Ayres.

Somerville, Mass.—Vine St., cor. Beacon St., addition to frame factory, flat roof, 35' x 115'; owners, Holland & Daniels; builder, Alex. Johnson.

APARTMENT-HOUSES.

Boston, Mass.—Batavia St., Nos. 23-25-27, Ward 22, 3 four-st'y brick apartments, flat roofs, 24' x 52'; owner, Jesse Tirrell; builder, H. H. Hunt.
Columbus Ave., Nos. 286-288, Ward 11, four-st'y

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brick apartments and stores, flat roofs, 40' x 44'; owner, N. P. Hamlin, agent; builder, G. W. Pope.

APARTMENT-HOUSES.

Chicago, Ill.—J. W. Cassell, two-st'y flats, 955 Warren Ave.; cost, \$5,000.
John Liellinski, two-st'y flats, 6 Butcher St.; cost, \$2,700.
Albert Foster, three-st'y flats, 155 Fowler St.; cost, \$4,500.
Mrs. Fannie S. Howie, two-st'y flats, 4625 Emerald Ave.; cost, \$2,300.
Frank Miller, three-st'y flats, 337-329 Centre St.; cost, \$8,000.
J. A. Meeker, two-st'y flats, 4636 Champlain St.; cost, \$3,500.
John Simi, three-st'y flats, 662 May St.; cost, \$4,500.
William M. Carl, two-st'y flats, 3745 Wabash Ave.; cost, \$5,500.
Joseph Chmelik, three-st'y flats, 164 Bunker St.; cost, \$4,500.
John Lierk, two-st'y flats, 575 North Hoyne Ave.; cost, \$3,500.
W. E. Hunder, two-st'y flats, 3343 Wallace St.; cost, \$2,300.
T. Hurley, two-st'y flats, 54 Cypress St.; cost, \$3,500.
William Scheumaker, two-st'y flats, 595 West Thirteenth St.; cost, \$3,000.
John O'Brien, 2 two-st'y flats, 4320-4322 Calumet Ave.; cost, \$7,000.
S. Swenson, two-st'y flats, 4739 Langley Ave.; cost, \$2,800.
Patrick Sheehan, two-st'y flats, 3673 Ascher Ave.; cost, \$2,000.
Neil & Mahuke, two-st'y flats, 639 Garfield Bou.; cost, \$5,700.
F. Martz, two-st'y flats, 104-106 Newton St.; cost, \$6,000.
John Polle, four-st'y flats, 392 Forty-seventh St.; cost, \$9,000.
J. E. Neil, 2 two-st'y flats, Fifty-seventh St., near Wright St.; cost, \$4,000.
J. K. Kelly, two-st'y flats, 277 Sacramento Ave.; cost, \$4,200.
Frank Goldwald, two-st'y flats, 380 W. Thirteenth St.; cost, \$2,500.

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Henry Fricke, two-st'y flats, 232 Henry St.; cost, \$4,000.
M. M. Brown, 17 two-st'y flats, Forty-sixth St. and Lake Ave.; cost, \$11,900.
V. Knede, two-st'y flats, Throop St., near Fiftieth St.; cost, \$2,300.
J. B. Kettler, two-st'y flats, 1377 Fillmore St.; cost, \$5,000.
James Frawley, two-st'y flats, 1238 West Congress St.; cost, \$3,500.
Victor Marz, three-st'y flats, 9 Twomey St.; cost, \$5,000.
T. Paleczok, two-st'y flats, 809 W. Seventeenth St.; cost, \$3,000.
C. E. Sweep, 2 three-st'y flats, 3721 Johnson Pl.; cost, \$8,000.
John Penkara, three-st'y flats, 95 Newberry Ave.; cost, \$5,500.

New York, N. Y.—East Ninety-first St., Nos. 116-118, 2 five-st'y brick flats, tin roofs; cost, \$30,000; owner, William McNabb, 101 East Ninetieth St.; architect, Oswald Wirz, 153 Fourth Ave.
Ninety-first St., No. 114, five-st'y brick flat, tin roof, cost, \$18,000; owner, William McNabb, 119 East Ninetieth St.; architect, Oswald Wirz, 153 Fourth Ave.
Henry St., No. 119, five-st'y brick flat, tin roof; cost, \$18,000; owner, Moses Baumgartner, 119 Henry St.; architects, Kurtzer & Rohl, cor. Seventh St. and Third Ave.
Ninth Ave., w s, 75' 3-29' n Forty-eighth St., 4 five-st'y brick flats, tin roofs; cost, \$80,000; owners, L. & R. Ungrich, 260 West One Hundred and Thirty-fifth St.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.
Willett St., Nos. 33-35, 2 five-st'y brick flats, tin roofs; cost, \$34,000; owner, Simon Bittner, 77 East One Hundred and Thirtieth St.; architect, William Graul, 215 Bovey.
Avenue A, e s, 76' 6" n Eighty-third St., five-st'y brick flats, tin roofs; cost, \$16,000; owners, Geo. & John Schreiner, Jr., 512 East Eighty-fourth St.; architect, Edward Wenz, 1491 Third Ave.
West Fourth St., Nos. 143-145, five-st'y brick flats, tin roof; cost, \$26,000; owner, Adolph Raschel, 228 West Fifty-second St.
Seventy-eighth St., s w cor. Tenth Ave., 3 five-st'y brick flats, tin roofs; cost, \$150,000; owner, Bernard

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S. Levy, 121 West Seventy-first St.; architect, John G. Prague, 1462 Ninth Ave.
Fifty-first St., s s, 109' e Eighth Ave., five-st'y brick flat, tin roof; cost, \$25,000; owner, Alexander Moore, 316 West Fifty-first St.; architect, Geo. Keister, 55 West Thirty-third St.
One Hundred and Twenty-fifth St., No. 140, four-st'y brick and stone flat; owner, Fred. Hollender; architect, Hugo Kafka.
Carmine St., near Sixth Ave., five-st'y brick, stone and terra-cotta flat; cost, \$30,000; owner, Wm. Broadbelt; architect, J. C. Burne.
Fourteenth St., n s, 88' w Avenue C, 9 five-st'y flats; cost, \$175,000; owner, Wm. H. Muldoon; architect, Geo. F. Pelham.
One Hundred and Fourteenth St., Morningside Park and Manhattan Ave., seven-st'y brick and stone apartment-house; owner, H. Morton Moore; architect, Thomas O. Spier.
Ninetieth St., n e cor. Tenth Ave., 4 five-st'y flats, cost, \$80,000; owner, Geo. W. Hamilton; architect, J. Averill Webster.
Sixty-third St., n s, 58' e Boulevard, 2 five-st'y brick flats, tin roofs; cost, \$40,000; owners, Wm. R. Power, 228 West One Hundred and Fifth St., and John Welcker, 163 West One Hundred and Fourth St.
Willis Ave. and One Hundred and Thirty-eighth and One Hundred and Thirty-ninth Sts., 14 five-st'y brick and stone flats; cost, \$324,000; owners, John & Nicholas Cotter; architect, John C. Burne.
East Fourth St., No. 63, six-st'y brick, stone and terra-cotta flat; cost, \$22,000; owner, August Ruff; architects, Kurtzer & Rohl.
Madison Ave., n e cor. Eighty-third St., seven-st'y brick, stone and terra-cotta apartments; cost, \$100,000; owner, John Weber; architects, Weber & Drosser.

St. Louis, Mo.—Two-st'y brick flats; cost, \$20,000; owner and builder, H. Fenerbach.
Two-st'y and mansard brick flats; cost, \$3,700; owner, Mary Weber; contractor, C. Harman.

CHURCHES.

Brooklyn, N. Y.—Seventeenth St., n s, 100' w Fifth Ave., one-st'y brick church, slate and tin roof; cost, \$20,000; owners, Church of Atonement, Seventeenth St. and Fifth Ave.; architect, George P. Chappell, 24 State St., New York City.
Putnam Ave., 400' w Ralph Ave., one-st'y brick church, slate roof; cost, \$75,000; owner, Rt. Rev. John Loughlin, Greene and Clairmont Aves.; architect, B. O. Bourke, Harwood Ave.
Camden, N. J.—Eleventh St., n Cooper St., frame church; Randal E. Morgan.

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Philadelphia, Pa.—Seymour St., s s, e Knox St., one-st'y church; John Owens, 124 East Upal St. Sixteenth and Master Sts., Universalist Church, brownstone and stone front church, Indian trimmings; front portion to be used for Sunday-school and remodel old building.

St. Louis, Mo.—Two-st'y brick church; cost, \$4,000; owners, M. E. Church; contractors, Newberry & Valentine.

FACTORIES.

Boston, Mass.—Florence St., near Sycamore St., Ward 23, two-st'y frame factory, 47' x 74'; owners, Boston Socket Mfg. Co.; builder, W. S. Mitchell.

Brooklyn, N. Y.—Plymouth St., s s, 200' w Lay St., three-st'y brick paint factory, tin roof; cost, \$4,445; owners, Phillips & Ferguson on premises.

Camden, N. J.—Kaighn's Ave., bet. Locust St. and Hadden Ave., brick factory; owner, John F. Betz.

Chicago, Ill.—I. F. Rees, ice factory, 3546-3548 Hanover St.; cost, \$20,000.

Cincinnati, O.—Lytle Safe & Lock Co., two-st'y factory, Water St.; cost, \$3,000; architects, G. & A. Brink.

New York, N. Y.—Pelham St., w s, 100' n Cherry St., six-st'y brick factory, tin roof; cost, \$12,000; owners, Weil & Meyer, 227 East Sixtieth St.; architect, George F. Pelham, 1481 Broadway.

West Thirty-sixth St., Nos. 550-552, five-st'y brick factory, gravel roof; cost, \$20,000; owner, Samuel Booth, 350 West Thirty-third St.; architect, Jacob Roth, 693 Sackett St., Brooklyn.

Macdougal St., Nos. 171 and 173, six-st'y brick factory, tin roof; cost, \$35,000; owner, A. D. Russell, 171 Broadway; architects, Kenwick, Aspinwall & Russell, 71 Broadway.

West Third St., No. 70, four-st'y brick factory; owner, R. Boretti; architect, A. C. Newman.

Philadelphia, Pa.—Callochill St., w s, w Twenty-sixth St., ice factory and boiler-house; owner, W. S. Ware, 3504 Hamilton St.

St. Louis, Mo.—Three-st'y brick factory; cost, \$5,000; owners and contractors, Christopher Simpson & Co.

Four-st'y brick factory; cost, \$7,500; owner, M. Forster; contractor, A. H. Haesseler.

Unionville, Conn.—Factories for the Upson Nut Co. to replace those recently destroyed by fire, tin roofs, two stories, both buildings of brick; also out-buildings, tank, tower, etc.; architects and builders, Cook, Hapgood & Co., Hartford, Conn.

HOTELS.

Absecon Beach, N. J.—Hotel Ventnor, frame hotel; cost, bet. \$50,000 and \$60,000.

Buchanan, Va.—A hotel, to cost \$75,000, is reported as to be built by the Central City Land Company.

Richlands, Va.—Four-st'y hotel, shingle roof; owners, Clinch Valley Coal and Iron Co.

Sumter, S. C.—The building of a hotel, to cost \$50,000, is contemplated.

Waynesboro, Va.—The Amazon Spring Hotel Company intends building a hotel, to cost \$50,000.

HOUSES.

Baltimore, Md.—Jno. A. Cunzman, 2 three-st'y brick buildings, s e cor. Bank and Register Sts.

Wm. Lynas, three-st'y brick building, n s Granby St., w Central Ave.

J. M. Cone, 3 three-st'y brick buildings, e s McCulloch St., n McMechin St.

R. V. Rust, 2 two-st'y brick buildings, e s Hope St., e North Ave.

Geo. C. Goldman, 4 two-st'y brick buildings, n s O'Donnell St., w Streeter St., bet. Chesapeake and Patuxent Sts.

J. R. Harper, 6 two-st'y brick buildings, e s Pinkney Alley, s w Cross St.

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Jno. Flaherty, 5 two-st'y brick buildings, n s Fayette St., w Bradford Alley.

Wm. H. Ebaugh, 4 two-st'y brick buildings, n s Central Ave., bet. Third St. and Hickory Ave.

Berlin, N. J.—Three frame cottages for Union Land and Improvement Co.

Boston, Mass.—Liverpool St., Nos. 70-72, Ward 2, 2 three-st'y brick dwells., flat roofs, 20' x 40'; owner and builder, J. H. Stevenson.

Carlton St., near West Newton St., Ward 11, two-st'y brick dwell., flat roof, 18' x 30'; owner and builder, V. A. Ryan.

Minden St., opp. Schiller St., Ward 22, three-st'y frame dwell., flat roof, 24' x 52.6'; owner, L. Besser; builder, A. Sontag.

Walter St., near South St., Ward 23, two-st'y frame dwell., gambrel roof, 23' x 32.6'; owner, W. H. Devens; builder, A. Rogers.

Argyle St., cor. Cornwall St., Ward 23, frame dwell., 25.6' x 41'; owner and builder, T. Flynn.

Washington St., near Forest Hill St., Ward 23, three-st'y frame dwell., flat roof, 24' x 41'; owner, W. Parlon; builder, J. J. Flynn.

Clark St., near Quincy St., Ward 24, three-st'y frame dwell., hip roof, 20' x 60'; owner, Neil McNeil; builders, McNeil Bros.

Wilkins Pl., near Sycamore St., Ward 23, frame dwell., 21' x 27'; owner, Mrs. M. L. Chamberlain; builder, A. Rogers.

Curtis St., near Pope St., Ward 1, two-st'y frame dwell., flat roof, 20.6' x 43'; owner, John Olsen; builder, G. C. Doyle.

Farrington Ave., near Oak St., Ward 23, 2 three-st'y frame dwells., flat roofs, 25' x 28.2'; owner and builder, W. S. Mitchell.

BUILDING INTELLIGENCE.

Paulding St., near Dale St., Ward 21, 2 three-st'y frame dwells., pitch roofs, 20' x 50'; owner, G. H. Nichols; builder, J. McDowell.

Market St., near Faneuil St., Ward 25, two frame dwells., 20.6' x 46'; owner, W. Van Etten; builder, James Muldoon.

Unnamed Ct., off Chickatawbut St., near Plain St., Ward 24, one-st'y frame dwell., 20' x 28'; owner, J. H. Bates; builder, W. J. Hatch.

Marshfield St., near Batchelder St., Ward 20, three-st'y frame dwell., flat roof, 26.6' x 38.6'; owners, Italian Society; builder, F. J. Fortunato.

Westville St., near Geneva Ave., Ward 24, frame dwell., 23' x 87'; owner, D. E. Lynch; builder, J. H. Kellar.

Tolman St., near Neponset Ave., Ward 24, frame dwell., 17' x 27'; owner, Patrick Rogers; builder, E. Ramsell.

Cordia St., No. 25, Ward 5, three-st'y frame dwell., flat roof, 20' x 48.3'; owners, J. R. Murphy & J. B. Fallon; builders, Donovan & Brock.

Lawrence Ave., No. No. 53, rear, Ward 24, two frame dwells., 20' x 52'; owner, G. B. Harriman; builder, Mr. Haskell.

Morris St., Nos. 125-127, Ward 1, 2 three-st'y brick dwells., flat roofs, 21.6' x 35'; owner and builder, E. Harkins.

Falcon St., No. 126, Ward 1, three-st'y frame dwell., flat roof, 21.6' x 41.6'; owner, John Overlan; builder, W. Goodwin.

Paul Gore St., cor. Danforth St., Ward 23, 2 three-st'y frame dwells., flat roofs, 28' x 45'; owner, Joseph Wittenauer; builder, J. Luippold.

Fale St., near Weldon St., Ward 23, three-st'y frame dwell., pitch roof, 23' x 48.5'; owners, Fred & Mary Zerbel; builders, Sittig Bros.

Centre St., No. 406, Ward 23, three-st'y frame dwell., hip roof, 24' x 43'; owner and builder, Wm. Tobin.

Winthrop St., Nos. 45-47, Ward 21, two frame dwells., 21' x 56'; owner, A. J. Hall; builder, E. M. Chapman.

Ballard Pl., off Ballard St., Ward 22, frame dwell., 23' x 49'; owner, M. H. Dolan; builder, J. F. Sullivan.

TO ARCHITECTS.

ARCHITECTS are professional men, and hold very much the same relation to their clients that doctors hold to their patients. The relation is a confidential one. The architect, when making a plan of a new building, specifies the materials and the probable cost. Very frequently he names the exact figures for material, labor, etc. To do this different contractors are naturally consulted, and, as a result, the property owner feels a sense of security in knowing in advance the total amount of outlay necessary. He is also pleased to know that all the details of his proposed building are to have intelligent supervision.

The architect may invite competition from general contractors, or from sub-contractors separately, including roofers. The contract may be made in lump to one builder, relying on his responsibility to see that the work is properly done throughout, including the use of good roofing material, or it may be let to the separate trades. The architect's education does not always give him a minute knowledge of all the materials used on the building, but being a reading man, he examines the trade journals that are published in the building interests. From them he soon learns that there is a large variety of roofing plates, and that there are more brands of tin plate than there are kinds of watches in use; and further, that the variation in price between these brands is often more than 100 per cent. How under these circumstances, as an honest man, can he make a specification that will satisfy himself and do justice to the property owner—his client? We will try to show how this can be done, and in offering our own brands, which have well-established reputations, we do so without wishing to evade honest competition—**that is competition where quality and price are fully considered.**

We import three brands of tin plate for roofing purposes, to which we invite special attention. They are "**Gilbertson's Old Method**," "**Merchant's Roofing**" and "**Camaret**." They differ in grade and accordingly in price, and from them may be selected that which is best for each particular job in hand. Each of these brands is sold by us under a precise and exact description of quality and weight, together with the maker's guarantee, which is supplemented by our own. There are no imperfect sheets of either of these brands imported, something which is of the greatest importance to all who desire perfect roofs.

We were the first importers to give a logical completeness to tin plate guarantees, and our success at once prompted other importers to imitate us. In what they have done our forms only have been adopted. The quality and security which we offer are lacking. In some cases the plates which are being offered by our competitors have the waster or imperfect sheets bearing the same brand or designation as the perfect sheets, thus making it impossible for the architect to secure the good roof he is after.

Architects would do well to remember that there is always a suspicion concerning quality when a tin plate is represented "to be just as good" as some other brand of tin plate that has won for itself a wide reputation for uniform excellence. There may be in the world as good watchmakers as Frodsham and Jurgensen, but there are none who have equal reputation for uniform excellence of product and the highest quality of workmanship.

We claim for our "Gilbertson's Old Method" that it is the **best in quality** ever produced; that it is absolutely uniform, and that it will give better satisfaction to architects, builders, roofers and property owners than any other. With its reputation fully established, it is not strange that it is singled out by envious competitors for all sorts of misrepresentations made to give an indirect commendation to their own plates.

There are times when the property owner finds it necessary to economize in the cost of a building; and yet he has serious objections to employing inferior materials anywhere in its construction. To provide for such contingencies we have our "Merchant's Roofing Plate," something a little cheaper. This plate, though costing less money than "Gilbertson's Old Method," will still give better satisfaction than many of the old style brands which are being offered in the market. Confidence in this brand by the architect will not be misplaced, for like "Gilbertson's Old Method" and "Camaret," already widely known, every sheet is stamped with the brand and thickness. Such sheets as show imperfections when being assorted are rigidly excluded, only perfect sheets are imported. It is impossible therefore for any unscrupulous roofer to substitute or put on the roof any quality of tin inferior to that specified without instant detection. This applies to all of the three brands mentioned, for the stamp seen on each sheet of the roof makes identification complete.

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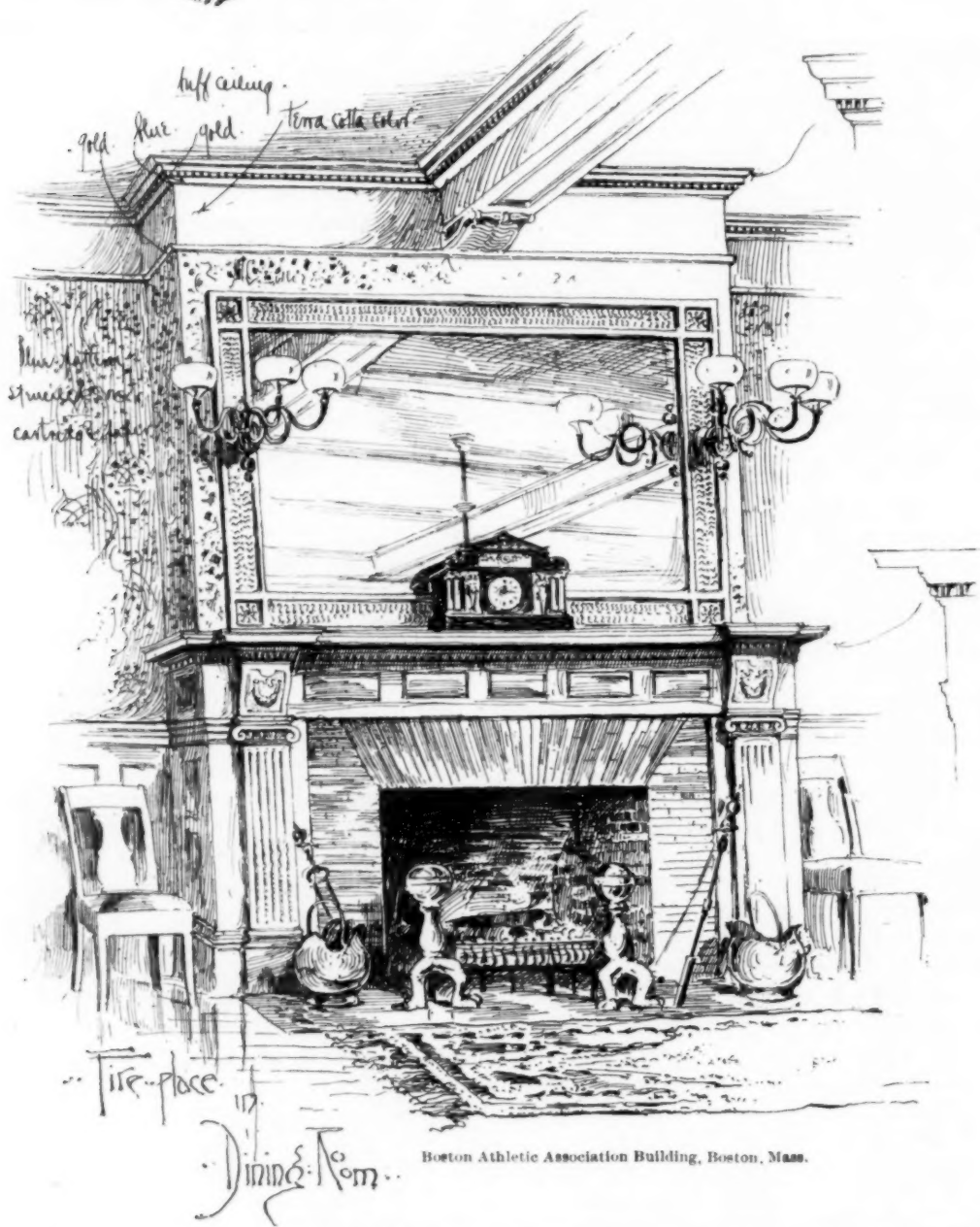
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SOLE IMPORTERS AND PROPRIETORS,

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BUILDING INTELLIGENCE.

Whitman St., near Norfolk St., Ward 24, two-sty frame dwell., hip roof, 24' x 30', and one pitch roof, 24' x 38'; owner and builder, J. F. Haddock.

Welles Ave., cor. Ocean St., Ward 24, frame dwell., 32' x 33'; owner, J. J. Arakelyan; builders, J. Sewell & Co.

Bennington St., junction Saratoga St., Ward 1, three-sty frame dwell. and store, flat roof, 24' x 35'; owner, Giuseppe Clarto.

Cushing Ave., near Hancock St., Ward 24, two frame dwells., 23.8' x 56.8'; owner, J. B. Christie; builder, L. D. Robinson.

East Broadway, Nos. 898-900, Ward 14, 2 three-sty frame dwells., flat roofs, 22' x 44'; owners and builders, Locke & Flint.

Morton St., near Sanford Ct., Ward 24, frame dwell., 21.6' x 43'; owner, J. A. Hayes; builders, J. A. Tucker & Son.

Eaton Ct., near Cedar St., Ward 21, 2 three-sty frame dwells., flat roofs, 22.6' x 36'; owner, Owen Reynolds; builders, R. D. Ward & Co.

Park St., No. 88, rear, Ward 24, frame dwell., 23' x 31'; owner, Edward Regan; builders, Chute & Boyle.

Beacon St., near Arundel St., Ward 22, four brick dwells., 2 three stories and two four stories, flat roofs, 22.3' x 47'; owners, W. D. Vinal and G. Wheatland, Jr.; builder, W. D. Vinal.

Beacon St., near Mountford and Arundel Sts., Ward 22, 2 four-sty brick dwells., flat roofs, 22.3' x 47'; owners, W. D. Vinal and G. Wheatland, Jr.; builder, W. D. Vinal.

Macon St., n. s., 229' w Patchen Ave., 2 two-sty and basement brick dwells., tin roofs; cost each, \$5,000; owner, Mary F. Walters, 369 Tompkins Ave.; architects, F. J. Reynolds & Son, 363 Fulton St.

Washington St., near Forest Hill St., Ward 23, three-sty frame dwell., hip roof, 24' x 41'; owner, W. Parlon; builder, J. J. Flynn.

Wyman St., Nos. 74-76, Ward 23, two frame dwells., 22' x 45'; owners, R. Hemmings and H. Keep; builder, S. McNell.

Baywater St., near Austria Ave., Ward 1, frame dwell., hip roof, 32' x 34.6'; owners, Boston Land Co.; builder, P. M. Hayden.

Bennington St., No. 186, Ward 1, three-sty frame dwell., flat roof, 22' x 44'; owner and builder, C. D. McIntyre.

Monmouth St., No. 38, rear, Ward 1, frame dwell., 22' x 24'; owner, J. H. Keene; builder, E. Warren.

East Eighth St., No. 734, Ward 14, dwell., 22' x 40'; owners and builders, Berry & Watson.

N St., Nos. 187-205, and *Bateman Pl.*, rear 187 N St., Ward 14, six frame dwells., 21' x 40'; owners and builders, Berry & Watson.

Blaine Ave., cor. Braintree St., Ward 25, three-sty frame dwell. and store, flat roof, 34' x 40'; owner and builder, Samuel Hano.

Harrison St., near Walnut Ave., Ward 21, frame dwell., 27.6' x 42.8'; owner, Moody Merrill; builder, John Bass.

Armstrong St., Nos. 9-13, Ward 23, 3 three-sty frame dwells., 23.6' x 42'; owner and builder, J. W. Priesing.

Lauriat Ave., near Lyons St., Ward 24, 2 three-sty frame dwells., 20' x 48.6'; owner, Joseph Amia; builder, John Smith.

Washington St., Nos. 2081-2091, Ward 19, 3 four-sty brick dwells. and stores, flat roofs, 23' x 50'; owner, S. R. Baker.

Westminster St., Nos. 45-47, Ward 19, 2 three-sty brick dwells., flat roofs, 20' x 40'; owner, N. M. Jewett; builders, Holmes Bros.

Sydney St., No. 19, Ward 24, two-sty frame dwell., hip roof, 29.6' x 37.6'; owner, T. E. Sheehan; builder, G. W. Hamilton.

Brookline, Mass.—*Auburn St.*, frame dwell., 40' x 41'; owner, D. W. Russell; superintendent, H. G. Brewer; architect, Willard M. Bacon, Boston.

Off Auburn St., frame dwell., 36' x 44'; owner, superintendent and architect, same as last.

Another frame dwell. for same, 33' x 36'; superintendent and architect, same.

Brooklyn, N. Y.—*Even St.*, w. s., 27's Devoe St., three-sty frame dwell., tin roof; cost, \$7,500; owner, Mrs. Dr. E. Ritter, Humboldt and Meserole Sts.; architect, Frank Holmberg, 1161 Broadway.

Forty-second St., n. s., 100' w Second Ave., three-sty frame dwell. and store, tin roof; cost, \$4,500; owner, Mrs. Elmquist, Second Ave. and Forty-first St.; architect, Chas. Braun, 724 Fifth Ave.

Sixteenth St., s. s., 102' 204' w Tenth Ave., two-sty frame dwell., tin roof; cost, \$3,000; owner, James Lunney, 552 Fifteenth St.; builder, M. McCadden, 537 Eighteenth St.

Eren St., s. w. cor. Devoe St., three-sty frame dwell., tin roof; cost, \$9,500; owner, Mrs. Dr. E. Ritter, Humboldt and Devoe Sts.; architect, Frank Holmberg, 1161 Broadway.

BUILDING INTELLIGENCE.

Cooper Ave., s. w. s., 175' n e Bushwick Ave., 9 two-sty frame dwells., tin roofs; total cost, \$27,000; owner, Michael Moran, 783 Lexington Ave.; architects, J. D. Reynolds & Son, 363 Fulton St.

Meeker Ave., s. s., three-sty frame dwell. and store, tin roof; cost, \$3,000; owner, George Hohn, 137 Meeker Ave.; architect, Henry Vollweiler, 14 Elm St.

Shaffer St., n. s., 172' w Hamburg Ave., 5 two-sty frame dwells., gravel roofs; cost, \$1,100 each; owner, Thomas Fel, 31 Rockwell Pl.; architect, Frank W. Ames, 1002 Halsey St.

Jefferson Ave., s. s., 80' e Lewis Ave., 4 three-sty brick dwells., tin roofs; cost, \$4,000; owner, Thos. Robins, 178 Gardfield Pl.

Meserole Ave., n. w. cor. Leonard St., 3 three-sty brick dwells., tin roofs; total cost, \$16,000; owner, R. D. Ohland, on premises; architect, Henry Vollweiler, 14 Elm St.

Second St., s. s., 108' 3' e Fifth Ave., 2 four-sty brick dwells., tin roofs; cost, \$40,000; owner, John L. Lansdell, 315 Ninth St.; architect, W. M. Coots, 26 Court St.

Myrtle Ave., n. s., 100' w Lewis Ave., six dwells. and stores, tin roofs; cost, \$40,000; owner, Max Hallheimer, Vernon and Lewis Aves.; architect, Th. Engellhardt, 905 Broadway.

Park Ave., s. s., 49' e Cumberland St., 2 four-sty brick dwells. and stores, tin roofs; cost, \$7,000 each; owners, Long & Barnes, 116 Clermont Ave.; architect, M. J. Morrill, 357 Fulton St.

Clinton St., s. w. cor. Ninth St., four-sty brick dwell., tin roof; cost, \$8,000; owner, Mary E. Lynch, 236 St. John's Pl.

Fifth Ave., s. w. cor. Butler St., 2 four-sty dwells. and stores, tin roofs; total cost, \$18,000; owner, Thos. Megarr, Third Ave. and Bergen St.; architects, J. D. Reynolds & Son, 363 Fulton St.

Schenck Ave., w. s., 100' n Liberty Ave., two-sty frame dwell., tin and solder roof; cost, \$3,300; owner, Mary E. Cook, Ridgewood Heights; architect, O. S. Totten, Eastern Parkway, near Hinsdale St.

Essex St., e. s., 200' n Arlington Ave., 6 two-sty frame dwells., tin roofs; cost, \$2,400 each; owners, Theo. Le Beau and John French, 68 Van Siclen Ave.; architect, Charles Infanger, 68 Van Siclen Ave.

Sheffield Ave., e. s., 150' s Glenmore Ave., 4 two-sty frame dwells., tin roofs; total cost, \$10,000; owner, Charles E. Maguire, 155 Liberty Ave.; architect, John H. Maguire, 155 Liberty Ave.

Cadillac, Mich.—Frame dwell.; cost, abt. \$10,000; owner, W. W. Mitchell; architect, S. J. Osgood, Grand Rapids, Mich.

Chicago, Ill.—Thomas Cahill, two-sty dwell., 827 West Lake St.; cost, \$4,000.

Christian Lessing, three-sty dwell., 1135 North Oakley Ave.; cost, \$4,000.

D. A. Holman, three-sty dwell., Sixty-first and May Sts.; cost, \$3,000.

Reining Bros., two-sty dwell., 7031 Sangamon St.; cost, \$2,000.

W. Otto, two-sty dwell., Avenue Twelve and One Hundred and Sixth Sts.; cost, \$2,100.

G. C. Muesch, two-sty dwell., Western Ave. and Fifty-second St.; cost, \$2,700.

Miles Miller, 4 three-sty dwells., Fremont and Clay Sts.; cost, \$30,000.

E. R. E. Koch, 3 three-sty dwells., 94-98 Forty-third St.; cost, \$30,000.

August Reck, two-sty dwell., Kensington St., near Howard St.; cost, \$3,500.

Mrs. E. Dwight, three-sty dwell., 450 Forty-fifth St.; cost, \$5,500.

Adam Hoelrick, three-sty dwell., 646 Fifteenth St.; cost, \$5,000.

P. W. Palmer, three-sty dwell., 5006 Ellis Ave.; cost, \$10,000.

Theodore Riese, two-sty dwell., Morgan and Sixty-third Sts.; cost, \$2,000.

Charles Kegar, two-sty dwell. and barn, 955 West Division St.; cost, \$3,000.

George B. Carpenter, three-sty dwell., 291-293 Dearborn Ave.; cost, \$12,000.

I. L. Vandemark, 10 two-sty dwells., 4816-4830 Langley Ave.; cost, \$30,000.

A. J. Johnson, two-sty dwell., 192 Evergreen Ave.; cost, \$12,000.

A. L. Bell, two-sty dwell., 5812 Washington Ave.; cost, \$9,000.

Walter Johnson, 3 two-sty dwells., 4712-4718 Langley Ave.; cost, \$8,000.

H. W. Rockner, two-sty dwell., 4227 Indiana Ave.; cost, \$5,000.

James Raiston, two-sty dwell., 3817 Wabash Ave.; cost, \$5,000.

E. Tillotson, four-sty dwell., 1916-1920 Wellington Ave.; cost, \$15,000.

Martin Holes, two-sty dwell., 608 Alport Ave.; cost, \$4,500.

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H. F. Hahn, three-sty dwell., 3626 Grand Boulevard; cost, \$9,000.

Cincinnati, O.—Chas. H. Hooker, two-and-one-half-sty dwell., Melrose Ave.; cost, \$5,000; architect, O. E. Elzner.

W. Brothers, two-and-one-half-sty frame dwell., Chase Ave.; cost, \$3,450; architect, G. W. Drach.

Ulrich Panzer, three-and-one-half-sty dwell., Liberty St.; cost, \$5,000; architects, Reig & Marty.

Herman Gilbert, two-and-one-half-sty dwell., Chase Ave.; cost, \$4,500; architect, S. S. Godley.

Mrs. K. Jacobs, double two-sty dwell., Second Ave.; cost, \$3,600; architect, S. W. Kittling.

Detroit, Mich.—A. W. Dixon, brick dwell. and store, 274-276 Myrtle St.; cost, \$4,000.

W. S. Russell, stone dwell., 863 Jefferson Ave.; cost, \$12,000.

Geo. E. Dephen, brick dwell., 683 Trumbull Ave.; cost, \$8,000.

Byron See, brick dwell., 61 Seldon Ave.; cost, \$3,500.

Fred Gibson, two frame dwells., 217-221 Locust St.; cost, \$4,400.

H. Meridian, frame dwell. and store, 180 Chene St.; cost, \$4,000.

W. E. Heuze, frame dwell., 269 Field Ave.; cost, \$3,000.

W. S. Nicholson, frame dwell., 300 Forrest Ave.; cost, \$5,000.

E. A. Waterfall, five frame dwells., 247, 249, 253, 257 and 261 Canfield Ave.; cost, \$10,200.

J. Mack, brick dwell. and barn, 291 Warren Ave., w.; cost, \$4,000.

J. Bergin, double brick dwell., 236-238 Canfield Ave.; cost, \$4,200.

Potts Bros., brick dwell. and store, 839 Grand River Ave.; cost, \$4,000.

Andrew Anderson, 3 two-sty brick dwells. and stores, 162-166 Milwaukee Ave.; cost, \$10,000.

Dorchester, Mass.—*Mt. Everett St.*, two frame dwells.; one, 30' x 45'; cost, \$6,500; and the other, 32' x 48'; cost, \$7,500; owners, S. T. Cobb and N. D. Freeman; builder, George A. Rannels; architect, Tristram Griffin, Boston.

Grand Rapids, Mich.—Frame dwell., Paris Ave.; cost, abt. \$4,000; owner, H. N. Raymond; architect, W. G. Robinson.

Frame dwell., Madison Ave.; cost, abt. \$3,000; owner, W. H. McCormick; contracts not let; architect, W. G. Robinson.

Hartford, Conn.—Block of 3 three-sty brick dwells., colonial style, Collins St.; owner, Charles

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BUILDING INTELLIGENCE.

Collins, Yonkers, N. Y.; architects and builders,
Cook, Haggood & Co.
Lexington, Mass.—Frame dwell., 41' x 43'; owner,
James P. Prince; contract to be let; architect, Wil-
lard M. Bacon, Boston.
Little Rock, Ark.—W. H. Bagland, brick veneered
dwell., Centre St., bet. Sixteenth and Seventeenth
Sts.; cost, \$10,000; contracts not let; architect, C.
L. Thompson.
M. Cohn, two-st'y frame dwell.; cost, \$2,000;
architect, Fred J. H. Rickon.
Malden, Mass.—Summer St., frame dwell., 38' x 40',
with L, 15' x 25'; cost, \$8,000; owner, C. P. Holden;
builder, William B. Stinson; architect, Tristram
Griffin, Boston.
Marlton, N. J.—Frame dwell. for Henry Brick,
Esq.; cost, abt. \$4,000.
Merchantville, N. J.—Frame dwell. for E. C. Free-
man, Esq.; cost, abt. \$4,000.
Three-st'y stone and frame dwell., slate roof, for
E. W. Morris, Esq.
Three-st'y dwell. for Dr. Hinson.
Three-st'y dwell. for Mr. Schellinger.
Mercedith, N. Y.—Stone and frame summer cot-
tage for E. N. Cohn Esq.
Merion, Pa.—Stone and frame dwell. for Constanc-
ine Carpenter, Esq.
Philadelphia, Pa.—Cherry St., w s, n Harrison St.,
2 two-st'y dwells.; contractors, Osborne Bros., Mar-
garet and Adaline Sts.
Tioga St., s s, e Front St., 7 three-st'y dwells.;
contractors, Froesch & Rawlings, Fifth St. and
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tractors, Froesch & Rawlings, Fifth St. and Lehigh
Ave.
Front St., e s, s Tioga St., 13 two-st'y dwells.;
contractors, Froesch & Rawlings, Fifth St. and
Lehigh Ave.
Creason St., n e cor. Fish St., 6 two-st'y dwells.;
contractor, Jas. W. Benke, 3531 Ridge Ave.
Manner St., w s, s Adams St., 4 two-st'y dwells.;
contractor, Jas. H. Boone, Wissahickon.
Manayunk Ave., n s, e Conarroe St., two-st'y
dwell.; contractors, C. J. Wallace & Son, 368 Green
Lane.
Wisteria St., n s, e Wakefield St., 5 two-st'y
dwells.; contractor, H. A. Miller, 1609 Allegheny
Ave.
Uber St., w s, s Ontario St., 9 two-st'y dwells.;
contractor, H. A. Miller, 1609 Allegheny Ave.
Wyckus Ave., s s, w Forty-second St., 21 two-
st'y dwells.; owner, J. C. Gardiner, 770 North
Thirty-eighth St.
Greenaway Ave., n s, e Forty-ninth St., 8 two-st'y
dwells.; owner, W. S. P. Shields, 735 Walnut St.
Forty-eighth-and-one-half St., n Paschal Ave., 8
two-st'y dwells.; owner, W. S. P. Shields, 735 Wal-
nut St.
Seventy-sixth St., w s, n Jones La., two-st'y
dwell.; owner, Samuel J. Brown, 929 Ridge Ave.
Pine St., n s, w Fortieth St., 4 three-st'y dwells.;
contractor, Jas. D. Arthur, 4809 Trinity Pl.
Fifty-fifth St., s e cor. Jefferson St., 10 three-st'y
dwells.; owners, Hunter & Noeh, 546 Drexel Build-
ing.
Merion Ave., n s, e Fifty-fifth St., 4 two-st'y
dwells.; owners, Hunter & Noeh, 546 Drexel Build-
ing.
Forty-first St., e s, bet. Parrish and Ogden Sts., 19
three-st'y dwells.; contractor, Josiah Longacre, 4127
Ogden St.
Dauphin St., No. 2620, two-st'y dwell.; owner,
Jacob S. Springer, 1247 East Montgomery Ave.
North Twenty-first St., No. 2851, two-st'y dwell.;
owner, Conrad Meyer, 2851 North Twenty-first St.
Camae St., e s, s Rockland St., three-st'y dwell.;
owner, Joseph Pagnacco, 2037 Market St.
Mather St., w s, s Tioga St., 2 two-st'y dwells.;
owner, John Omensetter, Sixteenth St., s Tioga St.
Dutton St., e s, s Godfrey St., 2 two-st'y dwells.;
owner, Joseph McNeill, 214 Haines St.
Buist's Ave., e Eighty-third St., two-st'y dwell.;
owner, Amos Greenway, Thirty-second St. and
Buist's Ave.
Edward St., w s, s Margaretta St., 7 two-st'y
dwells.; owner, Charles Roth, 408 West Hunting-
don St.
Ness St., n s, w Richmond St., three-st'y dwell.;
contractor, Charles Judge, 3014 Richmond St.
Second St., e s, s Cambria St., 22 two-st'y dwells.;
contractor, T. W. Smaltz, 1545 Hutchinson St.

BUILDING INTELLIGENCE.

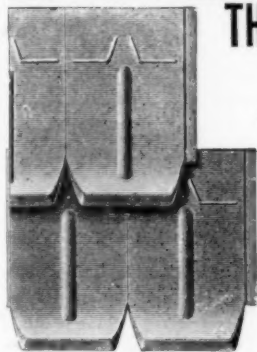
Muller St., e s, n Cambria St., 35 two-st'y dwells.;
contractor, T. W. Smaltz, 1545 Hutchinson St.
Clearfield St., n s, e Miller St., 9 two-st'y dwells.;
owner, Patrick Kane, 1532 North Nineteenth St.
Maraden St., w s, s Unruh St., 2 two-st'y dwells.;
owner, P. E. Costello, Tacony.
Unruh St., e s, s Tulip St., 4 two-st'y dwells.;
owner, P. E. Costello, Tacony.
Belgrade St., n w cor. William St., two-st'y
dwell.; owner, Rose Owens, Belgrade and William
Sts.
Franklin St., bet. Oxford and Folkrod Sts., 3 two-
st'y dwells.; contractor, Charles McCaul, 20 North
Eleventh St.
Kensington Ave., e s, s Somerset St., 4 three-st'y
dwells.; contractor, James Lent, 2538 Kensington
Ave.
Helen St., e s, s Somerset St., 5 two-st'y dwells.;
contractor, John J. Torpey, 2402 North Sixth St.
Venango St., s s, w Eleventh St., 2 two-st'y
dwells.; contractor, James Mole, 1707 Dounton St.
Cayuga St., No. 1732, rear, 5 two-st'y dwells.;
contractor, James Mole, 1707 Dounton St.
Third St., w s, n Indiana Ave., 21 three-st'y
dwells.; owner, Michael Magee, 1516 North Eighth
St.
Indiana Ave., n s, w Third St., 5 two-st'y dwells.;
owner, Michael Magee, 1516 North Eighth St.
Twenty-second St., e s, s Dauphin St., 28 three-
st'y dwells.; owner, Charles A. Warfield, 1807 North
Twenty-second St.
Fisher St., e s, n Cumberland St., two-st'y dwell.;
contractor, A. McClay, 3026 Richmond St.
Thompson St., n s, e Fifth St., 3 two-st'y dwells.;
contractor, George Kessler, 1542 Franklin St.
Fifteenth St., e s, n York St., 5 three-st'y dwells.;
owner, A. B. Millett, 2030 North Thirteenth St.
Marshall St., e s, n Venango St., 3 two-st'y
dwells.; contractor, L. R. Elliott, 1524 Stiles St.
Lawrence St., e s, n Indiana St., 3 two-st'y
dwells.; owner, Robert Buckman, 2025 North Twen-
ty-second St.
Third St., e s, n Ontario St., 5 two-st'y dwells.;
owner, M. H. Tuft, 2004 Westmoreland St.
Rosemont, Pa.—Two-st'y and attic frame country
dwell., in colonial style, for Dr. Arthur Van Har-
lingen.
Somerville, Mass.—Winter Hill, two frame dwells.,
32' x 40'; cost, abt. \$4,500; owner, F. W. Downer;
contract to be let; architect, Tristram Griffin,
Boston.
Wheatland and Jacques Sts., frame dwell., 29' x
30'; owner, M. J. Coneeny; builder, Wm. E. Jones.
Columbus Ave., frame dwell., 34' x 40'; owner,
John L. Ambrose; builder, George E. Ricker.
Albion St., frame dwell., 29' x 35'; owner, Alonzo
B. Cushing; builder, Isaac Scherman.
Green St., frame dwell., 29' x 25', with L, 12' x

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most practical side-lock ever invented.**Thorn Shingle & Ornament Co.,**

1227 Callowhill St., Philadelphia, Pa.

BUILDING INTELLIGENCE.21st; owner, John Alexander; builder, Henry A. Christopher.

Medford St., near Prospect Hill Ave., frame dwell., 28' x 43'; owner, E. P. Higgins; builder, G. M. Starbird.

Medford St., near Prospect Hill Ave., block of two frame dwells., each 20.7' x 56.3'; owner, Chas. Callahan; builder, G. M. Starbird.

Hathorn St., two blocks of frame dwells., each block 28' x 43'; owner, Minnie K. Huderhill; builder, Mark Leighton.

Bonair St., No. 13, frame dwell., 22' x 50'; owner, Wm. Crocker; builder, James T. Chisholm.

Appleton St., Ward 4, block of two frame dwells., 30' x 45.6', with projections; owner, Wm. Egin; builders, Edwin K. & Wm. E. Blaikie.

William St., two frame dwells., each 26' x 36'; owner and builder, Joseph Miller.

Francesca Ave., frame dwell., 25' x 36'; owner and builder, Daniel E. Robbins.

Moore St., frame dwell., 28' x 32'; owner, Eugene L. Russell; builder, A. S. Teale.

Albion St., frame dwell., 22' x 28', with L, 14' x 16'; owner, S. S. Higgins; builder, Robert H. Colluppy.

Hudson St., near Central St., frame dwell., 24' x 28', with L, 18' x 18'; owner and builder, J. E. Paul.

Durham St., frame dwell., 22' x 30'; owner, John O'Brien; builder, George K. Rickar.

St. Louis, Mo.—Vanderer Pl., brick and stone dwell., 34' x 68'; cost, abt. \$17,951; owner, Mrs. Mary R. Shepley; masons, W. H. O'Brien & Co.; architects, Shepley, Rutan & Coolidge, Boston.

Two-sty brick dwell.; cost, \$5,000; owner and contractor, H. W. Boone.

Two-sty brick dwell.; cost, \$5,000; owner, C. W. McFarland; contractor, H. W. Boone.

Two-sty brick dwell.; cost, \$8,000; owner and contractor, J. Farrar.

Two-sty brick dwell.; cost, \$2,900; owner, T. O. Labarge; contractors, T. O. Labarge & Co.

Two-sty brick dwell.; cost, \$5,000; owners, J. Byrne, Jr. & Co.; contractors, J. B. Labarge & Co.

Two-sty brick dwell.; cost, \$9,000; owners, J. Byrne, Jr. & Co.; contractors, J. B. Labarge & Co.

Two-sty brick and mansard brick dwell.; cost, \$14,000; owner, L. Garvey; contractor, W. C. Popp.

Two-sty brick dwell.; cost, \$6,700; owner, Thos. Ferrenbach; contractor, F. W. Loffhagen.

Two-sty brick dwell.; cost, \$5,000; owner and contractor, Wm. L. Balson.

Two-sty brick dwell.; cost, \$6,000; owner, Arthur Bell; sub-let.

Two-sty brick dwell.; owner, \$3,800; owner, Anna Frauning; contractor, C. H. Poertner.

Wallingford, Pa.—Three-sty frame country dwell. for A. Bell Austin, Esq.; cost, \$5,500.

Winthrop Junction, Mass.—Two frame dwells., one 32' x 35', and one 30' x 42'; owners, Boston Land Co.; builder, W. L. Hayden; architect, Willard M. Bacon, Boston.

Woodbury, N. J.—Stone and frame country house for Henry Taylor, Esq.

RAILROAD BUILDINGS.

St. Louis, Mo.—One-sty brick power-house; cost, \$8,500; owners, Lindell Railway Co.; contractors, Bonsack & Co.

Tarrytown, N. Y.—Stone railway station, 32' x 110', for New York Central & Hudson River R.R.; cost, abt. \$34,492; builders, Norcross Bros.; architects, Shepley, Rutan & Coolidge, Boston.

SCHOOL-HOUSES.

Chicago, Ill.—Board of Education, three-sty school-house, 704-710 Throop St.; cost, \$70,000.

New York, N. Y.—Tenth Ave., No. 1095, four-sty brick school, tin roof; cost, \$150,000; owner, City of New York; architect, George W. Debevoise, 146 Grand St.

STABLES.

Boston, Mass.—Winship St., rear, near Peaceable St., Ward 25, two-sty frame stable, 32' x 32'; owner, James Gulligan; builder, W. Tobin.

East First St., rear, near I St., Ward 14, two-sty frame stable, flat roof, 36' x 97'; owner, Mrs. D. P. Smith; builder, J. N. Smith.

Winship Pl., near Washington St., Ward 25, two-sty frame stable, pitch roof, 30' x 45'; owner, David Collins estate; builder, C. A. Prouty.

Brooklyn, N. Y.—Havemeyer St., e s, 92' 6" x South Ninth St., two-sty brick private stable, slate and tin roof; cost, \$5,000; owner, C. G. Moller, 222 South Ninth St.; architect, John Mumford, 16 Court St.

Merchantville, N. J.—Stone stable for Dr. Bartine.

St. Louis, Mo.—Two-sty brick stable; cost, \$3,000; owner, A. Griesdieck; contractor, C. Wehking.

STORES.

Camden, N. J.—Kaighn's Ave., No. 312, brick store; owner, Samuel K. Hires.

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brick tenements, tin roofs; cost, \$48,000; owners, Geo. & Jno. Schreiner, Jr., 512 East Eighty-fourth St.; architect, Edward Wenz, 1491 Third Ave.

Providence, R. I.—Bridgman St., frame tenement; cost, \$8,000; owner, C. M. Sheldon; builder, Asaph Wilder.

WAREHOUSES.

Baltimore, Md.—The Safe Deposit & Trust Co. will build a four-sty brick warehouse, rear e s Sharp St., bet. Baltimore and Lombard Sts.

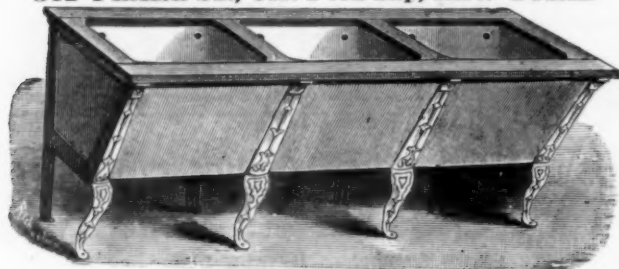
George Dufur will build a five-sty brick warehouse, w Lerew Alley, bet. Saratoga and Mulberry Sts.

Detroit, Mich.—Henry Carew, six-sty brick warehouse, 1022 Jefferson Ave.; cost, \$20,000.

New York, N. Y.—Bleecker St., No. 130, six-sty brick, iron and stone warehouse; cost, \$40,000; owner, George R. Read; architect, Oswald Wirz.

St. Louis, Mo.—Two frame warehouses; cost, \$5,500; owners and contractors, St. Louis Hay Ex.

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BUILDING INTELLIGENCE.

MISCELLANEOUS.

Baltimore, Md.—The Maryland Club will build a three-story stone and brick club-house, s e cor. Charles and Eager Sts.

Boston, Mass.—Portland St., No. 51, brick and stone mercantile building, 30' x 90'; owners, H. N. and Geo. O. Jenkins; contract to be let; architect, Tristram Griffin, Boston.

Brooklyn, N. Y.—The House Committee on Public Buildings and Grounds at Washington has reported a bill amending the law authorizing the erection of a Federal Building in Brooklyn so as to permit of the construction of a one-story extension on the north side, to facilitate the handling of the mails.

The Brooklyn, E. D., builders have established an Exchange.

Wm. H. Goodyear has arranged to give a course of lectures, illustrated by stereoscopic views, on American architecture at the Brooklyn Institute every Tuesday evening, beginning May 6. The subject of the first discourse will be: "The Formal Styles of Architecture Incorporated in America, and the Renaissance Style as used in Recent and American Buildings."

Chicago, Ill.—W. Blair, laundry with barn attached, 550 Wabash Ave.; cost, \$2,000.

Cincinnati, O.—Young Men's Christian Association, building, 70 Walnut St.; cost (cellar foundation only), \$3,273; architect, J. W. McLaughlin.

Detroit, Mich.—Peter Dedericks, Jr., three-story brewery, 872 Ripette St.; cost, \$20,000.

Little Rock, Ark.—Home Water Co., brick pump-house; cost, \$6,000; architect, Fred J. H. Rickon.

Philadelphia, Pa.—Gray's Ferry Ave., n s, w Thirty-sixth St., six buildings; owners, Philadelphia Packing Co., 914 Chestnut St.

Vine St., s s, w Sixtieth St., five new fronts; contractor, Lewis Havens, 518 Girard Building.

Delaware Ave., w Bristol Pike, 3 one-story kitchens; contractor, C. W. Felter, Holmesburg.

Cresson St., n s, e Schurz Lane, one-story smith-shop; owner, James Walsh, 3920 Terrace St.

Taylor St., s Emerald St., two-story boiler-house and stack; owners, Firth & Foster Bros., Taylor and Emerald Sts.

Twenty-second St., n s, n Arch St., 2 two-story back buildings; owner, W. H. Abbott, 20 North Seventh St.

Salmon St., s s, n Leveve St., one-story shop; owners, J. L. Gillingham & Bro., 4506 Richmond St.

Germantown Ave., w s, s Somerset St., three-story shop; owner, A. T. Hartman, 1035 Indiana Ave.

Washington Ave., s s, w Eleventh St., three-story storehouse; owners, Hall & Garrison, 1123 Washington Ave.

BUILDING INTELLIGENCE.

St. Louis, Mo.—Two-story brewery; cost, \$8,400; owners, St. Louis Brew. Assn.; contractor, C. Welking.

One-story brick oil-mill; cost, \$5,000; owners, M. C. Pt. & Col. Co.; contractors, J. Stewart & Co.

Frame elevator; cost, \$10,000; owners, M. C. Pt. & Col. Co.; contractors, J. Stewart & Co.

PROPOSALS.

May 1, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 23d day of May, 1890, for all the labor and materials required to construct coal-vaults for the United States Court-House and Post-Office building at Rochester, N. Y., in accordance with the drawing and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time fixed for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. JAS. H. WINDRIM, Supervising Architect. 751

May 3, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 31st day of May, 1890, for all the labor and materials required to put in place all the brick and terra-cotta floor-arches, terra-cotta wall-furring, partitions and covering for iron columns, wood-floor strips, concrete filling, etc., required for the United States Court-House, Post-Office, etc., building at Denver, Col., in accordance with the drawings and specifications, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time fixed for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. JAS. H. WINDRIM, Supervising Architect. 751

May 2, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 27th day of May, 1890, for all the labor and material required to complete the low-pressure, steam-heating and mechanical ventilating apparatus for the United States Post-Office, Court-House, etc., building at Manchester, N. H., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$100. The Department will reject all

COL. GEORGE E. WARING, JR., C. E. etc., in his recent work on Sewerage and Land Drainage, in speaking of traps liable to siphonage, says: "the best remedy would be to supply the defective traps at their summits with McClellan's Mercury Seal-Trap Vent, a perfectly safe device, of little cost, simple and easy of application, and sure to supply air when needed."

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April 23, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 26th day of May, 1890, for the several branches of labor and materials required for the erection and completion of the United States Post-Office, Custom-House, etc., building at Camden, N. J. (except heating apparatus), including approaches, 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. Each bid for each branch of the work must be accompanied by a certified check for \$100. The Department will reject all bids received after the time fixed for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. JAS. H. WINDRIM, Supervising Architect. 750

April 23, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 21st day of May, 1890, for all the labor and materials required for the approaches to the United States Post-Office, Court-House, etc., building at Manchester, N. H., in accordance with the drawings and specifications, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time fixed for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. JAS. H. WINDRIM, Supervising Architect. 750

YELLOW PINE.

[At Washington, D. C.]

Sealed proposals, indorsed "Proposals for Lumber for the Washington Navy Yard, to be opened May 22, 1890," will be received at the Bureau of Provisions and Clothing, Navy Department, Washington, D. C., until 12 o'clock, noon, May 22, 1890, and publicly opened immediately thereafter, to furnish at the Washington Navy Yard a quantity of white and yellow pine, white lead, nails, etc.

All of the above articles must conform to the Navy standard and pass the usual naval inspection.

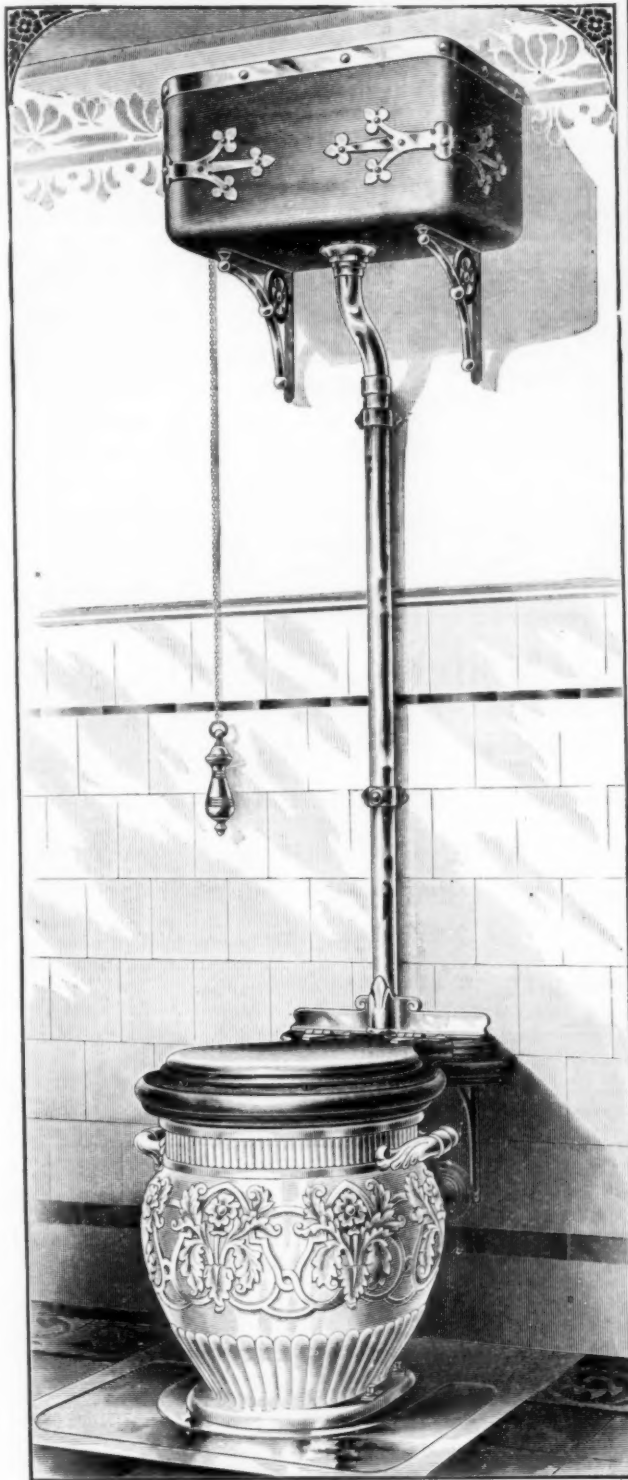
Blank proposals will be furnished upon application to the Commandant of the Navy Yard, Washington, D. C., or to the Bureau.

The Department reserves the right to reject any or all bids not deemed advantageous to the Government.

THOS. H. LOOKER,
Paymaster General, U. S. Navy.

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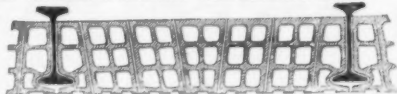
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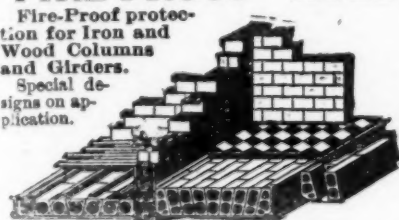
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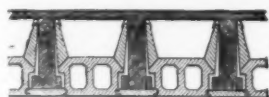
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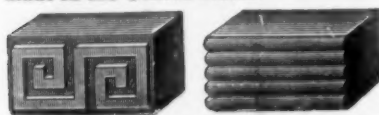
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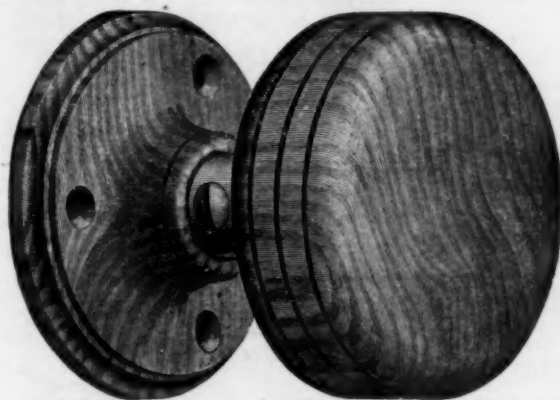
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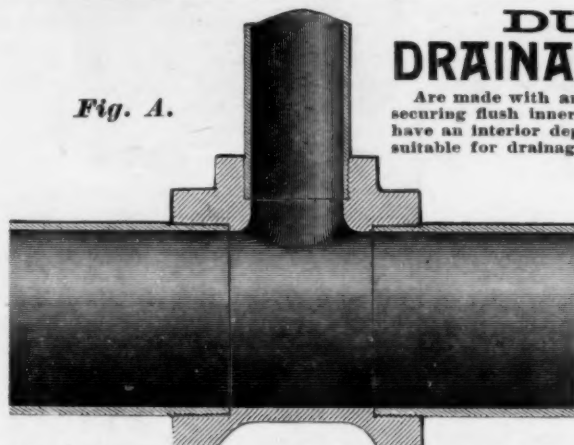
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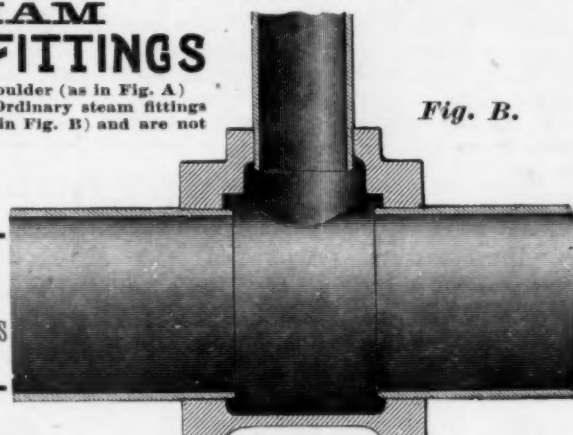
Fig. A.



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Fig. B.



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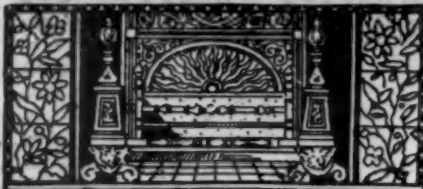
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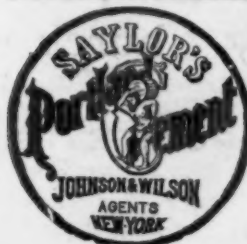
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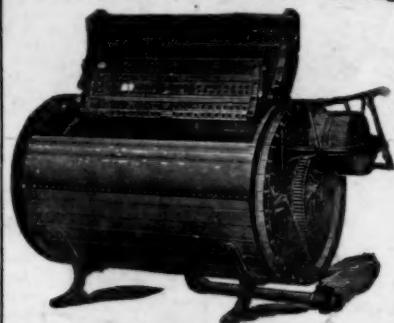
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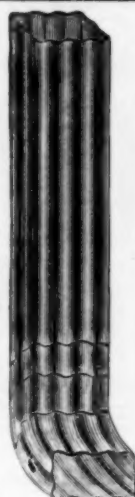
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Cypress.....

Clapboards:

Pine.....

Spruce.....

Framing Timber:

Pine.....

Spruce.....

Hemlock.....

Yellow pine.....

Laths:

Pine.....

Spruce.....

Shingles:

Pine, shaved..... P. M.

Pine, sawed.....

Spruce, sawed.....

Redwood..... P. M.

Cedar, split..... P. M.

Cedar, sawed..... P. M.

Cypress, Split..... 7 x 24. "

Miscellaneous:

Piles..... P. ft.

Fence pickets, Common.....

Cedar posts, 9 ft. (sq. posts).....

Chestnut.....

Finishing Woods: P. M. (First Qual.)

Ash..... (Kiln-dried.)

Cherry.....

Butternut.....

Hard-pine floors (rift).....

Mahogany, Baywood [Mexican].....

" St. Domingo.....

Maple.....

Oak, red.....

" white.....

" quartered.....

Sycamore quartered.....

Pine, clear.....

Redwood.....

Rosewood..... P. M.

Spruce floors (clear, kiln-dried).....

Walnut, black.....

Whitewood.....

Yellow pine..... P. M.

(Wholesale Prices.)

(Price to Builders and Contractors.)

65 00 @ 75 00

55 00 @ 60 00

18 00 @ 22 00

13 00 @ 25 00

13 00 @ 15 00

25 00 @ 35 00

20 00 @ 40 00

40 00 @ 60 00

25 00 @ 45 00

14 00 @ 18 00

12 00 @ 16 00

18 00 @ 21 00

2 25 @ 2 35

2 25 @ 2 50

5 00 @ 6 00

4 00 @ 5 00

1 50 @ 2 00

1 40 @ 1 60

2 00 @ 4 00

2 00 @ 4 00

5 00 @ 6 00

4 1 @ 5 1

8 00 @ 10 00

25 00 @ 50 00

25 00 @ 50 00

45 00 @ 60 00

80 00 @ 120 00

40 00 @ 60 00

150 00 @ 200 00

120 00 @ 150 00

45 00 @ 50 00

50 00 @ 55 00

50 00 @ 55 00

50 00 @ 55 00

50 00 @ 55 00

50 00 @ 55 00

50 00 @ 55 00

50 00 @ 55 00

50 00 @ 55 00

50 00 @ 55 00

50 00 @ 55 00

50 00 @ 55 00

50 00 @ 55 00

30 00 @ 37 00

25 00 @ 28 00

14 00 @ 20 00

Not sold.

12 00 @ 15 00

Not sold.

10 00 @ 13 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

P. 10 00 @ 18 00

9 00 @ 21 00

Not sold.

20 00 @ 40 00

80 00 @ 100 00

50 00 @ 60 00

150 00 @ 200 00

200 00 @ 250 00

18 00 @ 35 00

32 00 @ 40 00

22 00 @ 40 00

45 00 @ 50 00

35 00 @ 50 00

35 00 @ 50 00

55 00 @ 60 00

55 00 @ 60 00

55 00 @ 60 00

55 00 @ 60 00

55 00 @ 60 00

55 00 @ 60 00

55 00 @ 60 00

55 00 @ 60 00

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

P. 10 00 @ 18 00

9 00 @ 21 00

Not sold.

30 00 @ 40 00

80 00 @ 100 00

50 00 @ 60 00

150 00 @ 200 00

200 00 @ 250 00

25 00 @ 55 00

45 00 @ 55 00

45 00 @ 55 00

45 00 @ 55 00

45 00 @ 55 00

45 00 @ 55 00

45 00 @ 55 00

45 00 @ 55 00

45 00 @ 55 00

45 00 @ 55 00

45 00 @ 55 00

45 00 @ 55 00

45 00 @ 55 00

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

P. 10 00 @ 18 00

9 00 @ 21 00

Not sold.

30 00 @ 40 00

80 00 @ 100 00

50 00 @ 60 00

150 00 @ 200 00

200 00 @ 250 00

25 00 @ 55 00

45 00 @ 55 00

45 00 @ 55 00

45 00 @ 55 00

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45 00 @ 55 00

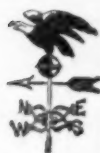
45 00 @ 55 00

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**HAY RACKS, MANGERS, ETC., ETC.**

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TOWER ORNAMENTS,
CHURCH CROSSES,
FINIALS, &c.Mailed to any address for 2-cent stamp—
half the postage.
T. W. JONES, Manufacturer,
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Stable Fixtures, send to Broad Gauge Iron Stall
Works, 53 Elm Street, Boston.**COPPER**
WEATHER
VANES.

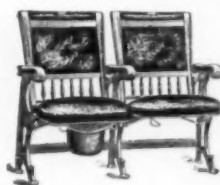
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Wrought Railings and Driveway
Gates, Stable Fittings, Crest-
ings and Finials.**A. B. & W. T. WESTERVELT,**

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cards desired.SOLE AGENTS FOR THE UNITED STATES OF
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Successors to JANENTZKY & WEBER.

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Branch House, 918 Olive Street, St. Louis, Mo.**BAILEY'S**
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SILVER-PLATED CORRU-GATED GLASS
REFLECTORS.
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lighting CHURCHES,
Halls, etc. Handsome
designs. Satisfaction
guaranteed.
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free. **BAILEY REFLECTOR CO.**
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Churches, Educational
Institutes, etc. Chairs
made from Architect's
designs. Catalogues and
Estimates cheerfully
furnished.**Drawing-Office.**Drawings rendered in line or
color with reasonable despatch.

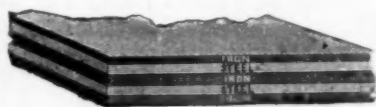
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LATH****DOUBLE TWIST WARP.****STIFFENED (Iron furred).****STANLEY CORRUGAT'D****STEVENS' RICID.****Plain, Japanned or Galvanized.**

The Most Perfect and Economic System of FIREPROOF Construction.

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cheap imitations of Worthington Pumps are being manufactured.
It is usually represented that they are made by us or from our pat-
terns, 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 im-
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marked with our trade name, the use of which by any other man-
ufacturer is unauthorized and illegal.**HENRY R. WORTHINGTON.****Welded Chrome Steel and Iron. (5 ply)****FOR SAFES, VAULTS, JAILS, ETC.****Positively Burglar-proof, cannot be Cut,
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Reported for the American Architect and Building News.

	New York.	Boston.	Chicago.	Philadelphia.
	(Wholesale Prices.)	(Prices to Builders and Contractors.)		
BRICK.—P. M.				
Common: Cargo float.				
Pale.....	3 00 @ 3 50			
Jersey.....	5 25 @ 6 75			
Long Island.....	7 00 @ 7 50			
Up River.....	6 50 @ 7 00			
Haverstraw Bay 2nd.....	7 00 @ 7 25			
1st.....	7 25 @ 7 75			
Hollow.....	13 00 @			
Fronts				
Croton, Brown.....	14 00 @ 15 00			
" dark.....	15 00 @ 16 00			
" red.....	16 00 @ 16 00			
Chicago pressed (Anderson).....				
Chicago Moulded.....	7 00 @ 41 00			
Baltimore.....	@ 22 00			
Philadelphia.....	@ 22 00			
Trenton.....	@ 22 00			
Milwaukee.....	@ 22 00			
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 10			
Louisville.....	Not sold.			
Utica, Akron, Buffalo, Milwaukee.....	2 50 @ 3 00			
Portland, English (Gibbs).....	2 50 @ 3 00			
" (K. B. & S.).....	2 25 @ 2 50			
" Black Crown.....	2 50 @ 2 80			
" (Barham).....	2 65 @ 3 00			
" (White's).....	3 00 @ 3 75			
" French (Lafarge).....	2 90 @ 3 25			
" German (Alsen).....	2 25 @ 2 40			
" (Fewer).....	2 50 @ 2 90			
" (Vorwöhler).....	2 90 @ 3 25			
" (Lagerdofer).....	2 50 @ 3 00			
" (Dyckerhoff).....	2 35 @ 2 85			
" (Hanover).....	2 15 @ 2 45			
" Stettin (Anchor).....	2 75 @ 3 00			
" American (Saylor's).....	5 75 @ 6 50			
Roman.....	9 25 @ 10 25			
Keene's coarse.....				
superfine.....				
Lime				
Lime of Tall.....	3 50 @ 4 00			
Hydraulic Lime.....	@ 1 45			
Chicago Lime in bulk.....				
Wisconsin.....	@ 1 00			
Rockland and Rockport, (Com.).....	@ 1 20			
Rockland and Rockport, finish.....	@ 1 20			
Kelley Island Lime, finish.....	@ 85			
State, com. cargo rates (nom.).....	@ 1 10			
State, finishing.....	1 20 @ 1 25			
Plaster of Paris (calcined).....	1 30 @ 1 35			
" (casting).....	12 @ 15			
Hair (Cattle) & bush.....	22 @ 25			
" (Goat).....	1 00 @ 1 25			
Sand, & local.....				
STONE.—(P. cubic foot, rough.)				
Granite: (Maine).....	45 @ 1 25			
Limestone:	@ 1 00			
Bedford.....	@			
Joliet.....	@			
Lamont.....	@			
Serpentine.....				
Eastern				
Building Brick.....	9 00 @ 10 00			
Hay State Hard.....	10 00 @ 10 10			
Domestic Com.....	9 50 @ 10 00			
Domestic Face.....	20 00 @ 22 00			
Philadelphia.....	40 00 @ 45 00			
Phila. mould.....	50 00 @ 80 00			
Anderson.....	14 00 @ 32 00			
Indiana Pressed				
14 00 @ 20 00				
St. Louis Fronts.....	@ 27 00			
15 00 @ 27 00				
65 00 @ 350 00				
45 00 @ 55 00				
45 00 @ 50 00				
25 00 @				
60 00 @ 100 00				
30 @				
35 @				
55 00 @ 65 00				
@ 100 00				
@ 120 00				
Not Sold.				
1 05 @ 1 30				
1 00 @ 1 25				
2 75 @ 3 25				
3 00 @ 3 25				
2 90 @ 3 15				
3 00 @ 3 25				
3 75 @ 4 25				
3 25 @ 3 50				
3 20 @ 3 40				
2 75 @ 3 00				
3 25 @ 3 50				
Not Sold.				
2 75 @ 3 00				
2 75 @ 3 25				
6 00 @ 7 00				
9 @ 10 50				
Not sold.				
55 @				
60 @				
Not sold.				
100 bulk, 75c.				
Not sold.				
1 55 @ 1 90				
1 85 @ 1 90				
20 @ 25				
30 @ 35				
@ 60				
White Lime				
25 @ 30 & bush				
White Mass				
1 25 @ 1 50				
1 00 @ 1 00				
Not sold.				
Not sold.				
1 50 @ 2 25				
1 75 @ 2 50				
20 @ 25				
30 @ 35				
@ 1 50				
55 @ 65				
75 @ 90				
Richmond				
75 @ 1 50				
4 50 @ Perch				

ADAMANT WALL PLASTER

Is the Best Material for Walls and Ceilings ever put before the public.

Best for the Owner. Best for the Contractor. Best for the Plasterer.

Its growth in popularity in the four years it has been upon the market, and the thousands of testimonials received amply prove this. The advantages are too numerous to detail here.

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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			
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		
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
Kibbo	@ 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 Ohio	75 @ 1 00	80 @ 90	45 @ 55	55 @ 1 00
Berlin	75 @ 1 00	80 @ 90	55 @ 65	
Bellerose	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1
New Brunswick (Dorchester)	80 @ 1 00	75 @ 90	"	1 00 @ 1
Caen	@ 1 05	@ 1 05	"	1 25 @ 1
Carlisle English	@ 1 05	@ 1 05	"	95 @ 1
Corso Hill (Scott)	@ 1 05	@ 1 05	"	
Marble (p cu. ft.)				
Leo Mass.	@	1 75 @ 2 50	Not sold.	2 00 @ 2 50
Rutland, white and blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	350 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	@	Not sold.	4 00 @ 4 50
Italian, blue-veined	@	@	@ 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 @ 6 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	5 50 @ 8 00	5 50 @ 8 0	7 30 @ 8 00	4 00 @ 4 65
" Unfading Black, Monson, Me.	@	@	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am.	@	@	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	6 1/2 @ 7	@ 7
" Zinc	5 @ 5 1/2	@ 5 1/2	6 @ 7	@ 7
Red lead, Am.	6 1/2 @ 7	@ 7	6 1/2 @ 7	@ 7
" Venetian	6 @ 10 1/2	7 @ 12	13 @ 2 1/2	dry Eng. @ 8
" Vermilion	65 @ 70	72 @ 75 dry	65 @ 68	Eng. @ 8
Red Indian, Eng.	12 @ 20	12 @ 20	12 @ 20	dry Am. @ 13
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	@ 12
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green, Paris	8 @ 13	8 @ 20	8 @ 20	@ 12
Green, lamp	25 @ 40	25 @ 40	18 @ 35	" 20 @ 25
Black, lamp	15 @ 25	15 @ 25	8 @ 30	@ 12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	@ 20
Oil, linseed, (raw)	60 @ 63	61 @ 62	57 @ 60	@ 58
" boiled	63 @ 66	64 @ 65	61 @ 63	@ 61
Turpentine	43 @ 44	41 @ 42	51 @ 51	@ 50
Varnish, coach	@	1 50 @ 6 00	1 25 @ 2 00	@ 3 00
Shellac	@	2 50 @ 3 00	2 25 @ 4 00	@ 2 75
Putty	2 @ 2	2 @ 4	92 @ 92 1/2	@ 2
Whiting	7 @ 1 00	1 @ 1 1/2	1 @ 1 1/2	@ 1 1/2
Paris white, (Eng.)	1 30 @ 2 00	2 @ 3	1 @ 2	@ 7
Litharge, Am.	14 @ 6	14 @ 20	6 @ 7	@ 14
Sienna (burnt)	14 @ 20	14 @ 20	2 @ 10	@ 12
Umber	@	@	@	@
HARDWARE.				
Nails: (Per Cask.) Spikes, (wrought.)	@ 2 85	@ 2 16	2 75 @ 3 00	pr kg @ 2 25
10d. common	@ 2 60	@ 2 35	@ 2 45	@ 2 30
Shingle	@ 3 35	@ 2 35	@ 2 85	@ 2 60
Lath	@ 4 85	@ 3 55	@ 3 75	3 60 @ 4 75
Finishing nails according to size.			Add .85 to \$1.15	per lb 4 @ 6
(For casing nails add 15c. per keg.)			".50 to .30	Add pr 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 @ 3 75	1 35 @ 2 75
Acorn, Japanned	@ 1 50	@ 50	Not sold.	48 @ 50
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 (or supboards)	@	@	@	@ 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	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	12 @ 16	75 @ 1 25
Solder:				
Sheet Lead	@	@ 6 1/2	@ 7	13 1/2 @ 16
Lead Pipe	@	@ 6	@ 6 1/2	6 @ 6
Iron:				
I-Beams, up to and including 30 ft...	3 3-10 @ 3 1/2	@ 3 1-10	3 20 @ 3 70	@ 2 8-10
T-Beams, over 30 ft. 1/2, 1, 1 1/2 c. advance.	3 3-10 @ 3 1/2	@ 3 1-10	@	@ 2 8-10
Channel Beams	@	@	@	@ 2 8-10

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 Pure Ready-Mixed Paints

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Sample cards, containing fifty desirable shades sent on application.

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Vaults can be made as valuable for habitation or business purposes as any other portion of the building, by the use of the only perfect

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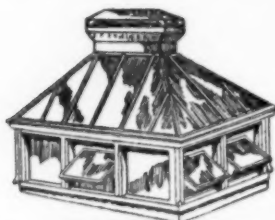


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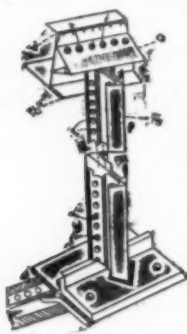
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BROOKLYN, N. Y.

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SOLE MANUFACTURER OF

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Pat. Oct. 8th, 1889.

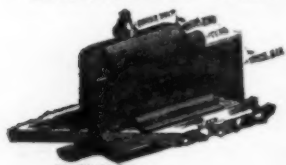
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Galvanized Iron and Sheet Metal Work.

Estimates furnished.

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SKYLIGHTS!! GLASS ROOFS!! Greenhouses! Conservatories!



Patent Bars of steel, zinc or copper, guaranteed water-tight and free from drip.

Illustrated Catalogue on application.

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Heating Apparatus.



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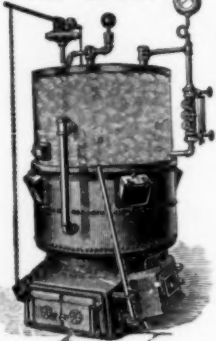
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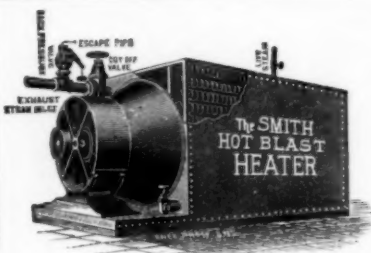
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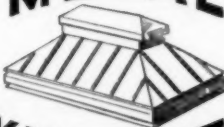
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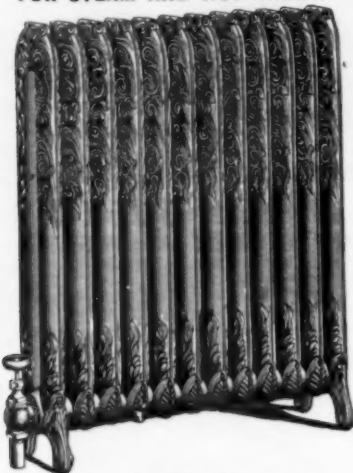
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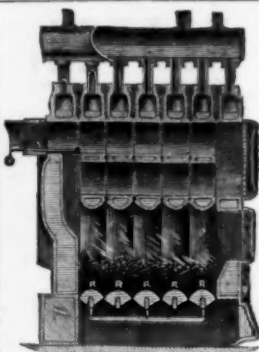
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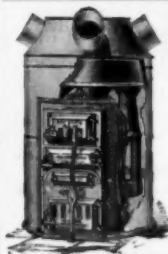
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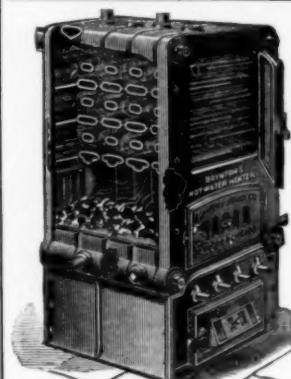
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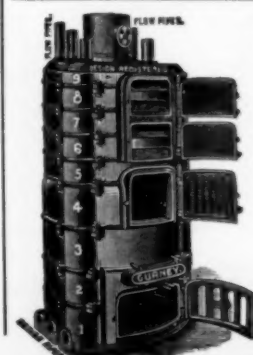
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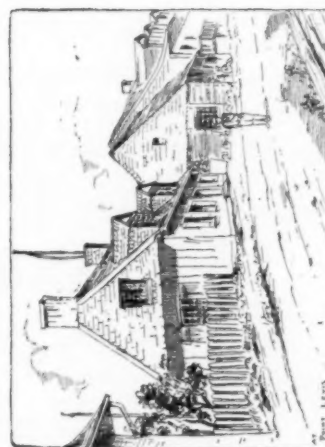
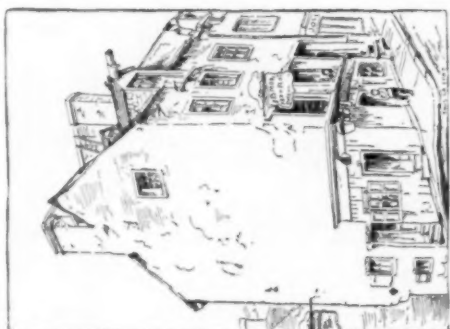
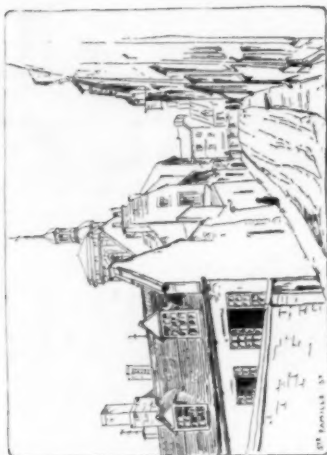
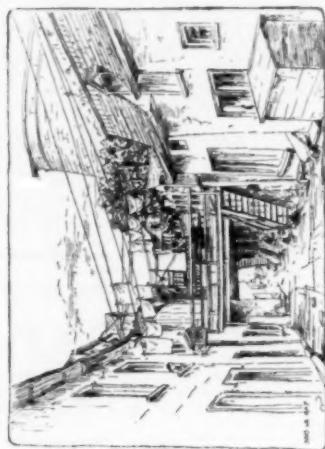
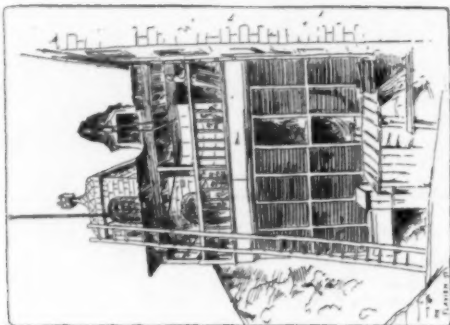
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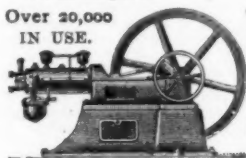
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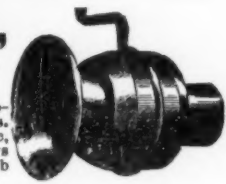


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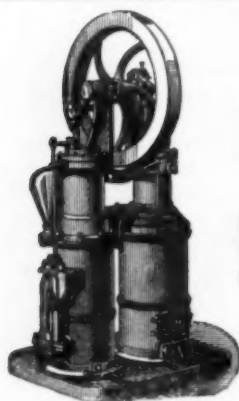
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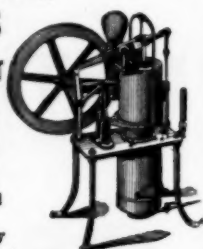
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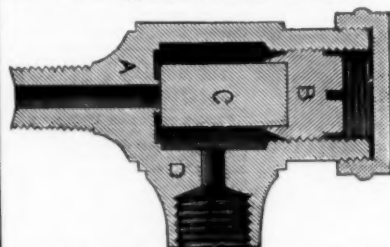
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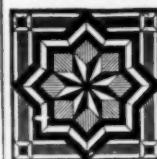
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There may be a dozen other buildings in the United States that are properly varnished; there may be a hundred.

There are thousands on thousands of carriages. The pianos of certain makers are varnished perfectly.

There are thousands on thousands of carriages varnished to sell and "go off" in a month or two or three. There are pianos innumerable that are varnished for profit to somebody else than the owner.

All we are saying is that pianos and carriages are ahead of houses in varnish. The same is true of cars. They are varnished about as they are made. If a car is made well, it is varnished well.

What surprises us is to see Architects doing good work in other respects and slighting their varnish.

We have nothing to say to poor makers, whether of carriages, houses, cars, or pianos, unless it be a kindly exhortation to turn from their ways in general; but to good makers of everything, good in other respects but bad with regard to varnish, we have this to say; You are wasting good work.

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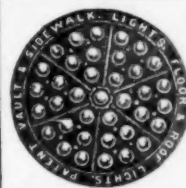
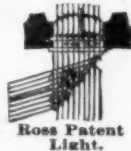
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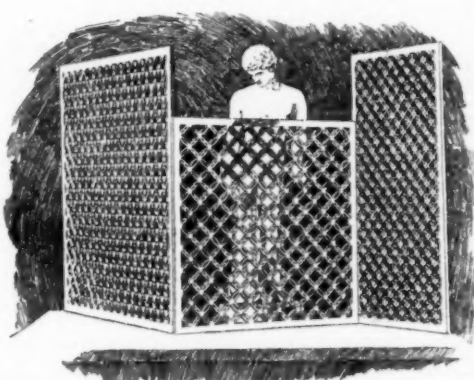
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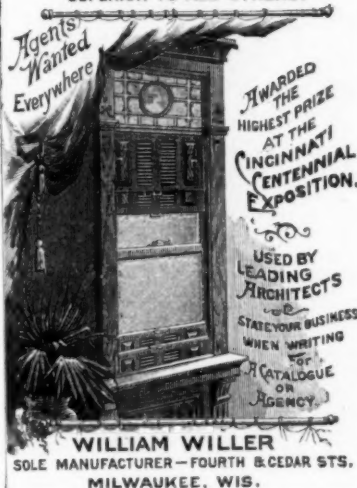
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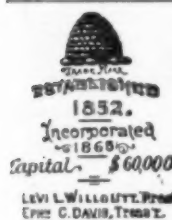
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dwell., flat roofs, 23' x 53'; owner and builder, S.
M. Shapleigh.Minden St., near Day St., Ward 22, three-sty
frame dwell., flat roof, 23' x 38'; owner, Elizabeth
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wick Ave.; architects, Wm. Field & Son, 1030 Gates
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tect, J. J. Gilligan, 92 Park Pl.Gates Ave., s s, 200' e Patchen Ave., 5 four-sty
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tects, D. Acker & Son, 752 Broadway.Barbey St., w s, 160' n Arlington Ave., two-sty
frame dwell., shingle roof; cost, \$4,000; owner,
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frame dwell., shingle roof; cost, \$3,020; owner,
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architect, Charles Infanger, 68 Van Sicken Ave.McDonough St., n s, 250' e Ralph Ave., 5 two-sty
and basement brick dwell., tin roofs; cost, each,
\$4,000; owner, Thos. H. Radcliffe, 826 Fulton St.;
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and basement brick dwell., tin roofs; cost, \$12,000;
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tect, Mr. Lessing, Broadway.Herkimer St., n s, 311' e Nostrand Ave., 5 three-sty
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tect, F. B. Langston, 1225 Bedford Ave.Judge St., w s, 30' n Powers St., 2 three-sty frame
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tin roofs; cost, \$9,000; owner, Peter McAvoy, 17
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roof; cost, \$3,800; owner, Patrick Fitzpatrick, 76
Steuben St.; architect, F. J. Berlenbach, Jr., 174
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frame dwell., gravel and tar roof; cost, \$4,100;
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dwell., Madison St.; cost, \$3,000; architects, G. &
A. Brink.Fred Schroder, two-and-one-half-sty dwell.,
Jefferson Ave.; cost, \$3,200; architect, J. J.
Rueckert.Eleonore Bingham, two-and-one-half-sty dwell.,
Euclid Ave.; cost, \$4,000; architects, Rieg & Marty.Fred. Dunker, two-and-one-half-sty dwell.,
Shillito Ave.; cost, \$2,500; architects, G. & A. Brink.Wm. D. Wies, two-and-one-half-sty dwell., Mc-
Cormic Pl.; cost, \$2,800; architect, E. H. Merz.C. M. Fenner, 3 two-sty building, Linden St.;
cost, \$4,500; architect, J. O. Woodward.Malden, Mass.—Highland Ave., frame dwell., 26' x
34', furnace heat; owner, Geo. E. Durgin; contract
to be let; architects, Geo. F. Loring and Sanford
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Stephenson, Boston; builder, Charles H. Robinson.New York, N. Y.—Fifty-second St., n s, 300' e
Eleventh St., 3 five-sty brick dwell., tin roofs;
cost, \$54,000; owner, Francis J. Schnugg, 9 East
Eighty-fifth St.; architect, Louis Entzer, Jr., 179
East Ninety-sixth St.Eagle Ave., No. 353, two-sty brick dwell., tin
roof; cost, \$4,500; owner, Margaret Brown, 567
Eagle Ave.; architect, Henry Bruns, 568 East One
Hundred and Fifty-first St.One Hundred and Forty-seventh St., n s, 100' w St.
Nicholas Ave., 5 three-sty brick dwell., tin roofs;
cost, \$45,000; owner, C. S. Andrews, One Hundred
and Seventy-sixth St. and Fort Washington Rd.;
architect, John P. Leo, Beckman St. and Park Row.Fifty-eighth St., s s, 100' w Eighth Ave., 2 four-
sty brick dwell., mansard, slate and tin roofs;
cost, \$40,000; owner, C. T. Barney, 101 East Thirty-
eighth St.; architect, Joseph H. Taft, 41 East
Twentieth St.One Hundred and Twenty-fifth St., s e cor. Seventh
Ave., three-sty brick dwell., tin roof; cost, \$19,000;
owner, George Hillen, 38 East Fourteenth St.;
architect, Wm. H. Hume, 2 West Fourteenth St.Seventy-third St., s s, 100' e Ninth Ave., 9 four-sty
brick dwell., tin roofs; cost, \$270,000; owner, Fred.
G. Bourne, Seventy-second St. and Eighth Ave.;
architect, Geo. H. Griebel, 247 West One Hundred
and Twenty-fifth St.Seventy-first St., n s, 275' w Eighth Ave., 4 four-
sty brick dwell., tin roofs; cost, \$92,000; owner,
Leopoldine Frankenhimer, 112 West Sixty-fourth
St.; architects, Cleverdon & Putzell, 529 Broadway.One Hundred and Twenty-eighth St., s s, 100' e Fifth
Ave., three-sty brick dwell., tin roof; cost, \$15,000;
owner, Mary F. Newgeon, 62 East One Hundred and
Twenty-eighth St.; architects, A. B. Ogden & Son, 1031
Madison Ave.

BUILDING INTELLIGENCE.

Eighty-fourth St., s s, 325th w Eighth Ave., 3 four-sty brick dwells, tin roofs; cost, \$51,000; owners, I. & S. Wormser, 836 Fifth Ave.; architects, D. & J. Jardine, 1262 Broadway.

Seventy-fifth St., n s, 2,000th e Ninth Ave., 8 four-sty brick dwells; cost, \$220,000; owner, John C. Umberfield, 216 East Sixty-first St.; architect, Geo. M. Walgroove, 99 Nassau St.

North Attleboro, Mass.—Frame dwell., 40' x 52', old colonial style, steam heating; cost, \$8,500; owner, Dr. F. W. Draper; architects, George F. Loring and Sanford Phipps, Boston; builder, E. S. Cargill.

North Reading, Mass.—Frame dwell., 30' x 34', hot-water heating; owner, A. P. Upton; contract to be let; architect, Edwin J. Lewis, Jr., Boston.

Providence, R. I.—*Parsonage St.*, frame dwell. for estate of Ephraim Richmond; architect, W. H. Colwell; builder, John A. Wells.

Governor St., frame dwell.; owner, W. H. Hinds; architect, F. E. Field.

Waterman St., frame dwell.; owner, Freeborn Coggeshall; architects, Stone, Carpenter & Willson; builders, Barney & Son and Henry W. Goff.

Whitmarsh St., frame dwell.; owner, Harvey Huestis; architects, Stone, Carpenter & Willson; builder, John W. Briggs.

Hope and Manning Sts., frame dwell.; owner, Mrs. Howard O. Sturgis; architects, Gould & Angell; builder, Henry W. Goff.

North Main St., frame dwell.; cost, \$5,000; owner, Wm. Rosenthal; architect, Geo. W. Cady; builder, E. T. Sanford.

Lexington Ave., two-sty frame dwell.; cost, \$4,000; owner, George R. McAulan; builder, Henry W. Goff.

Smith and Carroll Sts., frame dwell. and store; owner, Howard M. Whipple; architects, Gould & Angell; builder, Samuel Dinsmore.

Atlantic St., frame dwell.; cost, \$3,000; owner, F. M. Andrews.

Stanford St., brick dwell.; owner, Fred A. Ray.

Knight and Brighton Sts., frame dwell.; owner, D. H. Westman; architects, Gould & Angell; builder, John F. Arnold.

Humboldt Ave., frame dwell.; cost, \$8,000; owner, Mrs. Ida E. Abour; builder, A. T. Card.

Hope and Wickendea Sts., frame dwell. and store; cost, \$4,000; owner, G. E. B. Fairbanks and wife.

Whitmarsh St., frame dwell.; owner, Anthony J. Rausch; architect, W. H. Colwell; builder, Oscar F. Lee.

Lilac and Brattle Sts., two frame dwells.; owner, W. Steere; builder, M. Mann.

Philadelphia, Pa.—*Glenock St.*, n Unruh St., 2 two-sty dwells.; owner, P. E. Costello, Tacony.

Tabor St., n s, e Second St., three-sty dwell.; owner, Mrs. Frances Clegg, Olney.

Queen Ln., n s, e Thirty-fifth St., three-sty dwell.; contractors, Snyder & Rheinhardt, Falls of Schuylkill.

Pomona St., n s, e Hancock St., two-sty dwell.; contractor, W. J. Grubler, 46 Herman St.

Osborne St., s s, w Ridge Ave., 9 two-sty dwells.; contractor, John Simpson, 1719 Christian St.

Germananton Ave., w s, s Roberts Ave., two-sty dwell.; owners, C. D. & A. Lynch, 4361 German-ton Ave.

North Sixteenth St., No. 1524, four-sty dwell.; contractor, Porter Thompson, 2037 Filbert St.

North Broad St., No. 1428, four-sty dwell.; contractor, James Caven, 1611 Green St.

Chelsea St., s s, w Fisher's Ave., two-sty dwell. and store; contractor, James Evans, 5550 Race St.

Unruh St., e s, s State Rd., 2 two-sty dwells. and stores; contractor, Amos W. Linn, 4767 Garden St.

Twelfth St., w s, n Dauphin St., two-sty dwell. and store; owner, John J. Tracy, 1643 South Seventeenth St.

Susquehanna Ave., s s, w Eighteenth St., 10 three-sty dwells. and stores; owner, Thomas H. Parks, Eighteenth and Diamond Sts.

Third St., n Indiana Ave., 2 three-sty dwells. and stores; owner, Michael Magee, 1516 North Eighth St.

Osborne St., s s, w Ridge Ave., three-sty dwell. and store; contractor, John Simpson, 1719 Christian St.

Reese St., e and w s, n Westmoreland St., 8 two-sty dwells.; contractor, George V. Gunn, 1204 West Lehigh Ave.

Paul St., w s, s Unity St., two-sty dwell.; contractor, Benjamin Taylor, 4520 Paul St.

Ontario St., s s, w Twentieth St., two-sty dwell.; contractor, David A. Stroud, 2419 Fair Hill St.

Seventeenth St., w s, n Ontario St., 14 three-sty dwells.; contractor, D. R. Evans, 1614 Ontario St.

Green Ln., e York Rd., two-sty dwell.; owner, George W. Boyer, Milstown.

Thirty-eighth St., w s, n Brown St., 10 two-sty dwells.; owner, James M. Kelly, 888 North Fortieth St.

Brown St., n s, w Thirty-eighth St., 26 two-sty dwells.; owner, James M. Kelley, 888 North Fortieth St.

Krail and Queen Sts., 3 three-sty dwells.; owner, Henry J. Becker, 3537 Fairview St.

Twenty-first St., w s, s Reed St., two-sty dwell.; contractor, James W. Hare, 1307 South Seventeenth St.

Broad St., e s, s Tasker St., 2 three-sty dwells.; contractors, Doyle & Doak, 1511 Moravian St.

Thirty-fifth St., e s, n Fairmount Ave., 4 two-sty dwells.; owner, Timothy Maher, 703 North Thirty-fifth St.

Fairhill St., w s, s Cambria St., 3 two-sty dwells.; owner, Silas Walton, 429 Susquehanna Ave.

Carlisle St., w s, n Dauphin St., two-sty dwell.; contractor, John Weible, 2324 North Ninth St.

Twelfth St., w s, n Dauphin St., 9 two-sty dwells.; owner, John J. Tracy, 1643 South Seventeenth St.

Eighteenth St., w s, s Susquehanna Ave., 12 three-sty dwells.; owner, Thos. H. Parks, Eighteenth and Diamond Sts.

Thirty-eighth St., w s, n Filbert St., three-sty dwell.; contractor, Edward Davis, 863 North Fortieth St.

Forty-fifth St., e s, s Parrish St., three-sty dwell.; owner, F. S. Dickson, 513 Girard Building.

Dudley St., n and s s, e Front St., 28 two-sty dwells.; contractor, John P. Leonard, 812 North Twenty-seventh St.

Daly St., n and s s, e Tenth St., 30 two-sty dwells.; owner, T. P. Simpson, s w cor. Nineteenth and Wharton Sts.

Tree St., n and s s, e Tenth St., 21 two-sty dwells.; owner, T. P. Simpson, s w cor. Nineteenth and Wharton Sts.

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Carpenter St., No. 2115, two-sty dwell.; contractors, Doyle & Doak, 1512 Moravian St.

Twentieth St., w s, n Tasker St., 2 two-sty dwells.; owner, Wm. Henderson, 1930 Ellisworth St.

Twenty-fourth St. and De Lancy Pl., three-sty brick and brownstone dwell., copper trimmings; owner, C. Bell, Esq.

Twenty-fourth St. and De Lancy Pl., three-sty brick and brownstone dwell., copper trimmings; owner, John Stafford, Esq.

Oak Ln., N. P. R. R., stone and frame country house, slate roof; owner, H. Becker, Esq.

Tree St., n s, w Twelfth St., 17 two-sty dwells.; owner, Saml. Chestnut, 1247 South Seventeenth St.

Latona St., n s, w Thirty-second St., 14 two-sty dwells.; owner, H. E. O'Brien, 728 South Nineteenth St.

Twenty-second St., n w cor. Green St., three-sty dwell.; contractors, Stacy Reeves & Sons, 1611 Filbert St.

Sixth St., w s, n Norris St., 4 two-sty dwells.; owner, Mary E. Broomall, 2011 North Seventh St.

Twentieth St., n w cor. Hamilton St., 2 three-sty dwells.; contractors, John Beatty & Son, 2114 Green St.

Twenty-first St., No. 2851, two-sty dwell.; owner, Conrad Meyer, 2837 North Twenty-first St.

Elm St., w s, s Girard Ave., two-sty dwell.; owners, Hasson & Baldwin, 58 North Thirty-sixth St.

Thirtieth St., w s, n Lehigh Ave., two-sty dwell.; owner, A. M. Zane, 806 Walnut St.

Park Ave., e s, n Lehigh Ave., two-sty dwell.; owner, A. M. Zane, 806 Walnut St.

Honover St., n s, e Ruhl St., 4 two-sty dwells.; owner, H. D. Prettyman, 1312 South Nineteenth St.

Cresson St., n s, w Spencer St., two-sty dwell.; owner, John Harrison, 3438 Cresson St.

Dawson St., n s, Terrace St., 6 two-sty dwells.

Fifty-fourth St., n w cor. Master St., 90 two-sty dwells. and 2 three-sty dwells.; owner, Robt. Manley, 5011 Master St.

Ogden St., s s, w Preston St., 4 three-sty dwells.; owner, Jos. Johnson, 629 North Fortieth St.

Bancroft St., e and w s, s Moore St., 14 two-sty dwells.; owner, S. Flanagan, 1509 Arch St.

Chadwick St., e s, s Moore St., 19 two-sty dwells.; owner, S. Flanagan, 1509 Arch St.

Hewson St., n w cor. Wilder St., two-sty dwell.; contractor, W. R. Brown, 2145 Dickinson St.

Twelfth St., e s, s Cambria St., 3 two-sty dwells.; contractor, E. Thompson, 1609 North Eighth St.

Filmore St., s s, w Herrick St., three-sty dwell.; owner, John Leibert, 2,929 D St.

Second St., s Glenwood Ave., 2 two-sty dwells.; contractor, A. T. Wadsworth, 920 Somerset St.

Filmore St., s s, w Herrick St., three-sty dwell.; owner, J. C. Haines, 4904 Penn St.

Margaretta St., e Main St., 2 two-sty dwells.; owner, J. C. Haines, 4904 Penn St.

Sixth St., e s, s Indiana Ave., 4 two-sty dwells.; owner, Louis Lambrecht, 2617 Orkney St.

Weiss St., w s, s Chelton Ave., 2 two-sty dwells.; owner, Chas. Phillimore, 94 East Chelton Ave.

Roberts Ave., s e cor. Wayne Ave., 6 two-sty dwells.; contractors, T. & J. Conway, 2015 Madison Ave.

Pulaski Ave., cor. Manheim St., 2 three-sty dwells.; owners, T. W. Wright & Son, 7 Harvey St.

Twenty-seventh St., w s, n Jefferson St., two-sty dwell.; contractor, C. D. Hill, 1511 North Twenty-seventh St.

Columbia Ave., n s, w Thirty-first St., 20 three-sty dwells.; contractors, Hunter & Noch, 540 Drexel Building.

Columbia Ave., s s, w Thirty-second St., 11 three-sty dwells.; contractors, Hunter & Noch, Drexel Building.

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sty dwells.; contractors, Hunter & Noch, Drexel Building.

Daley St., n s, e Fourth St., 6 two-sty dwells.; owner, D. Main, 911 South Eighteenth St.

Garrett St., No. 1821, two-sty dwell.; contractor, Joseph Bird, 1021 Hunter St.

Sigard St., n s, w Twentieth St., 7 two-sty dwells.; contractors, Milnamow & Costa, 130 South Sixth St.

Tioga St., s e cor. Arcadia St., two-sty dwell.; contractor, C. Harry Stricker, 3475 Amber St.

Glenmore Ave., s s, w Sixty-third St., two-sty dwell.; contractor, John H. Kelly, Greenway Ave.

Market St., s s, w Forty-fourth St., two-sty dwell.; contractor, George Carroll, 326 Bell St.

Ernest St., No. 909, two-sty dwell.; contractor, E. Cubberly, 811 Wharton St.

Lombard St., w Eleventh St., three-sty dwell.; contractor, Andrew White, 321 Grison St.

Orthodox St., n s, w Race St., two-sty dwell.; owner, Jas. A. Murray, 336 East Orthodox St.

Edgemont St., w s, s Tioga St., two-sty dwell.; owner, Chas. Tuedendorf, 3568 Edgemont St.

Corlies St., e s, s Susquehanna Ave., 24 two-sty dwells.; owners, J. H. Stevenson & Sons, n e Twenty-ninth and Diamond Sts.

Susquehanna Ave., s s, w Thirtieth St., 8 three-sty dwells.; owners, J. H. Stevenson & Sons, n e Twenty-ninth and Diamond Sts.

Ridge Ave., e s, n Diamond St., 6 three-sty dwells.; owners, J. H. Stevenson & Sons, n e Twenty-ninth and Diamond Sts.

Manayunk Ave., e s, n Levering Ave., 2 three-sty dwells.; contractor, Wm. H. Edleman, 480 Green Vane.

Mechlin St., s s, e Main St., 2 three-sty dwells.; owner, D. W. Wartman, 48 Mechlin St.

Fourth St., s Queen St., three-sty dwell.; owners, Dahl & Kidd, Fifth St., bel. Pine St.

D St., No. 2927, two-sty dwell.; owner, John Leibert, 2929 D St.

Second St., w s, s Glenwood Ave., 2 two-sty dwells.; contractor, A. T. Wadsworth, 920 Somerset St.

Leverington Ave., s s, n Dupont St., 2 three-sty dwells.; owner, Hanna Omsenetter, East Leverington Ave.

Leverington Ave., s s, w Clay St., two-sty dwell.; contractors, Green & Schultz, 352 Martin St.

Preston St., e s, n Aspen St., 11 three-sty dwells.; owner, J. M. Seabury, 802 Preston St.

Sixteenth St., w s, s Moore St., 7 two-sty dwells.; owner, S. Flanagan, 1509 Arch St.

Seventh St., w s, s Norris St., three-sty dwell.; contractor, Thomas Bryan, 2106 East York St.

Stafford St., n s, w Morris St., 4 three-sty dwells.; owner, Dr. Bruner, 4834 Morris St.

Lehman St., s s, w Morris St., 4 three-sty dwells.; owner, Dr. Bruner, 4834 Morris St.

Twenty-seventh St., s e cor. Chestnut Ave., three-sty dwell.; contractor, Geo. S. Roth, East Union Ave., Germantown.

Westminster Ave., s s, w Forty-second St., 14 two-sty dwells.; owner, Jacob R. Jordan, 1626 South Broad St.

Forty-third and Aspen Sts., three-sty dwell.; contractor, J. C. Fernals, 4303 Fairmount Ave.

Forty-second St., n Powell St., 17 two-sty dwells.; contractor, C. Hartman Grace, 618 Preston St.

Forty-third-and-one-half St., n Wyalusing Ave., 13 two-sty dwells.; owner, J. H. Verkle, 1008 Belmont Ave.

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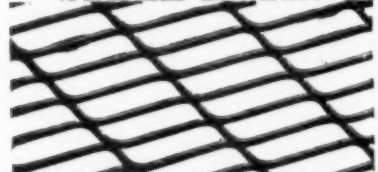
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Mifflin St., n s, w Juniper St., 6 three-st'y dwell.; owner, Hugh McNeill, Ninth St. and Moyamensing Ave.
Sixth St., No. 1505, two-st'y dwell.; contractor, Daniel Herman, 1293 South Fifteenth St.
Snyder Ave., cor. Passunk Ave., 2 three-st'y dwell.; contractor, Harry B. Whitner, 1015 Snyder Ave.
North Fifth St., No. 2330, two-st'y dwell.; contractor, Joseph Parker, 2639 Germantown Ave.
Memphis St., s s, w Vienna St., three-st'y dwell.; contractor, Edward Delaney, Twenty-third and Christian Sts.
Sydenham St., n s, n Indiana Ave., 10 two-st'y dwell.; owner, George A. Bilyen, Sixteenth St. and Indiana Ave.
Broad St., ab. Susquehanna Ave., brownstone and frame dwell., slate roof; owner, John Loughran, Esq.
Chelton Ave., cor. Pulaski St., three-st'y brick, stone and frame country dwell., tile roof; owner, A. P. Keyser, Esq.
Hayes St., w Sixteenth St., 2 two-st'y dwell.; contractor, Christopher Hare, 1418 South Seventh St.
Twenty-second St., e s, n Diamond St., 16 three-st'y dwell.; owner, Robert Buckman, 2025 North Twenty-second St.

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Maple St., w Eighth St., three-st'y dwell.; owner, George Misch, 827 Race St.
Rose St., n e, w Thirteenth St., three-st'y dwell.; contractor, Wm. Smith, 2332 North Broad St.
Somerville St., n s, e Twelfth St., 3 three-st'y and 3 two-st'y dwell.; owner, Daniel Hertz, 3003 Lawrence St.
Somerville, Mass.—Highland Ave., frame dwell., 26' x 48', furnace heat; owner, Chas. S. Robertson; contract to be let; architects, Geo. F. Loring and Sanford Phipps, Boston.
Off Broadway (new street), frame dwell., 25' x 38'; owner, S. Z. Bowman; contract to be let; architects, Geo. F. Loring and Sanford Phipps, Boston.
Broadway, cor. School St., frame dwell., 28' x 56'; owner, A. L. Haley; contract to be let; architects, Geo. F. Loring and Sanford Phipps, Boston.
St. Louis, Mo.—Two-st'y brick dwell.; cost, \$6,000; owner, Ashley Cabell; contractor, W. H. Clemens.
Two-st'y brick dwell.; cost, \$5,300; owner, C. H. Coffin; contractor, A. Johnson.
Two-st'y brick dwell.; cost, \$3,400; owner, L. D. Schulz; contractor, A. Johnson.
Two-st'y brick dwell.; cost, \$3,000; owner, E. Mortimer; contractor, G. Boettlinger.
Two-st'y brick dwell.; cost, \$3,500; owner, E. J. Shannon; contractor, E. Marlatt.
Two-st'y brick dwell.; cost, \$4,500; owner, J. S. Costello; contractors, F. H. Gray & Bro.
Two-st'y brick dwell.; cost, \$3,100; owner, Caroline Hoehl; contractors, F. H. Gray & Bro.
Two-st'y brick dwell.; cost, \$14,000; owner, J. Shlegeshalton; contractor, A. H. Haesseler.
Two-st'y brick dwell.; cost, \$6,800; owner, Mrs. Wiseman; contractor, H. F. Beinke.
Two-st'y brick dwell.; cost, \$6,000; owner and contractor, J. Sparling.
Two-st'y brick dwell.; cost, \$7,500; owner, O. Hillier; contractors, Linnenkohl & Co.
Two-st'y brick dwell.; cost, \$3,500; owner, F. B. Scholz; contractor, A. H. Haesseler.
Two-st'y brick dwell.; cost, \$4,800; owner, W. D. Franklin; contractors, Thomson & Valleryoy.

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Two three-st'y brick dwell.; cost, \$11,600; owner, H. Groner; contractors, Bonasack & Co.
Three-st'y brick dwell.; cost, \$6,000; owner, W. H. Thornburgh; contractors, Bonasack & Co.
Two-st'y brick dwell.; cost, \$4,800; owner, Mrs. J. B. Allen; contractors, Kohlmeier & Son.
Two-st'y brick dwell.; cost, \$2,500; owner, W. P. Shelton; contractors, Paulus & Williamson.
Two-st'y brick dwell.; cost, \$3,200; owner, F. W. Bruning; contractors, Kluths & Boche.
Two-st'y brick dwell.; cost, \$5,000; owner and contractor, P. Walsh.
Two-st'y brick dwell.; cost, \$4,500; owner, Mary F. Hudson.
Three-st'y brick dwell.; cost, \$5,000; owner, Reberman; contractor, J. M. Thiemaker.
Two-st'y brick dwell.; cost, \$6,000; owner, J. G. Zimmerer.
Two-st'y brick dwell.; cost, \$3,500; owner, M. McMahon; contractor, Wm. A. Robinson.
Two-st'y brick dwell.; cost, \$4,000; owner, E. Pahl; contractor, J. E. Truitt.
Three-st'y brick dwell.; cost, \$11,000; owner M. A. Talmage; contractor, J. E. Truitt.
Two-st'y brick dwell.; cost, \$2,800; owner, C. Tentenberg; contractors, Matthews & Schneider.
Two-st'y brick dwell.; cost, \$3,900; owner, Mrs. S. Gould; contractor, A. Wagner.
Two-st'y stone and frame dwell.; cost, \$9,000; owner, M. A. French; contractors, Cochran & Son.
Two-st'y brick dwell.; cost, \$4,500; owner, N. Wright; contractor, L. B. Blackwood.
Two-st'y brick dwell.; cost, \$3,500; owner, Mary Walden; contractor, T. F. Marley.
Two-st'y brick dwell.; cost, \$10,000; owner, Mrs. Hudson; contractor, J. Mahon.
Two-st'y brick dwell.; cost, \$9,500; owner, F. Schmieding; contractors, A. Uhri & Son.
Two-st'y brick dwell.; cost, \$6,800; owners, I. R. and E. Uhri; contractors, A. Uhri & Son.
Two-st'y brick dwell.; cost, \$2,900; owner, F. Krause; contractor, J. Walhaus.
Three-st'y brick dwell.; cost, \$6,500; owner, Wm. Fink; contractors, Wm. Gahl & Co.

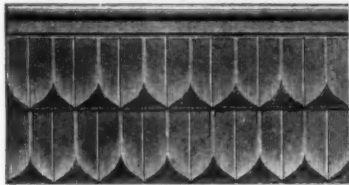
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Two-sty brick dwell.; cost, \$5,900; owner, Mrs. Z. Brown; contractor, D. Drees.

Two-sty brick dwell.; cost, \$4,000; owner, A. M. O'Fallon; contractors, J. O. Reed & Co.

Two-sty brick dwell.; cost, \$3,000; owner, M. Brown; contractors, Duffner & Labarge.

Two-sty brick dwell.; cost, \$2,500; owner and contractor, G. M. Roeder.

Two-sty brick dwell.; cost, \$2,600; owner, F. Beck; contractor, B. Dengler.

Two-sty brick dwell.; cost, \$2,900; owner, M. A. Moran; contractor, J. D. Drake.

Two-sty brick dwell.; cost, \$4,000; owner, H. J. Spaunhorst; contractors, Herbig Bros.

Two-sty brick dwell.; cost, \$2,500; owner, J. Hegyessy; contractors, P. I. & B. Co.

Two-sty brick dwell.; cost, \$4,000; owner, E. B. Wilmut; contractors, P. I. & B. Co.

Three-sty brick dwell.; cost, \$5,000; owner, M. Reinagel; contractor, L. Horman.

Winthrop, Mass.—Frame double dwell., 36' x 48'; owner, Chas. A. Barrett; builders, W. F. Wyman & Co.; architect, Willard M. Bacon, Boston.

Frame dwell., 40' x 44'; owner, A. H. Lawrence; contract to be let; architect, Willard M. Bacon, Boston.

Frame dwell., 30' x 37'; owner and architect, Willard M. Bacon; builders, W. F. Wyman & Co.
Frame dwell., 36' x 48'; owner, W. F. Boyd; builder, C. P. Stower; steam-fitter, H. Carruthers; architect, Willard M. Bacon, Boston.**STABLES.****Boston, Mass.**—Pope St., No. 20, Ward 1, three-sty frame stable, flat roof, 22' x 46'; owners, Andrews & Co.; builder, W. Goodwin.**New York, N. Y.**—Callister St., e s from Hubert & Laight Sts., three-sty brick stable, tin roof; cost, \$45,000; owners, American Express Co., 65 Broadway; architect, Edward H. Kendall, 150 Fifth Ave.**Spring St., No. 25**, five-sty brick stable, gravel roof; cost, \$18,000; owner, James J. Slevin, 143 East Forty-fourth St.; architects, Kurtzer & Kohl, cor. Third Ave. and Seventh St.**Philadelphia, Pa.**—Victoria St., e s s Snyder Ave., two-sty stable; contractor, James Lilley, 2215 South Sixth St.**Walnut St., No. 1817**, two-sty stable; contractors, Thomas Little & Son, 217 Pear St.**Cheltenham Ave., e Boyer St.**, two-sty stable; owner, Henry Davenport, 510 Cheltenham Ave.**North St., n s w Sixty-ninth St.**, two-sty stable; contractor, John Welsh, Seventieth St. and Woodland Ave.**Barclay St., n s w Seventh St.**, two-sty stable; contractor, John Duncan, 905 Chant St.**Cheltenham Ave., No. 1540**, brick and stone stable, carriage-house and coachman's house, shingle roof.**Estauagh St., e Twenty-first St.**, two-sty stable; contractor, John Zoelle, 1304 North Third St.**BUILDING INTELLIGENCE.****Spring Garden St., No. 3831**, two-sty stable; owner, John Kelly, 3831 Spring Garden St.**Hassell Ave., w Sixty-first St.**, stable; contractor, Geo. E. Brissax, 4028 Haverford Ave.**Thompson St., Nos. 631-633**, two-sty stable; owner, Andrew Herzog, 633 East Thompson St.**Lehigh Ave., Nos. 505-507**, two-sty stable; owner, J. H. Sentner, 2639 North Fifth St.**Mt. Pleasant Ave., s e cor. Taney St.**, one-sty stable; owner, Patrick McNichols, 1247 North Twenty-sixth St.**Wistar St., No. 205**, stable, mansard roof; contractor, J. D. Caldwell, 205 Wistar St.**STORES.****Brooklyn, N. Y.**—Smith St., w s, 25' s Bergen St., four-sty brick store and dwell., tin roof; cost, \$7,000; owner, J. T. Donovan, Pacific and Smith Sts.; architect, T. F. Houghton, 340 Fulton St.**Smith St., w s, 44' e Bergen St.**, four-sty brick store and dwell., tin roof; cost, \$8,000; owner, J. F. Donovan, Pacific and Smith Sts.; architect, T. F. Houghton, 340 Fulton St.**Union St., n s, 63' w Seventh Ave.**, one and two-sty brick store, tin roof; cost, \$10,000; owner, Henry Niemitz, Union St. and Seventh Ave.; architect, Chas. T. Mott, 111 Broadway, New York City.**S. Wechsler**, a prominent merchant of Brooklyn, has submitted plans for a mammoth dry-goods store on Fulton St., bet. Duffield and Bridge Sts., that have not yet been passed upon. The emporium is to be seven stories in height; cost, \$200,000; owner, Henry Offermann, 361 Washington St.**Cincinnati, O.**—John Huber, three-sty store and flats, Vine St., cost, \$4,000; architects, Rieg & Marty.**New York, N. Y.**—Greenwich St., Nos. 215-217, six-sty brick store, metal roof; cost, \$75,000; owners, Barbey & Reynolds, 17 West Thirty-eighth St. and 7 West Twenty-sixth St.; architect, Jno. B. Snook, 12 Chamber St.**West Fourteenth St., No. 442**, four-sty brick store, tin roof; cost, \$14,500; owner, John H. Rohde, 816 Washington St.; architects, Thom & Wilson, 1267 Broadway.**St. Louis, Mo.**—Two-sty brick store and dwell.; cost, \$3,100; owner and contractor, F. Knittel.

Two-sty brick store and dwell.; cost, \$7,000; owner, F. Hirschberg; contractor, Wm. Kirksick.

Two-sty brick store and dwell.; cost, \$4,600; owner, J. J. Dockery; contractor, T. Roche.

Three-sty store and dwell.; cost, \$2,500; owner, F. Schulte; contractor, Wm. Ameling.

Two-sty brick store and dwell.; cost, \$5,500; owner, C. E. Bradley; contractor, M. Sanguinet.

TENEMENT-HOUSES.**New York, N. Y.**—Avenue A, n e cor. Eighty-third St., 3 five-sty brick tenements, tin roofs; cost, \$48,000; owners, Geo. & Jno. Schreiner, Jr., 512 East Eighty-fourth St.; architect, Edward Wenz, 1491 Third Ave.**THEATRES.****New York, N. Y.**—West Forty-second St., Nos. 112-114, and West Forty-first St., Nos. 107-117, Oscar Hammerstein proposes to build a theatre of the most approved construction.**J. G. & T. DIMOND,**
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[At Washington, D. C.]

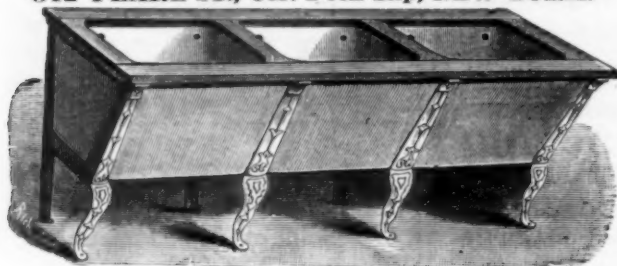
April 18, 1890.

Sealed proposals, indorsed "Proposals for Lumber for the Washington Navy Yard, to be opened May 22, 1890," will be received at the Bureau of Provisions and Clothing, Navy Department, Washington, D. C., until 12 o'clock, noon, May 22, 1890, and publicly opened immediately thereafter, to furnish at the Washington Navy Yard a quantity of white and yellow pine, white lead, nails, etc.
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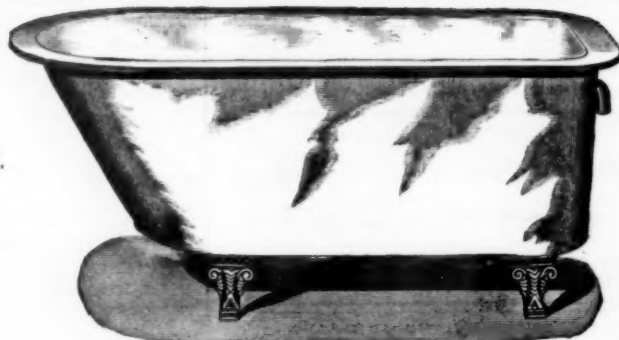
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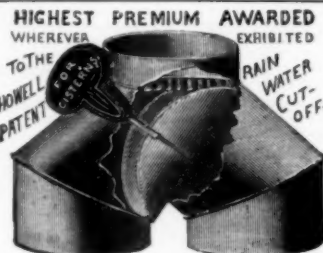
751

May 2, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 27th day of May, 1890, for all the labor and material required to complete the low-pressure, steam-heating and mechanical ventilating apparatus for the United States Post-Office, Court-House, etc., building at Manchester, N. H., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time fixed for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. JAS. H. WINDRIM, Supervising Architect.

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May 1, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 23d day of May, 1890, for all the labor and materials required to construct coal-vaults for the United States Court House and Post-Office building at Rochester, N. Y., in accordance with the drawing and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time fixed for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. JAS. H. WINDRIM, Supervising Architect.

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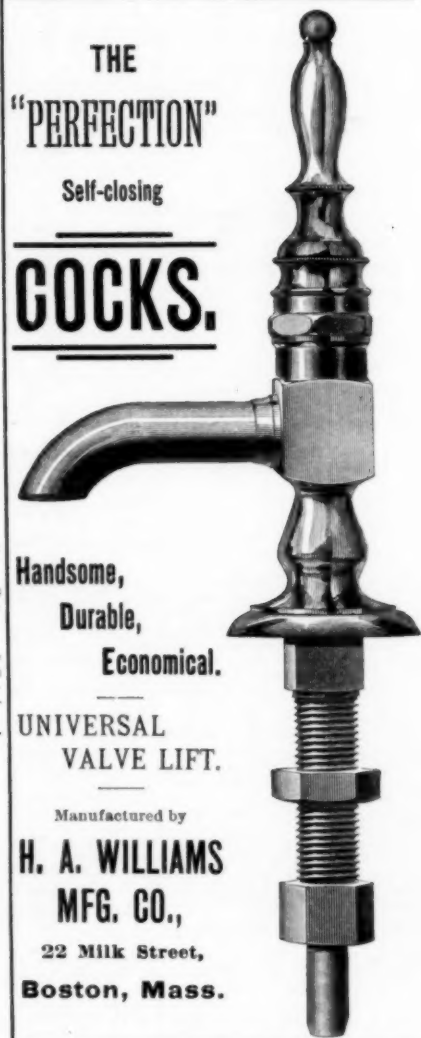
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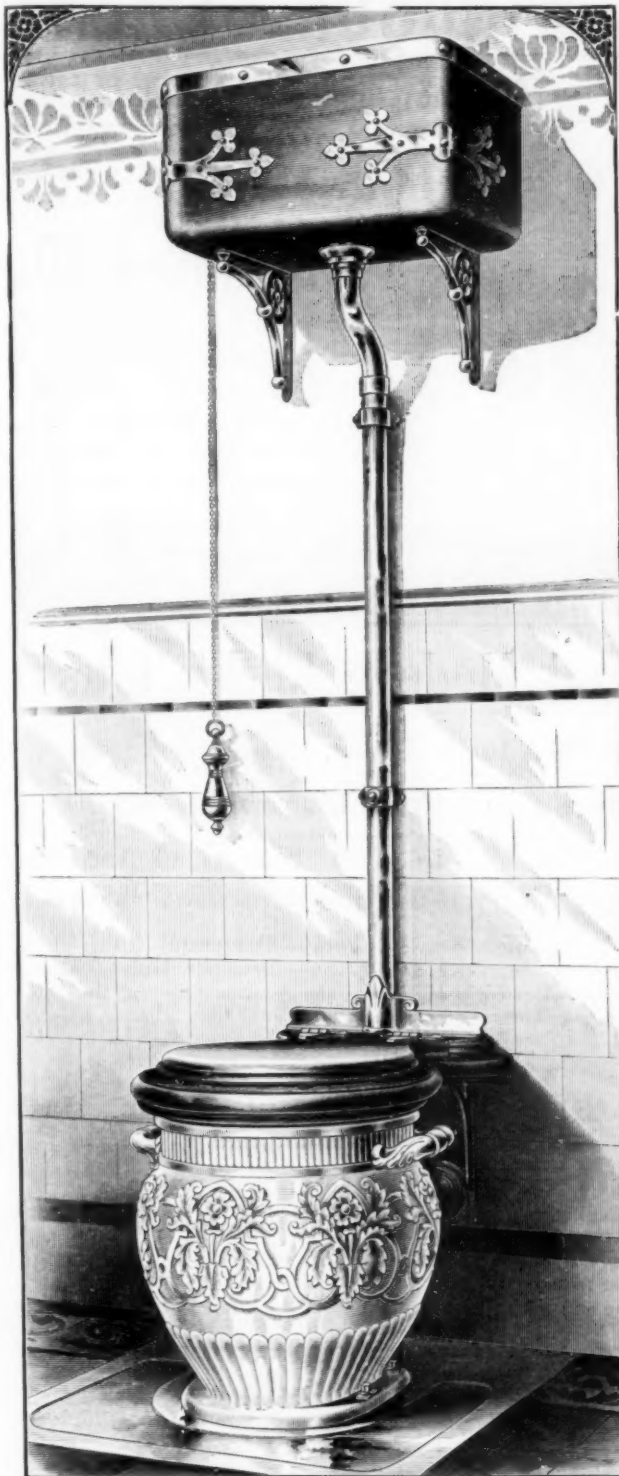
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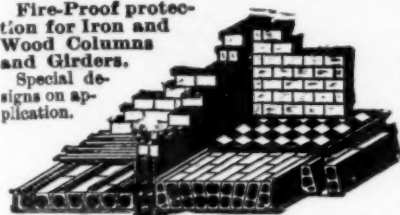
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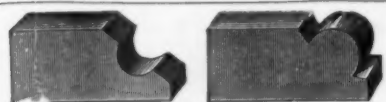
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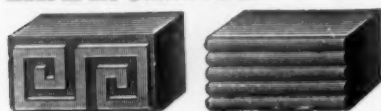
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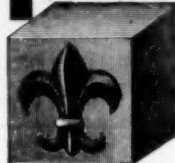
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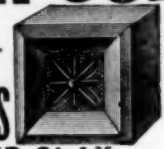
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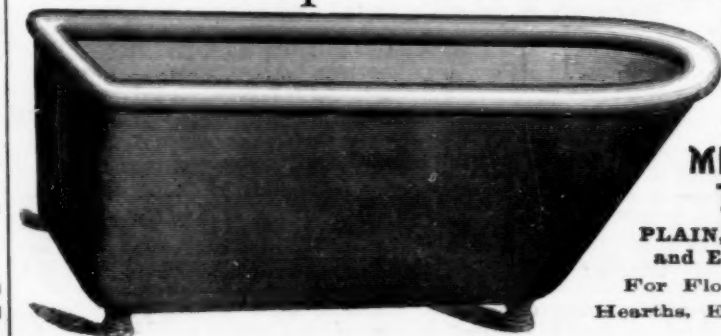
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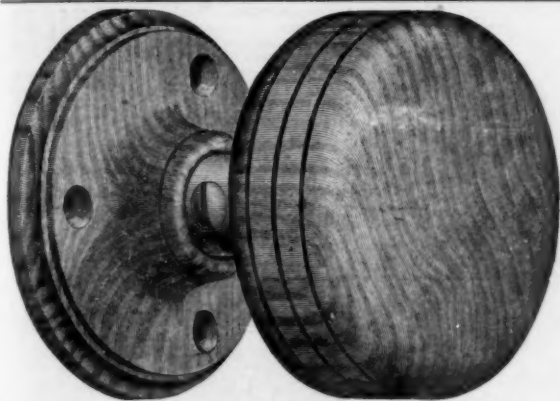
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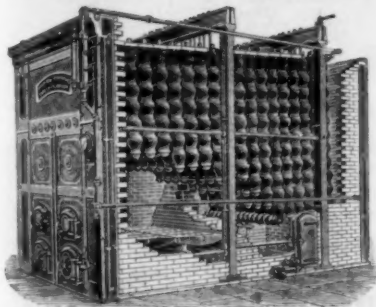
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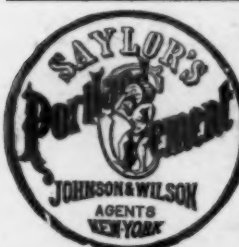
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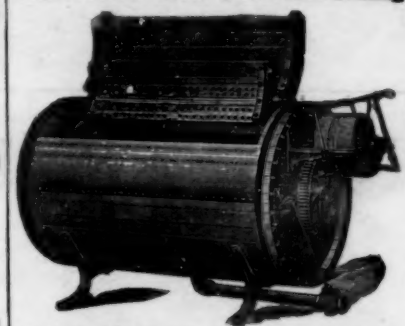
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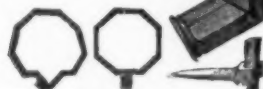
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Shingles:				
Pine, shaved..... P. M.....	5 00 @ 6 00	@ 4 50	Not sold.	
Pine, sawed..... "	4 00 @ 5 00	1 50 @ 2 00	2 20 @ 3 00	
Spruce, sawed..... "	1 50 @ 2 00	3 75 @ 4 00	Not sold.	
Redwood..... P. M.....	1 40 @ 1 60	@ 4 00	6 00 @ 7 50	30" @ 35 @ 40
Cedar, split..... P. M.....	@	2 00 @ 4 00	Not sold.	24" @ 8 @ 21
Cedar, sawed..... P. M.....	@	5 00 @ 6 00	2 00 @ 2 35	20" @ 35 @ 14
Cypress, split..... 7 x 2 1/2.....	18 00 @ 20 00	@	3 50 @ 4 00	11 00 @ 14 00
Miscellaneous:				
Piles..... P. ft.....	4 1/2 @ 5 1/2	Piles 60. P. ft.	Cut to order.	
Fence pickets, Common.....	8 00 @ 10 00	10 00 @ 18 00	P. 10 00 @ 18 00	9 00 @ 13 00
Cedar posts, 9 ft. (sq. posts.).....	@	25 @ 50	9 @ 21	4 1/2 @ 1 25
Chestnut.....	@	25 @ 50	Not sold.	20 @ 3.
Finishing Woods: P. M. (First Qual.)				
Ash.....	@ 55 00	45 00 @ 60 00	30 00 @ 40 00	30 00 @ 40 00
Cherry.....	80 00 @ 120 00	35 00 @ 120 00	80 00 @ 10 00	80 00 @ 100 00
Butternut.....	40 00 @ 60 00	60 00 @ 70 00	50 00 @ 60 00	70 00 @ 80 00
Hard-pine floors (rift).....	@ 180 00	50 00 @ 60 00		
Mahogany, Baywood [Mexican].....	@ 350 00	150 30 @ 160 00	150 00 @ 200 00	150 00 @ 250 00
St. Domingo.....	45 00 @ 50 00	120 00 @ 350 00	200 00 @ 250 00	300 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.....	@ 90 00	65 00 @ 80 00	22 00 @ 40 00	45 00 @ 55 00
" quartered.....	@ 90 00	50 00 @ 65 00	45 00 @ 50 00	60 00 @ 75 00
Sycamore quartered.....	@ 70 00	50 00 @ 65 00	35 00 @ 50 00	57 29 @ 65 00
Pine, clear.....	65 00 @ 70 00	50 00 @ 75 00	55 00 @ 50 00	@ 65 00
Redwood.....	60 00 @ 70 00	60 00 @ 70 00	55 10 @ 60 00	60 00 @ 75 00
Rosewood..... P. M.....	@ 6	@	@ 7	@
Spruce floors (clear, kiln-dried).....	125 00 @ 150 00	32 00 @ 35 00		
Walnut, black.....	45 00 @ 50 00	85 00 @ 120 00	55 00 @ 100 30	50 00 @ 170
Whitewood.....	@ 45 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	27 50 @ 45 00

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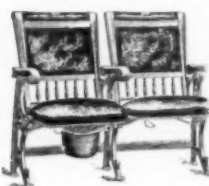
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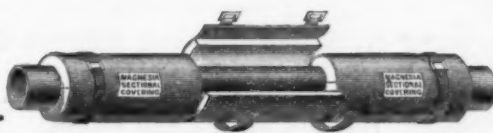
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	New York. (Wholesale Prices.)	Boston. (Prices to Builders and Contractors.)	Chicago. (Prices to Builders and Contractors.)	Philadelphia. (Prices to Builders and Contractors.)
BRICK.—P. M.				
Common: Carsey's...	3 00 @ 3 50	Eastern 9 00 @ 10 00	Building Brick @ 6 50	Sq. Hard @ 12
Pale...	5 25 @ 6 75	Bay State Hard 10 00 @ 10 10	Indiana Pressed 14 00 @ 20 00	" " @ 9 00
Jersey...	7 00 @ 7 50	Domestic Com. 9 50 @ 10 00	St. Louis Fronts @ 27 00	Salm " @ 6 50
Long Island...	6 50 @ 7 00	Domestic Face 20 00 @ 22 00	Philadelphia 40 00 @ 45 00	Sq. " @ 9 00
Up River...	7 00 @ 7 25	Phil. mould 50 00 @ 80 00	Anderson 14 00 @ 32 00	Light Stretches @ 12 00
Haverstraw Bay 2nd...	7 25 @ 7 75			Medium " @ 14 00
1st...	13 00			Red " @ 15 00
Hollow...	14 00 @ 15 00			Dark " @ 15 00
Fronts...	15 00 @ 16 00			Pressed 22 00 @ 26 00
Croton, Brown...	15 00 @ 16 00			Best Paving @ 16 00
" dark...	15 00 @ 16 00			Second " @ 14 00
" red...	15 00 @ 16 00			Taird " @ 13 00
Chicago pressed (Anderson)...	7 00 @ 41 00			Dom. { @ 65
Chicago Moulded...	22 00			" { @ 85
Baltimore...	22 00			
Philadelphia...	22 00			
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.—(P. M.)				
Rosendale Cement...	90 @ 1 10	1 20 @ 1 40	Not Sold.	1 30 @ 50
Louisville...	Not sold.	Brooks, S. & Co 1 05 @ 1 30	Not Sold.	B. & S. E. 275 @ 300
Utica, Akron, Buffalo, Milw'kee...	2 50 @ 3 00	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 25 @ 2 50	2 60 @ 3 00	3 00 @ 3 25	2 75 @ 3 00
" (Barham)...	2 50 @ 2 80	2 60 @ 3 00	2 90 @ 3 15	2 85 @ 3 15
" (White's)...	2 65 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	2 75 @ 2 85
French (Lafarge)...	3 60 @ 3 75	3 00 @ 3 50	3 75 @ 4 25	Hemmoor 2 50 @ 2 75
German (Alsen)...	2 90 @ 3 25	3 15 @ 3 35	3 20 @ 3 40	Joison 2 50 @ 2 75
" (Favor)...	2 25 @ 2 40	2 55 @ 3 00	2 75 @ 3 00	2 50 @ 2 75
" (Vorwöhler)...	2 50 @ 2 90	3 00 @ 3 50	3 25 @ 3 50	3 00 @ 3 25
" (Lagerdofer)...	2 90 @ 3 25	3 00 @ 3 50	Not Sold.	2 75 @ 2 85
" (Hanover)...	2 75 @ 3 00	2 15 @ 2 50	2 75 @ 3 00	2 50 @ 2 75
" Stettin (Anchor)...	2 35 @ 2 85	2 75 @ 3 25	2 75 @ 3 25	3 00 @ 3 50
American (Saylor's)...	2 15 @ 2 45	4 00 @ 7 00	6 00 @ 7 00	6 50 @ 7 00
Roman...	8 75 @ 6 50	9 @ 10 50	9 @ 10 50	8 00 @ 9 00
Keene's coarse...	9 25 @ 10 25			
" superfine...				
Lime:				
Lime of Tell...	3 50 @ 4 00	@ 1 35	Not sold.	White Lime 25 @ 30 @ bush
Hydraulic Lime...	@ 1 45	St. John 1 00	55 @	White Mash 1 25 @ 1 50
Chicago Lime in bulk...		@ 1 05	Not sold.	1 00 @ 1 00
Wisconsin...	@ 1 00	@ 1 10	Not sold.	
Rockland and Rockport, (Com.)...	@ 1 20	Not sold.	Not sold.	Not sold.
Rockland and Rockport, finish...	@ 1 20	1 85 @ 2 00	1 85 @ 1 90	1 50 @ 2 25
Kelley Island Lime, finish...	@ 85	25 @ 30	20 @ 25	1 75 @ 2 50
State, com. cargo rates (nom.)...	@ 1 10	1 75 @ 1 90	30 @ 35	20 @ 25
State, finishing...	1 20 @ 1 25		@ 60	30 @ 35
Plaster of Paris (calcined)...	1 30 @ 1 35			@ 1 50
" (casting)...	12 @ 15			
Hair (Cattle) & bush...	22 @ 25			
" (Goat)...	1 00 @ 1 25			
Sand, & load...				
STONE. (P. cubic foot, rough.)				
Granite: (Maine)				
Limestone:				
Bedford...	45 @ 1 25	@ 60		55 @ 65
Joliet...	@ 1 00	95 @ 1 00	50 @	75 @ 90
Vermont...			35 @ 55	Richmond 75 @ 1 50
Serpentine...			35 @ 60	4 50 @ 5 00

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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			
Colorful p lb.	3			
Red p lb.	1 1/2			
White p bbl.	175			
Foundation:				
Block		5 00 p ton	20	5 00
Rubble		4 00 p perch		Unshooked
Blue-stone: (p sq. ft.)		1 25	8 50	1 45
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	
Berea	75 @ 1 00	80 @ 90	55 @ 65	
Berlin	75 @ 1 00	80 @ 90	55 @ 65	
Bellefonte	80 @ 1 25	1 25 @ 1 35	55 @ 1 25	
New Brunswick (Dorchester)	1 00	75 @ 90		1 10 @ 1
Olsen	1 05	2 00		1 00 @ 1
Carlisle, English	1 05	1 05		1 25 @ 1
Corse Hill (Scotch)	1 05	1 05		95 @ 1
Marble (p cu. ft.)				
Leo, Mass.		1 75 @ 2 50	Not sold.	2 00 @ 2 50
Rutland, white and blue		3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	2 00	350 @ 6 00	1 70 @ 3 00
Glens Falls, black			Not sold.	4 00 @ 4 50
Italian, blue-veined			Not sold.	2 50 @ 2 75
Tennessee, red			Not sold.	4 00 @ 5 00
Pennsylvania, blue			Not sold.	3 00 @ 4 00
Vermont, white			Not sold.	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	4 25 @ 4 75	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
black, Lehigh			6 25 @ 8 85	3 25 @ 4 00
Chapmans	5 50 @ 8 00	5 50 @ 8 0	7 30 @ 8 00	4 00 @ 4 65
Unfading Black, Monson, Me.			6 00 @ 9 00	5 50 @ 8 00
Tiles, Am.			Not sold.	6 00 @ 6 75
N. Peach Bottom, warranted unfading				
PAINTS. (In oil, p lb.)				
White lead, Am.	7 @ 7 1/2	7 1/2	6 1/2 @ 7	7
Zinc	5 @ 5 1/2	5 1/2	7 @ 10 1/2	7
Red lead, Am.	6 1/2 @ 7	7 1/2	6 1/2 @ 7	7
Venetian	6 @ 10 1/2	7 @ 12	1 1/2 @ 2 1/2	8
Vermilion	65 @ 70	72 @ 75 dry	65 @ 68	66
Red Indian, Eng.	12 @ 20	12 @ 20	12 @ 20	7
Yellow Ochre	6 @ 15	7 @ 12	8 @ 15	13
Chrome	12 @ 20	18 @ 25	15 @ 25	18
Green (chrome)	8 @ 13	8 @ 20	8 @ 20	12
Green, Paris	25 @ 40	25 @ 40	18 @ 35	20
Black, lamp	15 @ 25	15 @ 25	8 @ 30	12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	20
Oil, linseed, (raw)	60 @ 63	61 @ 62	67 @ 69	68
boiled	63 @ 66	64 @ 65	69 @ 71	61
Turpentine	39 @ 40	42 @ 43	51 @ 51	50
Varnish, coach		1 50 @ 6 00	1 25 @ 2 00	3 00
Shellac		2 50 @ 3 00	2 25 @ 4 00	2 75
Putty	2 @ 4	2 @ 4	02 @ 02 1/2	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
Litharge, Am.	14 @ 20	14 @ 20	14 @ 20	7
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	14
Umber	14 @ 20	14 @ 20	2 @ 10	12
HARDWARE.				
Nails: (Per Cask.) Spikes, (wrought.)	2 85	2 15	2 75 @ 3 00	prkg @ 2 25
10d. common	2 60	2 35	2 25	2 30
Shingle	3 35	2 35	2 75	2 60
Lath	4 85	3 55	3 65	3 60 @ 4 75
Finishing nails according to size.			Add .85 to \$1.15	per lb 4 @ 6
(For casing nails add 75c. per keg.)			50 to .90	Add pr cask
Butts: 4" x 4"				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	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	25 @ 50
Hemlock	Not sold	17 @ 33	31 @ 40	25 @ 25
Porcelain	30	10	25 @ 30	1 00 @ 2 50
Glass, solid	Not sold	88 @ 1 00	Not sold.	1 75 @ 2 00
Glass, silvered	Not sold	50 @ 3 00	50 @ 3 00	50 @ 3 50
Bronze metal	75 @ 2 00	50 @ 3 00	1 00 @ 3 00	75 @ 1 25
Brass	1 00 @ 2 50	50 @ 3 00	13 @ 16	13 @ 16
Solder:				
Sheet Lead		6 1/2	7	6 1/2
Lead Pipe		6	6 1/2	6 @ 6
Iron:				
I-Beams, up to and including 30 ft.	3 3-10 @ 3 1/2	3 3-10	3 28 @ 3 70	2 8-10
I-Beams, over 30 ft. 1, 2, 3 c. advance.	3 3-10 @ 3 1/2	3 3-10		2 8-10
Channel-Beams				2 8-10

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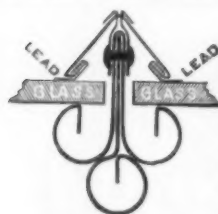
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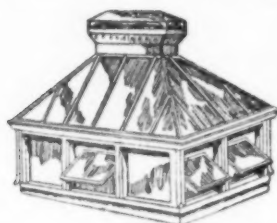
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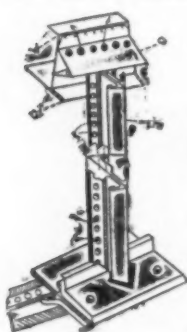
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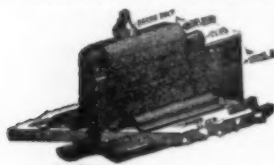
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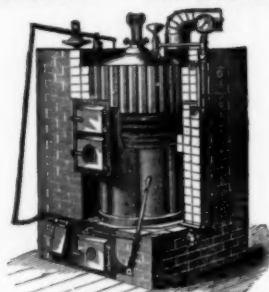
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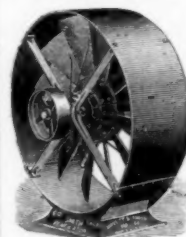
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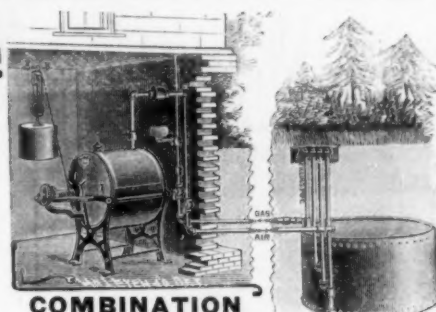
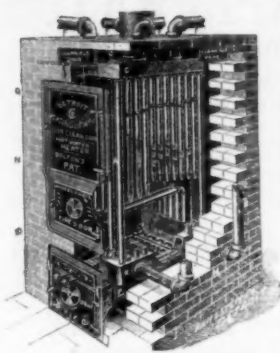
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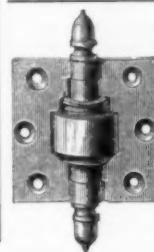
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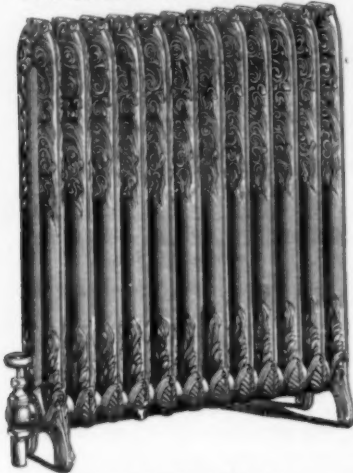


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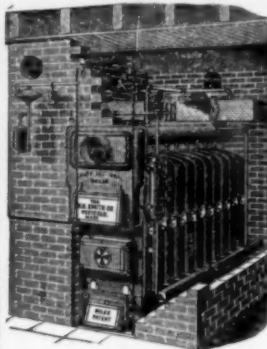
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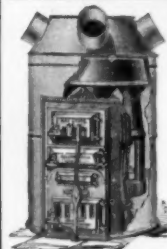
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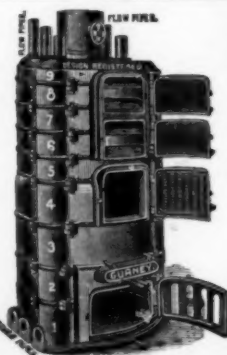
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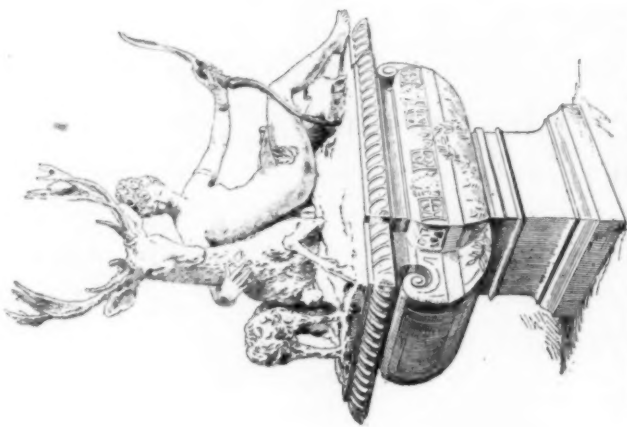
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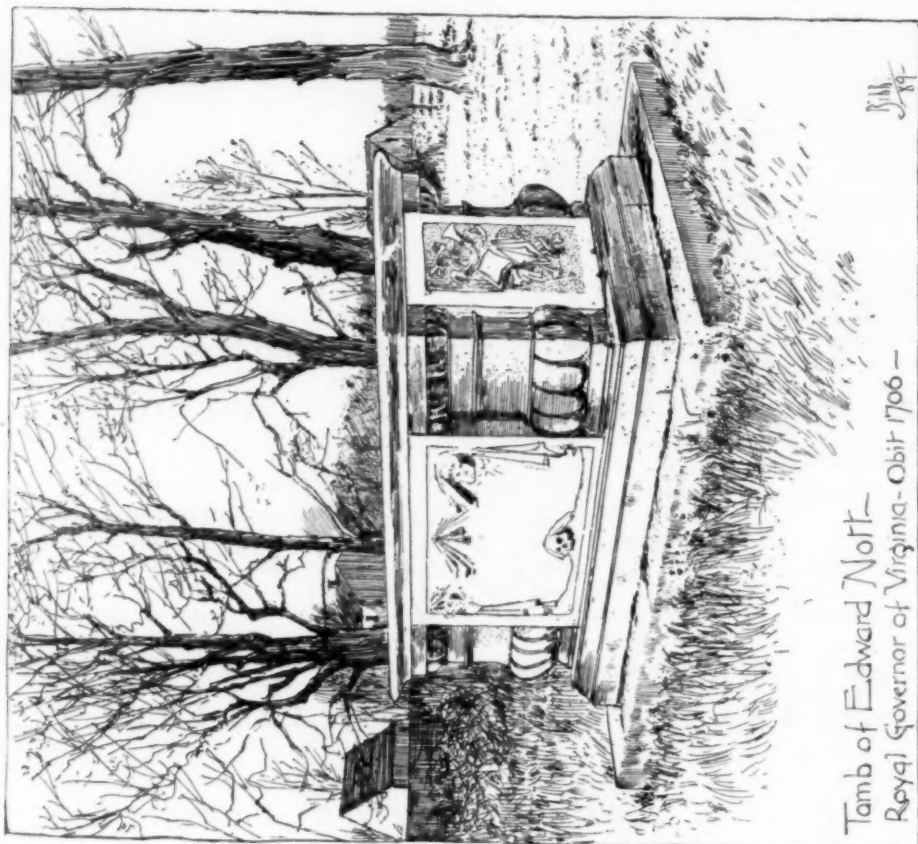
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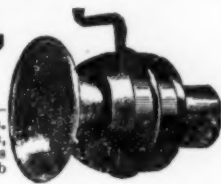


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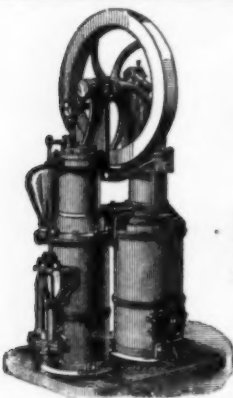
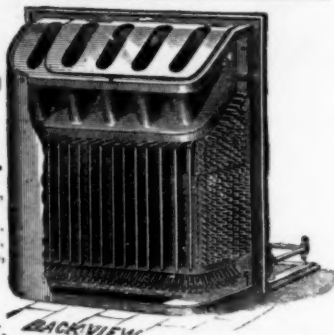
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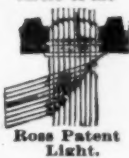
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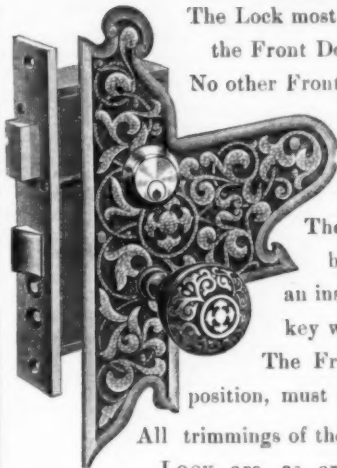
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 lowing advertisements.

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BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence
 is provided by their regular correspondents, the editors
 greatly desire to receive voluntary information, espe-
 cially from the smaller and outlying towns.]

ALTERATIONS.

Boston, Mass.—Warren St., No. 316, Ward 24, re-
 model brick dwell. for two families; owner and
 builder, Wm. Donaldson.
 India St., No. 7, and Broad St., Ward 12, rebuild
 front of mercantile building; owner, J. P. Cook,
 trustee; builder, Stephen Murphy.

Chicago, Ill.—William Borden, additional stories on
 six dwells, 29 to 47 Rush St.; cost, \$8,000.
 H. K. Wheeler, three-sty rear addition, 635 North
 Robey St.; cost, \$2,500.
 J. H. Dunberry, two-sty addition, 247-249 Wabash
 Ave.; cost, \$10,000.

Nantucket, Mass.—Main St., No. 113, alterations to
 brick dwell.; owner, Miss C. L. W. French, Boston;
 architect, W. Whitney Lewis, Boston; builder, Wm.
 Field, Nantucket.

Springfield, Mass.—Carew St. Baptist Church,
 alterations and additions; cost, \$11,810; architects,
 Gardner, Pyne & Gardner.

St. Louis, Mo.—One-sty brick addition to car shops;
 cost, \$6,500; owners and contractors, Mo. Pac. R. R.

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 lanta, Georgia; Board of Trade Building, City and
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 and Custom House, Brooklyn, N. Y.; Welles Build-
 ing, Manhattan Bank Building and new Building for
 Methodist Book Concern, New York; St. Louis
 Bridge, Missouri; New York and Brooklyn Bridge,
 and Harlem River Bridge, New York; Gen. Wool
 Monument, Troy, N. Y., etc., etc.

See last or next issue for the following
 advertisements.

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BUILDING INTELLIGENCE.

APARTMENT-HOUSES.

Boston, Mass.—Pembroke St., No. 14, Ward 18, four-
 sty brick apartments, flat roof, 25' x 57'; owner and
 builder, Fred Pope.

Brooklyn, N. Y.—Greene Ave., s s, 310' e Reid Ave.,
 2 four-sty brick flats, tin roofs; total cost, \$17,000;
 owners, John M. Freely & Co., 223 Union St.; archi-
 tects, J. D. Reynolds & Son, 363 Fulton St.
 Eighth Ave., s s, 20' n Union St., four-sty brick
 flat, tin roof; cost, \$12,000; owner, C. B. Sheldon,
 111 Seventh Ave.

Chicago, Ill.—J. S. O'Brien, three-sty flats, 3225
 Cottage Grove Ave.; cost, \$5,000.

Thomas Murphy, one-sty flats, 1003-1007 Ogden
 Ave.; cost, \$3,000.

Richard Turner, two-sty flats, 853 Fulton St.;
 cost, \$2,000.

E. W. Murphy, three-sty flats, 522 Sixty-third St.;
 cost, \$6,000.

C. C. Fowler, three-sty flats, 3703 State St.; cost,
 \$9,500.

S. Mulaychi, two-sty flats, 761 West Seventeenth
 St.; cost, \$3,400.

Albert E. Stone, two-sty flats, 979 West Twelfth
 St.; cost, \$8,000.

Constantine Bullinger, three-sty flats, 946 West
 Twelfth St.; cost, \$5,000.

Agar Bros., 2 three-sty flats, 624-626 Larrabee St.;
 cost, \$12,000.

Leamey & Green, 2 two-sty flats, 1471-1473 Monroe
 St.; cost, \$8,000.

Thomas Berkeland, four-sty flats, 164 West
 Huron St.; cost, \$6,500.

Patrick Cain, two-sty flats, 16 West Thirteenth
 St.; cost, \$3,000.

J. N. Cunningham, 4 two-sty flats, 1150-1156 Congress
 St.; cost, \$15,000.

J. C. Clinson, 3 two-sty flats, 617-625 Fifty-third
 St.; cost, \$12,000.

Thomas Burke, three-sty flats, 267 Sacramento
 Ave.; cost, \$4,000.

James L. Campbell, 2 two-sty flats, 1114-1116
 Washington Bou.; cost, \$16,000.

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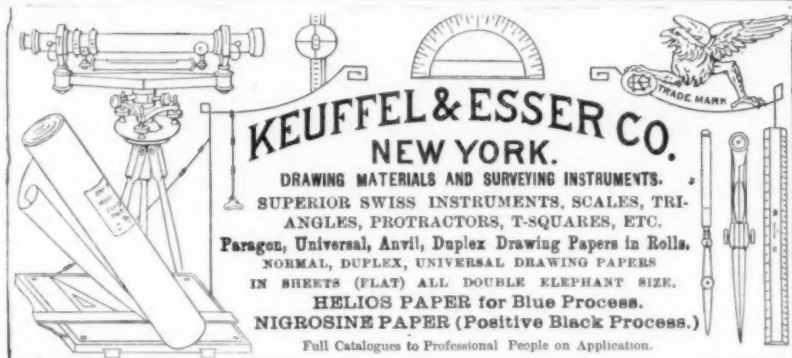
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L. H. Whitney, 2 three-sty flats, 4245-4247 Wabash Ave.; cost, \$9,000.
Louis Gunderson, two-sty flats, 807 Leavitt St.; cost, \$3,600.
Frank Hutchison, two-sty flats, 6213 Evans Ave.; cost, \$3,000.
G. A. Barker, two-sty flats, Giddings St., near Wright Ave.; cost, \$2,000.
Joseph Damek, two-sty flats, 609 Dickson St.; cost, \$3,500.
Joseph Keatsky, two-sty flats, 581 Holt Ave.; cost, \$3,500.
Anton Tryshasky, two-sty flats, 671 Dickson St.; cost, \$3,500.
Jon Blicke, two-sty flats, 171 Forquer St.; cost, \$3,500.
V. Falkeman, two-sty flats, 1452 Warren Ave.; cost, \$2,500.
F. M. Thompson, 2 two-sty flats, Goldsmith and Seventy-seventh Sts.; cost, \$4,500.
J. O. Barber, two-sty flats, 1318 Wellington St.; cost, \$2,000.
Joseph Swelski, two-sty flats, 87 Houston St.; cost, \$2,800.
R. Jensen, 2 two-sty flats, 886-888 North Rockwell St.; cost, \$6,000.
Mrs. M. L. Freeman, 7 two-sty flats, 3629-3643 Portland Ave.; cost, \$20,000.
August Lurmann, two-sty flats, 635 Rockwell St.; cost, \$2,000.
Mrs. McMahon, two-sty flats, 395 Campbell Ave.; cost, \$5,000.
A. R. John, two-sty flats, 617 West Thirtieth St.; cost, \$5,000.
Fred. Smith, two-sty flats, 4514 Wabash Ave.; cost, \$3,500.
H. W. Clinton, two-sty flats, Vernon Ave., near Sixtieth St.; cost, \$2,500.
Louis Baker, two-sty flats, 327 Dudley St.; cost, \$2,000.
Veslav Roncka, three-sty flats, 40 Waller St.; cost, \$5,000.

Minneapolis, Minn.—A. Bergman, 1723 Ninth Ave., s. three-sty brick veneer apartment-house; cost, \$18,000.
J. F. Tubbs, 1625 Stevens Ave., double three-sty brick apartment-house; cost, \$60,000.

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New York, N. Y.—East Seventeenth St., Nos. 114-116, six-sty flats; cost, \$110,000; owner, P. N. Ranney; architect, Geo. F. Pelham.
East Twenty-second St., Nos. 216-222, 4 five-sty brick, stone and terra-cotta flats; cost, \$88,000; owner, J. H. Zimmerman; architect, Charles Rentz.
Seventy-ninth St., n s, 200' w Fourth Ave., 4 five-sty brick and stone flats; cost, \$72,000; owner, L. S. Quackenbush; architect, Edward Wenz.
Eighty-fourth St., s s, 306' w Boulevard, 2 five-sty brick flats, tin roofs; cost, \$60,000; owner, Robt. W. Teller, 58 Pine St.; architect, Henry Palmer, 9 Dey St.
Eighty-fourth St., s w cor. Boulevard, five-sty brick flat, tin roof; cost, \$45,000; owner, Robert W. Teller, 58 Pine St.; architect, Henry Palmer, 9 Dey St.
Eighty-fourth St., s s, 84' w Eleventh Ave., five-sty brick flat, tin roof; cost, \$30,000; owner, Robt. W. Teller, 58 Pine St.; architect, Henry W. Palmer, 9 Dey St.
East Eighty-sixth St., No. 343, five-sty brick flats, tin roof; cost, \$18,000; owner, T. M. Amend, 1650 Avenue A; architect, Geo. M. Keister, 55 West Thirty-third St.
West Thirty-sixth St., No. 318, five-sty brick flat, tin roof; cost, \$20,000; owners, Curry & Gillie, 208 West One Hundred and Fourth and One Hundred and Fifty-second Sts. and St. Nicholas Ave.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.
Varick St., No. 163, five-sty brick flat, tin roof; cost, \$15,000; owners, Weil & Meyer, 227 East Sixtieth St.; architect, Geo. F. Pelham, 1481 Broadway.
One Hundred and Fourteenth St., n s, bet. Morningside and Manhattan Aves., seven-sty brick flat, tin roof; cost, \$150,000; owner, Hiram Morton Moore, 272 West One Hundred and Fifteenth St.; architect, T. Oliphant Spier, 21 State St.
Ninety-third St., s s, 120' e Madison Ave., 2 five-sty brick flats, tin roofs; cost, \$50,000; owners, James A. Frame & Son, 105 East Seventieth St.; architects, A. B. Ogden & Son, 1031 Madison Ave.
East Seventy-ninth St., No. 448, five-sty brick flat, tin roof; cost, \$16,000; owner, John Muldoon, 304 East Eighth-st St.; architect, Geo. F. Pelham, 1481 Broadway.
Eldridge St., No. 136, five-sty brick flat, concrete and asphalt roof; cost, \$18,000; owner, Mary A. Brechan, 61 West Sixty-second St.; architect, Daniel Burgess, 240 East Eightieth St.



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One Hundred and Sixteenth St., s s, 450' e Eighth Ave., five-sty brick flat, tin roof; cost, \$26,000; owner, Hugh Reilly, 79 East One Hundred and Nineteenth St.; architect, Edward Wenz, 1491 Third Ave.
Eighty-sixth St., s s, 148' w Avenue B, 2 five-sty brick flats, tin roofs; cost, \$38,000; owner, Fredk. P. Hummel, 432 East Eighty-fourth St.; architect, Edward Wenz, 1491 Third Ave.
Fifty-third St., s s, 150' w Ninth Ave., 2 five-sty brick flats, tin roofs; cost, \$36,000; owner, John Sheridan, 631 East One Hundred and Thirty-ninth St.; architect, James W. Cole, 403 West Fifty-first St.
East Fortieth St., No. 129, five-sty brick flat, tin roof; cost, \$22,000; owner, Amy Deane Rahway, N. J.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.
Manhattan Ave., e s, from One Hundred and Thirtieth to One Hundred and Fourteenth Sts., 7 five-sty brick flats, tin roofs; cost, \$260,000; owner, Elijah P. Briggs, 66 East One Hundred and Eleventh St.; architect, Richard R. Davis, 247 West One Hundred and Twenty-fifth St.
Eighty-fourth St., n s, 400' w Eighth Ave., five-sty brick flat, tin roof; cost, \$25,000; owner, David Rickey, 102 West Eighty-third St.; architect, G. A. Schellinger, 128 Broadway.
Ninety-eighth St., s s, 310' e Third Ave., 3 five-sty brick flats, tin or cement roofs; cost, \$54,000; owner, James W. Brockway, 163 West One Hundred and Twenty-eighth St.; architect, G. A. Schellinger, 128 Broadway.
East Eighty-ninth St., Nos. 329 to 335, 4 five-sty brick flats, tin roofs; cost, \$60,000; owner, Michael Conlin, 131 East One Hundred and Eleventh St.; architect, Terence Garmon, 409 East Sixty-ninth St.
One Hundred and Fifteenth St., n s, 84' e Madison Ave., five-sty brick flat, tin roof; cost, \$20,000; owner, Wm. J. Gilmore, 2187 Seventh Ave.; architect, John C. Burne, 153 Third Ave.
McDougal St., s w cor. Third Ave., five-sty brick flat, tin roof; cost, \$22,000; owner, Elmer W. Brown, 189 Bleeker St.; architect, Geo. Keister, 55 West Thirty-third St.
West Thirty-seventh St., Nos. 323-325, 2 five-sty brick flats, tin roofs; cost, \$36,000; owner, John D. Karst, Jr., 1874 Third Ave.; architect, Alex. I. Finckle, Broadway and Spring Sts.
One Hundred and Nineteenth St., s s, 460' e Lenox Ave., 6 five-sty brick flats, tin roofs; cost, \$40,000; owner, Geo. W. Faulkner, 321 Lafayette Ave., Brooklyn; architect, Edward Wenz, 1491 Third Ave.
Eighty-ninth St., s s, 207' w Avenue A, 2 five-sty brick flats, tin roofs; cost, \$34,000; owner, Thomas Moore, 216 East One Hundred and Fourteenth St.; architect, Edward Wenz, 1491 Third Ave.

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Henry St., Nos. 39-41, 2 five-sty brick flats, tin roofs; cost, \$50,000; owners, Sevestre & Cusack, 121 East Fifty-third St. and 293 Hoyt St., Brooklyn.

One Hundred and Forty-ninth St., s. s. 125' e Brook Ave., five-sty brick flat, tin roof; cost, \$17,000; owner, George Olt, 613 East One Hundred and Forty-ninth St.; architect, Charles Stegmeyer, 306 East Eighty-second St.

Henry St., No. 43, five-sty brick flat, tin roof; cost, \$20,000; owners, Loonie & Parker, 115 East Eighty-ninth St.; architect, Charles Rents, 153 Fourth Ave.

Greenwich St., Nos. 349-351, six-sty brick flat, tin roof; cost, \$35,000; owner, Thomas Wright, 124 West One Hundred and Twenty-second St.; architects, F. & W. E. Bloodgood, 8 York St.

St. Louis, Mo.—Two-sty brick flats; cost, \$5,000; owner, A. A. Hensake; contractor, Phil Richers.

Two-sty brick flats; cost, \$8,000; owner, B. Loblain; contractor, Phil Richers.

Two-sty and mansard brick flats; cost, \$10,500; owner, Henry C. Babcock; contractor, Phil Richers.

Two-sty brick flats; cost, \$5,000; owner, M. A. Sloan; contractor, R. P. McClure.

CHURCHES.

Brooklyn, N. Y.—Greene Ave., s. s. 125' e Clermont Ave., two-sty brick chapel, slate and tin roof; cost, \$10,000; owners, Church of the Messiah, Rev. Chas. R. Baker, 244 Washington Ave.; architect, R. H. Robertson, 121 East Twenty-third St., New York City.

Chicago, Ill.—Epsworth M. E. Church, church, Berwin and Goodwin St.; cost, \$20,000.

Evangelical Church, church, Lawrence and Milwaukee Aves.; cost, \$7,000.

Evangelical Lutheran Church, church, Humboldt and Byron Sts.; cost, \$8,000.

Ravenswood M. E. Church, church, Sunnyside and Commercial Aves.; cost, \$25,000.

Gordon, Pa.—Brick church, slate roof.

Grand Rapids, Mich.—First Holland Reformed Church, church; cost, abt. \$25,000.

Philadelphia, Pa.—Main St., s. w. cor. Graver's La., one-sty chapel; contractor, W. J. Stinger, 45 North Seventh St.

St. Louis, Mo.—Two-sty brick church and school; cost, \$5,900; owner, Rev. H. Hirstekstein; contractor, Mr. Lingemann.

FACTORIES.

Boston, Mass.—Boston St., cor. Jackson St., Ward 15, two-sty frame factory, flat roof, 38' x 50'; owner and builder, C. E. Snow.

Minneapolis, Minn.—L. Paulie, 416 Eighteenth Ave., s. s. two-sty brick factory; cost, \$1,500.

New York, N. Y.—Forty-first St., s. s. 200' w Tenth Ave., five-sty brick factory, tin roof; cost, \$40,000; owner, Paul Frybly, 439 West Forty-seventh St.; architect, G. Fred. Polham, 1481 Broadway.

Philadelphia, Pa.—Thirty-sixth St., s. e. cor. Warren St., four-sty factory; owner, Chas. McCall, 20 North Eleventh St.

Branch St., s. s. e. Fourth St., six-sty factory; contractor, P. H. Somerset, 1513 North Twelfth St.

Main St., No. 487, two-sty ice factory; owner, Geo. W. Plumby; contractor, Howard A. Busby, 4617 Wakefield St.

Mill St., s. s. e. Franklin Ave., one-sty varnish factory; contractor, Jas. T. McKee, 3131 Emerald St.

HOSPITALS.

New York, N. Y.—Fourth Ave., s. w. cor. Seventy-first St., four-sty brick hospital, tile roof; cost, \$175,000; owner, Presbyterian Hospital, 36 Park Ave.; architects, J. C. Cady & Co., 111 Broadway.

Fourth Ave., w. s. 55' s Seventy-first St., four-sty brick hospital, tile roof; cost, \$150,000; owner,

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BUILDING INTELLIGENCE.

Presbyterian Hospital, 36 Park Ave.; architects, J. C. Cady & Co., 111 Broadway.

HOTELS.

Boston, Mass.—Commonwealth Ave., No. 186, Ward 11, six-sty brick hotel, mansard roof, 26' x 69.9'; owners and builders, McKay & Smith.

Chicago, Ill.—P. J. Lynch, three-sty hotel, 4125-4127 Halsted St.; cost, \$33,000.

John Gaynor, four-sty hotel, 1471-1473 Monroe St.; cost, \$7,000.

Minneapolis, Minn.—Fidelity Co., 1226-28 First Ave., s. four-sty brick and stone hotel; cost, \$175,000.

HOUSES.

Boston, Mass.—Boylston St., near Baker St., Ward 23, 2 three-sty dwells, hip roof, 24.6' x 45.6'; owner, J. McMorrow; builder, J. J. Flynn.

Kittredge St., near Washington St., Ward 23, frame dwell, 21' x 39'; owner, Wm. Roemer; builders, Leunier & Wangler.

St. John St., near Rockview St., Ward 23, two-sty frame dwell, hip roof, 30' x 36'; owner, J. H. Gibson; builder, Fitz Hodgkins.

Pyncheon St., No. 222, Ward 21, three-sty frame dwell, flat roof, 25' x 43'; owner, H. A. Johnson; builders, K. D. Ward & Co.

Dorchester St., No. 356, Ward 15, three-sty frame dwell, flat roof, 23.6' x 60'; owner and builder, W. A. Gates.

Armandine St., near Washington St., Ward 24, two-sty dwell, hip roof, 24.6' x 45.6'; owner, E. Storkerman; builder, W. A. Macaulay.

Bernard St., near Talbot Ave., Ward 24, frame dwell, 24' x 36'; owner, A. A. Westcott; builder, S. Russell.

Bushnell St., near Rowena St., Ward 24, frame dwell, 28' x 43.6'; owner, H. M. Snell; builders, C. M. Bugbee & Co.

Crescent Ave., No. 23, Ward 24, three-sty frame dwell, flat roof, 25' x 55'; owner, E. Holden, Jr.; builder, J. A. Desorgher.

Western Ave., rear, near Market St., Ward 25, three-sty frame dwell, pitch roof, 24' x 33'; owner, D. McCarthy; builder, C. A. Higgins.

Dorchester Ave., No. 1140, Ward 24, three-sty frame dwell, flat roof, 21.6' x 36.6'; owner, Mary Hartley; builder, M. J. O'Brien.

Rockwell St., No. 15, Ward 24, frame dwell, 22' x 41'; owner, S. F. Ridler; builder, E. F. Moulton.

Unnamed St., from South St., nearly opp. Conway St., Ward 25, two-sty frame dwell, hip roof, 25' x

BUILDING INTELLIGENCE.

41'; owner, Caroline M. Atherton; builder, M. H. Fossett.

Westmoreland St., cor. Adams St., Ward 24, frame dwell, 25' x 42.6'; owner, H. S. Carruth; builder, F. M. Severance.

Walden St., near Round Hill St., Ward 22, frame dwell, 30' x 32'; owner, Alonzo Brown; builder, Henry Glazier.

Norwood St., near Tolman St., Ward 24, frame dwell, 20' x 28'; owner, Mrs. James Legree; builder, James Legree.

George St., No. 60, 3 three-sty brick dwells, flat roofs, 24' x 42'; owner, Conrad Ziegler; builders, Fink & Kluber.

Sycamore St., near Ashland St., Ward 23, frame dwell, 21' x 27'; owner, Elizabeth Strong; builders, Swanson & Murray.

Washington St., Nos. 2526-2542, Ward 21, 6 four-sty brick dwells and stores, flat roofs, 19' x 37'; owner and builder, J. H. Y. Adams.

Brookline, Mass.—Tappan St., a block of seven brick and stone dwells, 55' x 160'; two and one-half stories front and five stories rear; to be first-class dwells. In every respect; owner, E. R. Knapp; builders, Morton & Chesley; architects, Fehmer & Page, Boston.

Brooklyn, N. Y.—McDonough St., n. s. 80' w Patchen Ave., 5 two-sty brick dwells, tin roofs; cost, \$4,000 each; owner, Charles H. Roberts, 243 Reid Ave.; architects, Amzi Hill & Sons, 1161 Fulton St.

Decatur St., s. s. 100' e Ralph Ave., 12 two-and-one-half-sty brick dwells, tin roofs; cost, \$5,000 each; owner, B. Conklin, 41 Clifton Pl.; architect, J. H. Herbert, 41 Clifton Pl.

St. Mark's Ave., No. 533, n. s. 313' e Rogers Ave., four-sty brick dwell, tin roof; cost, \$5,000; owner, Mrs. E. A. Bennett, Rogers and St. Mark's Aves.; architects, Fowler & Hough, Astor House, New York.

Seneth Ave., w. s. 25' n Fourteenth St., 5 four-sty brick dwells and stores, tin roofs; cost, \$3,500 each; owner, John Gallagher, 367 Fourteenth St.; builder, Daniel Ryan, 723 Third Ave.

Greene Ave., s. s. 100' e Bushwick Ave., 3 two-sty brick dwells, tin roofs; cost, \$4,500 each; owner, Thomas Goodwin, 925 Bushwick Ave.; architect, Fred Weber, 211 Manhattan Ave.

Hamburg Ave., n. w. cor. Grove St., three-sty frame dwell and store, fireproof roof; cost, \$4,500; owner, Calvin T. De Groat, Irving Pl., near Gates Ave.; architects, Wm. Field & Son, 1030 Gates Ave.

Hamburg Ave., w. s. 25' Grove St., 3 three-sty frame dwells, fireproof roofs; cost, \$4,500; owner,

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Calvin T. De Groat, Irving Pl., near Gates Ave.; architects, Wm. Field & Son, 1030 Gates Ave.

Forty-ninth St., s. s. 320' e Third Ave., 3 three-sty frame dwells., tin roofs; cost, \$4,000; owner and architect, Wm. Clement, 302 Fifty-fifth St.

Prospect Ave., s. s. 140' w Sixth Ave., four-sty frame dwell., tin roof; cost, \$5,100; owner, Francis McNally, 292 Prospect Ave.; architect, J. L. Quesenberg, Fourth Ave. and Forty-fifth St.

Leonard St., n. e. cor. Front St., four-sty dwell. and store, tin roof; cost, \$6,500; owner, Joseph Benjamin, 10 Ewen St.; architects, D. Acker & Son, 752 Broadway.

Morgan Ave., w. s. 100' s Johnson Ave., 2 three-sty brick dwells. and stores, tin roofs; cost, \$9,000; owner, Rohman Morbari, 34 Rock St.; architect, Th. Engelhardt, 905 Broadway.

Linwood St., s. e. cor. Sutter Ave., three-sty frame dwell. and store, tin roof; cost, \$4,000; owner, Henry Knickman, Fulton and Alabama Aves.; architect, A. J. Warren, 5853 Atlantic Ave.

Essex St., w. s. 200' w Arlington Ave., 2 two-sty frame dwells., tin roofs; cost, \$2,300 each; owner and architect, Alao V. Green, 1797 Atlantic Ave.

Himrod St., n. w. s. 550' n e Evergreen Ave., 2 three-sty frame dwells., tin roofs; cost, \$4,500; owner, M. Kaiser, 144 Palmetto St.; architect, F. J. Lessing, 952 Broadway.

Fifty-third St., s. s. 218' w Fourth Ave., 4 two-sty frame dwells., tin roofs; cost, \$2,500 each; owners, J. B. McQuillen & Co., Third Ave. and Fifty-second St.

Dean St., s. s. 125' w Rockaway Ave., 3 two-sty frame dwells., tin roofs; cost, \$4,500; owner, Mr. Pearce, Rockaway Ave. and Dean St.; architect, John H. Maguire, 159 Rockaway Ave.

Stanhope St., s. s. 100' w Central Ave., 2 three-sty frame dwells., tin roofs; cost, \$5,000; owner, C. Fell, Central Ave. and Stanhope St.; architect, Frank Holmberg, 1161 Broadway.

Atlantic Ave., n. w. cor. Kane Pl., three-sty dwell. and store, tin roof; cost, \$4,000; owner, M. Mathews, Kane Pl. and Atlantic Ave.; architect, J. Dhuy, 798 Herkimer St.

Cooper St., s. w. cor. Knickerbocker Ave., three-sty frame dwell., gravel roof; cost, \$4,000; owner, James S. Leonard, 61 Ralph Ave.; architect, Frank W. Ames, 1002 Halsey St.

Chicago, Ill.—George Foster, two-sty dwell., 398 Belden Ave.; cost, \$4,000.

McCanley & Swartmont, three-sty dwell., Sixty-sixth St., near Winter St.; cost, \$12,000.

P. J. Flynn, two-sty dwell., Fifty-fifth St., near School St.; cost, \$3,500.

James A. Parish, 6 two-sty dwells., Berkley St., near Forty-fourth St.; cost, \$12,000.

F. Siegel, three-sty dwell., 3642 Michigan Ave.; cost, \$15,000.

G. A. Gilbert, two-sty dwell., 537 Washington Boulevard; cost, \$8,000.

James L. Campbell, 4 two-sty dwells., 1118-1124 Washington Boulevard; cost, \$25,000.

J. C. Thomas, 3 two-sty dwells., 140-144 Forty-second St.; cost, \$12,000.

Mrs. M. Benedict, two-sty dwell., Sixtieth St., near Wharton Ave.; cost, \$8,000.

Frank H. Barry, 6 three-sty dwells., Forty-fifth St. and Ellis Ave.; cost, \$32,000.

Frank K. Barry, 3 three-sty dwells., 3223-3227 Wabash Ave.; cost, \$16,000.

Mrs. Mary Wilke, two-sty dwell. and barn, 1936-1938 Wrightwood Ave.; cost, \$25,000.

A. E. Kester, two-sty dwell., Wright St., bet. Sixty-ninth and Seventieth Sts.; cost, \$2,500.

D. Bourgois, three-sty dwell., 12 York St.; cost, \$5,000.

John Marder, three-sty dwell., 4750 Woodlawn Ave.; cost, \$25,000.

John E. Conoley, three-sty dwell. and barn, 613 Division St.; cost, \$60,000.

G. R. Rochee, two-sty dwell., 1552 West Monroe St.; cost, \$4,500.

F. Arndt, two-sty dwell., 880 Linwood St.; cost, \$2,000.

C. Champion, 2 two-sty dwells., 1218-1220 Washington Boulevard; cost, \$12,000.

Mrs. A. B. Rowley, 3 two-sty dwells., 3609-3613 Prairie Ave.; cost, \$15,000.

A. Erickson, two-sty dwell., 302 West Thirtieth St.; cost, \$2,000.

A. L. Paul, two-sty dwell., 214 Forty-second St.; cost, \$5,000.

M. D. Smith, two-sty dwell., Aberdeen St., near Evanston Ave.; cost, \$2,300.

James Higgle, two-sty dwell., Ellis St., near Forty-ninth St.; cost, \$12,000.

H. R. Wilson, 5 three-sty dwells., 4235-4245 Forty-second Pl.; cost, \$50,000.

E. Mendel, 2 three-sty dwells., 4348-4350 Grand Boulevard; cost, \$25,000.

BUILDING INTELLIGENCE.

Kimball & Gardiner, 2 two-sty dwells., Winter St., near Seventy-ninth St.; cost, \$3,000.

W. P. Butler, 2 three-sty dwells., 4842-4846 Washington Ave.; cost, \$30,000.

F. Otto, 2 two-sty dwells., 1-3 Sheffield St.; cost, \$5,500.

Mrs. Briggs, two-sty dwell., 4114 Grand Boulevard; cost, \$3,500.

Mrs. M. Junk, 2 two-sty dwells., Fifty-fifth and Morgan Sts.; cost, \$9,000.

Cincinnati, O.—Joseph Wuest, three-sty dwell., Boal St.; cost, \$3,000; architect, Emil Baude.

Frank Huntington, two-and-one-half-sty dwell., Huntington Pl.; cost, \$12,000; architect, Edward Anderson.

Frank Huntington, two-and-one-half-sty dwell., Auburn Pl.; cost, \$4,500; architect, Edward Anderson.

Philip F. Sohn, three-and-one-half-sty dwell. and stores, Vine St.; cost, \$6,000; architects, Kieg & Marty.

Charles Ireland, two-and-one-half-sty dwell., McCormick Pl.; cost, \$3,000; architect, J. Kuckutz.

Mary Stone, two-and-one-half-sty dwell., Third St.; cost, \$2,500; architect, Adam Bae.

Robert E. Iredale, one-sty frame dwell., Washington Ave.; cost, \$3,000; architect, Fred Baker.

Charles Miller, two-sty dwell. and stable, Blue-rock Pike; cost, \$5,000; architect, Edw. Anderson.

Mrs. M. Waltz, two-and-one-half-sty dwell., Tower St., e Carthage Pike; cost, \$3,000; architect, Louis Waltz.

Fred Weber, two-and-one-half-sty dwell., Annie St., bet. Werner and Clifton Heights; cost, \$3,000; architects, G. & A. Brink.

Mrs. A. Chadwick, two-and-one-half-sty dwell., Hopple St.; cost, \$2,400; architect, Chas. Farnan.

Henry Pilg, three-and-one-half-sty dwell., Logan St.; cost, \$3,345; architects, G. & A. Brink.

Detroit, Mich.—A. L. Stephens, stone dwell. and barn, 1022 Woodward Ave.; cost, \$51,000.

E. Myrhe & Son, frame dwell., 181 Warren Ave.; cost, \$4,200.

M. M. Fisher, brick dwell. and barn, 630 Woodward Ave.; cost, \$20,000.

W. B. Hawkins, brick dwell., 811 Fourth Ave.; cost, \$3,500.

Jeremiah Connor, brick double dwell., 223-225 Willis Ave.; cost, \$8,000.

J. R. Gentle, two frame dwells., 234-238 Warren Ave.; cost, \$5,000.

Jeremiah Connor, four frame dwells., 332, 336, 344 and 352 Willis Ave.; cost, \$12,000.

Gordon W. Lloyd, architect, granite dwell., 827 Woodward Ave.; cost, \$70,000.

Beaton Building Co., brick dwell. and barn, 341 Fourth St.; cost, \$4,000.

Grand Rapids, Mich.—Double brick veneered dwell.; cost, \$6,000; owner, J. B. Barlow; architect, W. G. Robinson; contractor, F. Vanderveer.

Frame dwell.; cost, \$4,000; owner, Dr. Hazelwood; architect, A. W. Rush; builders, Campbell & McNabb.

Brick and frame dwell.; cost, \$4,000; owner, Will Gay; architect, T. R. Williamson, Philadelphia.

Frame dwell., cor. State and Lafayette Sts.; cost, \$10,000; owner, Wm. A. Bakes; architect, G. O. Fairfield; contracts not let.

Holyoke, Mass.—Rev. J. Landry, three-sty dwell., Park St.; cost, \$25,000.

Minneapolis, Minn.—B. Cooper, three-sty brick dwell., 36 South Eleventh St.; cost, \$25,000.

Louis Jacques, two-sty frame dwell., 1716 Polk St. n. e.; cost, \$4,000.

E. F. Lehman, two-sty frame dwell., 1816 Harrison St. n. e.; cost, \$4,200.

Geo. W. Bryant, frame dwell., e. s. Lake Amelia, near Fifty-second St.; cost, \$5,000.

S. S. Hatfield, frame dwell., 2723 Girard Ave., n.; cost, \$3,000.

J. W. Dreger, frame dwell., 1125 Sixth St., n.; cost, \$3,500.

James Schackleton, two-sty frame dwell., 3108 Stevens Ave.; cost, \$6,000.

C. A. Proctor, two-sty frame dwell., 3024 Park Ave.; cost, \$6,000.

Kane & Curry, 4 two-sty frame dwells., 851-855 Twenty-fifth Ave., n. e.; cost, \$14,500.

Mrs. L. R. Barber, two-sty frame dwell., 3712 Bloomington Ave.; cost, \$8,000.

Nels Oleson, two-sty frame dwell., 3416 Nineteenth Ave., s. e.; cost, \$5,000.

Gust. Ludblade, three-sty frame dwell., 2317 South Aldrich Ave.; cost, \$3,000.

H. P. Brown, two-sty frame dwell., 620 Fourth St. s. e.; cost, \$6,000.

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W. H. Lang, two-sty frame dwell., 2722 Eighth Ave., s.; cost, \$5,500.

D. B. F. Graham, two-sty frame dwell., 28 Highland Ave.; cost, \$5,000.

M. Martinsen, two-sty frame dwell., 1929 Newton Ave.; cost, \$3,500.

J. P. Jenkins, two-sty frame dwell., 1823 Buchanan St., n. e.; cost, \$3,200.

New York, N. Y.—Eighty-first St., s. s. 105' e Tenth Ave., 7 four-sty brick dwells., tin roofs; cost, \$23,000; owner, Bernard S. Levy, 121 West Seventy-eighth St.

Fifty-eighth St., s. s. 100' w Sixth Ave., 2 four-sty brick dwells., tin roofs; owner, C. T. Barney, 101 East Thirty-eighth St.; architect, J. H. Taft, 41 East Twenty-fifth St.

Seventy-first St., n. s. 268' w Ninth Ave., 4 four-sty brick dwells., tin roofs; cost, \$86,000; owners, Jno. T. & J. A. Farley, 103 West Seventieth St.; architects, Thom & Wilson, 1267 Broadway.

North Easton, Mass.—Two-sty stone dwell., free-stone trimmings, pitch roof, 43' x 56', with L. 33' x 33'; owner, Hobart Ames; builders, Cutting & Bishop, Worcester, Mass.; architects, Fehner & Page, Boston.

Philadelphia, Pa.—Clarence St., n. s. w Twenty-fifth St., 4 two-sty dwells.; owner, William Chambers, 2510 Huntingdon St.

Roshell St., n. e. cor. Cambria St., 35 two-sty dwells.; contractor, William H. Brown, 722 South Seventeenth St.

Corinthian Ave., w. s. s. Donaldson St., two-sty dwell.; contractor, J. A. Sacks, Bustleton.

Broad St., e. s. s. Venango St., 24 three-sty dwells.; owner, Samuel J. Rea, 1741 Fair Mount Ave.

Broad St., w. s. s. Venango St., 25 three-sty dwells.; owner, D. M. Bleyler, 1320 Olive St.

Elmwood Ave., s. s. w Seventy-second St., two-sty dwell.; contractor, N. P. Ogden, Eighty-fifth and Laycock Sts.

Lipia St., s. s. e Twenty-fifth St., 2 three-sty dwells.; contractor, L. B. Kraft, Ashbourne.

Watertown St., w. s. n Lehigh Ave., 10 two-sty dwells.; contractor, W. D. Hickman, 1333 Mascher St.

Union St., s Delaware Ave., three-sty dwell.; contractor, William Terry, Holmesburg.

Amber St., w. s. n Westmoreland St., dwell.; contractor, Benjamin Taylor, 4520 Paul St.

Fifteenth St., w. s. n Wharton St., 11 three-sty dwells.; owner, Andrew Mowbray, 1541 South Fifteenth St.

Sixteenth St., w. s. s Wharton St., 16 three-sty

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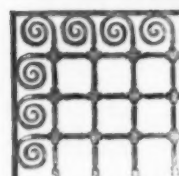
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dwells.; contractors, Doyle & Doak, 1511 Moravian St.

Mascher St., e s, s Montgomery Ave., 10 two-st'y dwells.; owners, Eldridge & Stewart, American and Diamond Sts.

Gowan Ave., s s, e Sullivan St., three-st'y dwell.; owner, A. Walkup, Ambler.

Belfield St., e s, s Mill St., 10 two-st'y dwells.; owners, Humphries & Evans, Belfield St.

Roswell St., n s, w Manayunk Ave., three-st'y dwell.; owner, Thos. Matthews, 2334 Hancock St.

Thirty-ninth St., w s, n Spruce St., 9 three-st'y dwells.; contractors, Ketcham & Sons, 1029 Brown St.

Newkirk St., e and w s, n Diamond St., 50 two-st'y dwells.; owner, John S. Serrill, 1413 North Broad St.

Emerald St., s s, n Harrowgate La., two-st'y dwell.; contractor, F. P. Tolbert, 1847 Wensley St.

Thompson St., w s, n Allegheny Ave., 19 two-st'y dwells.; owner, J. C. Moore, 4201 Walnut St.

Allegheny Ave., n s, w Thompson St., 4 two-st'y dwells.; owner, J. C. Moore, 4201 Walnut St.

Tulip St., s e cor. Conly St., three-st'y dwell.; contractor, H. P. Caator, Vankirk St. and Torrissdale Ave.

Pittsfield, Mass.—J. E. Parsons, farm-house.

Portsmouth, N. H.—Frame dwell., 40' x 60'; owner, William G. Preston; builder, W. A. Hodgdon; architects, Longfellow, Alden & Harlow, Boston.

Somerville, Mass.—Stickney Ave., frame dwell., 30' x 45'; owner, Clara K. Barber; builder, Frederick A. Chandler.

Flake Ave., frame dwell.; owner, John Dacey.

Highland Ave., block of two frame dwells., 60' x 82.6'; owner, John B. Humphrey.

Carlton St., frame dwell., 23' x 34', with L, 17' x 20'; owner, O. W. Flewelling; builder, Geo. W. Lake.

Dana St., frame dwell., 20' x 29'; owner, Chas. H. Ramsdell; builders, S. & C. H. Williams.

Ames St., frame dwell., 25' x 29', with L, 12' x 14'; owners and builders, S. & C. H. Williams.

Elmwood St., four frame dwells., each 21' x 28'; owner, Laura Seldner; builder, I. Wagner.

Tufts St., frame dwell., 35' x 45'; owner, Geo. K. Walcott.

Miller St., frame dwell., 22' x 40'; owner, Jane E. Berry.

Pearl St., near Dana St., frame dwell., 22' x 40'; owners and builders, Hudson & Lewis.

Park Pl., off Laurel St., frame dwell., 22' x 27', with L, 14' x 19'; owner, B. B. Lawrence; builders, Smith & Bradshaw.

Delaware St., frame dwell., 22' x 28'; owner, Nathan H. Reed; builder, Andrew C. Renick.

Berkeley St., cor. Central St., frame dwell., 30' x 50'; owner and builder, Gershom T. Burnham.

Sycamore St., frame dwell., 35' x 40', with L, 18' x 28'; owner, Wm. P. Hill; builder, Gershom T. Burnham.

Albion St., near Cedar St., frame dwell., 30' x 27',

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with L, 7' x 13'; owner, Samuel Wiswell; builder, Prentice Sargent.

Chandler St., frame dwell., 20' x 50'; owner, Fred J. Warner; builder, Jason E. Herrick.

Chandler St., frame dwell., 25' x 36'; owner and builder, Jason E. Herrick.

William St., frame dwell., 23' x 33'; owner, Fred L. Warner; builder, Jason E. Herrick.

Dickinson St., two frame dwells., each 20' x 32'; owner and builder, James W. Connor.

Raney St., two frame dwells., each 24' x 36'; owner and builder, Clarence E. Gerlish.

Final Ave., frame dwell., 27' x 52'; owner, Robert H. Barton.

New Jenny Lind Ave., frame dwell., 25' x 25', with L, 13' x 14'; owner, Willard Miller; builder, Wm. E. Jones.

Tufts St., frame dwell., 42' x 59'; owner, W. F. Mansfield; builders, Waugh & Waugh.

Sycamore St., frame dwell., 38' x 48'; hard-wood finish, steam-heat; owner, Walter H. Whitney; contract to be let; architect, J. Merrill Brown, Boston.

Springfield, Mass.—J. X. Ripley, three-st'y double dwell., North Chestnut St.; cost, \$6,000; architect, J. M. Currier.

H. E. Burdick, three-st'y double dwell., Wellesley St.; architect, J. M. Currier.

St. Louis, Mo.—Two-st'y brick dwell.; cost, \$5,000; owner, M. R. Brown; contractor M. B. Scanlon.

Ware, Mass.—F. Carter, F. G. Fisher and H. E. McGrath, four dwells., Church St.; cost, \$2,500 each.

OFFICE-BUILDINGS.

Chicago, Ill.—W. E. Hale, fifteen-st'y office-building, 100-104 State St.; cost, \$185,000.

New York, N. Y.—Third Ave., w s, 245' s One Hundred and Thirty-fourth St., two-st'y brick office, plastic roof; cost, \$13,000; owner, The J. L. Mott Iron Works, 88-90 Beekman St.; architect, A. G. Thompson.

Broadway, s e cor. Fortieth St., three-st'y brick office, tin roof; cost, \$15,000; owner, William McMahon, 230 West Fifty-second St.; architects, Thom & Wilson, 1267 Broadway.

BUILDING INTELLIGENCE.

Broadway, n e cor. Eighteenth St., ten-st'y office and studio building; owner, Jacob D. Butler.

Philadelphia, Pa.—South Thirtieth St., No. 109, two-st'y office-building; owner, Hayes Mendenhall, 4017 Wallace St.

Venango St., s s, w Myrtle St., one-st'y office; contractor, Jos. Crouse, 2076 East Cumberland St.

Market St., No. 2052, one-st'y office; owner, D. W. Champlin, on premises.

Sixteenth St., n e cor. Columbia Ave., one-st'y office; contractor, John O'Connor, 1416 Chadwick St.

SCHOOL-HOUSES.

Minneapolis, Minn.—Board of Education, two-st'y brick school-building, w cor. of Sixteenth Ave. and Fourth St.; cost, \$35,000.

Board of Education, school-building, s w cor. Talvoe and Fourteenth Aves., s e; cost, \$14,000.

Philadelphia, Pa.—Montrose St., n s, e Twenty-first St., three-st'y school-house; contractor, W. R. Chapman, 1215 South Broad St.

Seneca St., n s, w Forty-ninth St., two-st'y school-house; contractor, C. M. Grubb, 723 Jayne St.

St. Louis, Mo.—Three-st'y brick college; cost, \$25,000; owner, Beaumont Medical College; contractor, S. M. Rop.

Three-st'y brick school; cost, \$100,000; owner, Anna S. Cairns; contractor, J. Moyulhan.

STABLES.

Boston, Mass.—Armstrong St., rear, Ward 23, frame stable, 20' x 30'; owner and builder, W. Priesing.

Ashmont St., rear, near Adams St., Ward 24, one-st'y frame stable, hip roof, 40' x 50'; owner, Emma M. Pond; builder, C. A. Dearborn.

South St., rear No. 72, Ward 23, one-st'y frame stable, 30' x 35'; owner, M. J. Deveney.

Beacon St., No. 422, rear, Ward 11, one-st'y brick stable, flat roof, 33' x 40'; owner, H. H. Fay; builders, McNeil Bros.

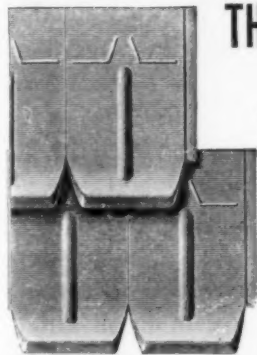
Chicago, Ill.—A. W. Wheeler, two-st'y barn, 5141-5143 Washington Ave.; cost, \$2,400.

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BOWER - BARFF RUSTLESS IRON CO., - 31 Nassau St., N. Y.**THORN'S PATENT METALLIC ROOFING,
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26 Liberty Street**SOUTH BROOKLYN****RUST PROOF WROUGHT-IRON AND STEEL WORKS.
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iron and steel apply to**C. W. GESNER, 15 State St., N. Y.**Orders received for Gesner Non-Porous, Rust Proof
Cast Iron Sanitary Soil Pipe.**MANLY MFG. CO.,**

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WROUGHT & CAST IRONFor Buildings,
Railings, Gates, etc.**ARTISTIC & STRUCTURAL Roofs, Columns, etc.****BUILDING INTELLIGENCE.**J. F. Severy, two-sty stable, 49 Oak St.; cost,
\$2,500.S. E. Jose, two-sty livery stable, 5041-5049 Lake
Ave.; cost, \$2,200.**Cincinnati, O.**—Charles Ireland, two-sty stable,
McCormick St.; cost, \$2,500; architect, Jacob
Kuckutz.**Philadelphia, Pa.**—Silome St., n Otis St., two-sty

stable; owner, Jacob Murphy, 1346 Otis St.

Mommsouth St., No. 2357, two-sty stable; owner,

Michael Shields, on premises.

Eleventh St., No. 2325, one-sty stable; owner,

Charles W. Weikel, 2148 North Eighth St.

Fisher St., e s, n Lehigh Ave., two-sty stable;

contractor, H. S. McClay, 3026 Richmond St.

Parrish St., s s, e Forty-third St., stable and

carriage-house; contractor, Wm. Biern, cor. Forty-

fourth St. and Westminster Ave.

Seventy-ninth St., n w cor. Brewster Ave., one-

sty stable; owner, Charles Kates, 794 Brewster Ave.

McKean St., s s, e Fourth St., two-sty stable;

owner, J. J. Cassidy, Moyamensing Ave. and Mc-

Kean St.

Point Breeze Ave., w s, s Wharton St., two-sty

stable; owner, Thos. McCartney, 1255 South Twen-

tieth St.

Lancaster Ave., n s, e Forty-sixth St., two-sty

stable; owner, Thos. Kennelly, 4545 Lancaster Ave.

Taylor St., n e cor. Montgomery Ave., one-sty

stable; contractor, J. J. Gallagher, 2415 Ridge Ave.

Franklin St., No. 4923, one-sty stable; owner,

4928 Franklin St.

Orkney St., w s, s Cambria St., two-sty stable;

contractor, Wm. Frailing, 2818 Hope St.

Fifteenth St., s Allegheny Ave., two-sty stable;

contractor, H. A. Miller, Fifteenth and Clearfield

Sts.

Broad St., e s, s Carpenter St., one-sty stable;

owner, John Wanamaker, Thirteenth and Market

Sts.

Walnut La., e Main St., one-sty stable and car-

riage-house; contractors, Kemp & Garrison, 1320

Olive St.

Washington La., e Stenton Ave., two-sty stable;

contractor, C. M. Henshaw, Mill Ave. and Blue

Hill.

Somerville, Mass.—Cedar St., frame stable, 20' x

30'; owner, Alvah M. Thompson; builder, Wilbur P.

Rice.

Central St., No. 36, frame stable, 17' x 26'; owner

and builder, Edward Cox.

Central St., frame stable, 17' x 26'; owner,

Edward Cox; builder, Alex M. Godfrey.

Pearl St., near Dana St., frame stable for four

horses, 20' x 30'; owners and builders, Hudson &

Lewis.

STORES.**Brooklyn, N. Y.**—Broadway, s e cor. Myrtle Ave.,

three-sty brick store, tin roof; cost, \$3,300; owner,

Mary A. Young, 702 Monroe St.; architects, Billard

& Crowell, 99 Broadway.

Chicago, Ill.—C. Hollenbach, four-sty store and

flats, 703 West Eighteenth St.; cost, \$4,500.

Christ. Ickes, three-sty store and flats, 153 Wells

St.; cost, \$7,000.

Richard Curran, two-sty store and flats, 5622

Prairie Ave.; cost, \$2,500.

Vass Bros., two-sty store and flats, Vincennes

Ave. and Murray St.; cost, \$2,000.

Andrew Groenwaldt, three-sty store and flats, 668

Holt Ave.; cost, \$10,000.

Cincinnati, O.—J. H. Twachtman, three-and-one-

half-sty store and tenement, Cutter St.; cost, \$6,-

000; architect, Emil F. Bände.

Detroit, Mich.—J. L. Quinn, brick store, 15 Cadillac

Sq.; cost, \$10,000.

BUILDING INTELLIGENCE.

half-sty store and tenement, Cutter St.; cost, \$6,-

000; architect, Emil F. Bände.

Detroit, Mich.—J. L. Quinn, brick store, 15 Cadillac

Sq.; cost, \$10,000.

Thomas Fairbairn, three-sty brick store, 249

Seventh St.; cost, \$6,000.

Gordon W. Lloyd, five-sty double store, 118-126

Larned St., w; cost, \$37,500.

Hudson, Mass.—Four frame stores, in block, with

tenements above, 50' x 100'; owner, L. P. Jeffs;

contract to be let; architect, S. S. Woodcock,

Boston.

Minneapolis, Minn.—M. Tobin, 201 Eighth Ave.,

n e, two-sty brick store and flats; cost, \$9,000.

J. & L. Wenard, 3129 Washington Ave., n, three-

sty brick store and flats; cost, \$17,500.

Charles Bartock, 806 Cambridge St., near Oak St.,

two-sty brick store and flats; cost, \$14,000.

Solomon Robelshek, 1429 Washington Ave., s,

three-sty brick store and flats; cost, \$10,000.

G. W. Taylor, 301 Seventeenth Ave., s, three-sty

brick veneer store and flats; cost, \$12,000.

F. E. Blomgren, 1001 Twenty-fourth St., s, brick

veneer store and flats; cost, \$3,000.

New York, N. Y.—Bleecker St., s w cor. Mercer St.,

ten-sty brick store, tin roof; cost, \$400,000; owner,

Rachel Cohnfeld, 218-220 West Fifty-ninth St.; ar-

chitect, Alfred Zuecker, Union Sq.

Suffolk St., e s, 150' s Houston St., six-sty brick

store, tin roof; cost, \$15,000; owner, Geo. W. Fol-

som, Lenox, Mass.; architect, James W. Farn-

sworth, 5 and 9 Beekman St.

Philadelphia, Pa.—Thompson St., w s, e Wellington

St., two-sty store and dwell.; owner, J. C. Moore,

4201 Walnut St.

Allegheny Ave., n s, w Thompson St., two-sty

store and dwell.; owner, J. C. Moore, 4201 Walnut

St.

Manheim Ave., e s, s Wayne Ave., three-sty store

and dwell.; contractor, W. S. McNabb, 208 Mill St.

Somerville, Mass.—Pearl, Marshall and Medford

Sts., three brick and wood stores, halls and offices,

flat roofs, 54' x 87'; owners, John E. A. Mulliken

and Geo. H. Moore.

Stauben, O.—Market St., three-sty brick and stone

store, 40' x 35', with long wing; owner, Jones Mun-

ker; contract to be let; architects, Longfellow,

Alden & Harlow, Boston.

St. Louis, Mo.—Three-sty brick store; cost, \$4,500;

owner, Wm. Sausser; contractors, Grunnewald &

Wend.

TENEMENT-HOUSES.**Boston, Mass.**—Kensington St., Nos. 12-16, Ward 21,

3 three-sty frame dwells., flat roofs, 23' x 51.6';

owner, Henry Kelly; builder, F. E. Hennessey.

Beaumont St., near Adams St., Ward 24, frame

dwell., 27' x 30'; owner, H. S. Carruth; builder, F.

M. Severance.

Green St., cor. Union Ave., Ward 23, four-sty

brick tenement and store, flat roof, 51.4' x 68';

owner, Patrick Meehan.

Union Ave., near Green St., Ward 23, four-sty

brick tenement, flat roof, 48.6' x 73'; owner, same as

last.

Cincinnati, O.—Burdick, three-and-one-half-sty

tenement, Sycamore St.; cost, \$32,000; architects,

G. & A. Brink.

Minneapolis, Minn.—F. Thorpe, 1600 Second Ave.,

s, three-sty brick tenement; cost, \$35,000.

F. Thorpe, 137-41 Sixteenth St., s, three-sty brick

tenement; cost, \$18,000.

BUILDING INTELLIGENCE.

H. G. Darrow, 103 East Twenty-seventh St.,

three-sty brick veneer tenement; cost, \$25,000.

Taylor, 1310-12-14-16 Twenty-first Ave., n, tene-

ment; cost, \$8,000.

Taylor, cor. Fourth St. and Fourth Ave., n e,

three-sty brick tenement; cost, \$30,000.

Chas. F. Sawyer, 114-126 East Fourteenth St.,

three-sty brick and stone tenement; cost, \$25,000.

New York, N. Y.—Lewis St., n w cor. Seventh St.,

two-sty brick tenement, tin roof; cost, \$5,000;

owner, George H. Kohl, 75 Forsyth St.; architect,

Fred Ebeling, 3 First Ave.

One Hundred and Fifty-sixth St., n w cor. Court-

land Ave., four-sty brick tenement, tin roof; cost,

\$14,000; owner, Margaret Wagner, 564 East One

Hundred and Fifty-fourth St.; architect, Michael

Garvin, 3311 Third Ave.

Jackson St., No. 53, five-sty brick tenement, tin

roof; cost, \$12,000; owner, Robert M. Strebeigh, 7

East Forty-fifth St.; architect, Ernest W. Greis, 36

Union Sq.

King St., No. 21, four-sty brick tenement, tin

roof; cost, \$11,000; owner, A. W. Thompson, 133

West Houston St.; architect, M. Snedicker, cor.

Laight and West Sts.

Waverly Pl., No. 177, five-sty brick tenement,

tin roof; cost, \$13,000; owner, William Rankin, 253

West Fifty-first St.; architect, James W. Cole,

403 West Fifty-first St.

St. Louis, Mo.—Two-sty brick tenement; cost,

\$3,800; owner, Theo. Diller; contractors, Matthies

& Schneider.

Two-sty brick tenement; cost, \$5,000; owner,

Wm. Kotthoff; contractor, Wm. Herkenhoff.

Two-sty brick tenement; cost, \$4,000; owner and

contractor, H. H. Schumaker.

Two-sty brick tenement; cost, \$3,800; owner, A.

V. Fausek; contractor, Fred Wendt.

WAREHOUSES.**New York, N. Y.**—Broadway, Nos. 762-766, 3 seven-

sty brick, iron, stone and terra-cotta warehouses;

cost, \$140,000; owner, S. Dessan; architects, Schnei-

der & Herter.

West Forty-third St., No. 150, five-sty brick ware-

house; cost, \$20,000; owners, Westcott Express Co.;

architect, George H. Griebel.

MISCELLANEOUS.**Boston, Mass.**—Essex St., No. 85, Edinboro St. and

Oliver Pl., Ward 10, six-sty brick mercantile build-

ing, flat roof, 59.3' x 95'; owners, A. H. Rhodes

and E. L. Ripley; builder, George W. Pope.

Savin Hill Ave., No. 205, rear, Ward 24, two-sty

frame club-house, pitch roof, 41' x 43'; owner,

Savin Hill Yacht Club; builder, W. A. Lent.

Scotia St., No. 10, Ward 11, five-sty brick carriage-

house, flat roof, 43.7' x 119'; builder, W. D. Vinal.

Causeway St., No. 275, cor. Charlestown St., Ward

7, five-sty brick mercantile building, flat roof, 44' x

48'; owner, W. Robbins estate; builder, John Kelley.

Brooklyn, N. Y.—Norman Ave., n s, 40' e Russell

St., three-sty frame boiler-house, gravel roof; cost,

\$5,000; owners, J. A. & W. H. Post and H. G. Dorr,

119 Freeman St.; architect, Fred Weber, Manhattan

Ave.

Cincinnati, O.—Cincinnati Natural History Co.,

exhibition building, Broadway St.; cost, \$4,000;

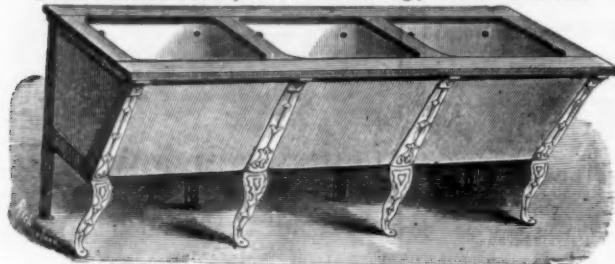
architect, George Vogel.

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STEWART CERAMIC COMPANY,

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Solid White Crockery Sinks, comprising Butler's Pantry, Kitchen, Slop, etc., Made of same material as the tubs. Very strong, well glazed, no labor required to keep clean. LIBERAL TERMS TO THE TRADE. SEND FOR PRICE-LIST AND CATALOGUE.

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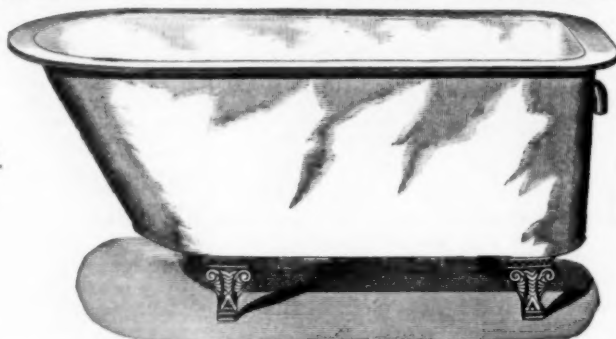
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BUILDING INTELLIGENCE.

Detroit, Mich.—Donaldson & Meier, frame clubhouse, Belle Isle; cost, \$7,500.

Henry Carew & Co., three-st'y brick electric works, 1445-53 Woodward Ave.; cost, \$22,000.

North Granby, Conn.—Free frame library; cost, \$10,000; architect, J. D. Sibley; Building Committee: C. Latham, E. W. Dewey, W. A. Stratton, G. S. Goddard, L. Spring, B. Holcomb.

Fulton St., No. 1409, four-st'y brick bowling and billiard establishment, tin roof; cost, \$10,000; owner, F. W. Carruthers, 1357 Fulton St.; architects, Sibley & Miller, 149 Broadway, New York.

Philadelphia, Pa.—Richmond St., e. s. n. Norris St., two-st'y shop and dwell.; owners, J. McCauley & Sons, 1328 East Montgomery Ave.

Merion Ave., w. Forty-ninth St., one-st'y foundry; contractor, Wm. R. Dougherty, 1624 Sanson St.

Barker St., e. s. e. Eighteenth St., three-st'y shop; contractor, Samuel J. Rex, 1741 Fairmount Ave.

Summer St., n. w. cor. Philip St., one-st'y carpenter-shop; contractor, Edward Smith, 3228 Bridesburg Ave.

Race St., s. s. e. Thirtieth St., abattoir; owners, Pennsylvania R. R. Co.

Pittsburgh, Pa.—Fourth Ave., granite building for offices, 60' x 110'; owner, J. J. Vandergrift; contract to be let; architects, Longfellow, Alden & Harlow, Boston.

Pittsfield, Mass.—Gimble & White, five-st'y brick and stone brewing-house.

PROPOSALS.

BRICK.

[At Providence, R. I.]

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE, CITY HALL,
PROVIDENCE, R. I., May 9, 1890.

Proposals for brick for "Improved Sewerage System." Sealed proposals will be received at this office until 11 o'clock A. M. Friday, the 30th day of May, 1890, for furnishing material, as directed by resolution of the City Council No. 155, approved March 25, 1890, said material to be delivered in this city, viz:

From 1,000,000 to 12,000,000 hard body bricks in accordance with the following

SPECIFICATION:

First quality.—From one to six millions of the bricks shall be of the best quality of hard bricks, whole, burnt hard entirely through, regular and uniform in shape and size, and smooth on the long edges; they shall be of a compact texture, and bricks which,

PROPOSALS.

after being thoroughly dried and immersed in water for twenty-four hours, absorb more than sixteen per cent of water will be rejected.

Second quality.—From one to six millions of the bricks may be of second quality, whole, hard, not more than one-third of which may be of black ends, but all must be sound and of good shape.

Each class is to be furnished separately.

The size of brick upon which each bid is made shall be specified in the bid, and a sample of five bricks of each kind offered must be furnished with the bid.

The delivery of the bricks is to commence on or before June 20, 1890, continued in regular monthly installments, and be fully completed on or before October 20, 1890.

All bricks will be subject to inspection by the City Engineer before being received, and those not in accordance with the above specification will be rejected.

The right on the part of the city will be reserved to increase or diminish, by ten per cent, the quantity of bricks to be furnished by any contractor.

Bidders are requested to state the quantity they propose to furnish (not less than 1,000,000), and whether the bricks are to be delivered on wharf or on cars on the Harbor Junction branch of the New York, Providence & Boston Railroad.

A satisfactory bond for a sum equal to about one-tenth of the estimated amount of the contract, as liquidated damages for failure to execute the contract within ten days, if awarded, must accompany each proposal, and a satisfactory bond for a sum equal to about one-third of the estimated amount of the contract, conditioned upon the faithful performance of the contract, will be required of the successful bidder. The right to reject any or all proposals is reserved.

JOHN A. COLEMAN,
Commissioner.

752

May 10, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 12th day of June, 1890, for all the labor and materials required for the erection and completion of the United States Court-House and Post-Office building at Greenville, S. C. (except heating apparatus), including the approaches, 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. Each bid must be accompanied by a certified check for \$500. The Department will reject all bids received after the time fixed for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be sealed and endorsed "Proposal for the Erection and Completion of the United States

COL. GEORGE E. WAR-
ING, JR., C. E. etc., in his recent work on Sewerage and Land Drainage, in speaking of traps liable to siphonage, says: "the best remedy would be to supply the defective traps at their summits with McClellan's Mercury Seal-Trap Vent, a perfectly safe device, of little cost, simple and easy of application, and sure to supply air when needed."

TUCKER & TITUS,

Plumbers, Sanitary Plumbing,
Drainage and Ventilation.

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JAMES TUCKER. Telephone No. 1223. FRANK A. TITUS

PLUMBING.

HENRY HUSSEY & CO., 79 Kingston St., Boston.

Public and Private buildings examined and put in thorough condition. Plans, specifications and estimates furnished for city and country work on application.



PROPOSALS.

Court-House and Post-Office building at Greenville, S. C., and addressed to JAS. H. WINDRIM, Supervising Architect. 753

May 17, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 9th day of June, 1890, for all the labor and materials required for the iron furring, lathing and plastering for the United States Court-House and Post-Office building at Pittsburgh, Pa., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$200. The Department will reject all bids received after the time fixed for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be sealed and endorsed "Proposal for Iron Furring, Lathing and Plastering for the United States Court-House and Post-Office building at Pittsburgh, Pa., and addressed to JAS. H. WINDRIM, Supervising Architect. 753

May 14, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 6th day of June, 1890, for all the labor and material required to fix in place complete the low-pressure, return-circulation, steam-heating and ventilating apparatus, and power-boiler, with connections, for the United States Post-Office, Court-House, etc., building at Wichita, Kansas, in accordance with drawings and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time fixed for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. JAS. H. WINDRIM, Supervising Architect. 753

HIGH SCHOOL.

[At Lynn, Mass.]

Sealed proposals will be received at the Mayor's office, City-hall, Lynn, Mass., until 3 o'clock, June 3, 1890, for all work and material necessary to be done or furnished for the erection of a High School Building for the city of Lynn, according to plans and specifications, to be on file on and after the 19th day of May at the office of Wheeler & Northend, architects, 87 Exchange Street, Lynn, Mass., subject to the terms of said plans and specifications.

The Committee reserve the right to reject any or all bids, and a certified check of five hundred dollars (\$500) made payable to the City Treasurer, and to be enclosed with each bid as a guaranty that the bidder will enter into a contract if his bid is accepted.

ASA T. NEWHALL,

Chairman Committee on Education.

753

The J. L. MOTT IRON WORKS,

84 to 90 Beekman Street,
NEW YORK,

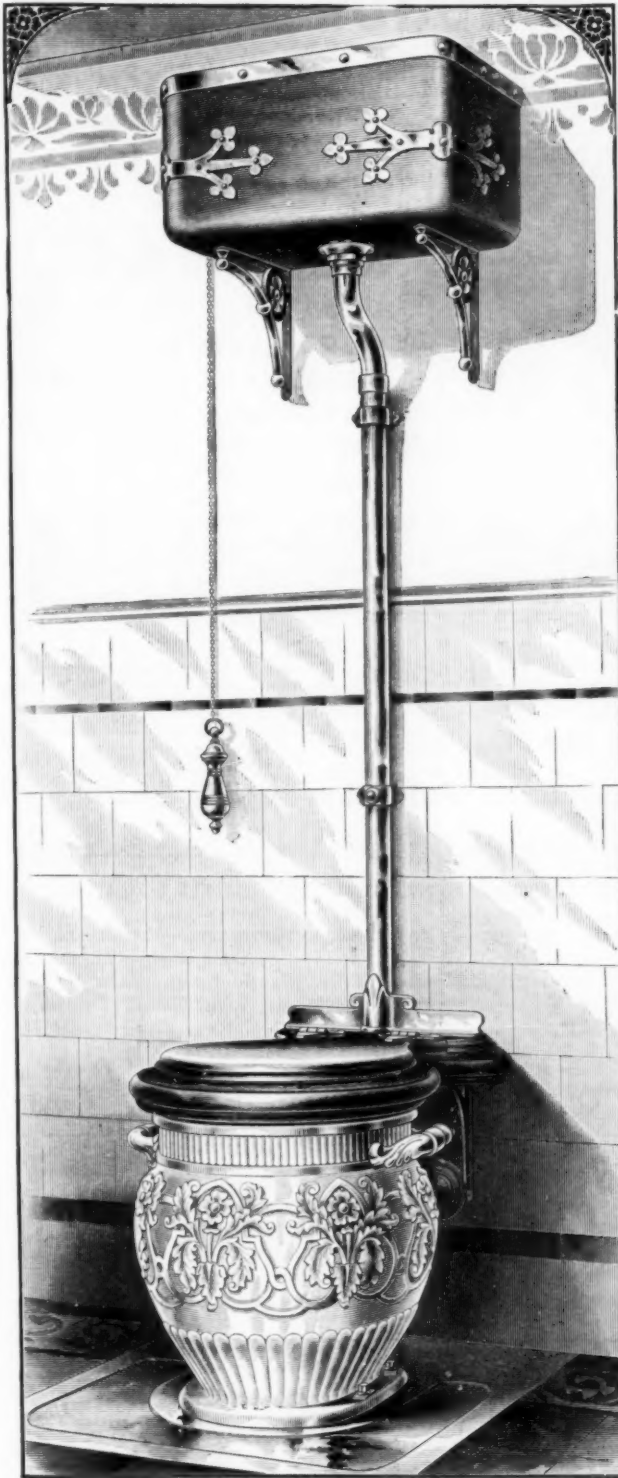
AND

311 & 313 Wabash Avenue,
CHICAGO, ILL.

[See Alphabetical Index on page VII for Pagination.]

Classified Advertisements.

[Advertisers can be indexed only under a single head free of charge.]



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THE GRECIAN VASE WATER-CLOSET.

(PATENTED; OTHER PATENTS PENDING.)

THE GRECIAN VASE WATER-CLOSET combines the sanitary features of a first-class wash-out ventilating closet with a handsome and artistic design, being the reproduction of a classic shape made of the finest quality of English Porcelain.

The Cistern illustrated above is a departure from stereotyped designs; it is a combination of finely finished woodwork with brass ornaments.

Illustrated price-list mailed on application.

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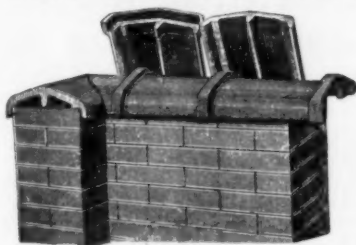
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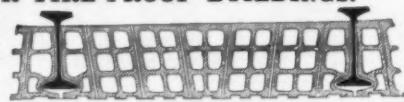
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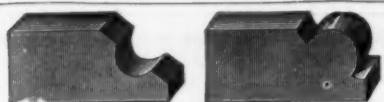
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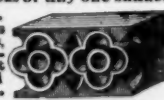
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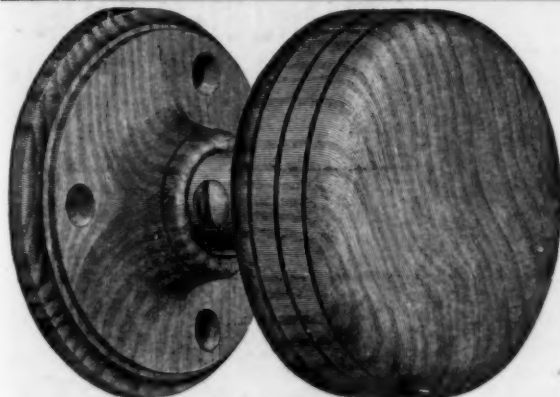
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Fig. A.

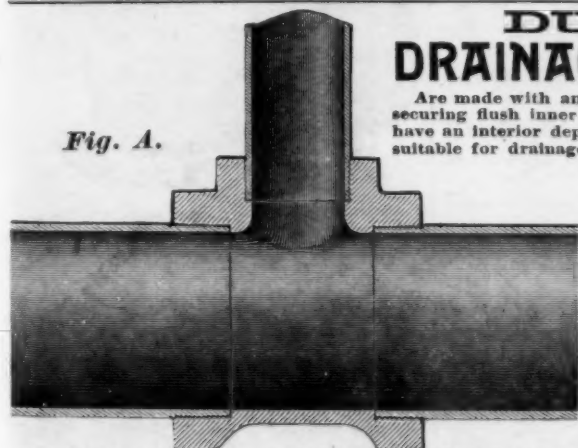
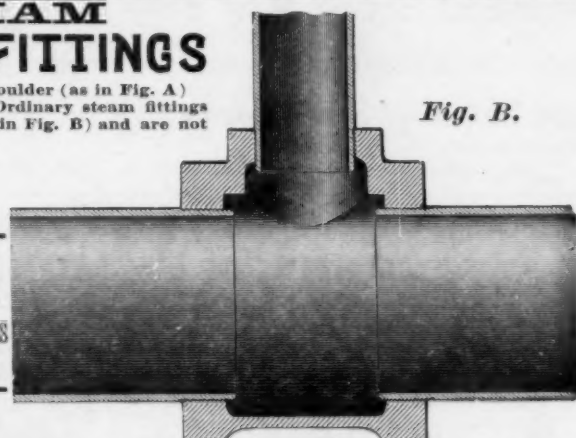


Fig. B.



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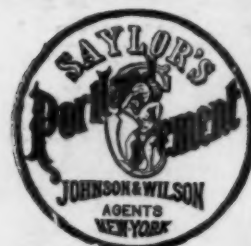
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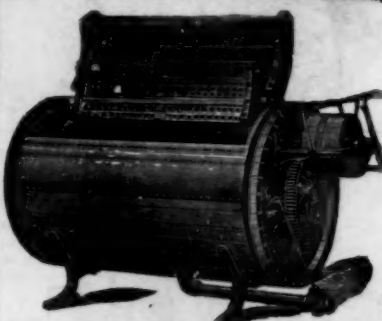
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Boards: (Ordinary dimensions.)

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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Spruce, sawed.....

Redwood..... P. M.

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Cedar posts, 9 ft. (sq. posts).....

Chestnut.....

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Butternut.....

Hard-pine floors (rift).....

Mahogany, Baywood [Mexican].....

" St. Domingo.....

Maple.....

Oak, red.....

" white.....

" quartered.....

Sycamore quartered.....

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Redwood.....

Rosewood..... P. M.

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Whitewood.....

Yellow pine..... P. M.

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(Wholesale Prices.)

(Price to Builders and Contractors.)

55 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
25 00 @ 25 00	13 00 @ 25 00	Not sold.	16 00 @ 20 00
ea 13 1/2 @ 14	13 00 @ 15 00	12 00 @ 12 00	11 25 @ 13 50
20 @ 40	25 00 @ 35 00	29 00 @ 37 00	14 03 @ 29 00
@	32 00 @ 40 00	@	@ 35 00
@	@	40 00 @ 60 00	10 00 @ 32 00
@	@	25 00 @ 45 00	Not sold.
@	@	@	14 00 @ 25 00
@	@	12 00 @ 15 00	25 00 @ 37 00
14 00 @ 18 00	15 50 @ 20 00	Not sold.	16 00 @ 18 00
12 00 @ 16 00	14 00 @ 16 00	10 00 @ 13 00	13 00 @ 17 00
18 00 @ 21 00	24 00 @ 35 00	@	22 00 @ 28 00
@	@	2 25 @ 2 25	2 75 @ 3 00
2 35 @ 2 50	2 25 @ 2 50	Not sold.	2 30 @ 3 00
@	@	@	@
5 00 @ 5 00	@ 4 50	Not sold.	2 20 @ 3 00
4 00 @ 5 00	@	Not sold.	@
1 50 @ 2 00	1 50 @ 00	Not sold.	@
1 40 @ 1 60	3 75 @ 4 00	6 00 @ 7 50	30 1/2 @ 35 @ 40
@	@	Not sold.	24 1/2 @ 8 @ 21
@	@	2 00 @ 2 35	20 1/2 @ 35 @ 14
18 00 @ 20 00	5 00 @ 6 00	3 50 @ 4 00	11 00 @ 14 00
41 @ 54	Plies 60. P. ft.	Put to order.	9 00 @ 13 00
8 00 @ 10 00	10 00 @ 18 00	P. 10 00 @ 18 00	43 @ 1 25
@	25 @ 50	9 @ 21	20 @ 30
@	25 @ 50	Not sold.	@
55 00 @ 60 00	45 00 @ 60 00	80 00 @ 40 00	30 00 @ 40 00
80 00 @ 120 00	85 00 @ 120 00	80 00 @ 103 00	80 00 @ 100 00
40 00 @ 60 00	60 00 @ 70 00	50 00 @ 60 00	70 00 @ 80 00
@	50 00 @ 60 00	@	@
@ 180 00	150 00 @ 160 00	150 00 @ 200 00	150 00 @ 250 00
@ 350 00	120 00 @ 350 00	200 00 @ 250 00	200 00 @ 400 00
45 00 @ 50 00	45 00 @ 50 00	18 00 @ 35 00	25 00 @ 55 00
@ 70 00	@ 50 00	32 00 @ 40 00	45 00 @ 55 00
@ 70 00	50 00 @ 55 00	22 00 @ 40 00	45 00 @ 55 00
@ 90 00	65 00 @ 80 00	45 00 @ 50 00	60 00 @ 75 00
@	50 00 @ 65 00	25 00 @ 50 00	57 29 @ 65 00
65 00 @ 70 00	50 00 @ 75 00	35 01 @ 51 00	@ 65 00
80 00 @ 70 00	60 00 @ 70 00	55 00 @ 65 00	60 00 @ 75 00
@	@	@	@
@ 6	32 00 @ 35 00	@	@
125 00 @ 150 00	85 00 @ 120 00	55 00 @ 100 00	50 00 @ 170
45 00 @ 50 00	40 00 @ 45 00	18 00 @ 40 00	25 00 @ 40 00
@ 45 00	40 00 @ 42 00	29 00 @ 40 00	27 50 @ 45 00

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Colorific 1/2 lb.	2 1/2			
Red 1/2 lb.	3			
White 1/2 lb.	1 1/2			
Foundation:				
Dimension		5 00 1/2 ton	20	5 00
Block		4 00 1/2 porch		1 45 2 50
Rubble		1 25 1 50	8 50	
Bluestone: (1/2 sq. ft.)				
Sidewalk	30 50 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
Kilboe	90	90 1 10		1 05 1 35
Brown (Connecticut)	1 00 95	1 25 1 45	1 50 1/2 enb. ft.	
Amherst	90 95	90 1 00	45 50	
Berea Ohio	75 1 00	80 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
New Brunswick (Dorchester)	1 00	75 90		1 00 1
Caen		2 00		1 25 1
Carlisle English	1 05	1 05		95 1
Corse Hill (Scottish)	1 05	1 05		
Marble: (1/2 cu. ft.)				
Leo, Mass.		1 75 2 50	Not sold.	2 00 2 50
Butland, white and blue		3 00	3 50 6 00	2 00 3 00
Sutherland Falls	1 25 1 75	2 00	3 50 6 00	1 70 3 00
Glass Falls, black			Not sold.	4 00 4 50
Italian, blue-veined			4 40	2 50 2 75
"Sienna			Not sold.	4 00 5 00
Tennessee, red			4 40	4 00 6 00
"Knoxville			4 40	3 00 4 00
Pennsylvania, blue			Not sold.	2 00 3 00
Vermont, white			3 50 6 00	2 25 3 00
Slate: Roofing (1/2 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		8 25 8 85	3 25 4 00
"Chapman			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.			Not sold.	6 00 25 00
N. Peach Bottom, warranted unfading				6 00 6 75
PAINTS. (In oil, 1/2 lb.)				
White lead, Am.	7 7 7 1/2	7 7 7 1/2	6 1/2 7	2 7 7
"Zinc	5 5 5 1/2	5 5 5 1/2	6 6 6 1/2	2 7 7
Red lead, Am.	6 6 6 1/2	6 6 6 1/2	6 6 6 1/2	2 7 7
"Venetian	6 6 6 1/2	6 6 6 1/2	6 6 6 1/2	2 7 7
"Vermilion	6 6 6 1/2	6 6 6 1/2	6 6 6 1/2	2 7 7
Red Indian, Eng.	6 6 6 1/2	6 6 6 1/2	6 6 6 1/2	2 7 7
Yellow Ochre	6 6 6 1/2	6 6 6 1/2	6 6 6 1/2	2 7 7
"Chrome	6 6 6 1/2	6 6 6 1/2	6 6 6 1/2	2 7 7
Green (chrome)	6 6 6 1/2	6 6 6 1/2	6 6 6 1/2	2 7 7
Green, Paris	6 6 6 1/2	6 6 6 1/2	6 6 6 1/2	2 7 7
Black, lamp	6 6 6 1/2	6 6 6 1/2	6 6 6 1/2	2 7 7
Blue, ultramarine	6 6 6 1/2	6 6 6 1/2	6 6 6 1/2	2 7 7
Oil, linseed, (raw)	6 6 6 1/2	6 6 6 1/2	6 6 6 1/2	2 7 7
"boiled	6 6 6 1/2	6 6 6 1/2	6 6 6 1/2	2 7 7
Tar-pentine	6 6 6 1/2	6 6 6 1/2	6 6 6 1/2	2 7 7
Varnish, coach	6 6 6 1/2	6 6 6 1/2	6 6 6 1/2	2 7 7
Shellac	6 6 6 1/2	6 6 6 1/2	6 6 6 1/2	2 7 7
Putty	6 6 6 1/2	6 6 6 1/2	6 6 6 1/2	2 7 7
Whiting	6 6 6 1/2	6 6 6 1/2	6 6 6 1/2	2 7 7
Paris white, (Eng.)	6 6 6 1/2	6 6 6 1/2	6 6 6 1/2	2 7 7
Litharge, Am.	6 6 6 1/2	6 6 6 1/2	6 6 6 1/2	2 7 7
Sienna (burnt)	6 6 6 1/2	6 6 6 1/2	6 6 6 1/2	2 7 7
Umber	6 6 6 1/2	6 6 6 1/2	6 6 6 1/2	2 7 7
HARDWARE.				
Nails: (Per Cask.) Spikes, (wrought.)	2 25		2 75 3 00	2 25
10d. common	2 50	2 15	2 25	2 30
Shingle	3 35	2 35	2 75	2 60
Lath	4 85	3 55	3 61	3 60 4 75
Finishing nails according to size.			Add .85 to \$1.15	per lb 4 6
(For casing nails add 75c. per keg.)			.50 to .90	Add 1/2 cask
Butts: 4"x4"				2 90 (all kinds.)
Plain	1 00	1 20	90	1 35 2 00
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. (1/2 pair.)	65	50	Not sold.	1 25
Bronze metal	1 90	1 65	2 00 3 25	1 00
Brass (10" enboards)	10	10	12	35
Ebony				37 1 00
Apple wood				
Knobs: (1/2 set.)				
Mineral, best	8	8	8 10	8 08
Lava	50	75	65 80	Not sold.
Hematite	Not sold	17 33	31 40	25 30
Porcelain	30	50	25 30	100 2 50
Glass, solid	Not sold	88 1 00	Not sold.	1 75 2 00
Glass, silvered	Not sold	50 3 00	50 3 00	50 3 50
Bronze metal	75 2 00	50 3 00	1 00 3 00	75 1 25
Brass	1 00 2 50		13 16	13 16
Solder:				
Sheet Lead		6 1/2	7	6 1/2
Lead Pipe			6 1/2	6 1/2
Iron:				
I-Beams, up to and including 30 ft.	3 3-10 34	3 1-10	3 20 3 70	2 8-10
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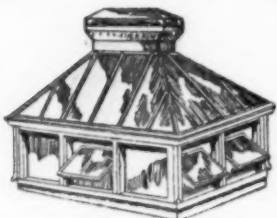
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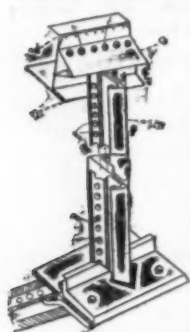
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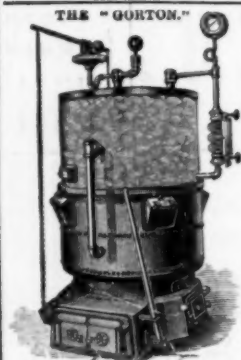
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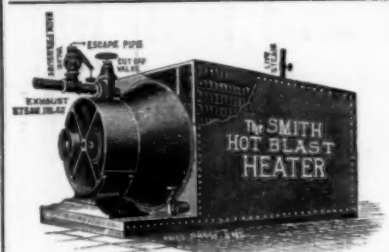
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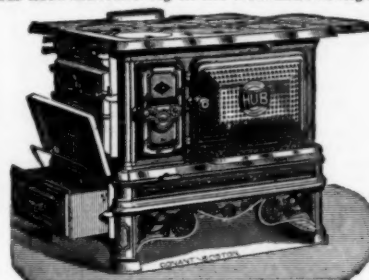


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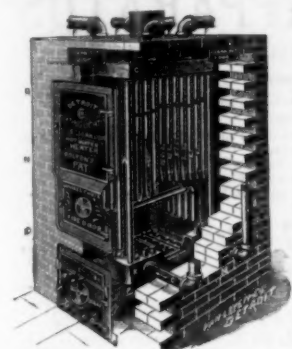
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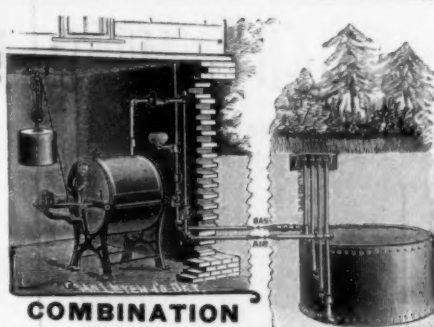


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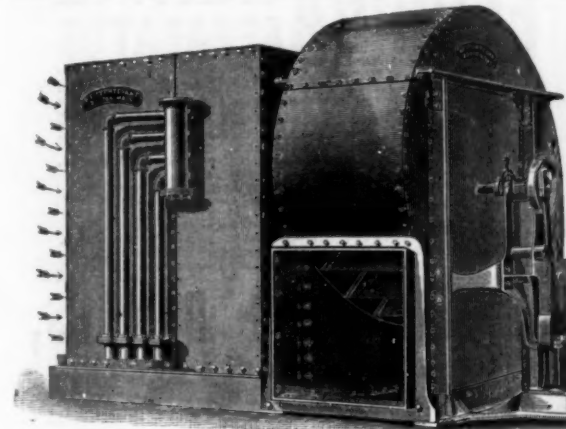
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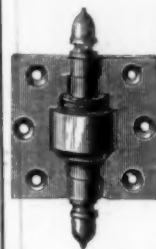
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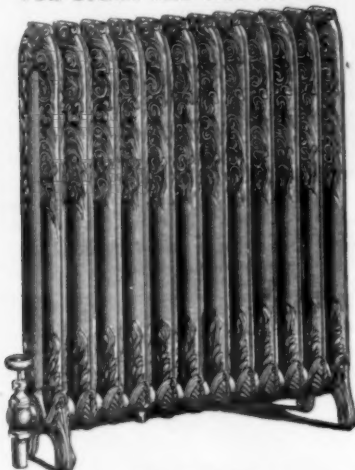
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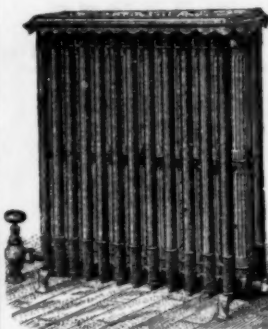
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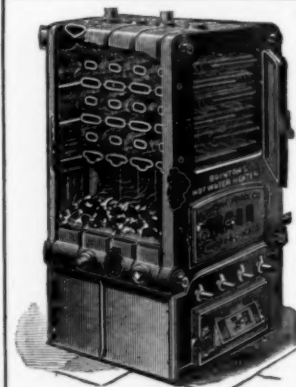
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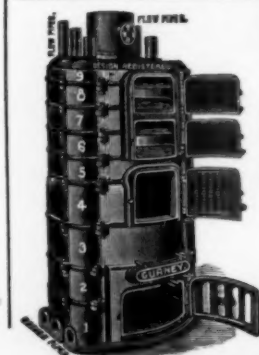
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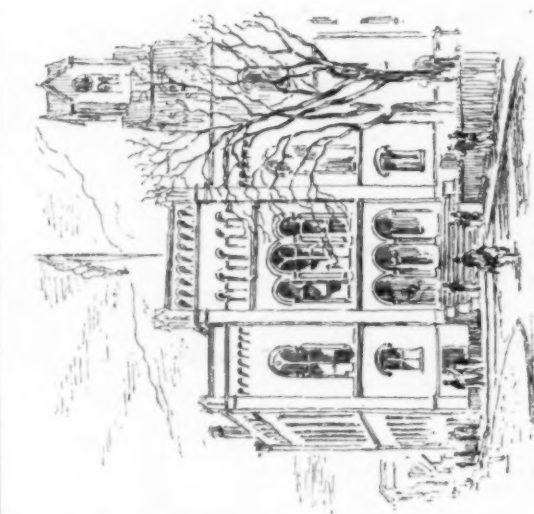
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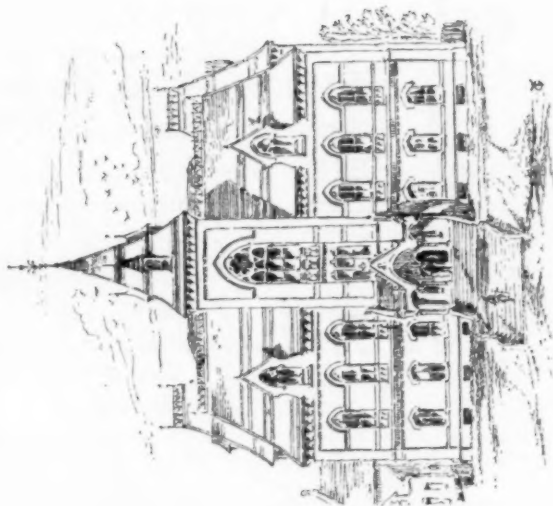
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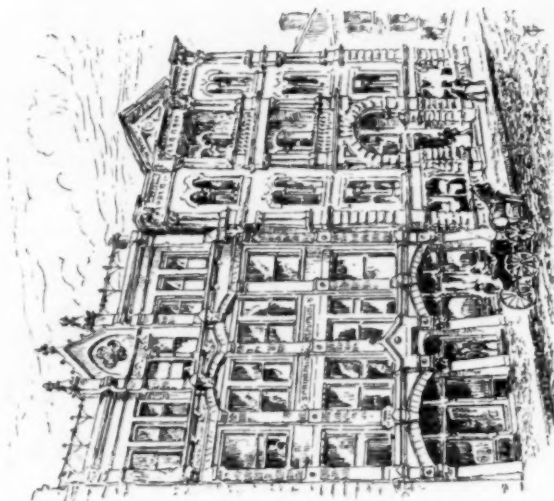
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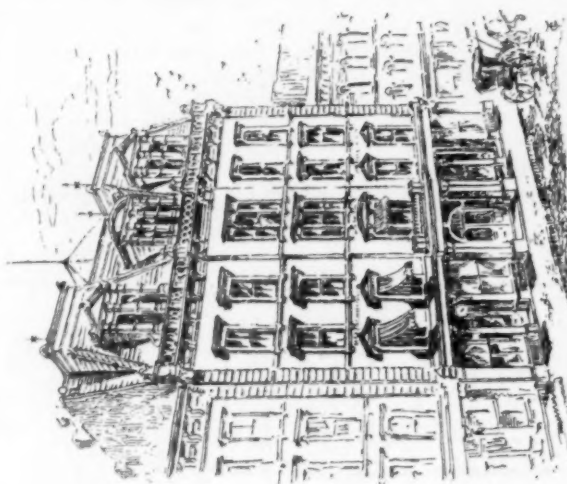
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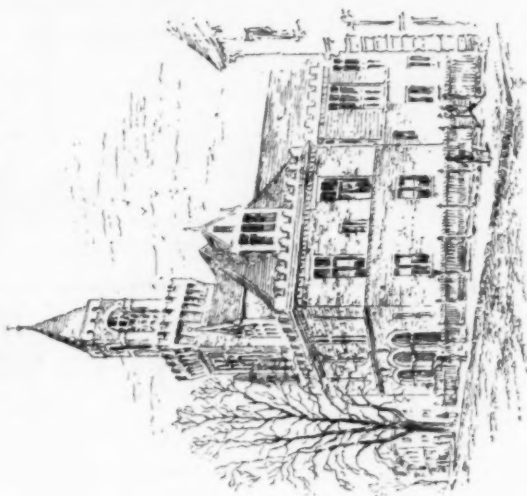
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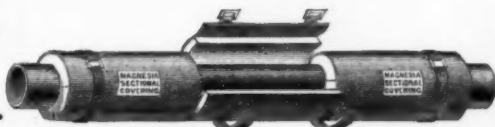
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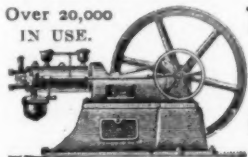
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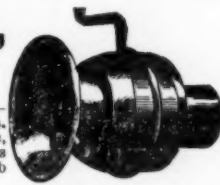
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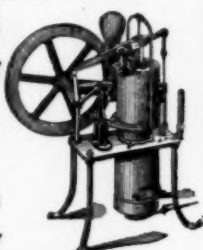
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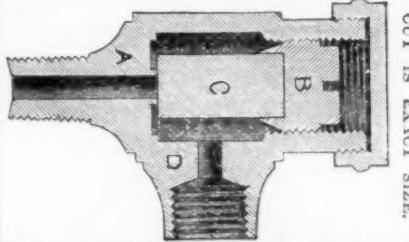
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NO. 47.—CAN A MANUFACTURER BE DEPENDED ON TO ADVISE HIS CUSTOMERS RIGHT?

Will he seek his own advantage at their expense, or will he make their interest his?

A change has come over some manufacturing businesses.

Formerly a manufacturer sold to the trade. He made what the trade was satisfied with; and he was satisfied when he had sold it and got his money for it. There was little change in products. Improvements were slow. There was no one to make them. The manufacturer could not make them; he had no market except for approved commodities.

Europe goes on in the same old way. The Old World has great advantage in labor, which is supposed to rule manufacturing interests; but we are getting ahead in spite of that difference.

The change is from making to suit an unintelligent market to making a market for better products.

The modern way, the modern American way at least, is to make things right for use and to seek out the users of them, skipping buyers and sellers more or less and going direct to the users.

The way to commend a thing for use is to find the user and lend or give it to him. Then, if he finds it better than what was best before, he adopts it. The market is made.

But the thing has got to be an improvement on what has gone before. The way to make improvements is to study the places for them. So it has come to be manufacturers' work to study their customers work and improve on facilities for it.

A great manufacturer has resources for study and means of informing himself beyond the reach of his customers. They are his friends as well as customers. All their wants are open to him. They are his counsel, and he is theirs. He takes their knowledge, puts it with his, and draws conclusions, invents and improves; and they try his inventions. He is partner with them.

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New Advertisements.

RIDGWAY FURNACE CO. (Boston, Mass.), Furnace.
Page xi.

PERSPECTIVE DRAWING.

The American Architect Drawing-Office will undertake the preparation of perspective drawings in line or color from scale drawings, or will render drawings already in outline. Address the editors.

WANTED.

SUPERINTENDENT.—A practical, experienced builder (architect preferred) to supervise the erection of brick and frame buildings. Address P. O. Box 354, Atlanta, Ga. 754

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WANTED.

DRAUGHTSMAN.—Wanted, architectural draughtsman competent in design, detail, perspective and in color and ink rendering. Address the Editors, American Architect. 753

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DRAUGHTSMAN.—A good opportunity for a young man who is a practical draughtsman, understands details of construction, and has had an experience in same, is open. Address, with statement of experience, references and wages expected, Blacksburg Land and Improvement Company, Blacksburg, S. C. 753

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FOREMAN.—A first-class foreman, with experience in the management of men and machinery in architectural iron works; best of reference required. Address M. Clements, Iron Works, Cincinnati, O. 753

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Re-Insurance Fund.....1,070,003.98
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BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

ALTERATIONS.

Boston, Mass.—Kneeland St., cor. Tyler St., Ward 10, remodel brick dwell. and store; owner, D. C. Robbins; builder, Benj. Dewing.

Huntington Ave. junction of Blagden St., Ward 11, alterations and additions to Hotel Huntington; owner, Levi B. Gay.

Lowell St., cor. Lyman St., Ward 7, alterations to brick dwell. and store; owner, James N. Perkins; builders, J. Cavanagh & Son.

Brooklyn, N. Y.—Bergen St., No. 275, three-sty and basement brick dwell., tin roof, three-sty and basement extension to be added and internal alterations made; cost, \$3,000; owner, Joseph Krines, 179 Warren St.; architect, Maurice Freeman's Sons, 284 Warren St.

Quincy St., s. e. 89° e Downing St., two-sty brick stable, tin roof, one and two-sty extension to be added, gravel roof; cost, \$8,252; owners, Frederick Looser & Co., Fulton St., opp. De Kalb Ave.; architect, R. L. Daus, 26 Court St.

Chelsea, Mass.—Alterations of two dwells. for

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See last or next issue for the following advertisements.

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J. E. Bolles & Co.
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Samson Cordage Works.
Bridgeport Wood Finishing Co.
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Merchant & Co.
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Wehn Pavement Co.
Utica Steam Gauge Co.
Keuffel & Esser Co.
U. S. Heating and Plumbing Co.
N. & G. Taylor Co.

BUILDING INTELLIGENCE.

hospital purposes; owner, R. S. Frost; work done by day; architect, S. S. Woodcock, Boston.

Manchester, N. H.—Addition to country dwell. of Mr. Woodbury; cost, abt. \$7,000; contract to be let; architects, Longfellow, Alden & Harlow, Boston.

Minneapolis, Minn.—Central Baptist Church, cor. Grand St. and Fourth Ave., s. addition to church; cost, \$1,200.

Thompson & Houston, Fourth St. and First Ave., s. alterations to store; cost, \$5,500.

New York, N. Y.—Cedar St., Nos. 62-64, two stories added and other improvement made; cost, \$40,000; owner, De Lancy Kane estate; architect, J. August Llanen.

Philadelphia, Pa.—Thirty-third and Wharton Sts., tower on Hope Presbyterian Church, of Newtown brownstone, Indiana limestone trimmings, slate roof, bell and clock with three dials.

Pittsburgh, Pa.—Fourth Ave., alterations to Farmers' Deposit and National Bank; contract to be let; architects, Longfellow, Alden & Harlow, Boston.

APARTMENT-HOUSES.

Brooklyn, N. Y.—Sackett St., s. e. 92° e Henry St., 3 four-sty brick apartment-houses, tin roofs; cost, \$24,000; owner, John Murphy, Hicks and Amity Sts.; architect, W. M. Coots, 26 Court St.

Chicago, Ill.—John Lindahl, four-sty flats, 273 North Franklin St.; cost, \$19,000.

L. B. Mann, two-sty flats, 909 North Robey St.; cost, \$2,500.

T. Astello, four-sty flats, 220 North Sangamon St.; cost, \$7,000.

Malcolm Carrother, 6 two-sty flats, 12-128 Pacific Ave.; cost, \$20,000.

Christ. Birgerardt, two-sty flats, 506 North Paulina St.; cost, \$2,500.

N. Schramm, two-sty flats, 1023 West Twenty-first St.; cost, \$4,000.

John Gilliecher, three-sty flats, 117 Laffin St.; cost, \$7,000.

John Stack, two-sty flats, 3152 Shields St.; cost, \$3,500.

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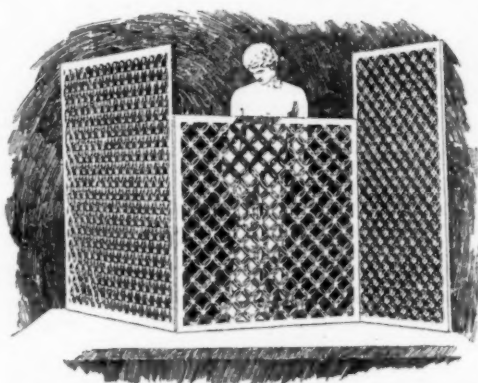
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August Burnett, three-sty flats, 90 Bissell St.; cost, \$4,500.
S. H. McLean, six and four-sty flats, 4001 Grand Boulevard; cost, \$25,000.
Wise & McCurdy, two-sty flats, Cedar and School Sts.; cost, \$2,800.
A. Hellar, three-sty flats, 82 Twenty-fifth St.; cost, \$4,000.
George Moore, two-sty flats, 355 West Congress St.; cost, \$4,000.
John Anderson, three-sty flats, 259 Noble St.; cost, \$4,500.
John Martin, three-sty flats, 484 South Robey St.; cost, \$3,300.
Henry Vierling, two-sty flats, 4350 Dearborn St.; cost, \$2,500.
M. O. Day, two-sty flats, 35 Utica St.; cost, \$3,200.
William Thoms, two-sty flats, 687 West Superior St.; cost, \$4,000.
William Kaman, three-sty flats, 46 Tell Pl.; cost, \$3,000.
Joseph Trumbley, two-sty flats, Michigan Ave. and Stanwood St.; cost, \$2,000.
Louis Pommerl, two-sty flats, 5737 Wabash Av.; cost, \$2,500.

New York, N. Y.—One Hundred and Fifth St., n s, 100' e Fifth Ave., 2 five-sty brick flats, tin roofs; cost, \$40,000; owners, Bannon & Feehan, 71 East One Hundred and Sixth St.; architects, A. B. Ogden & Son, 1031 Madison Ave.
Caroline St., Nos. 34-34-36, five-sty brick flat, tin roof; cost, \$38,000; owner, William Broadbelt, 2 West One Hundred and Thirtieth St.; architect, John C. Burne, Third Ave., cor. Eighty-sixth St.
Lenox Ave., w s, 25' s One Hundred and Thirty-fourth St., 3 five-sty brick flats, tin roofs; cost

BUILDING INTELLIGENCE.

\$30,000; owner, Edmund Hume, 4 West Twenty-seventh St.; architect, Wm. H. Hume, 2 West Fourteenth St.
Sullivan St., No. 5, five-sty brick flat, tin roof; cost, \$20,000; owner, Isaac Rinaldo, 148 East Seventy-fourth St.; architect, Fred Eberling, 3 First Ave.
Second Ave., Nos. 7-9, 2 five-sty brick flats, tin roofs; cost, \$40,000; owner, John Stimmel, 291-293 Bowery; architect, Louis F. Heinicke, 62 Bowery.
Eleventh St., s e cor. Washington St., five-sty brick flat, tin roof; cost, \$18,000; owner, Patrick Anderson, 342 West Eleventh St.; architect, Julius Munkowitz, 247 West One Hundred and Twenty-fifth St.
Madison Ave., n w cor. One Hundred and Sixth St., 4 five-sty brick flats, tin roofs; cost, \$100,000; owner, Hugh Brady, n e cor. One Hundred and Sixth St. and Madison Ave.; architect, Edward Wenz, 149 Third Ave.
West Sixteenth St., Nos. 252-254, 2 five-sty brick flats, tin roofs; cost, \$36,000; owner, William Rankin, 253 West Fifty-first St.; architect, James W. Cole, 403 West Fifty-first St.
One Hundred and Fifteenth St., n s, 325' w Seventh Ave., 4 five-sty brick flats, tin roofs; cost, \$60,000; owner, Hiram Moore, 56 East One Hundred and Tenth St.; architect, J. Averill Webster, 110 East One Hundred and Twenty-fifth St.

HOUSES.

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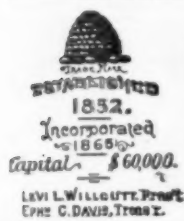
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Pomeroy St., near Saunders St., Ward 25, three
frame dwell., 20.6' x 30.6'; owner, L. C. Warren;
builder, D. Baldwin.
Wales St., near Harvard St., Ward 24, frame
dwell., 27' x 42.6'; owner, Mrs. G. A. Brewster;
builder, F. E. Reed.
Barnstone St., near Saunders St., Ward 25, two
frame dwell., 22.6' x 30.6', and 24.6' x 28'; owner, H.
Rogers; builder, D. Baldwin.
Beacon St., No. 422, Ward 11, four-st'y brick

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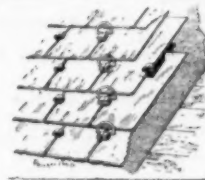
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dwell., flat roof, 33' x 78', and brick stable; owner,
H. H. Fay; builders, McNeil Bros.
Beacon St., No. 458, Ward 11, four-st'y brick
dwell., flat roof, 24' x 70'; owner and builder, T. R.
White.
Moreland St., No. 78, Ward 20, frame dwell., 31.8'
x 47.10'; owner, Mary E. Willard; builder, Herman
Drake.
Walnut Ave., No. 320, Ward 21, frame dwell., 45' x
54'; owner, B. Gray; builder, E. Russell.
Hillside St., No. 26, Ward 22, three-st'y frame
dwell., hip roof, 21.6' x 26'; owner, Horace Lyndell;
builder, D. Blanchard.
Holland St., No. 31, Ward 21, frame dwell., 34.9'
x 49.9'; owner, J. G. Clarkson; builders, Gillis Bros.
Pope St., Nos. 16-18, Ward 1, 2 three-st'y frame
dwell., flat roof, 21' x 34'; owners, Andrews &
Co.; builder, W. Goodwin.
St. James St., Nos. 18-20, rear, Ward 21, 2 three-
st'y frame dwell., flat roofs, 23.6' x 38'; owner, H.
S. Lawrence; builder, W. Tobin.
Walnut St., No. 31, Ward 4, three-st'y frame
dwell., flat roof, 24' x 46'; owner, Patrick Lally.
Hacre St., No. 283, Ward 1, three-st'y frame
dwell., flat roof, 22.6' x 50.6'; owner, Mrs. James
Collins; builder, G. B. Brooks.
Pomeroy St., near Saunders St., Ward 25, frame
dwell., 20.6' x 30.6'; owner and builder, D. Baldwin.
Sparhawk St., near Minto St., Ward 25, frame
dwell., 36' x 40'; owners, Davenport & Learnard;
builder, I. N. Davenport.
Brooklyn, N. Y.—Bushwick Ave., n e cor. Jefferson
Ave., 5 three-st'y brick dwell., and stores, metal
roofs; cost, \$4,000; owner, architect and builder,
Stephen J. Burrows, 236 Ainslie St.
Montgomery Pl., n s, 452' 11" s e Eighth Ave.,
four-st'y brick dwell., tile and tin roof; cost, \$18,-
000; owner, V. Koehel, 419 First St.; architect, R.
L. Daus, 26 Court St.
Jefferson Ave., s s, 329' e Marcy Ave., three-st'y
brick dwell., tin roof; cost, \$17,000; owner, John A.
Sharp, 438 Grand Ave.; architect, Mercian Thomas,
16 Court St.
Decatur St., s s, 425' w Reid Ave., 3 two-st'y brick
dwell., tin roofs; cost, \$4,300 each; owner, J. F.
Tyler, 723 Jefferson Ave.; architects, Amzi Hill &
Son, 1161 Fulton St.
Macon St., n s, 129' e Patchen Ave., 3 two-and-
one-half-st'y brick dwell., tin roofs; cost, \$5,000
each; owner and architect, Frederick Miller, 29
Reid Ave.
Franklin Ave., w s, 102' 9" s Flushing Ave., three-
st'y brick dwell., cement and gravel roof; cost,
\$12,000; owner, George Malcolm, Flushing Ave. and
Stillman St.; architect, W. M. Coats, 26 Court St.
Van Siclen Ave., s e cor. Belmont Ave., three-st'y
frame dwell. and store, tin roof; cost, \$6,000;
owner, James McCadden, 463 Belmont Ave.; archi-
tect, Wm. Danmar, 2921 Atlantic Ave.
Jefferson St., n s, 175' e Evergreen Ave., 2 three-
st'y frame dwell., and store, tin roofs; cost, \$8,500;
owner, Chas. G. Freshmann, 39 Jefferson St.; archi-
tect, Th. Engelhardt, 905 Broadway.
Jefferson St., s s, 200' e Central Ave., 2 three-st'y
frame dwell., tin roofs; cost, \$9,500; owner, Mat-
thew Kaicher, 186 Jefferson St.; architect, Th.
Engelhardt, 905 Broadway.
Railroad Ave., 450' n Adams Ave., 3 two-st'y
frame dwell., shingle roofs; cost, \$1,500 each;
owners, Acker & Ilman, Arlington Ave. and Elton
St.; architect, Walter H. Volckening.
Oakland St., e s, 25' s Freeman St., three-st'y
frame dwell., felt, pitch and gravel roof; cost,
\$4,500; owner, Martin Hawkins, 213 Freeman St.;
architect, Fred Weber, 211 Manhattan Ave.

BUILDING INTELLIGENCE.

Bushwick Ave., s e cor. Grove St., two-st'y frame
dwell., shingle roof; cost, \$10,000; owner, Chas.
Lindemann, 77 Linder St.; architect, John E.
Dwyer, 58 Fulton St.
Clifton Pl., n s, 193' e Bedford Ave., 3 two-and-
one-half-st'y brick dwell., tin roofs; cost, \$5,000
each; owner and architect, E. W. Phillips, 543
Greene Ave.
Berkeley Pl., s s, 200' e Eighth Ave., three-st'y
brick dwell., tile and slate roof; cost, \$20,000;
owner, George P. Tangeman, 410 Clinton St.; archi-
tects, Lamb & Rich, 265 Broadway, New York City.
Eighth Ave., s s, 76' 8" n Tenth St., two-st'y and
mansard brick dwell., tin and slate roof; cost, \$15,-
000; owner, Fred Bruckbauer, Rodney St.; archi-
tect, George Ingram, Fulton St.
Vermont Ave., e s, 75' s Liberty Ave., three-st'y
frame dwell., tin roof; cost, \$3,200; owner, Bern-
hard Fauser, 119 Broome St., New York; architect,
Richard Vorn Lehn, 108 Walton St.
Myrtle Ave., n s, 376' 10" w Wyckoff Ave., one-st'y
frame dwell., tin roof; cost, \$3,500; owner, J.
Brodsky, 65 Ten Eyck St.; architect, Frank Holm-
berg, 1161 Broadway.
Sixteenth St., s s, 83' 10" e Third Ave., 3 four-st'y
brick dwell., tin roofs; cost, \$7,000 each; owner,
Chas. Hagedorn, 257 Thirteenth St.; architect, W.
H. Calder, 420 Eighth St.
Halsey St., s s, 300' e Reid Ave., 3 two-st'y brick
dwell., tin roofs; cost, \$5,500 each; owner, Frank
C. Swimm, 358 Putnam Ave.; architects, Amzi Hill
& Son, 1161 Fulton St.
St. Marks Ave., s s, 20' w Albany Ave., 4 three-
st'y brick dwell., tin roofs; cost, \$6,000 each;
owner, C. M. De Camp, 823 Quincy St.; architect, F.
B. Langston, 1225 Bedford Ave.
Macon St., n s, 180' e Patchen Ave., 2 two-st'y
brick dwell., tin roofs; cost, \$4,000 each; owner
and architect, F. Miller, 29 Reid Ave.
Ninth Ave., e s, 62' s Fifteenth St., three-st'y
brick dwell., tin roof; cost, \$9,000; owners, Assif &
Buckley, 314 Fifth Ave.; architect, J. Roth, 693
Sackett St.
Fifteenth St., s e cor. Ninth Ave., three-st'y brick
dwell. and store, tin roof; cost, \$15,000; owners,
Assif & Buckley, 314 Fifth Ave.; architect, J. Roth,
673 Sackett St.
Camden, N. J.—Atlantic Ave., w Broadway, two-
st'y frame dwell.; contractor, Mordecai Hoffman,
cor. Broadway and Mechanic St.
Atlantic Ave., s e cor. Louis St., two-st'y brick
dwell.; owner, Isidor Green.
Liberty St., No. 524, two-st'y frame dwell.; owner,
George Miller, 522 Liberty St.
Line and Perry Sts., two-st'y brick dwell.; owner,
Chas. Johnson, 511 Clinton St.
Oak St., Nos. 24-28, 3 two-st'y brick dwell.;
owners, Misses Bedford, 2323 Delancy Pl., Philadel-
phia.
Lemon St., w Haddon Ave., two-st'y brick dwell.;
owner, Isidor Green.
Atlantic Ave., n s, ab. Third St., 3 two-st'y brick
dwell.; owners, Sharp & Day, 514 Spruce St.
Bailey St., n s, ab. Fifth St., 16 two-st'y brick
dwell.; owner, Wm. T. Bailey.
Ferry Ave., e Tenth St., two-st'y frame dwell.;
owner, George Webb, Central Ave. and Van Buren
St.
Chicago, Ill.—H. C. Latus, two-st'y dwell., 955 Park
Ave.; cost, \$4,500.
J. C. Phillips, two-st'y dwell., 935 Walnut St.;
cost, \$5,000.
John White, two-st'y dwell., 234 Albany Ave.;
cost, \$3,500.
W. E. Danner, two-st'y dwell., Winter St., bet.

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H. Wood, 2 two-sty dwells., 2543-2545 Indiana Ave.; cost, \$20,000.
J. G. Larson, one-sty dwell., Jackson Ave., near Armitage Ave.; cost, \$2,000.
Leon Arighon, two-sty dwell., One Hundred and Eighteenth and La Salle Sts.; cost, \$3,000.
P. R. Randolph, two-sty dwell., Atlantic St., near Eberhardt St.; cost, \$2,000.
F. F. Gross, two-sty dwell., 425 Sixty-first St.; cost, \$3,000.
Mrs. M. G. James, two-sty dwell., 619 Sixty-second St.; cost, \$2,000.
M. B. Campbell, two-sty dwell., Ontario St., near Forty-eighth St.; cost, \$2,000.
G. A. Seaverans, four cottages, 1307-1321 Burchill Ave.; cost, \$3,400.
S. White, 2 two-sty dwells., 1191-1193 Lawndale Ave.; cost, \$4,500.
E. D. Murray, 3 two-sty dwells., St. Laurence and Seventy-first Sts.; cost, \$6,000.
E. Jensen, three-sty dwell., 1770 Deming St.; cost, \$7,000.
D. V. Bosie, two-sty dwell., Honore St., near Seventy-fifth St.; cost, \$2,000.
Cincinnati, O.—Justus J. Gans, four-sty brick and stone dwell., Vine St.; cost, \$8,500; architect, Wm. Miller, Jr.
Harry Bates, two-and-one-half-sty brick and stone dwell., Tunvill St., bet. Chase and Parker Sts.; cost, \$3,500; architect, H. C. Henry.
Jos. Kattuc, three-and-one-half-sty brick and stone dwell., Charlotte St.; cost, \$6,000; architects, G. & A. Brink.
John Reis, two-and-one-half-sty brick and stone dwell., Clifton Ave.; cost, \$6,500; architect, Chas. Dias.
Gustav Bruhl, 4 two-and-one-half-sty brick and stone dwells., John St.; cost, \$11,500; architect, Emil Baude.
Chas. Goetz, two-and-one-half-sty brick and stone dwell., Rachel St.; cost, \$4,700; architects, Kuckutz & Pfeiffer.
R. H. Crane, two-and-one-half-sty frame dwell., McMillan St.; cost, \$5,000; architect, S. Hannaford.
A. R. Valentine, two-sty frame dwell., Park and Lincoln Aves.; cost, \$2,800; architect, Mr. Fitzhugh.
A. J. Themig, owner and architect, two frame dwells., Denon Ave.; cost, \$3,000.
Mrs. Emma Moore, two-and-one-half-sty frame dwell., Fern St.; cost, \$3,375; architect, J. N. Huston.
Grand Rapids, Mich.—Framed dwell. for Mr. Brown, Madison Ave.; cost, \$4,000; architect, W. G. Robinson; builders, A. Van Den Boogert Bros.
Plans have been made and contract let for a dwell. for the Redemptorist Fathers, to cost about \$4,000; architect, W. G. Robinson.
Dr. Chas. Hazeltine will build a fine stone and frame dwell. for himself at a cost of about \$15,000, after plans by B. L. Gilbert, of New York City. Contractors are now figuring on the work.
Haverford, Pa.—Prof. Gifford, Haverford College, three-sty stone and frame dwell., slate roof; architect, Charles W. Bolton, 1510 Chestnut St., Philadelphia.
Prof. Levensworth, Haverford College, stone and frame dwell., slate roof.
Hudson, Mass.—Frame dwell., 33.6' x 42'; owner, L. P. Jeffs; contract to be let; architect, S. S. Woodcock, Boston.

BUILDING INTELLIGENCE.

Minneapolis, Minn.—Caswell & Shark, two-sty frame dwell., 512 Forest Ave.; cost, \$6,000.
J. A. Collier, double frame dwell., 738 Twenty-sixth Ave., n e; cost, \$3,000.
K. B. Finley, two-sty frame dwell., 3208 Pleasant Ave.; cost, \$3,500.
Clarkson Lindley, two-sty frame dwell., 1920 Stevens Ave.; cost, \$10,000.
George F. Hitchcock, two-sty frame dwell., 2232 Park Ave.; cost, \$7,000.
S. Ashliman, 3 two-sty frame dwells., 2549 Harriet Ave.; cost, \$11,500.
Edward Proctor, two-sty frame dwell., 3029 Fifth Ave.; cost, \$8,000.
E. S. Woodworth, two-sty frame dwell., 156 Linden Ave.; cost, \$3,500.
Charles Morse, three-sty double brick dwell., 912 Seventh Ave., s; cost, \$18,000.
E. J. Phelps, three-sty brick dwell. and store, 419 Nicollet Ave.; cost, \$40,000.
John Olsen, two-sty double frame dwell., 1901 Fourteenth Ave., s; cost, \$10,000.
F. B. Snyder, two-sty double brick dwell., 419 South Tenth St.; cost, \$25,000.
S. B. Snyder, two-sty double brick dwell., 415-417 South Tenth St.; cost, \$25,000.
R. Carlson, four-sty frame dwell., 3440 Colfax Ave., s; cost, \$12,000.
C. A. Filberg, two-sty frame dwell., 1200 East Twenty-sixth St.; cost, \$3,000.
I. H. Edmonds, two-and-one-half-sty stone and frame dwell., 1501 Chestnut Ave.; cost, \$6,500.
G. W. Taylor, two-sty frame dwell., 2209-2211 North Girard Ave.; cost, \$4,000.
New York, N. Y.—Ninety-fourth St., n s, 100' e Ninth Ave., 7 three and four-sty brick dwells., tin roofs; cost, \$113,000; owner, Margaret Kilpatrick, 66 East Fifty-eighth St.; architects, A. B. Ogden & Son, 1031 Madison Ave.
Greenwich St., n e cor. Watts St., three-sty brick dwell., tin roof; cost, \$7,500; owner, James Searle Barclay, 64 West Thirty-eighth St.; architects, J. Boekel & Son, 54 Bond St.
Eighty-eighth St., n s, 200' e Tenth Ave., 7 three-sty brick dwells., tin roofs; cost, \$105,000; owner, Robert Wallace, 301 East Fifty-eighth St.; architect, G. A. Schellinger, 128 Broadway.
One Hundred and Forty-second St., n s, 225' e Eleventh Ave., 3 three-sty brick dwells., tin roofs; cost, \$27,000; owner, John A. Allen, 696 East One Hundred and Thirty-fourth St.; architect, R. E. Rogers, cor. One Hundred and Twenty-fifth St. and Park Ave.
One Hundred and Twentieth St., s s, 475' w Lenox Ave., 3 three-sty brick dwells., tin roofs; cost, \$30,000; owner, Anthony McReynolds, 149 West One Hundred and Thirty-first St.; architects, Cleverdon & Putzell, 529 Broadway.
One Hundred and Twentieth St., n s, 125' e Seventh Ave., 14 three-sty brick dwells., tin roofs; cost, \$160,000; owner, Edward T. Smith, 152 East Eighty-fourth St.; architects, A. B. Ogden & Son, 1031 Madison Ave.
Four four-sty brick and stone dwells.; owner, Dr. Isaac L. Kip; architects, Herbert, Pirson & Hoddick.
Philadelphia, Pa.—Melrose St., w s, s Frankford Ave., 2 two-sty dwells.; contractors, Koliver Bros., 2739 Ash St.
Penn St., w s, n Harrison St., two-sty dwell.; owner, W. S. Roberts, 4915 Penn St.
Pomona St., n s, e Hancock St., three-sty dwell.; owner, John Kerrigan, Pomona Terrace.
Freeland Ave., n e cor. Park Line, 4 two-sty dwells.; owner, A. A. Harmer, Freeland Ave.

BUILDING INTELLIGENCE.

Jeannett St., n s, e Freeland Ave., 4 three-sty dwells.; owner, A. A. Harmer, Freeland Ave.
Stafford St., w s, s Morris St., 4 three-sty dwells.; contractor, D. P. Bruner, 4884 Morris St.
Lehman St., e s, s Morris St., 2 three-sty dwells.; contractor, D. P. Bruner, 4884 Morris St.
Spencer St., n s, e Ridge Ave., three-sty dwell. and 4 two-sty dwells.; contractor, C. C. Linnahan, 215 Spencer St.
Forty-third St., e s, n Pennagrove St., 19 two-sty dwells.; contractor, Hartman Graw, 655 Preston St.
Otter St., n and s s, w Forty-second St., 28 three-dwells.; contractor, Hartman Graw, 655 Preston St.
Farrish St., n s, w Preston St., three-sty dwell.; owner, Alex. McGaw, 819 Preston St.
Fifth St., w s, n Pike, 3 two-sty dwells.; owner, Jas. Keenan, 2811 North Fifth St.
Seventy-ninth St., n w cor. Brewster Ave., two-sty dwell.; owner, Chas. Kates, 724 Brewster Ave.
Pomona St., n s, e Hancock St., three-sty dwell.; owner, A. A. Harmer, Freeland Ave.
Freeland Ave., n e cor. Park Line, 4 two-sty dwells.; owner, A. A. Harmer, Freeland Ave.
East Second St., w s, s Millin St., two-sty dwell.; owner, F. Moffit, 1926 East Second St.
Mountain St., s s, w Eighteenth St., 19 two-sty dwells.; contractors, Shetzline & Vollmer, Seventeenth and Millin Sts.
Doran St., w s, n Moore St., 5 two-sty dwells.; owner, Geo. A. Wagner, 1554 Bancroft St.
Bainbridge St., s s, e Second St., 3 three-sty dwells.; contractor, Joseph Price, 1228 Locust St.
Rage St., s s, e Thirtieth St., 19 two-sty dwells.; owner, A. E. Norton, 2400 College Ave.
Moyer St., Nos. 622-24-26, 3 two-sty dwells.; contractors, Jas. Macauley & Son, 1328 East Montgomery Ave.
Twenty-eighth St., e s, s Cumberland St., 32 two-sty dwells.; owner, S. H. Morrison, Camden, N. J.
McCallum St., n Green St., two-sty dwell.; contractor, W. J. Grubler, 46 Herman St.
Weiss St., e s, s Spencer St., 3 two-sty dwells.; owners, Jas. Kinnear Sons, 106 East Chelton Ave.
Gratz St., w s, n Dauphin St., 33 two-sty dwells.; owner, E. P. Hipple, s w Thirteenth and Norris Sts.
Tulip St., n w cor. Tyson St., two dwells.; contractor, Geo. W. Wells, Tacony.
Allegheny Ave., s s, e Jasper St., 8 two-sty dwells.; owners, Hathersall & Groff, 2657 Kensington Ave.
Eight St., e s, n Tioga St., three-sty dwell. and two-sty dwell.; contractor, James Mole, 1707 Doun-ton St.
Manayunk Ave., w s, n Shurs La., 2 two-sty dwells.; owner, Robt. Boon, Manayunk Ave.
Upsal St., w s, n Lincoln Ave., 2 three-sty dwells.; contractor, John Owens, 124 East Upsal St.
High St., n s, w Hancock St., 4 three-sty dwells.; contractor, T. J. Carman, 133 Rittenhouse St.
Hancock St., w s, n Washington La., three-sty dwell.; contractor, T. J. Carman, 133 Rittenhouse St.
Prospect Ave., s s, w Ridge Ave., 2 two-sty dwells.; owner, Geo. S. Wilson, Prospect St., Rox-borough.
Wayne Ave., n e cor. Brunner St., two-sty dwell.; contractor, D. P. Evans, 1614 Ontario St.
Rector St., n s, e Airy Ave., 2 two-sty dwells.; contractor, Wm. H. Sperry, East Jefferson St.
Terrace St., w s, e Lofty St., 5 two-sty dwells.; contractor, Wm. H. Sperry, East Jefferson St.
Loverington Ave., s s, e Wood St., two-sty dwell.; contractors, Green & Schulz, 352 Martin St.
Krail St., e s, s Queen La., 6 three-sty dwells.; owner, Harry J. Becker, Fairview Ave., Falls of Schuylkill.
Seventh St., No. 22, e s, n Oxford St., e Seventh St., 20 w s Marshall St., 33 three-sty dwells.; owner, James Hood, 212 New St.
Cayuga St., w s, e Wayne Ave., 5 two-sty dwells.; contractors, Thos. Hurst & Co., 2 Armistead Row.
Moyamensing Ave., e s, s McKean St., 6 two-sty dwells.; owner, J. J. Cassidy, Moyamensing Ave., cor. McKean St.
Emily St., s s, w Front St., 26 two-sty dwells.; owner, J. J. Cassidy, cor. McKean St.
Tree St., s s, w Twelfth St., 23 two-sty dwells.; owner, Saml. Chestnut, 1247 South Seventeenth St.
Wharton St., s s, w Twenty-eighth St., 12 two-sty dwells.; owner, Jas. McGuirk, 1120 South Twenty-third St.
Christian St., n s, w Twenty-seventh St., two-sty dwell.; owner, Patrick McDowell, 2614 Reggio St.
Twenty-eighth St., e s, n Mt. Pleasant Ave., 4 two-sty dwells.; contractor, W. T. B. Roberts, Twenty-ninth and Master Sts.
Hanson St., e and w s, n Greenway St., and Hanson St., e and e s, n Forty-ninth St., 12 two-sty dwells.; owner, W. S. P. Shields, 735 Walnut St.
Eighty-seventh St., s s, bet. R. K. and Eastwick Ave., two-sty dwell.; owner, Geo. B. Heath, Eighty-eighth St. and Ewing Ave.
Chestnut St., No. 3607, four-sty dwell.; owner, Howard Dunkan, 3603 Chestnut St.
Lane Ave., No. 4211, two-sty dwell.; owner, Gustaf Neilson, 4030 Reno St.
Sixth St., w s, s Cambria St., 2 two-sty dwells.; contractor, Frank Dietrich, 2677 Frankford Ave.
Howard St., w s, n Lehigh Ave., 9 two-sty dwells.; owner, E. J. Devlin, 1508 North Fourth St.
Hagerman St., w s, n Comly St., two-sty dwell.; contractors, Lukings & Rhoads, 2337 Townsend St.
Edmont and Monmouth Sts., 7 two-sty dwells.; contractors, Lukings & Rhoads, 2337 Townsend St.
Lewis St., s Venango St., two-sty dwell.; owner, Emil Zindle, 3066 Trenton Ave.
Church St., e Richmond St., two-sty dwell.
Venango St., s s, e Ninth St., 2 two-sty dwells.; contractor, T. N. Forsyth, 2129 Jefferson St.
Eight St., e s, s Dauphin St., 2 three-sty dwells.; contractor, H. G. Schultz, 2633 Germantown Ave.
Germantown Ave., w s, n Cumberland St., 5 three-sty dwells.; contractor, H. G. Schultz, 2633 Germantown Ave.
Manor St., e s, bet. Montgomery Ave. and Berks St., three-sty dwell.; contractor, Wm. Tecklenberg, 1614 Cadwalader St.
Wood St., w s, n Gates St., 6 two-sty dwells.; owner, J. W. Fitzinger, Gates St., Roxborough.
Carpenter St., n s, e Twenty-fourth St., 6 two-sty dwells.; owner, Thos. McCouch, 2034 Bainbridge St.
Twenty-third St., n w cor. Green St., four-sty dwell.; contractor, Lewis Havens, 518 Girard Building.
Boyer St., e s, s Chelton Ave., two-sty dwell.; owner, Wm. Garvin, 5008 Adams St.
Kingessing Ave., s s, e Forty-eighth St., 4 three-sty dwells.; contractor, Wm. McCoach, 2107 Fitzwater St.
Guincy St., bet. Eleventh and Twelfth Sts., 2 two-sty dwells.; contractor, C. O'Neill, 1216 South Broad St.

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BUILDING INTELLIGENCE.

Twelfth St., e s, s Reed St., 7 two-st'y dwell.; contractor, C. O'Neill, 1216 South Broad St.
Susquehanna Ave., n s, e Thompson St., two-st'y dwell.; contractor, Thos. Matthews, 2334 Hancock St.
Tulip St., e s, s Township Line Rd., 2 three-st'y dwell.; contractor, C. J. Hund, Union St. and Trenton Ave.
Orthodox St., n s, e Hedge St., two-st'y dwell.; contractors, Fulkrod & Foster, 34 Orthodox St.
Thirty-seventh St., n w cor. Chestnut St., 5 three-st'y dwell.; contractors, B. Ketchum & Son, 1029 Brown St.
Pine St., s s, w Sixth St., two-st'y dwell.; contractor, Jas. Evans, 5550 Race St.
Pomona St., s s, e Hancock St., three-st'y dwell.; contractor, J. O. Broadbent, 314 Haines St.
Jannett St., n s, e Freeland Ave., 4 three-st'y dwell.; owner, A. A. Harner, Freeland Ave.
Stafford St., w s, s Morris St., 4 three-st'y dwell.; contractor, D. P. Bruner, 4834 Morris St.
Lehman St., e s, s Morris St., 2 three-st'y dwell.; contractor, D. P. Bruner, 4834 Morris St.
Spencer St., n s, e Ridge Ave., three-st'y dwell. and 4 two-st'y dwell.; contractor, C. C. Linahan, 215 Spencer St.
Second St., e s, s Milfin St., two-st'y dwell.; owner, Peter Rementer, 148 Watkins St.
Emily St., n s, w Front St., 8 two-st'y dwell.; owner, J. J. Cassidy, Moyamensing Ave. and McKean St.
Emily St., s s, w Second St., 25 two-st'y dwell.;

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owner, J. J. Cassidy, Moyamensing Ave. and McKean St.
Mott St., No. 1304, three-st'y dwell.; contractor, George S. Elliott, 1634 Wharton St.
Suffolk St., No. 830, three-st'y dwell.; owner, C. Finly, 814 South Tenth St.
Sixth St., e s, n Mountain St., 4 two-st'y dwell.; owners, R. & H. Wilson, 1711 South Twentieth St.
Gibsons Ave., w Eighty-sixth St., two-st'y dwell.; owner, Jos. Kolman, at place.
Mt. Vernon St., n of Seventeenth St., 2 three-st'y dwell.; owner, Geo. W. Shock, 1910 Wallace St.
Twenty-sixth St., w s, n Dauphin St., two-st'y dwell.; contractor, W. F. Albrecht, 2941 North Twenty-ninth St.
North Fourth St., No. 1406, three-st'y dwell.; contractors, Dickson Bros., 3045 Frankford Ave.
Welb St., n s, e Mascher St., 16 two-st'y dwell.; owner, Geo. Kessler, 1543 Perth St.
Sellers St., s s, e Wingohocking St., 3 two-st'y dwell.; contractor, Thos. Waters, 4838 Melrose St.
Clementine St., n s, w Frankford Ave., two-st'y dwell.; contractor, Jos. McNutt, 2329 Sepviva St.
Almond St., w s, n Wellington St., 2 two-st'y dwell.; contractor, C. W. Cox, 826 Federal St., Camden, N. J.
St. Louis, Mo.—Three-st'y brick dwell.; cost, \$3,500; owner, C. Kroenung; contractors, Rodelfeld & Bloemler.
Two-st'y brick dwell.; cost, \$8,000; owner, Dr. S. S. Porter; contractor, Adam Bruer.
Three-st'y brick dwell.; cost, \$3,500; owner, A. W. Vordenfeld; contractors, Rodelfeld & Bloemler.
Two-st'y brick dwell.; cost, \$4,200; owner, Gottlieb Mueller; contractor, Frantz Mueller.
Two-st'y brick dwell.; cost, \$7,000; owner, Wm. Boyd; sub-let.
Three-st'y brick dwell.; cost, \$9,000; owner and contractor, S. H. Hoffman.
Two-st'y brick dwell.; cost, \$3,000; owner, Mrs. E. Sullivan; contractor, C. Henck.
Two-st'y brick dwell.; cost, \$4,000; owner and contractor, L. J. Evans.
Two-st'y brick dwell.; cost, \$3,500; owner, W. Behrhorst; contractor, H. Howmuller.

BUILDING INTELLIGENCE.

Two-st'y brick dwell.; cost, \$2,500; owner, Ed. Jerrolds; contractor, W. O. Green.
Two-st'y brick dwell.; cost, \$10,000; owner, C. Burch; contractors, St. Louis H. B. Co., No. 3.
Two two-st'y brick dwell.; cost, \$5,600; owner and contractor, C. C. Newberry.
Two-st'y brick dwell.; cost, \$4,850; owner, C. W. Wettengel; contractor, H. B. Schmitz.
Three-st'y brick dwell.; cost, \$5,500; owner, H. Niedringhaus; contractor, E. A. Sanquinet.
Two-st'y brick dwell.; cost, \$6,500; owner, Jno. A. Scott; contractor, E. A. Sanquinet.
OFFICE-BUILDINGS.
New York, N. Y.—Cedar St., Nos. 45-49, ten-st'y brick office-building, fireproof brick roof; cost, \$30,000; owner, Helen L. Phelps Stokes, 229 Madison Ave.; architect, Charles W. Clinton, Mutual Life Building.
Minneapolis, Minn.—Security Bank of Minnesota, nine-st'y brick fireproof office-building, 236-238 Hennepin Ave.; cost, \$175,000.
Philadelphia, Pa.—Chelton Ave., bet. Main St. and R. R., one-st'y office; contractor, J. D. Caldwell, 206 Wistar St.
Pennsylvania Ave., n s, w Broad St., two-st'y office; owners, Burnham, Parry & Co., 506 North Broad St.
Fourth St., No. 110, one-st'y office; contractor, C. C. Carman, 1546 North Twelfth St.
PUBLIC BUILDINGS.
Dallas, Texas.—Dallas County will build a court-house, to cost about \$250,000, from plans by Orlopp & Kusener, architects, of Little Rock, Ark.
Waltham, Mass.—Brick municipal court-house, 56' x 69', with stable attached, 29' x 36'; contract to be let; architects, Hartwell & Richardson, Boston.
SCHOOL-HOUSES.
Aberdeen, Miss.—The authorities have let contract to S. H. Berg for a school-building to cost \$25,000.
Baltimore, Md.—The Annandale Normal Institute of Prince George's County will build a four-st'y stone building, s w cor. Mulberry and Cathedral Sts.

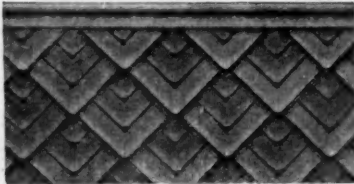
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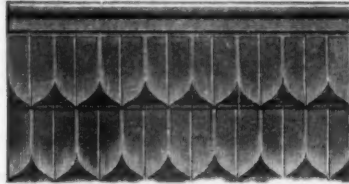
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BUILDING INTELLIGENCE.**Minneapolis, Minn.**—Board of Education, two-sty brick school-building (slow-burning construction), s. cor. Third Ave., s. e., and Fifth St.; cost, \$35,000.**Somerset, Ky.**—Eight-room brick school-house; cost, \$19,000; architects, Johnson & Archer, Buffalo, N. Y.

Four-room brick school-house; cost, \$7,000; architects, same as last.

STABLES.**Brooklyn, N. Y.**—Butler St., s. s., 98' 4" e. Fourth Ave., three-sty brick stable, slate, cement and gravel roof; cost, \$6,500; owners, Koke Bros., Fifth Ave. and Sterling Pl.; architect, W. M. Coots, 26 Court St.**Pulaski St., n. s., 294' 6" e. Throop Ave., two-sty brick stable, tin roof; cost, \$8,000; owner, Fred Hoever, 186 Hewes St.; architect, F. Wunder, 126 Broadway.****Schermerhorn St., Nos. 237-239, n. s., five-sty brick livery and boarding stable, tin and gravel roof; cost, \$20,000; owner, Andrew Mowbray, 237 Schermerhorn St.; architect, M. J. Morrill, 357 Fulton St.****Camden, N. J.**—Benson St., No. 527, rear, two-sty brick stable; owner, Chas. Johnson, 511 Clinton St.**Spruce St., s. s., ab. Eighth St., frame stable; owner, C. P. Carmany, Roxborough.****Liberty St., No. 1122, two-sty frame stable; owner, Jacob Weiler, on premises.****Minneapolis, Minn.**—W. H. Warner, brick barn, rear Globe Building, Fourth St., near Hennepin Ave.; cost, \$8,000.**New York, N. Y.**—Sheriff St., No. 11, four-sty brick stable, tin roof; cost, \$19,000; owners, Robert Hoe & Co., 504 Grand St.; architects, Romeyn & Stever, 206 Broadway.**Gouverneur Slip, No. 12, four-sty brick stable, tin roof; cost, \$10,000; owner, Jackson Bros. cor. Church and Chamber Sts.; architect, Frederick Smith, 191 Forsyth St.****East Seventy-seventh St., No. 111, three-sty brick stable, tin roof; cost, \$25,000; owner, H. Clausen, Jr., 72 West Ninety-second St.; architect, Wm. Kuhles, 111 Broadway.****Philadelphia, Pa.**—Tenth St., rear of Wayne St., two-sty stable; contractors, W. R. Bradford & Son, 1602 Fountain St.**Westmoreland St., w. Twentieth St., stable; owner, Benjamin Walker, 2553 Germantown Ave.****Germantown Ave., e. s., s. Coulter St., one-sty stable; contractor, A. Jenkinson, 303 Locust St.****Manheim St., e. s., s. Pulaski St., one-sty stable; owner, Jas. J. Conly, on premises.****Twenty-third St., e. s., n. Dickinson St., two-sty stable, owner, John Devlin, 2311 Lombard St.****Leiper St., w. s., n. Pine St., two-sty stable; contractor, James T. Nulty, 4328 Leiper St.****STORES.****Brooklyn, N. Y.**—Eighth Ave., n. e. cor. Union St., four-sty store and flat, tin roof; cost, \$15,000; owner, C. B. Sheldon, 111 Seventh Ave.**Sixth Ave., e. s., 80' n. Twelfth St., four-sty brick store and flat, tin roof; cost, \$10,000; owner, George O. Van Orden, 418 Seventeenth St.; architect, W. O. Tait, 166 Montague St.****Eighth Ave., n. e. cor. Twelfth St., four-sty brick****CHENEY & HEWLETT, Architectural Iron Works.**N. CHENEY. } OFFICE: { 207 BROADWAY,
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store and flat, tin roof; cost, \$15,000; owner, George O. Van Orden, 418 Seventeenth St.; architect, W. O. Tait, 166 Montague St.

McDonough St., s. e. cor. Saratoga Ave., four-sty brick store and dwell., tin roof; cost, \$4,500; owner, B. W. Hunt, 233 Hancock St.; architect, John E. Dwyer, 1540 Broadway.**Decatur St., n. e. cor. Saratoga Ave., four-sty brick store and dwell., tin roof; cost, \$4,500; owner, B. W. Hunt, 233 Hancock St.; architect, John E. Dwyer, 1540 Broadway.****Camden, N. J.**—Broadway, s. w. cor. Jefferson St., 3 two-sty brick stores and dwell.; owner, John Schaus, 530 Jackson St.**Mechanic St., s. s., w. Lewis St., two-sty frame store and dwell.; owner, Louis Paris, 318 North Eighth St., Philadelphia.****Atlantic Ave. and Louis St., two-sty frame shop; owner, Isidor Green.****Minneapolis, Minn.**—J. L. Kuchle, 324 Twentieth Ave., n. two-sty brick veneer store and flats; cost, \$4,000.**New York, N. Y.**—Broadway, n. w. cor. Twentieth St., seven-sty brick and marble store-building, tin and tile laid in asphalt roof; cost, \$250,000; owner, George Henry Warren, 520 Fifth Ave.; architects, McKim, Mead & White, 57 Broadway.**Waverly Pl., n. e. cor. Mercer St., six-sty brick store-building, tin roof; cost, \$110,000; owners, Gallagher & Kehoe, 225 East Eighteenth St.; architects, Cleverdon & Putzell, 529 Broadway.****Prince St., Nos. 115-121, six-sty brick store and warehouse, tin roof; cost, \$50,000; owner, Frank A. Seitz, 33 West One Hundred and Twenty-seventh St.; architects, Cleverdon & Putzell, 529 Broadway.****Greene St., Nos. 203-205, six-sty brick store, tin roof; cost, \$75,000; owner, George R. Read, Rye, Westchester Co., N. Y.****Philadelphia, Pa.**—Frankford Ave., e. s., n. Ontario St., three-sty store and dwell.; owner, Samuel Carver, 3359 Frankford Ave.**Hunting Park, n. s., e. Midvale St., one-sty store; owner, McLaughlin, Clinton St., Newtown.****Spryng Garden St., one-sty store and greenhouse; owner, W. H. Ferguson, 2040 North Third St.****Carpenter St., n. s., e. Twenty-fourth St., three-sty store and dwell.; owner, Thos. McCouch, 2034 Bainbridge St.****Pine St., w. Front St., 3 two-sty stores; owner, M. E. O'Brien, 728 South Nineteenth St.****Lancaster Ave., s. e. cor. Brown St., two-sty store; owner, Gustav Neilson, 4039 Reno St.****Moyamensing Ave., e. s., s. McKean St., three-sty store and dwell.; owner, J. J. Cassidy, Moyamensing Ave. and McKean St.****Poplar St., n. s., w. Third St., four-sty store and dwell.; contractor, M. Schmidt, 639 North Sixth St.****Tioga St., n. s., e. Fifteenth St., 2 three-sty stores and dwell.; contractor, J. T. Dorman, 531 Line St., Camden, N. J.****Harrison St., n. w. s., bet. Wayne and Seymour Sts., two-sty store and dwell.; owner, Wm. S. McNabb, 208 Mill St.****South Second St., No. 1020, three-sty store and dwell.; contractors, Dohl & Kidd, 406 South Fifth St.****Gratz St., n. Dauphin St., 2 three-sty stores and dwell.; owner, E. P. Hippie, s. w. cor. Thirteenth and Norris Sts.****Seventh, Oxford, Marshall and Oxford Sts., 2 three-sty stores and dwell.; owner, Jas. Hood, 212 New St.****St. Louis, Mo.**—Two-sty brick store and dwell.; cost, \$2,500; owner, Chris. Bowitzky, contractor, Frantz Mueller.**Two-sty brick store and dwell.; cost, \$3,800; owner, Theresa Leidung, contractor, Frantz Mueller.****Two-sty and mansard brick store and dwell.; cost, \$5,500; owner, J. Zell; sub-let.****J. G. & F. DIMOND, Architectural Iron-Works.**
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Sixth St., e. s., n. Mountain St., two-sty and dwell.; owners, R. & A. Wilson, 1711 North Twentieth St.

Five-sty brick store; cost, \$20,000; owner, L. E. Nelson; contractor, Mr. Bryan.

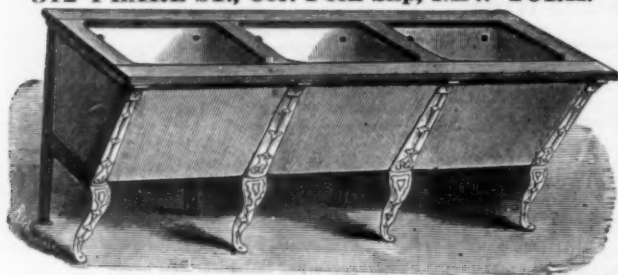
WAREHOUSES.**Brooklyn, N. Y.**—Greene St., s. s., 275' e. Oakland St., two-sty brick storage warehouse, gravel roof; cost, \$5,000; owners, The Wm. P. Miller Co., 100 Greenpoint Ave.; architect, John C. Snackenber, 142 Franklin St.**Fulton St., bet. Duffield and Bridge Sts., seven-sty brick warehouse and store, tin roof; cost, \$200,000; owner, Henry Offerman, Washington Ave.; architect, P. J. Lauritzen, Equitable Building, New York City.****North Sixth St., n. s., 800' w. Kent Ave., three-sty brick empty-bag storage warehouse, felt and gravel roof; cost, \$10,000; owners, Brooklyn Cooperage Co., North Fourth St. and Kent Ave.; architect, Valentine Wolz, 152 Kent St.****New York, N. Y.**—Greene St., No. 217, six-sty iron, brick, stone and terra-cotta warehouse; cost, \$55,000; owner, C. W. West; architect, Oswald Wirz.**Greene St., No. 209, six-sty iron, brick, stone and terra-cotta warehouse; cost, \$50,000; owner, S. F. Shortland; architect, same as last.****Greene St., No. 213, six-sty iron, brick, stone and terra-cotta warehouse; cost, \$55,000; owner, M. Shrenkersen; architect, same as last.****Prince St., No. 136, six-sty iron, brick, stone and terra-cotta warehouse; cost, \$50,000; owner, Jno. C. Wallace; architect, same as last.****Prince St., No. 56, six-sty warehouse and store; owners, Chesebro & Whitman; architect, Max Hensel.****MISCELLANEOUS.****Boston, Mass.**—Berkeley St., cor. Columbus Ave., Youth's Companion building, brick and stone, five stories, 100' x 253'; owner, D. S. Ford; contract to be let; architects, Hartwell & Richardson.**Brooklyn, N. Y.**—Spencer St., e. s., 230' 10" s. Myrtle Ave., two-sty brick bleachery in connection with coco matting factory, gravel and cement roof; cost, \$5,000; owner, Henry Small, 621 Willoughby Ave.; architect, M. J. Morrill, 357 Fulton St.**North Tenth St., s. s., 100' w. Kent Ave., 5 three-sty brick storage-houses for hay, felt and gravel roofs; cost, \$30,000; owner, Lowell W. Palmer, 206 Clinton Ave.; architect, Valentine Wolz, 152 Kent Ave.****Clay St., s. s., 100' w. Manhattan Ave., three-sty frame lodging-house, felt and gravel roof; cost, \$4,000; owner, S. E. Edwards, 557 Manhattan Ave.; architect, W. H. Gaylor, 110 South Eighth St.****Pulaski St., n. s., 100' w. Sunner Ave., four-sty brick storage-house for brewery, gravel roof; cost, \$35,000; owner, Fred Hoever, 186 Hewes St.; architect, Fred Wunder, 126 Broadway.****Minneapolis, Minn.**—R. J. Mendenhall, two green-houses, 2 Nineteenth St. and Stevens Ave.; cost, \$4,000.**New York, N. Y.**—The American Fine Arts Society have purchased a site for a building on Fifty-eighth St., bet. Broadway and Seventh Ave., and will have plans prepared in a limited competition.**Philadelphia, Pa.**—Front St., e. s., s. Girard Ave., five-sty storehouse; owner, Michael Magee.

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Ridge Ave., No. 1616, one-st'y storehouse; contractor, John Foreman, 815 North Fifteenth St.

Lombard St., No. 824, two-st'y patrol-station; contractor, Edwin Ward, 747 South Tenth St.

Ninth and Buttonwood Sts., three-st'y dye-house; contractors, McCartney & Oler, 235 East Thompson St.

Woodland Ave., w Fifty-ninth St., two-st'y storehouse; owners, B. & O. R. Co., 2400 Chestnut St. R. & O. R. Co., n Upland St., one-st'y glass works; contractor, L. G. Dutton, 6173 Woodland Ave.

Fine St., n s, w Twenty-fourth St., three-st'y boiler-house; contractor, W. L. Atkinson, 2214 Wallace St.

Pechin St., s e cor. Schurz La., three-st'y storehouse; contractors, F. P. Rambo & Bro., Leverington Ave., Roxborough.

St. Louis, Mo.—Two-st'y brick club-house; cost, \$8,000; owners, St. Louis Bowling Assn.; architects, Bothe & Raterman.

Tonawanda, N. Y.—Brick and stone business block for Geo. P. Smith; cost, \$50,000; architects, Johnson & Archer, Buffalo, N. Y.

PROPOSALS.**HIGH SCHOOL.**

[At Lynn, Mass.]

Sealed proposals will be received at the Mayor's office, City-hall, Lynn, Mass., until 3 o'clock, June 3, 1890, for all work and material necessary to be done or furnished for the erection of a High School Building, for the city of Lynn, according to plans and specifications, to be on file on and after the 19th day of May at the office of Wheeler & Northend, architects, 87 Exchange Street, Lynn, Mass., subject to the terms of said plans and specifications.

The Committee reserve the right to reject any or all bids, and a certified check of five hundred dollars (\$500) made payable to the City Treasurer, and to be enclosed with each bid as a guaranty that the bidder will enter into a contract if his bid is accepted.

ASA T. NEWHALL,

753

Chairman Committee on Education.

May 22, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 14th day of June, 1890, for all the labor and materials required to build complete the basement and area walls and retaining walls of the United States Court-House, Post-Office, etc., building at Detroit, Mich., including trench excavation, concrete founda-

PROPOSALS.

tions, footings, etc., complete, in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$500. The Department will reject all bids received after the time fixed for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be sealed and endorsed "Proposal for Basement and Area Walls, etc., for the United States Court-House, Post-Office, etc., building at Detroit, Mich.," and addressed to JAS. H. WINDRIM, Supervising Architect.

May 14, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 6th day of June, 1890, for all the labor and material required to fix in place complete the low-pressure, return-circulation, steam-heating and ventilating apparatus, and power-boiler, with connections, for the United States Post-Office, Court-House, etc., building at Wichita, Kansas, in accordance with drawings and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time fixed for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. JAS. H. WINDRIM, Supervising Architect.

May 16, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 12th day of June, 1890, for all the labor and materials required for the erection and completion of the United States Court-House and Post-Office building at Greenville, S. C. (except heating apparatus), including the approaches, 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. Each bid must be accompanied by a certified check for \$500. The Department will reject all bids received after the time fixed for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be sealed and endorsed "Proposal for the Erection and Completion of the United States Court-House and Post-Office building at Greenville, S. C.," and addressed to JAS. H. WINDRIM, Supervising Architect.

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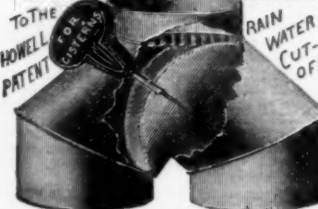


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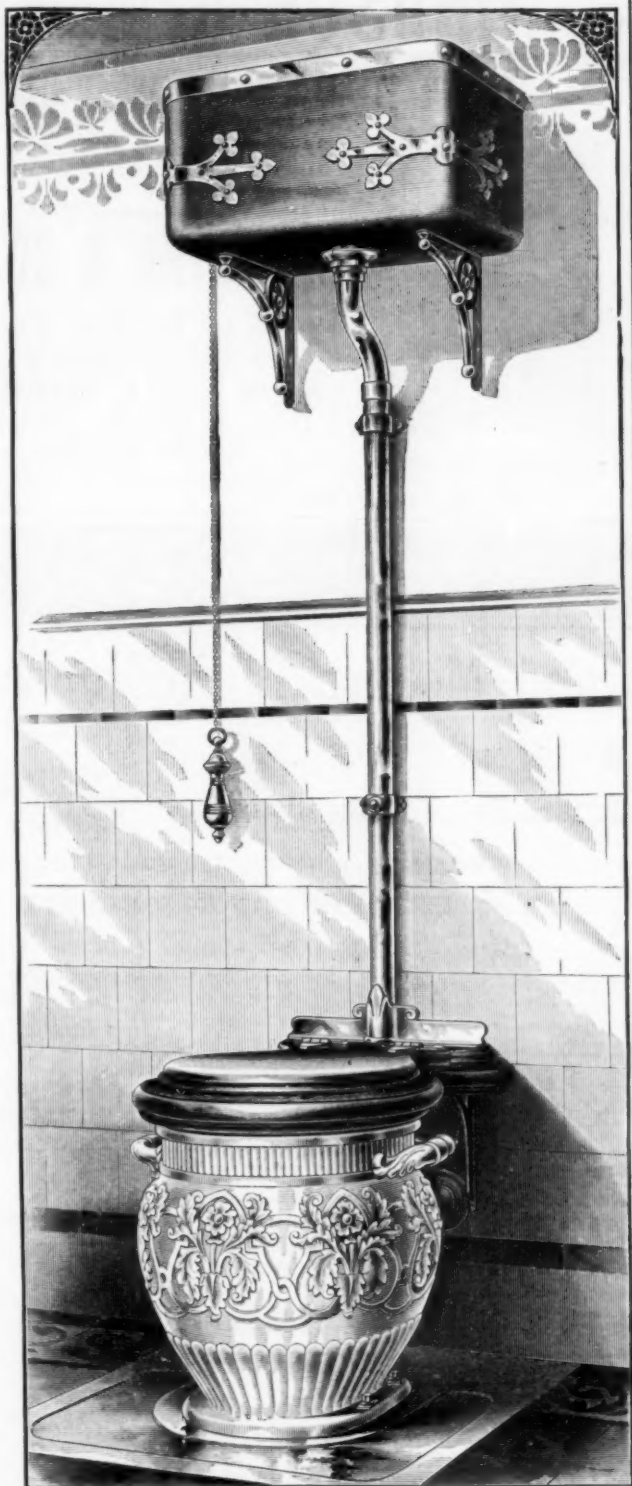
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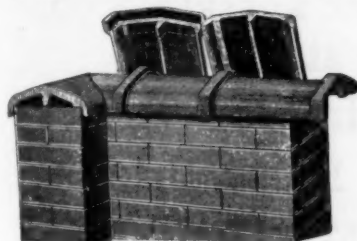
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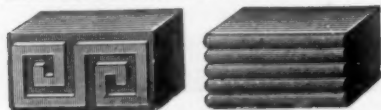
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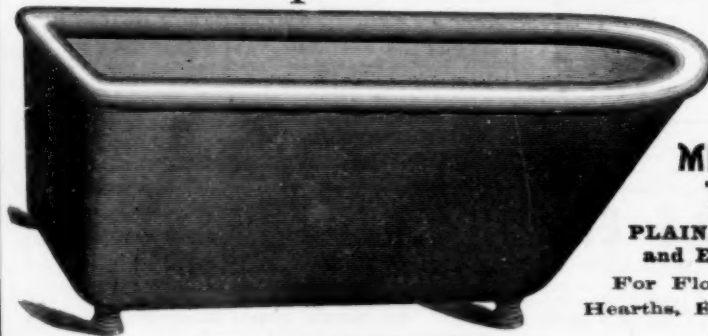
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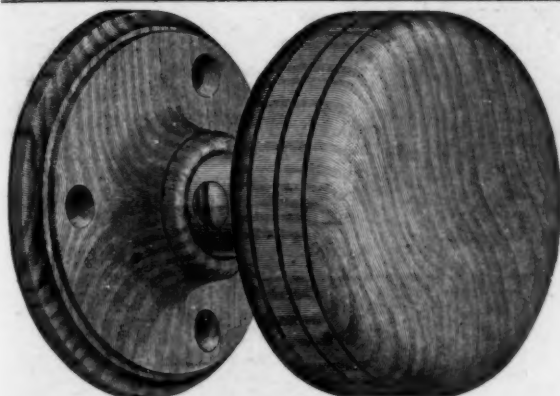
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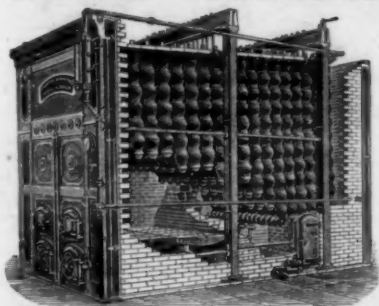
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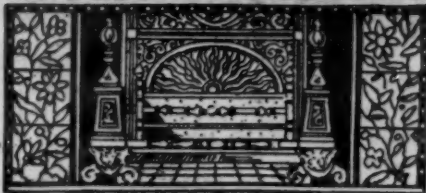
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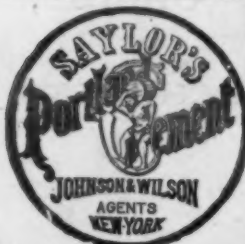
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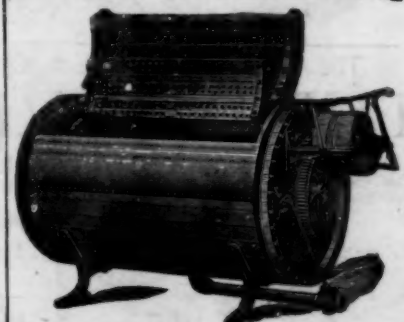
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Cypress.....		32 00 @ 40 00		35 00
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Laths:				
Pine.....	2 35 @ 2 50	2 25 @ 2 35	2 10 @ 2 25	2 75 @ 3 00
Spruce.....		2 25 @ 2 50	Not sold.	2 30 @ 3 00
Shingles:				
Pine, shaved..... P. M.....	5 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 @ 2 00	Not sold.	
Redwood..... P. M.....	1 40 @ 1 60	3 75 @ 4 00	6 00 @ 7 50	
Cedar, split..... P. M.....			Not sold.	
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Miscellaneous:				
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Fence pickets, Common.....	8 00 @ 10 00	10 00 @ 18 00	P. 10 00 @ 18 00	4 1/2 @ 1 25
Cedar posts, 9 ft. (sq. posts.).....		25 @ 50	9 @ 21	20 @ 3.
Chestnut.....		25 @ 50	Not sold.	
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Hard-pine floors (rifts).....		50 00 @ 60 00		
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Maple.....	45 00 @ 50 00	45 00 @ 50 00	18 00 @ 35 00	25 00 @ 55 00
Oak, red.....	@ 70 00	@ 50 00	32 00 @ 40 00	45 00 @ 55 00
" white.....	@ 70 00	50 00 @ 55 00	22 00 @ 40 00	45 00 @ 55 00
" quartered.....	@ 90 00	65 00 @ 80 00	45 00 @ 50 00	60 00 @ 75 00
Sycamore quartered.....		50 00 @ 65 00	35 00 @ 50 00	57 20 @ 65 00
Pine, clear.....	65 00 @ 70 00	50 00 @ 75 00	35 00 @ 50 00	60 00 @ 65 00
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1st.	13 00			
Hollow				
Fronts				
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" dark.	15 00 @ 16 00			
" red.	15 00 @ 16 00			
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Chicago moulded.				
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Trenton.	22 00			
Milwaukee.	22 00			
Moulded:				
Glens Falls Red Pressed.	37 00			
" Buff.	30 00			
" Moulded Red & Buff.	45 00 @ 70 00			
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" (Burham).	2 50 @ 3 00			
" (White's).	2 50 @ 3 00			
" French (Lafarge).	3 60 @ 3 75			
" German (Alsen).	2 90 @ 3 25			
" (Fower).	2 25 @ 2 40			
" (Vorwöhler).	2 50 @ 2 90			
" (Lagerlofer).	2 90 @ 3 25			
" (Dyckerhoff).	2 50 @ 3 00			
" (Hanover).	2 35 @ 2 45			
" Stettin (Anchor).	2 15 @ 2 45			
" American (Baylor's).	2 75 @ 3 00			
Roman.	5 75 @ 6 50			
Keene's coarse.	9 25 @ 10 25			
" superfine.				
Lime.				
Lime of Test.	3 50 @ 4 00			
Hydraulic Lime.	1 45			
Chicago Lime in bulk.				
Wisconsin.				
Rockland and Rockport, (Com.).	1 00			
Rockland and Rockport, finish.	1 20			
Kelley Island Lime, finish.	1 20			
State, com. cargo rates (nom.).	85			
State, finishing.	1 10			
Plaster of Paris (calcined).	1 20 @ 1 25			
" (casting).	1 30 @ 1 35			
Hair (Cattle) & bush.	12 @ 15			
" (Goat).	22 @ 25			
Sand, & load.	1 00 @ 1 25			
STONE. (P cubic foot, rough.)				
Granite: (Maine)				
Limestone:				
Bedford.	45 @ 1 25			
Joliet.	1 00			
Lamont.				
Serpentine.				
Eastern:				
9 00 @ 10 00				
Hay State Hard				
10 00 @ 10 70				
Domestic Com.				
9 50 @ 10 00				
Domestic Face				
20 00 @ 22 00				
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40 00 @ 45 00				
Phila. mould				
50 00 @ 60 00				
Anderson				
14 00 @ 32 00				
Building Brick				
@ 6 50				
Indiana Pressed				
14 00 @ 20 00				
St. Louis Fronts				
@ 27 00				
15 00 @ 27 00				
65 00 @ 350 00				
22 00 @ 26 00				
45 00 @ 50 00				
45 00 @ 50 00				
25 00 @ 30 00				
60 00 @ 100 00				
30 00 @ 30 00				
35 00 @ 65 00				
@ 100 00				
@ 120 00				
Sq. Hard @ 12				
" @ 9 00				
Salm m 6 50				
Sq. " @ 9 00				
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Red " @ 15 00				
Dark " @ 15 00				
Pressed @ 15 00				
22 00 @ 26 00				
Heat Paving				
@ 16 00				
Second " @ 14 00				
Third " @ 13 00				
Dom. @ 60				
@ 85				
1 20 @ 1 40				
Brooks, S. & Co				
2 60 @ 3 00				
1 60 @ 1 25				
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3 00 @ 3 25				
3 00 @ 3 25				
3 75 @ 4 25				
3 00 @ 3 20				
3 15 @ 3 35				
Cleopatra				
2 55 @ 3 00				
3 00 @ 3 50				
2 75 @ 3 00				
3 25 @ 3 50				
Not sold.				
2 15 @ 2 50				
3 00 @ 3 00				
6 00 @ 7 00				
9 @ 10 50				
Not sold.				
55 @				
60 @				
Not sold.				
1 00 bulk, 75c.				
Not sold.				
Not sold.				
1 85 @ 2 00				
1 85 @ 1 90				
30 @ 25				
30 @ 55				
@ 60				
Not sold.				
Not sold.				
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Red.....\$ lb.	3			
White.....\$ bbl.	1 75			
Foundation:				
Dimension.....	@	5 00 \$ ton	20 @	@ 5 00
Block.....	@	4 60 \$ perch		Counhooken
Rubble.....	@	1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: (\$ sq. ft.)				
Sidewalk.....	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 25
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 @ 95	1 25 @ 1 45	1 50 \$ cub. ft.	55 @ 1 00
Amherst.....	@ 95	90 @ 1 00	45 @ 50	
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Bellefonte.....	80 @ 1 25	1 25 @ 1 35	1 25 @	1 10 @ 1
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Corse Hill (Scotch).....	@ 1 05	@ 1 05		
Marble (\$ cu. ft.)				
Lee, Mass.....	@	1 75 @ 2 50	Not sold.	2 00 @ 2 50
Rutland, white and blue.....	@	3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls.....	1 25 @ 1 75	2 00	3 50 @ 6 00	1 70 @ 3 00
Glens Falls, black.....	@	@	Not sold.	4 00 @ 4 50
Italian, blue-veined.....	@	@	Not sold.	2 50 @ 2 75
" Sienna.....	@	@	Not sold.	4 00 @ 5 00
Tennessee, red.....	@	@	Not sold.	4 00 @ 5 00
Pennsylvania, blue.....	@	@	Not sold.	3 00 @ 4 00
Vermont, white.....	@	@	3 50 @ 6 00	2 00 @ 3 00
Slates, Roofing (\$ square).				
" green.....	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 15	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 @ 8 85	3 25 @ 4 00
" Chapmans.....	5 50 @ 8 00	5 50 @ 8 0	7 30 @ 8 00	4 00 @ 4 65
" Unfading Black, Monson, Me.	@	@	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am.....	@	@	Not sold.	6 00 @ 25 00
N. Peach Bottom, warranted unfading				
PAINTS. (In oil, \$ lb.)				
White lead, Am.....	7 @ 74	@ 74	6 1/2 @ 7	@ 7
" Zinc.....	5 @ 84	@ 84	7 @ 10 1/2	@ 7
Red lead, Am.....	6 @ 7	@ 74	6 1/2 @ 7	@ 7
" Venetian.....	6 @ 10 1/2	7 @ 12	1 1/2 @ 2 1/2	dry Eng. @ 66
" Vermillion.....	65 @ 70	72 @ 75 dry	65 @ 68	Eng. @ 7
Red 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	@ 12
Green (chrome).....	8 @ 13	8 @ 20	8 @ 20	@ 12
Green, Paris.....	25 @ 40	25 @ 40	18 @ 35	@ 20
Black, lamp.....	15 @ 25	15 @ 25	8 @ 30	@ 12
Blue, ultramarine.....	12 @ 18	18 @ 30	12 @ 35	@ 20
Oil, linseed, (raw).....	60 @ 63	61 @ 62	60 @ 63	@ 66
" boiled.....	63 @ 66	64 @ 65	61 @ 63	@ 61
Turpentine.....	37 @ 38	43 @ 45	51 @ 51	@ 50
Varnish, coach.....	@	1 50 @ 6 00	1 25 @ 2 00	@ 3 00
Shellac.....	@	2 50 @ 3 00	2 25 @ 4 00	@ 2 75
Putty.....	@	@	@	@ 2
Whiting.....	7 @ 100	@ 1 1/2	1 1/2 @ 2	@ 1
Paris white, (Eng.).....	1 30 @ 2 00	@ 74	1 1/2 @ 2	@ 7
Litharge, Am.....	14 @ 20	14 @ 20	4 @ 7	@ 14
Sienna (burnt).....	14 @ 20	14 @ 20	2 @ 10	@ 12
Umber.....	@	@	@	@
HARDWARE.				
Nails: (Per Cask.) Spikes, (wrought.)	@ 2 85	@ 2 15	2 75 @ 3 00	pr kg @ 2 25
10d. common.....	@ 2 60	@ 2 35	@ 2 35	@ 2 30
Shingle.....	@ 3 35	@ 2 35	@ 2 75	@ 2 60
Lath.....	@ 4 85	@ 3 55	@ 3 65	@ 4 75
Finishing nails according to size.....			Add. 85 to \$1.15	per lb @ 6
(For casing nails add 75c. per keg.).....			" .50 to .90	Add. pr cask
Butts: 4"x4".....(\$ 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.....\$ pair.....	@ 65	@ 50	Not sold.	48 @ 50
Bronze metal.....	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Brass (or supboards).....	@ 10	@ 10	@ 12	@ 1 00
Ebony.....	@	@	@	@ 35
Apple wood.....	@	@	@	37 @ 1 00
Knobs: (\$ Set.)				@ 08
Mineral, best.....	@ 8	@ 8	8 @ 10	Not sold.
Lava.....	@ 50	17 @ 75	65 @ 80	25 @ 50
Hematite.....	Not sold	33 @	31 @ 40	@ 25
Porcelain.....	@ 30	10 @	25 @ 30	1 00 @ 2 50
Glass, solid.....	Not sold	88 @ 1 00	Not sold.	1 75 @ 2 00
Glass, silvered.....	Not sold	50 @ 3 00	50 @ 3 00	50 @ 3 50
Bronze metal.....	75 @ 2 00	50 @ 3 00	1 00 @ 3 00	75 @ 1 25
Brass.....	1 00 @ 2 50	50 @ 3 00	13 @ 16	13 1/2 @ 16
Solder:				@ 6
Sheet Lead.....	@	@	@	@ 6
Lead Pipe.....	@	@	@	@
Iron:				
I-Beams, up to and including 30 ft.....	3 3-10 @ 34	@ 3 1-10	3 20 @ 3 70	@ 2 8-10
I-Beams, over 30 ft. 1. 1. 1 c. advance.....	3 3-10 @ 34	@ 3 1-10	@	@ 2 8-10
Channel-Beams.....	3 3-10 @ 34	@ 3 1-10	@	@ 2 8-10

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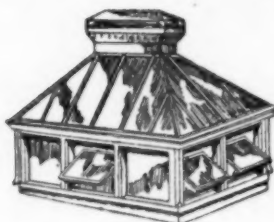
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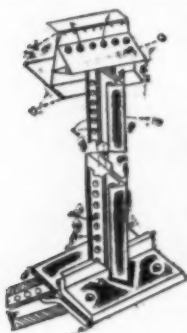
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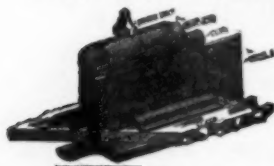
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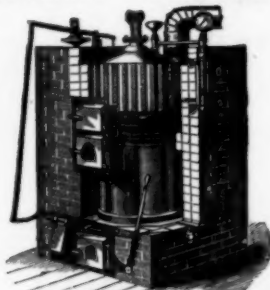
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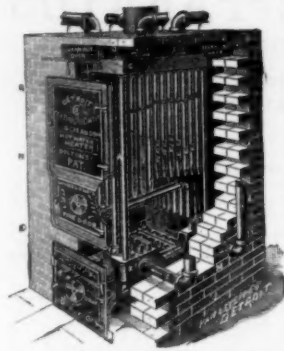
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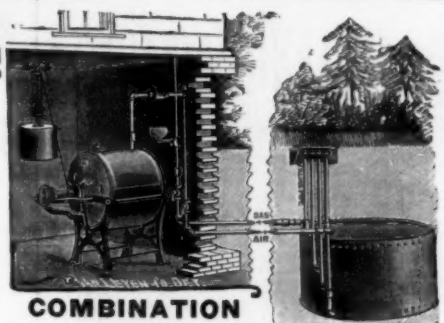
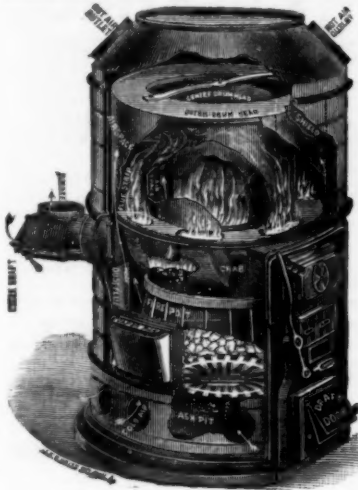
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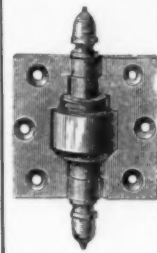
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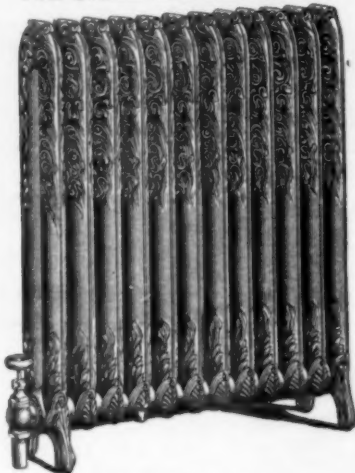


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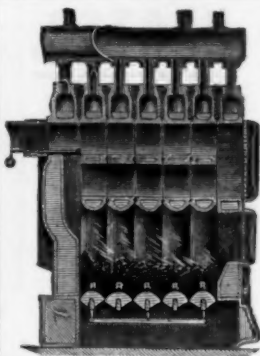
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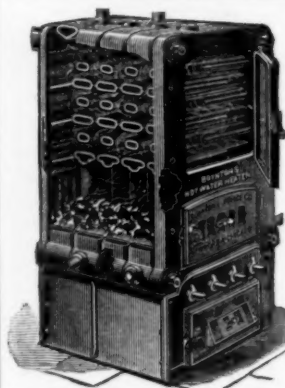
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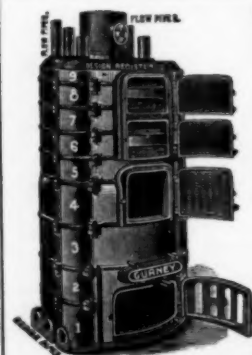
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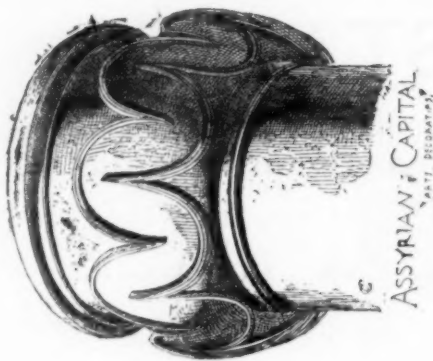
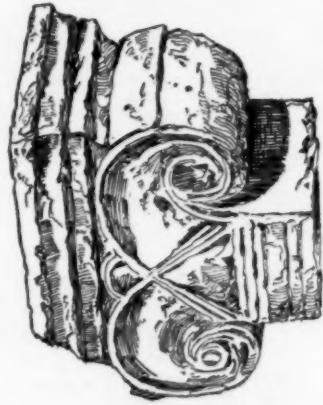
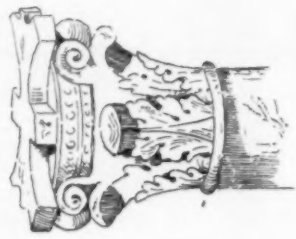
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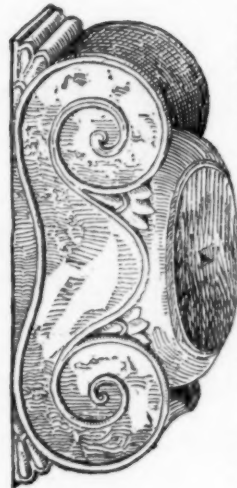
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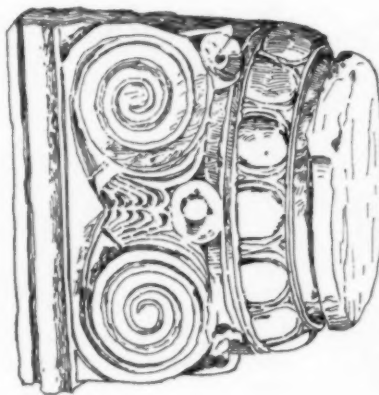
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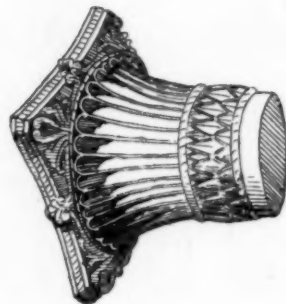
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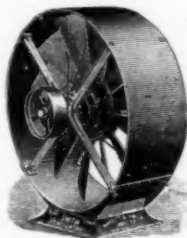
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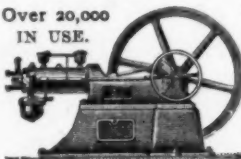
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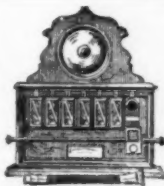
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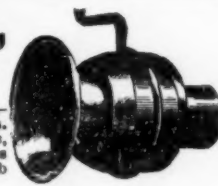


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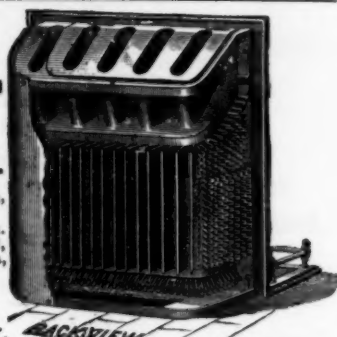


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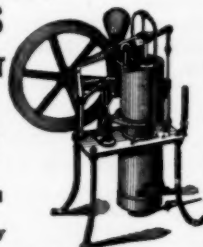


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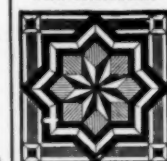
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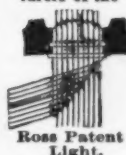
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The American Architect and Building News

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New Advertisements.

RICHMOND STOVE CO. (Norwich, Conn.), Hot-Water Heater. Page 8, Supplement.
THE STANDARD PAINT CO. (New York, N. Y.), Building Paper. Page v.
U. S. MINERAL WOOL CO. (New York, N. Y.), Mineral Wool. Page xxiii.
HAINES, JONES & CADBURY CO. (Philadelphia, Pa.), Bath Tubs. Page 4, Supplement.
J. F. PEASE FURNACE CO. (Syracuse, N. Y.), Hot-Water Heater. Page 5, Supplement.
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GEO. F. TAYLOR (New York, N. Y.), Sliding Door-Rail. Page 4, Supplement.
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PERSPECTIVE DRAWING.

The American Architect Drawing-Office will undertake the preparation of perspective drawings in line or color from scale drawings, or will render drawings already in outline. Address the editors.

WANTED.

WANTED.—A building clerk (architect preferred) who is fully competent to make close estimates and to do everything necessary in erecting and modifying buildings. State salary expected and give references. Address Real Estate, P. O. Box, 354, Atlanta, Ga. 755

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DESIGNER.—A designer for furniture and decoration; must be a good colorist, and prepared to submit samples of his work in both branches. Address Roux & Co., 2 East 20th Street, New York City. 754

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SUPERINTENDENT.—A practical, experienced builder (architect preferred) to supervise the erection of brick and frame buildings. Address P. O. Box 354, Atlanta, Ga. 754

WANTED.

SUPERINTENDENT.—A position as superintendent in an architect's office for inside and outside works; New York City preferred. Address "A. B. C.," care H. M. Carleton, 21 Park Row, New York. 754

WANTED.

SUPERINTENDENT.—By an architect having an extensive practice, a man competent to take charge of an important branch office; must be familiar with all departments, and have knowledge of civil engineering and mechanical work; state preparation, experience and age. Address confidentially "X. Y. Z.," this office. 754

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BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

ALTERATIONS.

Boston, Mass.—James St., No. 14, cor. Reed's Ct., Ward 18, alterations to brick dwell.; owner, Mary G. Lamphrey; builder, Thomas R. White.

State St., No. 222, and Commerce St., No. 73, Ward 6, alterations to mercantile building; owner, C. T. Lovering, trustees; builders, C. Moody & Co.

Harrison Ave., No. 9, alterations to brick dwell. and store; owner, P. J. Dailey; builders, McGarage & Co.

Brooklyn, N. Y.—Fulton Ave., junction of Bond St. and De Kalb Ave., 3 three-sty brick stores and flats, tin roofs, to be altered internally; cost, \$10,000; owners, Browning, King & Co., 406 Broome St., New York City; architect, s, Rose & Stone, 111 Broadway, New York City.

Henry St., n e cor. State St., three-sty basement, and cellar brick dwell., gravel roof, raised one story, extension to be added, and interior and exterior alteration to be made; cost, \$30,000; owner, Chas. H. Collins, 337 Ninth St.; architect, J. G. Glover, 186 Remsen St.

Lewis Ave., s w cor. Pulaski St., two-sty brick store and dwell., tin roof, raised one story, extension added and other alterations made; cost, \$4,800; owner, Aloisius Simon, 652 Kosciuszko St.; architect, John Platte, 225 Lynch St.

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See last or next issue for the following advertisements.

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Harrison Safety Boiler Works.
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PROPOSALS.

June 4, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 18th day of June, 1890, for all the labor and material required to fix in place complete the low-pressure, steam-heating apparatus required for the United States Custom-House and Post-Office building at Pittsburgh, N. Y., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time fixed for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Bids must be enclosed in an envelope sealed and endorsed "Proposal for Low-Pressure, Steam-Heating Apparatus for the United States Custom-House and Post-Office building at Pittsburgh, N. Y.," and addressed to JAS. H. WINDRIM, Supervising Architect. 755

BUILDING INTELLIGENCE.

Myrtle Ave., n w cor. Sumner Ave., 2 three-sty brick store and dwell., tin roof; two-sty brick extension, gravel roof, to be occupied as a store and kitchen to be added; cost, \$4,250; owner, Henry Bielenburg, Myrtle and Sumner Aves.; architect, A. Herbert, 145 Broadway.

Fulton St., cor. Bond St. and De Kalb Ave., 3 three-sty brick stores and lofts, tin roofs, altered internally; cost, \$10,000; owners, Browning, King & Co., 406 Broome St., New York; architects, Rose & Stone, 111 Broadway, New York.

Camden, N. J.—South Fifth St., No. 948, alteration to brick store; owner, Gilbert Hyers, 208 Chestnut St.

South Front St., No. 1122, alteration to brick stable; owner, F. A. Schuster, 104 Kaighn's Ave.

New York, N. Y.—Park Ave., No. 7, four-sty brick dwell., extension added and extensive internal

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Reserve for Unadjusted Losses and other Liabilities.....	473,492.89
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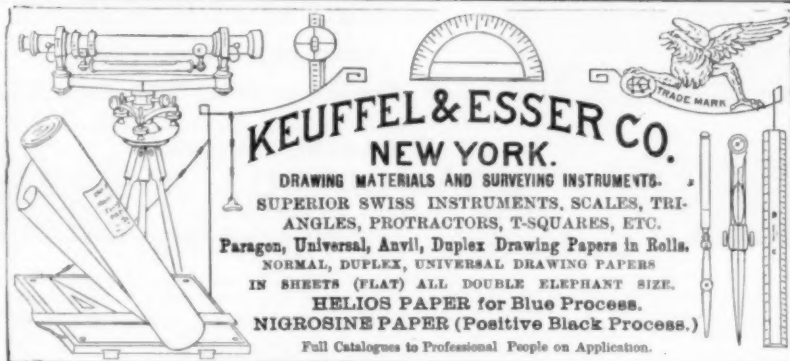
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alterations; cost, \$7,500; owner, Charles P. Noyes, 7 Park Ave.; architects, Lamb & Rich, 265 Broadway.
East Fifty-third St., No. 51, four-st'y brick dwell., extension and internal alterations; cost, \$6,000; owner, Wm. B. Parsons, 6 East Fifty-third St.; architects, Renwick, Aspinwall & Russell, 71 Broadway.

West Tenth St., No. 36, five-st'y brick dwell., altered internally; cost, \$6,000; owner, Katharine Godkin, 45 Fifth Ave.; builder, George Holliday, 162 West Thirtieth St.

Rector St., n e cor. West St., 2 five-st'y brick tenements, altered internally; cost, \$5,000; lessees, Central R. R. of New Jersey, Roselle, N. J.; owner, Elizabeth S. Jones, 1477 Broadway; architect, W. A. Mulford, Roselle, N. J.

East Broadway, No. 307, three-st'y brick tenement, extension and internal alterations; cost, \$7,000; owner, Michael J. Adrian, 308 Broadway; architects, J. Boekel & Son, 54 Bond St.

Sixth Ave., n e cor. Eighth St., three-st'y brick hotel, altered internally; cost, \$4,000; owner, Wm. E. Stiger, 138 West Seventy-third St.; architect, John B. Franklin, 744 Broadway.

Lexington Ave., n e cor. One Hundred and Twenty-fourth St., four-st'y brick flat, extension and internal alterations; cost, \$20,000; owner, Howard Hamm, 244 West One Hundred and Thirty-second St.; architect, Richard R. Davis, 247 West One Hundred and Twenty-fifth St.

Twenty-third St., s s, 100' w Tenth Ave., five-st'y brick factory, extensive internal alterations; cost, \$13,000; owners, Consolidated Electric Light Co., 32 Nassau St.; architect, Francis H. Kimball, 40 Broadway.

Twenty-eighth St., s s, 150' w First Ave., three-st'y brick factory, altered internally; cost, \$3,000; owners, Manhattan Brass Co., 338 East Twenty-eighth St.; architects, Buchman & Deisler, 8 West Twenty-ninth St.

Philadelphia, Pa. — Eighteenth St., n w cor. Fairmount Ave., one-st'y alteration and addition to club-house; Jas. Day, agent, n e Eighth and Calowhill Sts.

Tonawanda, N. Y. — Extension to engine-house; cost, \$4,000; architects, Johnson & Archer, Buffalo, N. Y.

Ware, Mass. — C. A. Stevens & Co., five-st'y addition to mill and three-st'y picker house adjoining; contractors, H. P. Cummings & Co.

BUILDING INTELLIGENCE.
APARTMENT-HOUSES.

Boston, Mass. — Marlborough St., No. 409, cor. West Chester Park, Ward 11, six-st'y brick apartment, flat roof, 52' x 90', and 2 seven-st'y apartments, flat roofs, 28' x 90'; owner, E. B. Horn; builders, Keen-ling & Strout Bros.

Highland Ave., near Cambridge St., Ward 25, four-st'y brick apartments, flat roof, 50' x 74'; owner, Maria W. Gunzenheiser; builders, Holmes Bros.

Dundee St., Nos. 3 to 16, Ward 11, 5 four-st'y brick apartments, flat roofs, 20' x 42'; owner, W. M. Henderson; builder, G. W. Adams.

Garrison St., Nos. 5 to 11, 4 four-st'y brick apartments, flat roofs, 23' x 50', 22' x 50' and 23' x 64'; owner, Seth R. Baker; builder, T. Hurley.

St. Botolph St., near Garrison St., 5 four-st'y brick apartments, each 26' x 63'; owner, Seth R. Baker; architect, Ernest N. Boyden.

Beacon St., No. 501, four-st'y brick apartments, 24' x 75'; owner, Seth R. Baker; architect, Ernest N. Boyden.

Exeter St., cor. Marlborough St., seven-st'y brick apartments, 30' x 90'; owner, Seth R. Baker; architect, Ernest N. Boyden.

Garrison St., cor. St. Botolph St., 4 four-st'y apartments; three, 23' x 50'; one, 23' x 64'; owner, Seth R. Baker; architect, Ernest N. Boyden.

Brooklyn, N. Y. — Twelfth St., n s, 21' e Sixth Ave., 4 four-st'y brick flats, tin roofs; cost, \$12,000; owner, George O. Van Orden, 418 Seventeenth St.; architect, W. O. Tait, 166 Montague St.

Twelfth St., n s, 133' e Sixth Ave., four-st'y brick flat, tin roof; cost, \$10,000; owner, George O. Van Orden, 418 Seventeenth St.; architect, W. O. Tait, 166 Montague St.

Marion St., n s, 78' e Saratoga Ave., 5 three-st'y brick flats, tin roofs; cost, \$21,000; owner, Mrs. Williams, Suydam St.; architect, Ernest Dennis, 115 Hiram St.

Chicago, Ill. — F. Arnswald, one-st'y flat, 31 Mo-Reynold St.; cost, \$3,800.

Moerschbaeher, three-st'y flats, 263 Rush St.; cost, \$6,000.

L. Paulson, two-st'y flats, 719 Seymour St.; cost, \$6,000.

Henry Mathing, two-st'y flats, Halstead St., near Sixty-seventh St.; cost, \$3,800.

C. J. Anderson, three-st'y flats, 163 East Chicago Ave.; cost, \$9,500.


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Giacome Galetta, two-st'y flats, 760 West North Ave.; cost, \$6,000.

Adolph Schissler, three-st'y flats, 144 Brown St.; cost, \$4,000.

C. Michaelson, two-st'y flats, Perry St. and Jefferson Ct.; cost, \$4,000.

C. Hasbet, two-st'y flats, 3632 South Wood St.; cost, \$2,000.

C. F. Raemussen, four-st'y flats, 234 North Curtis St.; cost, \$10,000.

Herman Lemke, three-st'y flat, 402 North Robey St.; cost, \$6,000.

Andrew Erickson, three-st'y flat, 511 West Ohio St.; cost, \$1,500.

J. D. Bacon, 2 two-st'y flats, Sangamon and Sixty-ninth Sts.; cost, \$3,200.

Mrs. M. Stanton, two-st'y flat, McChesney and Sixty-sixth Sts.; cost, \$3,000.

W. G. Gardner, two-st'y flat, McChesney and Seventy-second St.; cost, \$2,500.

George Perry, two-st'y flat, 5706 Wabash Ave.; cost, \$4,000.

John Frechozka, three-st'y flats, 863 West Eighteenth St.; cost, \$4,800.

S. M. Nelson, four-st'y flats, 132 West Erie St.; cost, \$8,500.

Louis Weber, three-st'y flats, 744 West Twentieth St.; cost, \$50,000.

Mrs. Ellen McO'Connell, two-st'y flats, 428 Hermitage Ave.; cost, \$3,000.

George Shenhouse, two-st'y flats, 1529 Lill Ave.; cost, \$3,500.

Katrina Rehna, three-st'y flat, 568 Johnston St.; cost, \$7,800.

Roofing Materials.

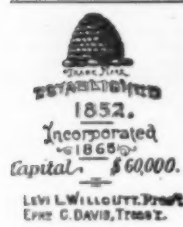
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BUILDING INTELLIGENCE.

Roxbury, Mass.—Alden St., 2 three-st'y frame apartments, six rooms in each, pitch roofs, 26' x 54'; owner, Geo. B. Nichols; architect, Alden Frink, Boston; builder, John McDowell.

St. Louis, Mo.—Two-st'y brick flats; cost, \$5,000; owner and contractor, Thos. Ayrlay.

Two-st'y brick flats; cost, \$4,000; owner, H. Halter; contractor, C. Kellerman.

CHURCHES.

Baltimore, Md.—The congregation of Third Christian Church will build two-st'y stone and iron edifice s s Fayette St., w Schroeder St.

Birmingham, Ala.—Architect Byrd has prepared plans for a church for the South Side Baptist congregation to cost abt. \$30,000.

Chicago, Ill.—Congregation Anshe Maariv, one-st'y synagogue, 3601-3611 Indiana Ave.; cost, \$100,000.

Somerville, Mass.—Winter Hill, stone and slate church, 52' x 82', for Congregational Society; contract to be let; architects, Hartwell & Richardson, Boston.

Wakefield, Mass.—Stone church, 100' x 150', for First Congregational Society; architects, Hartwell & Richardson, Boston; builders, Darling Bros., Worcester.

FACTORIES.

Brooklyn, N. Y.—Spencer St., e s, 111' x 100' s Myrtle Ave., four-st'y brick factory for the manufacture of coco matting and rugs, gravel roof and cement roof; cost, \$25,000; owner, Henry Small, 621 Willoughby Ave.; architect, M. J. Morrill, 357 Fulton St.

Chicago, Ill.—L. Wolf Manufacturing Co., six-st'y factory, 117 West Lake St.; cost, \$30,000.

Cincinnati, O.—Mrs. C. B. Colift, three-st'y manufacturing, Eighth St.; cost, \$8,000; architect, Jacob J. Ruecker.

Philadelphia, Pa.—Cadwallader St., w s, s Montgomery Ave., seven-st'y factory; owner, D. G. Harkness, 2307 North Tenth St.

Oxford St., s s, w Ninth St., three-st'y factory;

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SOMERSET, MASS.

Boston Office, No. 4 Liberty Square.

BUILDING INTELLIGENCE.

contractor, C. B. Prettyman, 1252 South Twentieth St.

HOTELS.

Rome, Ga.—It is reported that hotel, to cost \$75,000, will be built.

HOUSES.

Baltimore, Md.—Wm. Groscup, 4 two-st'y brick buildings, w s Johnson St., s Randall St.; and 2 two-st'y brick buildings, s s Randall St., w Johnson St.

Catharine Trainor, 2 three-st'y brick buildings, n s Gough St., adj. cor. Little Gough St.

Boston, Mass.—Millett St., near Wheatland Ave., Ward 24, frame dwell., 22' x 39'; owner, C. W. Garitt; builder, S. R. Simmons.

Washington St., Nos. 2810-14, Ward 21, 3 three-st'y frame dwell., flat roofs, 26' x 52'; owner and builder, J. J. Johnson.

Saratoga St., Nos. 40-44, cor. Grinnell St., Ward 19, 3 three-st'y brick dwell., flat roofs, 19' x 32'; owner, Homer Lahaise; builder, A. Phaneuf.

Bicknell St., near Harvard St., Ward 24, frame dwell., 24' x 36'; owner, Eugene Sanger; builder, F. B. Norwood.

Parker St., No. 822, three-st'y frame dwell., flat roof, 21.6' x 42'; owner, Mrs. S. Boyle; builder, M. J. O'Brien.

George St., cor. Magazine St., and Nos. 84-86 George St., Ward 20, 2 three-st'y frame dwell. and stores, flat roofs, 27' x 37' and 22' x 40'; owner, John Dimmock; builder, M. J. O'Brien.

Walter St., near Peters St., Ward 23, frame dwell., 22' x 33'; owner and builder, James Carson.

Parker St., No. 820, Ward 22, three-st'y frame dwell., flat roof, 24' x 50'; owner, W. Gately; builder, M. J. O'Brien.

Wayland St., cor. Magnolia St., Ward 20, three-st'y frame dwell., flat roof, 36' x 48'; owner and builder, B. F. Bean.

Glen Road, cor. Sigourney St., Ward 23, frame dwell., 50' x 55.16'; owner, B. Brewster; builder, F. M. Morton.

BUILDING INTELLIGENCE.

Monmouth St., No. 50, Ward 1, frame dwell., 20.6' x 60'; owners and builders, Frame & McPherson.

Falcon St., No. 146, Ward 1, frame dwell., 20.6' x 46.6'; owner, W. P. Snowdon; builder, D. D. Fish.

Saratoga St., Nos. 241 and 425, Ward 25, 2 three-st'y frame dwell., flat roofs, 21' x 55' and 22' x 48'; owner of one, John F. Lane; builder, J. C. Frame; owner of other, Patrick Healey; builder, E. J. Turner.

Webster St., Nos. 291-295, Ward 2, 3 three-st'y frame dwell., flat roofs, 19.6' x 31' and 24' x 31'; owner and builder, G. W. Hargrave.

Jeffries St., Nos. 45-53, Ward 2, 5 three-st'y frame dwell., flat roofs, 20' x 31'; owner and builder, G. W. Hargrave.

Marginal St., No. 300, cor. Jeffries St., Ward 2, three-st'y frame dwell., 20' x 31'; owner and builder, G. W. Hargrave.

Sumner St., Nos. 497-499, Ward 2, 2 three-st'y frame dwell., flat roofs, 19.6' x 31' and 20' x 31'; owner and builder, G. W. Hargrave.

Brookline, Mass.—Walley Ave., brick and slate dwell., 33' x 41'; owner, R. L. Roberts; contract to be let; architects, Hartwell & Richardson, Boston.

Brooklyn, N. Y.—Jefferson Ave., s e cor. Throop Ave., four-st'y brick dwell., gravel and felt roof; cost, \$5,000; owner, Charles F. Hunt, 480 Putnam Ave.; architect, Mr. Hine; builder, George B. Stoutenburg, 591 Jefferson Ave.

Bainbridge St., n s, 100' e Ralph Ave., 6 two-st'y basement and cellar brick dwell., tin roofs; cost, each, \$4,000; owner, J. H. McKenney, 306 Bainbridge St.; architects, H. L. Spicer & Son, Third Ave. and Fifty-third St.

Bergen St., n s, 365' e Rochester Ave., three-st'y frame dwell., tin roof; cost, \$3,000; owner, Lewis Bundick, 1685 Bergen St.

Pennsylvania Ave., e s, 100' s Atlantic Ave., two-st'y and basement frame dwell., tin roof; cost, \$4,800; owner, Mrs. Rachel Kriger, 160 Atlantic Ave.; architect, Chas. Infanger, 68 Van Sicken Ave.

Chicago, Ill.—Thomas J. Bolger, two-st'y dwell., 20 Potomac St.; cost, \$3,500.

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Mrs. W. Tesnus, two-sty' dwell., 2669 North Robey St.; cost, \$2,300.
Albert Larson, 2 two-sty' dwells., Gross Ave., near Cortland St.; cost, \$4,000.
George Viehweg, two-sty' dwell., 6536 Wharton Pl.; cost, \$2,000.
W. H. Bowman, 16 cottages, 3406-3436 Yorktown St.; cost, \$10,000.
J. C. Sterling, two-sty' dwell., 2311-2313 Calumet Ave.; cost, \$10,000.
E. S. Smith, 2 three-sty' dwells., 4061-4063 Ellis Ave.; cost, \$5,000.
C. D. Snapp, two-sty' dwell., Yale St., near Seventy-third St.; cost, \$6,000.
C. Peterson, two-sty' dwell., 3538 Marshfield Ave.; cost, \$2,000.
Mrs. Nellie S. Talbot, two-sty' dwell., 5154 South Park Ave.; cost, \$10,000.
Patrick Fitzgerald, two-sty' dwell., Logan and Halsted Sts.; cost, \$2,000.
William Frink, two cottages, Wright and Fifty-fourth Sts.; cost, \$2,000.
James McConnell, two-sty' dwell., Perry St., near Seventy-second St.; cost, \$5,500.
W. Meeks, seven cottages, 5542-5558 Tracy Ave.; cost, \$5,500.
J. B. Clark, three cottages, 519-523 Fremont St.; cost, \$3,600.
Mrs. Julia A. Adams, two-sty' dwell., 2007 Robey St.; cost, \$5,000.
J. B. Patterson, three-sty' dwell., 382 Bissell St.; cost, \$5,900.

Chicopee Falls, Mass.—James Crowther, 2 two-and-one-half-sty' dwells.; cost, \$3,000; contractors, D. B. Briggs & Son.

Cincinnati, O.—John Lupold, two-and-one-half-sty' dwell., Brown St.; cost, \$4,500; architects, G. & A. Brink.

Miller & Washburn, 3 two-and-one-half-sty' dwells., Brooklyn Ave.; cost, \$7,500; architect, C. Henry.

J. Bass, double two-sty' frame dwell., Columbia Ave.; cost, \$2,500; architect, Jno. C. Homan.

Jackson, Mich.—L. H. Field, brick and frame dwell., cost, \$10,000; architects, Johnson & Archer, Buffalo, N. Y.

Lenox, Mass.—John E. Parsons, stone house and barn; contractor, H. Dodge, Pittsfield.

Long Island, Lake Winnepesaukee, N. H.—Three-sty' frame dwell., 45' x 57', to be built in the form of a castle, with circular tower; grand hall, 25' x 25', with fireplace 9 feet wide, and gallery around hall; circular dining-room, drawing-room, 15' x 24', etc.; cost, abt. \$10,000; owner, Dr. J. A. Greene, New York; builder, C. H. Blodgett, Boston; architect, Alden Frink, Boston.

Minneapolis, Minn.—R. Farnham, two-sty' frame dwell., 3901 Lyndale Ave., n; cost, \$4,400.

Henry Ingham, two-sty' frame dwell., 3032 Fifth Ave., s; cost, \$4,000.

Lizzie Turner, two-sty' frame dwell., 2209 Grand Ave.; cost, \$8,500.

Lizzie Turner, two-sty' frame dwell., 2304 Grand Ave.; cost, \$8,500.

B. Farnham, two-sty' frame dwell., 3901 Lyndale Ave., s; cost, \$3,500.

Newtonville, Mass.—Frame dwell.; owner, Mr. Prince; contract to be let; architects, Hartwell & Richardson, Boston.

New York, N. Y.—Ninety-fourth St., n s, 425' w Eighth Ave., 7 three and four sty' dwells., tin roofs; cost, \$98,000; owner, J. M. Goenell, 1593 Ninth Ave.; architect, C. M. Young, One Hundred and Sixty-eighth St. and Tenth Ave.

One Hundred and Nineteenth St., n s, 125' e Seventh Ave., 5 three-sty' brick dwells., tin roofs; cost, \$12,000; owner, Stephen J. Wright, 203 West One Hundred and Thirtieth St.; architect, I. H. Valentine, 247 West One Hundred and Twenty-fifth St.

Madison Ave., n e cor. Ninety-third St., 5 three-sty' brick dwells., peak tin and slate roofs; cost, \$75,000; owner, James V. S. Woolley, 75 East Seventy-ninth St.; architect, G. G. Brinkerhoff, Jr., 54 East Seventy-eighth St.

Pawtucket, R. I.—MacColl & Hall, 4 two-sty' frame dwells.; cost, \$9,000; architect, Albert H. Humes.

H. J. Lynd, three-sty' frame dwell.; cost, \$4,000; architect, Albert H. Humes.

Dr. J. E. V. Mathien, two-sty' frame dwell.; cost, \$3,800; architect, Albert H. Humes.

David Russell, Alexander Leslie and James Kenyon, each frame dwells.; cost, \$6,500; architect, Albert H. Humes.

Philadelphia, Pa.—Twenty-fourth St., e s, s Carpenter St., 5 two-sty' dwells.; contractor, Thomas McConch, 2034 Bainbridge St.

BUILDING INTELLIGENCE.

Paschall St., n s, e Forty-ninth St., 7 two-sty' dwells.; owner, W. S. P. Shields, 735 Walnut St.
Hanson St., e and w s, n Greenway Ave., 20 two-sty' dwells.; owner, W. S. P. Shields, 735 Walnut St.

Walnut St., n s, w Fifty-first St., 16 two-sty' dwells.; owner, Jos. H. Carter, 2134 Arch St.
Clementine St., s s, e Amber St., 8 two-sty' dwells.; owner, Philip Magee, s e cor. Front and Norris Sts.

Adaline St., s s, e Emerald St., two-sty' dwell.; contractor, Jos. McNutt, 2320 Sepviva St.
Penn St., e s, s Sellers St., two-sty' dwell.; contractor, John C. Haines, 4804 Penn St.

Worth St., w s, s Margaretta St., two-sty' dwell.; contractor, Charles Roth, 408 Huntingdon St.
Palethorp St., Nos. 2343-2345, two-sty' dwell., with two-sty' back building; contractor, Daniel Neveiling, 2506 Mascher St.

Garnett St., e s, n Dauphin St., 10 two-sty' dwells.; owner, William Blair, 2050 Reed St.
Herman St., s s, w Twenty-fifth St., two-sty' dwell.; owner, Charles Dempsey, Twenty-fourth and Herman Sts.

York St., s s, e Twentieth St., 8 three-sty' dwells.; owner, F. Rankin, 1750 North Fifteenth St.
Boyd St., w s, n Locust Ave., 15 two-sty' dwells.; contractor, James Armstrong, Stenton Ave. and Mill St.

Ridge Ave., w s, n Manayunk Ave., 4 two-sty' dwells.; owner, N. Brenzel, 3900 Ridge Ave.
Reese St., e s, s York St., 2 two-sty' dwells.; contractor, Jos. Parker, 2639 Germantown Ave.

Montgomery Ave., n and s s, e Twenty-eighth St., 24 two-sty' dwells.; owner, J. E. Ridgway, 1812 Spring Garden St.

Crowthers Ave., s s, w Eighty-sixth St., two-sty' dwell.; contractors, F. Ruckle & Co., 518 Walnut St.

Lincoln Ave., s s, e Sixty-third St., 2 two-sty' dwells.; owner, William Mills, Fifty-fifth St. and Woodland Ave.

Turner St., No. 3502, two-sty' dwell.; owner, J. H. Smith, 3516 Turner St.

Fifth St., w s, n Pike St., two-sty' dwell.; owner, J. F. Johnson, 2510 North Fifth St.

Westmoreland Ave., w Twentieth St., two-sty' dwell.; contractor, Benjamin Walker, 3953 Germantown Ave.

Pomona Ave., e Hancock St., 4 three-sty' dwells.; contractor, J. O. Broadbent, 314 Haines St.

Weiss St., w s, s Spencer Ave., 3 two-sty' dwells.; contractors, Sims & Magridge, Newbold Ave., Germantown.

Canal St., n s, e Fourth St., two-sty' dwell.; contractor, A. J. Hook, 1907 South Second St.

Emily St., n and s s, w Tenth St., 24 two-sty' dwells.; owner, C. B. Prettyman, 1252 North Twentieth St.

Linnard St., s s, w Thirty-sixth St., 22 two-sty' dwells.; owner, George Boss, n e Nineteenth St. and Girard Ave.

Thirty-sixth St., w s, s Linnard St., 3 two-sty' dwells.; owner, George Boss, n e Nineteenth St. and Girard Ave.

Dickinson St., n s, e Twenty-third St., 25 two-sty' dwells.; owner, John Devlin, 2311 Lombard St.

Morris St., w Eighth St., two-sty' dwell.; contractor, F. A. Robinson, 1341 South Eighth St.

Fairhill St., s Luzerne St., two-sty' dwell.; contractor, John Miller, 3941 North Fifth St.

Thirty-seventh St., n w cor. Spruce St., three-sty' dwell. and store; contractor, E. A. Roth, 1638 North Twenty-sixth St.

Germantown Ave., n e cor. Jefferson St., three-sty' dwell. and store; contractor, E. Thompson, 1609 North Eighth St.

Twenty-third St., e s, n Dickinson St., dwell. and office; owner, John Devlin, 2311 Lombard St.

Wellington St., n s, w Almond St., 9 two-sty' dwells.; contractor, C. W. Cox, 826 Federal St., Camden, N. J.

York St., n s, e Broad St., 11 two-sty' dwells.; owner, John Loughran, 2544 North Eighth St.

Twenty-seventh St., w s, n Cumberland St., 2 two-sty' dwells.; contractor, Charles Roth, 408 Huntingdon St.

Garnett St., e s, n Dauphin St., 16 two-sty' dwells.; owner, Wm. Blair, 2050 Reed St.

Levering Ave., n s, near Mitchell St., three-sty' dwell.; contractor, Chas. Vogt, 455 Levering Ave.

Jefferson St., bet. Pechin St. and Manayunk Ave., 2 two-sty' dwells.; owner, Wm. Ferguson, cor. Bolton St. and Manayunk Ave.

Adrian St., e s, n Wingohocking St., two-sty' dwell.; owner, S. Schmitt, 3180 Miller St.

Harrison St., bet. Wayne and Seymour Sts., 27 two-sty' dwells.; owner, Wm. S. McNabb, 208 Mill St.

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Mechlin St., s s, e Germantown Ave., three-sty' dwell.; contractor, M. D. Warthman, 48 Mechlin St.

Fleeson St., s s, w Ridge Ave., 2 three-sty' dwells.; owner, S. B. Righter, Fountain St., Roxborough.

Sixteenth St., w s, s Westmoreland St., three-sty' dwell.; contractor, H. A. Miller, Fifteenth and Clearfield Sts.

Airy St., e s, s Mechanic St., 2 two-sty' dwells.; owner, Chas. Dougherty, Terrace St., near Mechanic St.

Forty-eighth St., e s, s Chester Ave., three-sty' dwell.; contractor, Jas. D. Arthur, 4809 Trinity Pl.

Belmont Ave., e s, s Westminster Ave., 12 three-sty' dwells.; owner, Jacob R. Jordan, 1626 South Broad St.

Emlin St., n and s s, w Park Ave., 22 two-sty' dwells.; owner, John Loughran, 2544 North Eighth St.

Twenty-seventh St., w s, n York St., 2 three-sty' dwells.; contractor, J. C. Aschbecker, 1542 West Cumberland St.

Twenty-fourth St., w s, s Factory St., 2 three-sty' dwells.; owner, John Stafford, 1606 Susquehanna Ave.

Bellfield St., e s, s Mill St., three-sty' dwell.; owner, J. C. Humphreys, 205 Ashmead St.

Norristown Ave., e s, n Spencer St., two-sty' dwell.; contractor, Jos. J. Sharp, 4961 Knox St.

Forty-ninth St., e s, n Greenway Ave., 10 two-sty' dwells.; owner, W. S. P. Shields, 735 Walnut St.

Girard Ave., s s, e Sixty-first St., 2 two-sty' dwells.; contractor, Robert G. Black, s w cor. Sixty-third and Race Sts.

South Ninth St., No. 1149, two-sty' dwell.; owner, James Bradshaw, 908 Ellsworth St.

Morris St., s s, w Twentieth St., 20 two-sty' dwells.; contractor, John Frell, 1422 Tasker St.

Teeple St., w s, s York St., 22 two-sty' dwells.; owner, John T. Tracy, 1643 South Seventeenth St.

Main St., w s, n Hickey St., Vanhorn St., e s, s Solly St., and Solly St., s s, w Main St., 3 two-sty' dwells.; contractor, F. G. Castor, Holmesburg.

Vanhorn St., e s, n Welsh Rd., two-sty' dwell.; owner, C. W. Felter, Holmesburg.

Fairview Ave., n Clark St., two-sty' dwell.; owner, Jos. A. Hand, Holmesburg.

Richmond St., n s, e Orthodox St., two-sty' dwell.; contractor, J. Wenzelberger, 260 Bridge St.

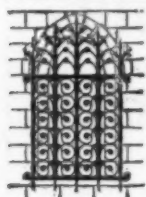
Edmond St., s s, e Tyson St., 2 two-sty' dwells.; contractor, J. Wenzelberger, 260 Bridge St.

Christie St., n s, e Welsh Rd., two-sty' dwell.; contractor, Thos. O. Enoch, Holmesburg.

Meadow St., s s, e Paul St., two-sty' dwell.; contractor, S. R. Eckert, 517 Bridge St.

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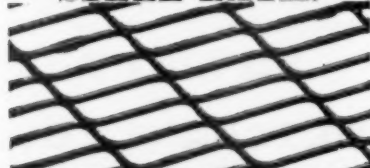
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Fairview Ave., n s, e Delaware Ave., two-st'y dwell.; contractor, T. Enoch, Holmesburg.
Turner St., e s, s Venango St., 4 two-st'y dwell.; contractor, Jas. H. Duff, s e Ninth and Venango Sts.
Chelton Ave., n s, e Boyer St., two-st'y dwell.; owner, Henry Davenport, 510 Chelton Ave.
Manheim St., s Wayne Ave., 2 three-st'y dwell.; contractor, W. S. McNabb, 208 Mill St.
Green St., e and w s, n Roberts Ave., 22 two-st'y dwell.; owner, H. O. Smith, n w cor. Erie and Pulaaki Aves.
School St., n s, w Green St., 4 three-st'y dwell.; owner, W. A. Schaeffer, 4874 Main St.
Ridge Ave., s Laurison St., three-st'y dwell.; contractors, McLaughlin & Co., Clinton St., Nicetown.
Oberle St., w s, s Godfrey St., 7 two-st'y dwell.; contractor, C. J. Appleton, 1645 Corr St.
Spencer St., s Ridge Ave., three-st'y dwell.; contractor, Jas. J. Sharp, 4061 Knox St.
Gray's Ave., n s, w Sixty-second St., 2 two-st'y dwell.; contractor, H. S. Urian, 5503 Woodland Ave.
Forty-first St., e s, s Parrish St., 9 three-st'y dwell.; owner, Edwin Peters, 1846 North Thirtieth St.
Twelfth St., w s, s York St., 23 two-st'y dwell.; owner, Jacob Tracy, 1643 South Seventeenth St.
Providence, R. I.—Douglass Ave., three frame dwell.; owner, Mary R. Phillips.
Irving Ave., frame dwell.; owner, F. K. Rogers.
Hamilton Ave., frame dwell.; owner, Jesse Gafford.
Camp and Pleasant Sts., two frame dwell.; owner, Robert Steere; architects, Cady & Stapleton; builders, Gilbane & Bro.
High St., frame dwell.; cost, \$4,000; owner, D. P. Williams; builders, Hopkins & Sweet.
Ives St., three frame dwell.; cost, \$3,400 each; owner, Joseph Banigan; builder, T. W. Barry.
Taber and Irving Aves., frame dwell.; owner, F. B. Bourne.
Barnes St., frame dwell.; cost, \$3,500; owner, Lincoln V. Davis; builder, J. K. Harris.
Adelaide Ave., two-st'y frame dwell.; owner, Frederick B. Hinds; builder, K. D. Forbes.
Roxbury, Mass.—Cedar St., frame dwell., 24' x 50'; owner, Patrick Gormley; builder, J. J. Flynn; architect, Aiden Frink, Boston.
Somerville, Mass.—School St., frame dwell., 26' x 45'; owner, Mrs. Bauerfort; contract to be let; architects, Loring & Phelps, Boston.
Evergreen Ave., frame dwell., 26' x 54'; owner, Brooks estate; contract to be let; architects, Loring & Phelps, Boston.
St. Louis, Mo.—Two-st'y brick dwell.; cost, \$2,500; owner, M. C. Weaver; contractor, C. H. Hart.
Two-st'y brick dwell.; cost, \$6,900; owner, J. N. Frank; contractor, A. Nega.

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Two-st'y brick dwell.; cost, \$6,000; owner, M. P. Evans; sub-let.
Two-st'y brick dwell.; cost, \$5,000; owner and contractor, M. J. Brennan.
Three-st'y brick dwell.; cost, \$2,500; owner, H. Holtman; contractor, P. Tiemann.
Two-st'y brick dwell.; cost, \$4,000; owner, C. McEwing; contractors, J. M. Darr & Bro.
Two-st'y brick dwell.; cost, \$2,700; owner, Mrs. Lee Harding; contractors, E. Wind & Co.
Two-st'y brick dwell.; cost, \$8,000; owner and contractor, M. Kirkwood.
Two-st'y brick dwell.; cost, \$3,500; owner, H. N. Baird; contractor, J. H. Flower.
Two-st'y brick dwell.; cost, \$3,400; owner, Frank Moyer; contractor, J. B. Schafer.
Two-st'y brick dwell.; cost, \$4,000; owner, Mrs. J. McIntyre; contractors, Abbott & George.
Two-st'y brick dwell.; cost, \$4,000; owner, M. A. Ernst; contractor, H. Drees.
Three-st'y brick dwell.; cost, \$5,500; owner, Wm. Hammel; contractors, Wm. Kiewe & Son.
Tonawanda, N. Y.—Vandervort & Rand, four cottages; cost, \$6,000; architects, Johnson & Archer, Buffalo, N. Y.
Waltham, Mass.—Frame dwell., 30' x 45'; owner, Mr. Gibbs; contract to be let; architects, Hartwell & Richardson, Boston.

OFFICE-BUILDINGS.

New York, N. Y.—Fifth Ave., s w cor. Eighteenth St., ten-st'y office-building and store; owner, W. Osborn Stoddard; architect not yet selected.

RAILROAD BUILDINGS.

Wytheville, Va.—The Norfolk & Western Railroad contemplates, it is stated, the building of a station here, to cost \$30,000.

SCHOOL-HOUSES.

New York, N. Y.—Broome St., n w cor. Ridge Ave., four-st'y brick school, tin roof; cost, \$145,000; owner, City of New York, City-hall; architect, Geo. W. Debevoise, 146 Grand St.

BUILDING INTELLIGENCE.

Philadelphia, Pa.—Kershaw Ave., e Fifty-second St., one-st'y Sunday-school building; superintendent, Henry Brooks, Fifty-third St. and Girard Ave.
St. Louis, Mo.—Two-st'y brick school; cost, \$15,000; owner, Gt. Bernhard Cong.; contractor, C. Hahn.

STABLES.

Brooklyn, N. Y.—Greenpoint Ave., s s, 261' 10" w Manhattan Ave., three-st'y brick stable, gravel roof; cost, \$10,000; owner, Frank H. Linden, on premises; architect, J. C. Snackenbergh, 142 Franklin St.
Waverly Ave., w s, 125' s Myrtle Ave., two-st'y brick stable, tin roof; cost, \$3,000; owner, Chas. E. Dinger, Clinton Ave.; architect, John Hearn, 121 Hall St.
Chicago, Ill.—Geo. R. Des Riveres, one-st'y stable, 1056-1058 Thirty-fourth St.; cost, \$2,000.
G. W. Lindquist, three-st'y stable and flats, 311 North Market St.; cost, \$2,500.
Cincinnati, O.—N. N. Hollmann, two-st'y stable, Beack St.; cost, \$3,000; architect, W. W. Franklin.
Philadelphia, Pa.—Adrian St., s w cor. Master St., two-st'y stable; contractors, Quigley & Craig, 1517 North Front St.
Fremont St., n s, w Twelfth St., two-st'y stable; contractor, Wm. Smith, 2332 North Broad St.
Hazel Ave., No. 6044, two-st'y stable; owner, J. F. Swift, Sixty-first St. and Hazel Ave.
Chester Ave., s w cor. Forty-seventh St., one-st'y stable, mansard roof; owner, C. M. Busch, 504 South Forty-second St.
Pallas St., w s, n Tasker St., two-st'y stable; contractor, Thos. Parker, 1517 South Juniper St.
Wallace St., Nos. 2305-2307, three-st'y stable; contractors, R. J. Whitesides & Sons, 2228 Mount Vernon St.
Susquehanna Ave., e Twenty-seventh St., one-st'y stable; contractor, D. C. Schuler, 2327 North Sixth St.

STORES.

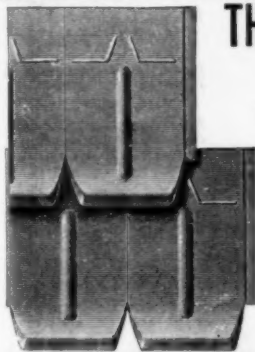
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Ninth St., 2 four-st'y brick stores and dwells, tin
roofs; cost, \$25,000; owner, F. D. Creamer, 167 Han-
cock St.; architect, W. M. Coots, 26 Court St.
Evergreen Ave., n w cor. Winfield St., and Ever-
green Ave., s e cor. Hancock St., 2 three-st'y frame
stores and dwells, tin roofs; cost, \$10,000; owners
and architects, Cozine & Gascoine, 1225 Bushwick
Ave.

Stone Ave., s w cor. Herkimer St., three-st'y frame
store and dwell, tin roof; cost, \$5,500; owners and
architects, Cozine & Gascoine, 1225 Bushwick Ave.
Cooper St., s w cor. Knickerbocker Ave., three-
st'y frame store and dwell, tin roof; cost, \$4,000;
owner, Henry Reich, Railroad Ave.; architect, Chas.
Volz, Glen St.

Bushwick Ave., e s, 50' s Boerum St., 2 three and
four-st'y frame stores and dwells, tin roofs; cost,
\$9,000; owner, Step. Ulrich, Bushwick Ave.; archi-
tects, D. Acker & Son, 752 Broadway.

Camden, N. J.—Fifth St., n w cor. Market St.,
brick store; owner, Wm. Devereux.

Chicago, Ill.—Charles Morse, two-st'y store, 150
Third Ave.; cost, \$2,200.

Peter Engles, 2 two-st'y stores and flats, 6104-6106
State St.; cost, \$8,000.

J. W. Rich, five-st'y store and flats, 293-295 Wells
St.; cost, \$25,000.

William Tride, three-st'y store and flat, 1376
North Halsted St.; cost, \$4,000.

John Cohn, 3 two-st'y stores and flats, 2827 Went-
worth Ave.; cost, \$8,000.

George B. Upp, 7 two-st'y stores and flats, Sixty-
first and Wallace Sts.; cost, \$14,000.

Martin Egan, two-st'y store and flats, Fifty-ninth
and Dearborn Sts.; cost, \$2,400.

Herman Juhnke, four-st'y store and flats, 357
West Erie St.; cost, \$18,000.

Minneapolis, Minn.—Barge & Anderson, three-st'y

BUILDING INTELLIGENCE.

brick store and flat, 8-10-12-14 North Seventh St.;
cost, \$15,000.

New York, N. Y.—Leonard St., Nos. 149-153, seven-
st'y brick, iron granite and stone store and loft
building; cost, \$150,000; owner, Mrs. Catherine Gar-
rick; architects and builders, Horgau & Slattery.

Third Ave., w s, six-st'y brick store, and Sixtieth
St., five-st'y brick building; owners, Bloomingdale
Bros.

University Pl., No. 32, two-st'y brick store, tin
roof; cost, \$5,500; owner, Samuel Hirsch, 162 East
Seventy-second St.; architects, Cleverdon & Put-
zell, 529 Broadway.

Thirtieth St., s s, 98' e Sixth Ave., two-st'y brick
store, tin roof; cost, \$4,500; owner, O. L. Jones,
Cold Spring, N. Y.; architect, M. C. Merritt, 1267
Broadway.

Hudson St., cor. Jay St., ten-st'y brick store,
brick on tile roof; cost, \$275,000; owners, American
Express Co., 56 Park Ave.; architect, Edward H.
Kendall, 150 Fifth Ave.

Third Ave., s w cor. One Hundred and Twenty-
seventh St., six-st'y brick store, tin roof; cost, \$80-
000; owner, Mary E. Norton, 154 East Sixty-first St.;
architects, Buchman & Delsler, 8 West Twenty-
ninth St.

Philadelphia, Pa.—Ontario St., s s, w A St., 2 two-
st'y stores and dwells; owner, John A. Hagan,
2941 North Third St.

Main St., s e cor. Orthodox St., three-st'y store
and office; contractors, Foulrod & Foster, 34 West
Orthodox St.

Ninth St., s e cor. Market St., seven-st'y store;
contractors, Geo. Watson & Son, 723 North Eighth
St.

St. Louis, Mo.—Three-st'y brick store and dwell;
cost, \$3,000; owner, G. Stumpp; contractor, H. H.
Christophel.

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Two-st'y brick store and rooms; cost, \$3,000;
owner, C. Jakowitz; contractors, Fred Taylor & Son.
Three-st'y brick store and dwell; cost, \$4,000;
owner, John Krieg; contractor, J. B. Schafer.
Three adjacent two-st'y brick stores and flats;
cost, \$9,000; owner, Geo. Hoeffner; contractor, Jno.
C. Hacker.

Two-st'y brick store and rooms; cost, \$2,600;
owner, W. J. Morgan; sub-let.
Three-st'y brick store and office; cost, \$3,500;
owner, Jno. H. Vette; contractors, S. Bates & Co.

TENEMENT-HOUSES.

New York, N. Y.—One Hundred and Twelfth St.,
s s, abt. 125' e First Ave., five-st'y tenement, tin
roof; cost, \$14,000; owner, Ann Reilly, 417 East One
Hundred and Fifteenth St.; architect, Jas. P.
Walther, 230 East One Hundred and Twenty-fifth St.

St. Louis, Mo.—Two-st'y brick tenement; cost, \$4-
000; owner, W. H. Schueltz; contractors, Hem-
minghaus & Vollmer.

WAREHOUSES.

Chicago, Ill.—W. T. Eaton, three-st'y warehouse,
Seventy-sixth St., near Illinois Central R. R.; cost,
\$15,000.

Chicago & Northwestern Railway Co., one-st'y
warehouse, 54-88 West Water St.; cost, \$18,000.

New York, N. Y.—East Twenty-eighth St., Nos.
218-220, four-st'y brick warehouse; cost, \$20,000;
owner, J. A. Trimble; architect, Geo. F. Pelham.

Philadelphia, Pa.—Seventh St., e s, n Cherry St.,
five-st'y warehouse; contractor, J. R. Garber, 52
North Thirteenth St.

St. Louis, Mo.—Two-st'y brick warehouse; cost,
\$2,500; owner, F. T. Bryan; contractor, L. W. Loft-
hagen.

MISCELLANEOUS.

Augusta, Ga.—The Young Men's Christian Associa-
tion has purchased a site, and will build a building,
to cost about \$30,000.

Boston, Mass.—Bedford St., Nos. 90-94, cor. King-
ston St., Ward 10, five-st'y brick mercantile build-
ing, flat roof, 31' x 45'; owners, Hannah M. Carney
et al.; builders, Emory & Stuart.

Congress St., cor. Farnsworth St., Ward 13, two-
st'y brick engine-house, flat roof, 30.6' x 87.6';
owner, City of Boston; builders, Connery & Went-
worth.

Kingston St., Nos. 43-45, Ward 10, five-st'y brick
mercantile building, 22' x 48'; owner, H. O. S.
Kuntz; builders, Emory & Stuart.

Brooklyn, N. Y.—Fifty-sixth St., end of dock at
foot of, 500' of shore line, three-st'y frame club-
house, pine-shingle roof; cost, \$13,000; owner, At-
lantic Yacht Club, on premises; architect, N. D.
Lawton, for John G. Prague.

Pulaski St., n s, 145' w Sumner Ave., one-st'y
brick wash-house for brewery, gravel roof; cost,

Sanitary Appliances

COL. GEORGE E. WARING, JR., C. E. etc., in his recent work on Sewerage and Land Drainage, in speaking of traps liable to siphonage, says: "the best remedy would be to supply the defective traps at their summits with McClellan's Mercury Seal-Trap Vent, a perfectly safe device, of little cost, simple and easy of application, and sure to supply air when needed."

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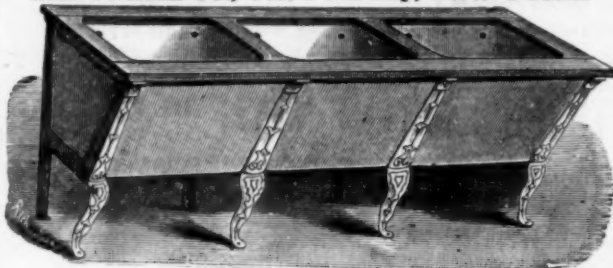


BUILDING INTELLIGENCE.

\$7,000; owner, Fred Hower, 186 Hewes St.; architect, Fred Wunder, 126 Broadway.
Pulaski St., n s, 242' w Sumner Ave., one-st'y brick boiler-house for brewery, gravel roof; cost, \$4,000; owner, Fred Hower, 186 Hewes St.; architect, Fred Wunder, 126 Broadway.
Pulaski St., n s, 148' w Sumner Ave., five-st'y brick brewery, gravel roof; cost, \$25,000; owner, Fred Hower, 186 Hewes St.; architect, Fred Wunder, 126 Broadway.
Camden, N. J.—Third St., bel. Market St., two-st'y brick building for fireproof vaults; owner, Charles McCaul, 20 North Eleventh St., Philadelphia.
Chapel Hill, N. C.—The Young Men's Christian Association will build a building, to cost about \$15,000.
Chicago, Ill.—K. K. Forrest, shop with barn, 1603 North Sangamon St.; cost, \$4,500.
Mason Loomis, foundation, 55-56 Lake Shore Drive; cost, \$2,000.
Illinois Cycling Club, three-st'y club-house, 1066-1068 Washington Boulevard; cost, \$15,000.
F. & L. Fitzgibbons, three-st'y storage and flats, 832-835 West Taylor St.; cost, \$10,000.
H. H. Belding, three-st'y halls and stores, 4308-4310 Cottage Grove Ave.; cost, \$8,000.
Hartford, Conn.—Hartford City Mission, building, given by Mrs. L. Church; cost, \$50,000; architect, G. H. Gilbert.
Holyoke, Mass.—Geo. P. Dickinson Paper Co., one-st'y machine-room, two-st'y engine-room and three-st'y finishing-room; cost, \$85,000; masons, Landon Bros.
New York, N. Y.—Suffolk St., No. 180, five-st'y brick workshop, tin roof; cost, \$6,000; owner, estate of Marguerite Livingston, 52 Third Ave.; architect, William Graul, 215 Bowery.
Philadelphia, Pa.—Adams St., n s, e Emerald St., one-st'y storehouse; contractors, Dickson Bros., 3045 Frankford Ave.
Sixth St., w s, n Cherry St. (Odd Fellows' Hall), elevator and boiler-house; contractors, W. S. Griffith & Co.
Snyder Ave., s s, e Second St., one-st'y boiler-house; owner, Jacob T. Alburger, 1307 South Sixth St.
Susquehanna Ave., e Twenty-seventh St., one-st'y slaughter-house; contractor, D. C. Schuler, 2327 North Sixth St.
Swanson St., n e cor. Snyder Ave., one-st'y iron shed; contractor, H. P. Downes, 125 Dudley St.
South Thirtieth St., No. 160, one-st'y polishing-mill; owner, Robert Wood, 43 South Thirtieth St.
Amos J. Boyden, architect, has finished plans for the electric-light station at Oak Lane. A complete plant of sufficient capacity will be furnished to supply the neighborhood.

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BUILDING INTELLIGENCE.

Providence, R. I.—Washington and Mathewson Sts., three-st'y brick block; owner, W. H. Williams. Westfield St., three-st'y brick business block; owner, Charles H. Perkins; builder, F. Johnson.

South Framingham, Mass.—Four-st'y brick building for offices and hall, flat roof, 70' x 87', to be called the "Tribune" Building; cost, abt. \$35,000; owners, C. S. McPherson & als.; builders, Wells & Tuttle, South Framingham; architect, W. Frank Hurd, Boston.

Wooton, Pa.—John Ord, architect, has plans made for Geo. W. Child's stable, the building to be an improvement upon the one recently burned.

PROPOSALS.

and a satisfactory bond for a sum equal to about one-third of the estimated amount of the contract, conditioned upon the faithful performance of the contract, will be required of the successful bidder.

The right to reject any or all proposals is reserved.
JOHN A. COLEMAN,
Commissioner of Public Works.

756

May 28, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 21st day of June, 1890, for the erection and completion (except approaches and heating apparatus) of the United States Court-House and Post-Office building at Statesville, N. C., in accordance with drawings and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$500. The Department will reject all bids received after the time fixed for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Bids must be enclosed in an envelope sealed and inscribed "Proposal for the Erection and Completion (except Approaches and Heating Apparatus) for the United States Court-House and Post-Office building at Statesville, N. C.," and addressed to JAS. H. WINDRIM, Supervising Architect.

755

May 22, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 14th day of June, 1890, for all the labor and materials required to build complete the basement and area walls and retaining walls of the United States Court-House, Post-Office, etc., building at Detroit, Mich., including trench excavation, concrete foundations, footings, etc., complete, in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$500. The Department will reject all bids received after the time fixed for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be sealed and endorsed "Proposal for Basement and Area Walls, etc., for the United States Court-House, Post-Office, etc., building at Detroit, Mich.," and addressed to JAS. H. WINDRIM, Supervising Architect.

754

May 17, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 9th day of June, 1890, for all the labor and materials required for the iron furring, lathing and plastering for the United States Court-House and Post-Office building at Pittsburgh, Pa., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$200. The Department will reject all bids received after the time fixed for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be sealed and endorsed "Proposal for Iron Furring, Lathing and Plastering for the United States Court-House and Post-Office building at Pittsburgh, Pa.," and addressed to JAS. H. WINDRIM, Supervising Architect.

753

PROPOSALS.

IMPROVED SEWERAGE SYSTEM.
[At Providence, R. I.]
DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE, CITY-HALL,
PROVIDENCE, R. I., May 29, 1890.

Sealed proposals will be received at this office until 11 o'clock A. M., Thursday, June 26, 1890, for Building Sections 1, 5, 6, 7, 8 and 9 of the Improved Sewerage System of the City of Providence, in accordance with the form of contract and specification to be furnished by the Commissioner.

All proposals must be made upon the blank forms which will be furnished for the purpose.

The work is approximately indicated as follows:

Section.	Length in feet.	Size in inches.	Average depth of cutting.	Cubic yards of masonry.
1	1043	96	12'	2900
5	2862	110 28 x 42	30'	6510
6	2948	108 26 x 30	24'	7290
7	2380	100 26 x 29 22 x 33	18'	5010
8	2376	80 20 x 30	30'	3550
9	2937	80 70 52	20'	3524

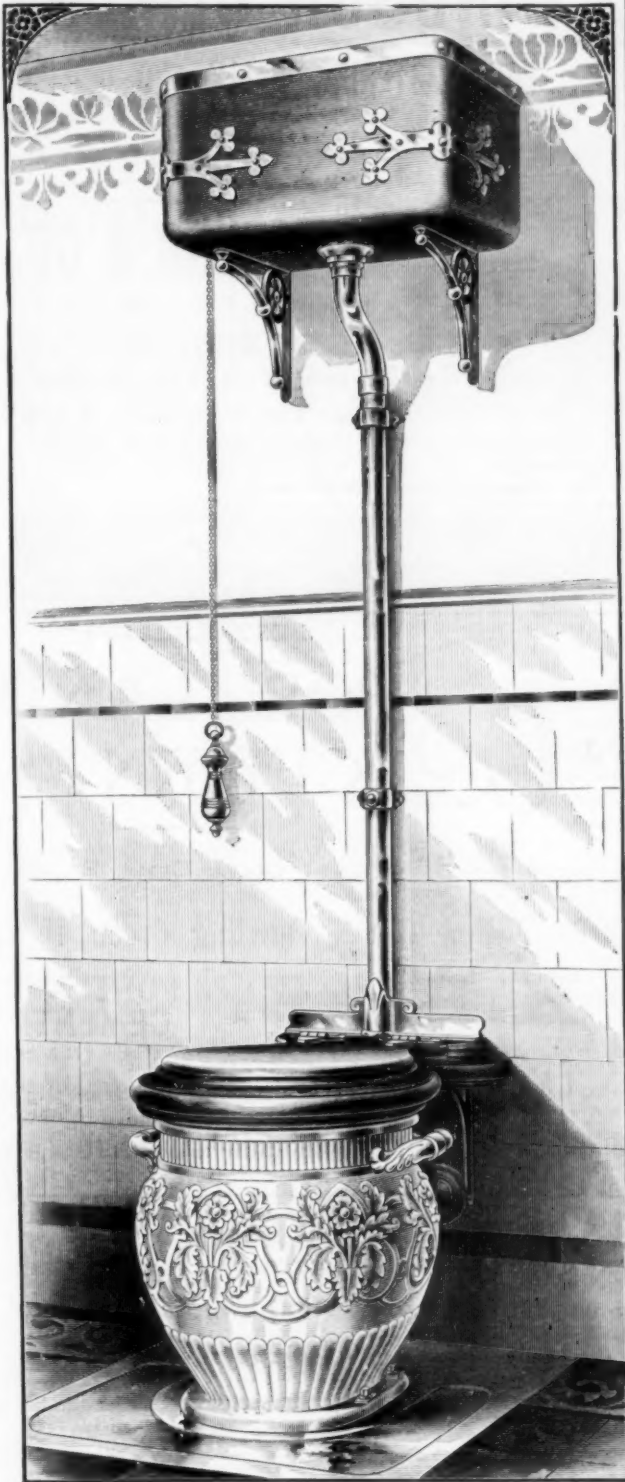
Plans may be seen and specification and form of contract can be obtained at the office of the City Engineer in Providence.

Each bidder is requested to give generally as to his business standing, and to state generally what experience he has had in such work as here proposed.

A satisfactory bond for a sum equal to about one-tenth of the estimated amount of the contract, or a certified check for an equal amount, as liquidated damages for failure to execute the contract within ten days, if awarded, must accompany each proposal.

The J. L. MOTT IRON WORKS,

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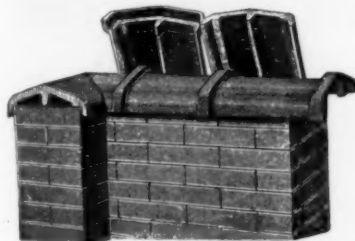
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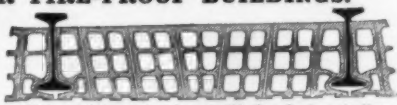
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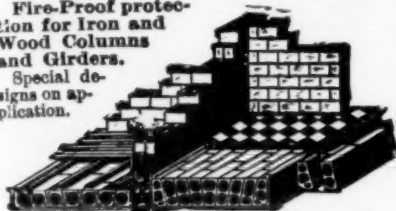
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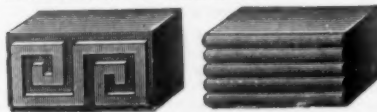
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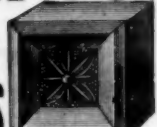
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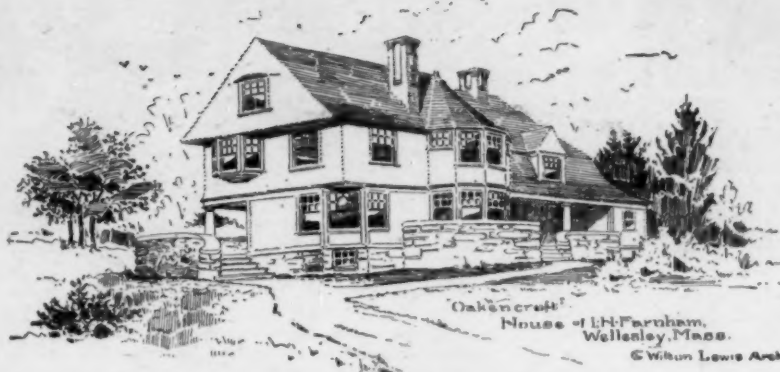
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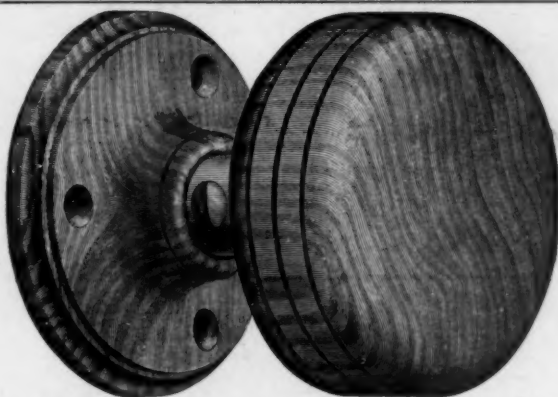
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Fig. A.

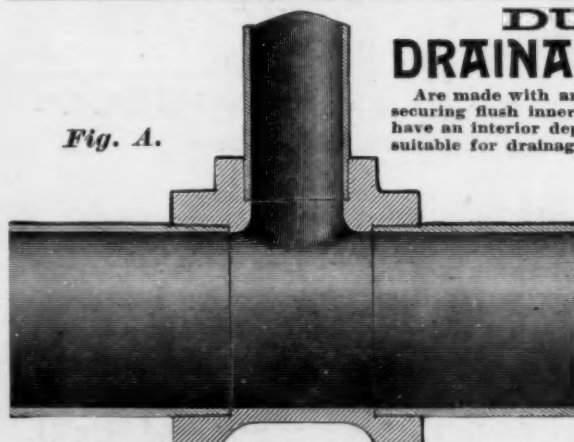
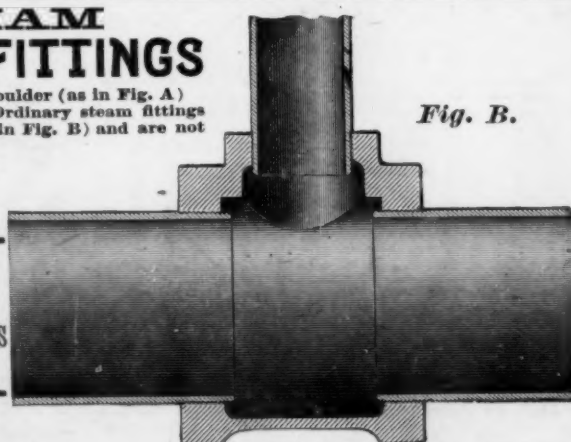


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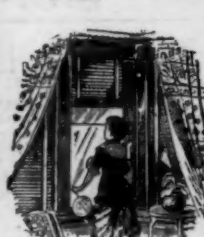
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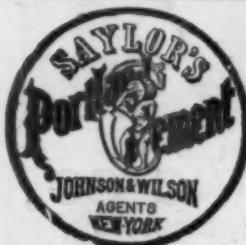
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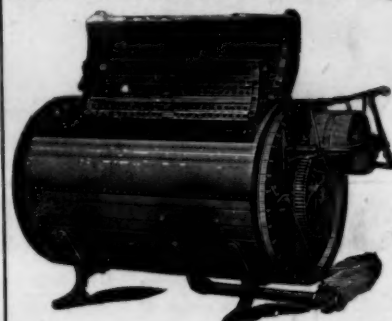
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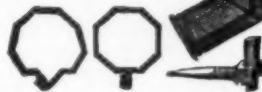
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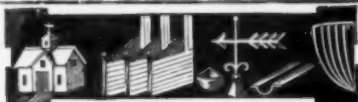
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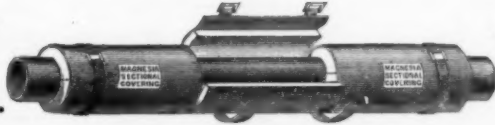
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Chicago pressed (Anderson).....		50 00 @ 50 00		Best Paving
Chicago Moulded.....				" @ 16 00
Baltimore.....	7 00 @ 41 00	Anderson		second " @ 14 00
Philadelphia.....	@ 22 00	14 00 @ 32 00		Third " @ 13 00
Trenton.....	@ 22 00			Dom. " @ 85
Milwaukee.....	@ 22 00			" @ 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 10			
Louisville.....	Not sold.	1 20 @ 1 40		
Utica, Akros, Buffalo, Milwaukee.....	2 50 @ 3 00	Brooks, S. & Co		
Portland, English (Gibbs).....	2 50 @ 3 00	2 60 @ 3 00		
" (K. B. & S.).....	2 50 @ 3 00	2 60 @ 3 00		
" " (Burham).....	2 50 @ 3 00	2 60 @ 3 00		
" " (White's).....	2 50 @ 3 00	2 60 @ 3 00		
" " (French).....	2 50 @ 3 00	2 60 @ 3 00		
" " (German).....	2 50 @ 3 00	2 60 @ 3 00		
" " (Fowler).....	2 50 @ 3 00	2 60 @ 3 00		
" " (Vorwöhler).....	2 50 @ 3 00	2 60 @ 3 00		
" " (Lagerdoerfer).....	2 50 @ 3 00	2 60 @ 3 00		
" " (Dyckerhoff).....	2 50 @ 3 00	2 60 @ 3 00		
" " (Hannover).....	2 50 @ 3 00	2 60 @ 3 00		
" " (Stettin).....	2 50 @ 3 00	2 60 @ 3 00		
" " American (Saylor's).....	2 50 @ 3 00	2 60 @ 3 00		
Roman.....	2 50 @ 3 00	2 60 @ 3 00		
Keene's coarse.....	5 75 @ 6 50	6 00 @ 6 00		
" superfine.....	9 25 @ 10 25	11 50		
LIME				
Lime of Tell.....	3 50 @ 4 00			
Hydraulic Lime.....	@ 1 45			
Chicago Lime in bulk.....				
Wisconsin.....	@ 1 00			
Rockland and Rockport, (Com.).....	@ 1 20			
Rockland and Rockport, finish.....	@ 1 20			
Kelley Island Lime, finish.....	@ 85			
State, com. cargo rates (Dom.).....	@ 1 10			
State, finishing.....	1 20 @ 1 25			
Plaster of Paris (alcined).....	1 30 @ 1 35			
" (casting).....	12 @ 15			
Hair (Cattle) & bush.....	22 @ 25			
" (Goat).....	1 00 @ 1 25			
Sand, & load.....				
STONE. (P cubic foot, rough.)				
Granite: (Maine)				
Limestone:				
Bedford.....	45 @ 1 85			
Joliet.....	@ 1 00			
Lemont.....				
Serpentine.....				

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Red, 1 lb.	3			
White, 1 lb.	175			
Foundation:				
Dimension, 100		500 1/2 ton	200	500
Block, 100		400 1/2 perch		145 1/2 250
Rubble, 100		125 1/2 150	850	
Sidestone: (1/2 sq. ft.)				
Sidewalk, 100	30 1/2 500	40 1/2 175	75 1/2 100	11 in. th. 10 1/2 25
Planed, 100	50 1/2 600	75	50 1/2 100	37 1/2 50
Sandstone,				
Longmeadow, 100	80	80 1/2 90		85 1/2 116
Kilboe, 100	90	90 1/2 110		105 1/2 135
Brown (Connecticut), 100	100 1/2 95	125 1/2 145	150 1/2 150	55 1/2 100
Amherst, 100	90 1/2 95	90 1/2 100	45 1/2 50	
Serea, 100	75 1/2 100	80 1/2 90	45 1/2 55	
Berlin, 100	75 1/2 100	80 1/2 90	55 1/2 65	
Belleville, 100	80 1/2 125	125 1/2 135	1 1/2 125	110 1/2 1
New Brunswick (Dorchester), 100	100	75 1/2 200		100 1/2 1
Oaen, 100	105	105		125 1/2 1
Carlisle, English, 100	105	105		95 1/2 1
Corso Hill (Scott), 100	105	105		
Marble: (1/2 cu. ft.)				
Lee, Mass., 100	175 1/2 250		Not sold.	200 1/2 250
Rutland, white and blue, 100	300	350 1/2 600	350 1/2 600	200 1/2 300
Sutherland Falls, 100	125 1/2 175	200	350 1/2 600	170 1/2 300
Glens Falls, black, 100			Not sold.	400 1/2 450
Italian, blue-veined, 100			Not sold.	250 1/2 275
" Sienna, 100			Not sold.	400 1/2 500
Tennessee, red, 100			Not sold.	400 1/2 600
" Knoxville, 100			Not sold.	300 1/2 400
Pennsylvania, blue, 100			Not sold.	200 1/2 300
Vermont, white, 100			350 1/2 600	225 1/2 300
Slate: Roofing (1/2 square).				
" green, 100	500 1/2 600	475 1/2 525	550 1/2 610	230 1/2 300
" unfading, 100	500 1/2 600	550 1/2 650	650 1/2 710	325 1/2 375
" purple, 100	500 1/2 600	550 1/2 650	650 1/2 710	350 1/2 450
" red, 100	500 1/2 600	1000 1/2 1100	1200 1/2 1400	750 1/2 1025
" black, Lehigh, 100	425 1/2 475		625 1/2 885	325 1/2 400
" Chapmans, 100			730 1/2 800	400 1/2 465
" Unfading Black, Monson, Me., 100	550 1/2 800	550 1/2 800	600 1/2 900	550 1/2 800
Tile, Am., 100			Not sold.	600 1/2 2500
N. Peach Bottom, warranted unfading, 100				600 1/2 675
PAINTS. (In oil, 1/2 lb.)				
White lead, Am., 100	7 1/2 7 1/2	7 1/2 7 1/2	6 1/2 7	7 1/2 7
" Zinc, 100	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2
Red lead, Am., 100	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2
" Venetian, 100	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2
Vermilion, 100	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2
Red Indian, Eng., 100	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2
Yellow Ochre, 100	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2
" Chrome, 100	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2
Green (chrome), 100	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2
Green, Paris, 100	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2
Black, lamp, 100	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2
Blue, ultramarine, 100	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2
Oil, linseed, (raw), 100	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2
" boiled, 100	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2
Turpentine, 100	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2
Varnish, coach, 100	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2
Shellac, 100	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2
Putty, 100	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2
Whiting, 100	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2
Paris white, (Eng.), 100	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2
Litharge, Am., 100	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2
Sienna (burnt), 100	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2
Umber, 100	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2	5 1/2 5 1/2
HARDWARE.				
Nails: (Per Cask.) Spikes, (wrought.)				
10d. common, 100	2 1/2 2 1/2	2 1/2 2 1/2	2 1/2 2 1/2	2 1/2 2 1/2
Shingle, 100	3 1/2 3 1/2	3 1/2 3 1/2	3 1/2 3 1/2	3 1/2 3 1/2
Lath, 100	4 1/2 4 1/2	4 1/2 4 1/2	4 1/2 4 1/2	4 1/2 4 1/2
Finishing nails according to size, 100				
(For casing nails add 10c. per keg.)				
Butts: 4" x 4", (1/2 doz. pairs.)				
Plain, 100	1 1/2 1 1/2	1 1/2 1 1/2	1 1/2 1 1/2	1 1/2 1 1/2
Japanned, 100	1 1/2 1 1/2	1 1/2 1 1/2	1 1/2 1 1/2	1 1/2 1 1/2
Acorn, Japanned, 100	1 1/2 1 1/2	1 1/2 1 1/2	1 1/2 1 1/2	1 1/2 1 1/2
Bail Tip, Boston Finish, (1/2 pair.)				
Bronze metal, 100	1 1/2 1 1/2	1 1/2 1 1/2	1 1/2 1 1/2	1 1/2 1 1/2
Brass (or supboards), 100	1 1/2 1 1/2	1 1/2 1 1/2	1 1/2 1 1/2	1 1/2 1 1/2
Ebony, 100	1 1/2 1 1/2	1 1/2 1 1/2	1 1/2 1 1/2	1 1/2 1 1/2
Apple wood, 100	1 1/2 1 1/2	1 1/2 1 1/2	1 1/2 1 1/2	1 1/2 1 1/2
Knobs: (1/2 Set.)				
Mineral, best, 100	8 1/2 8 1/2	8 1/2 8 1/2	8 1/2 8 1/2	8 1/2 8 1/2
Lava, 100	50	50	50	50
Hemacite, 100	Not sold	17 1/2 33	31 1/2 40	25 1/2 25
Porcelain, 100	30	30	25 1/2 30	100 1/2 250
Glass, solid, 100	Not sold	80 1/2 100	50 1/2 150	175 1/2 200
Glass, silvered, 100	Not sold	80 1/2 100	50 1/2 150	175 1/2 200
Bronze metal, 100	75 1/2 200	50 1/2 300	50 1/2 300	75 1/2 125
Brass, 100	100 1/2 250	50 1/2 300	100 1/2 300	135 1/2 160
Solder:				
Sheet Lead, 100				
Lead Pipe, 100				
Iron:				
I-Beams, up to and including 30 ft., 100	3 1/2 10 1/2 34	3 1/2 10 1/2	3 1/2 10 1/2	3 1/2 10 1/2
I-Beams, over 30 ft., 1/2 c. advance, 100	3 1/2 10 1/2 34	3 1/2 10 1/2	3 1/2 10 1/2	3 1/2 10 1/2
Channel-Beams, 100				

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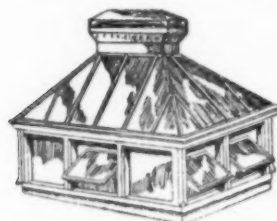
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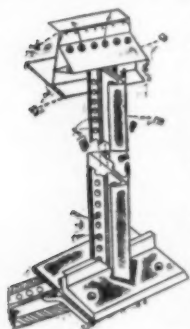
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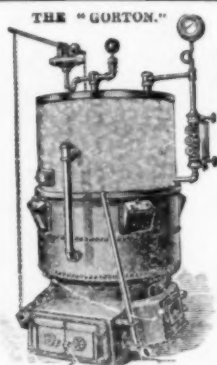
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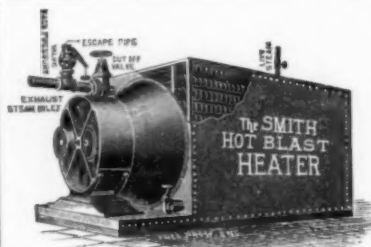
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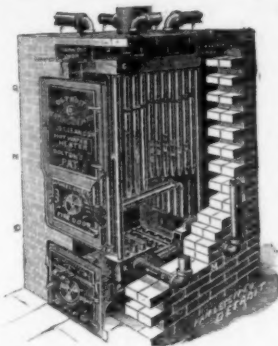
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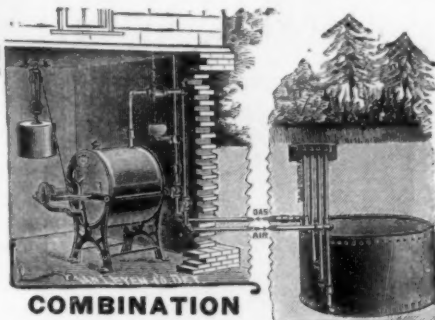


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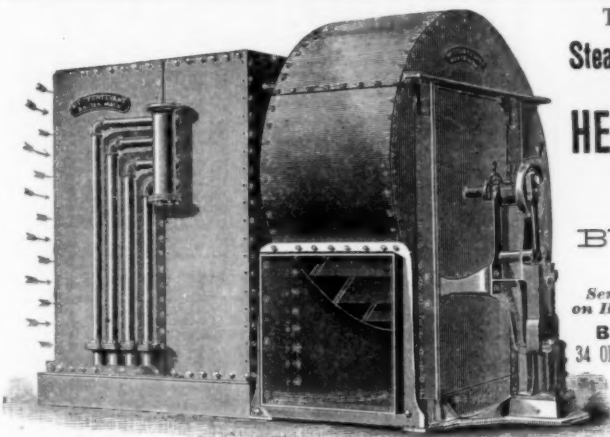
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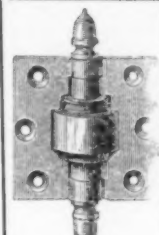
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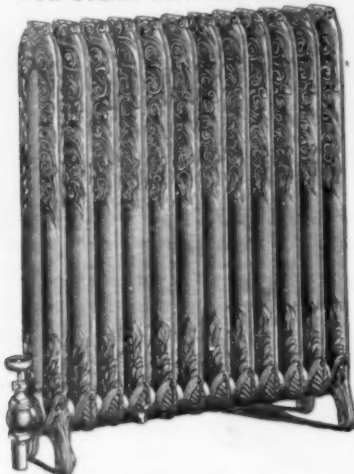
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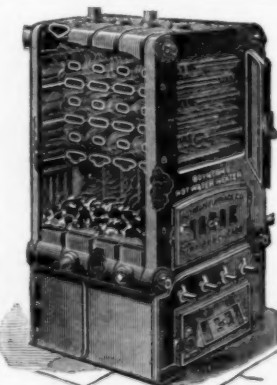
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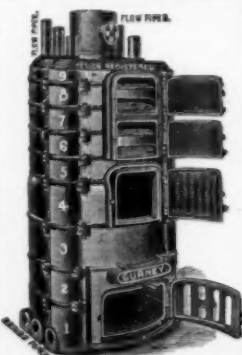
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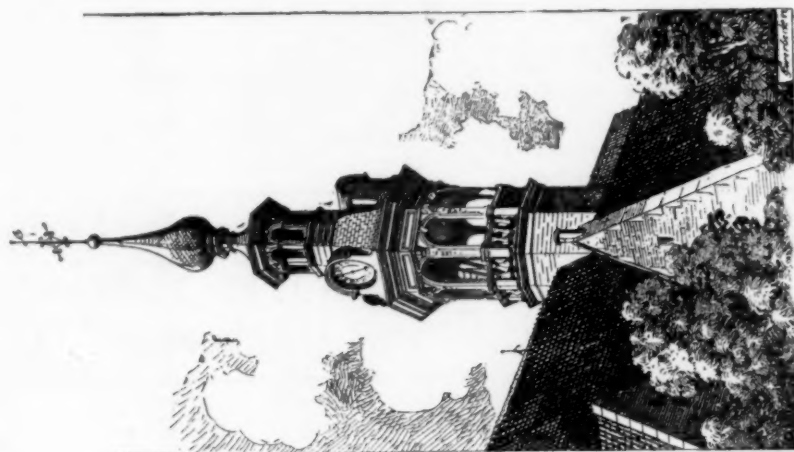
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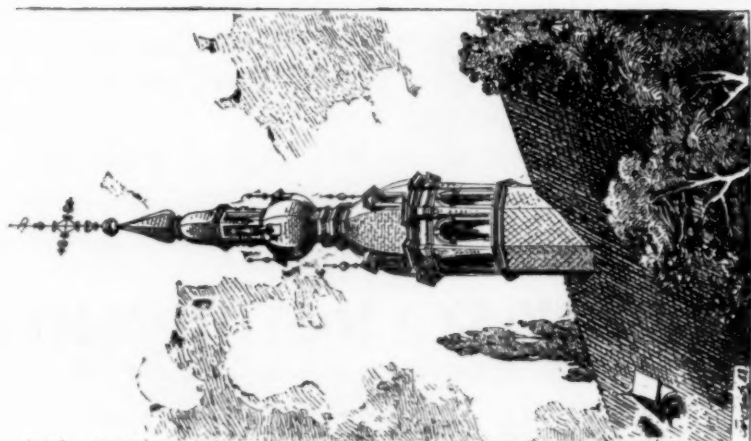
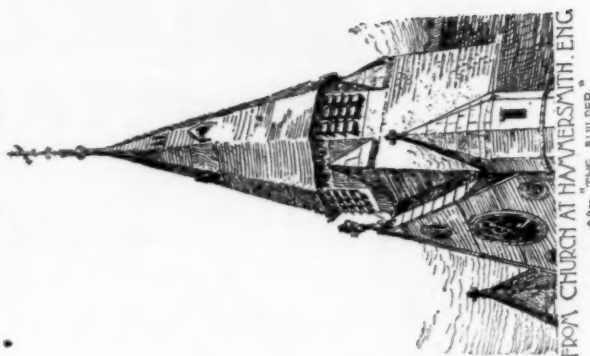
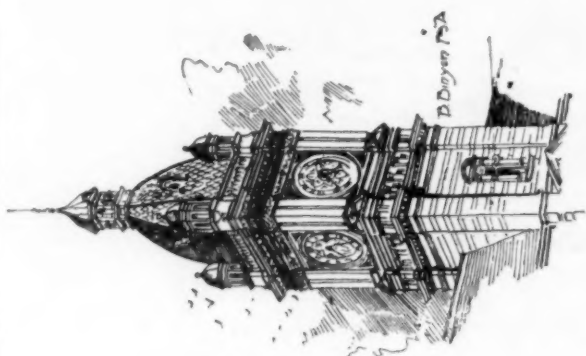
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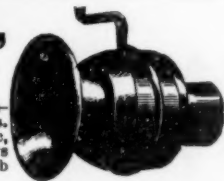


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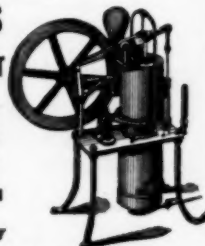
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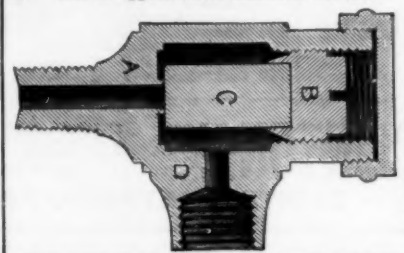
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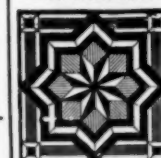
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One, two, or three coats of varnish may be required.

The last, or all or none, of these coats may be rubbed; and the rubbing may be enough to dull the surface a little, or it may be a thorough and careful job.

These are the lines along which an Architect needs to inform himself and govern himself according to facts.

But in writing specifications on varnish, as on everything else, you will save your client money by using plain language and saying what you require in the simplest way. A builder is often frightened into making an estimate out of all proportion to costs by formal language in specifications.

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The important features of our recent improvements, for which patents have been allowed in this country and in Europe, are described in our new circular, which, with samples, will be sent free by mail.

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It is supplied ready for use, in rolls of 200 square feet, and weighs with Asbestos Roof Coating, ready for shipment, about 85 pounds to 100 square feet.

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The American Architect and Building News

IS PUBLISHED EVERY SATURDAY BY

TICKNOR & COMPANY,

211 TREMONT ST., BOSTON, MASS.

For the American Architect and Building News Co.

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" " quarterly " 26.00.

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New Advertisements.

E. L. DEANE (Holyoke, Mass.), T-Square. Page iv.
HOLTZER-CABOT ELECTRIC CO. (Boston, Mass.)
Electrical Supplies. Page xv.

PERSPECTIVE DRAWING.

The American Architect Drawing-Office will undertake the preparation of perspective drawings in line or color from scale drawings, or will render drawings already in outline. Address the editors.

WANTED.

WANTED.—A building clerk (architect preferred) who is fully competent to make close estimates and to do everything necessary in erecting and modifying buildings. State salary expected and give references. Address Real Estate, P. O. Box, 364, Atlanta, Ga. 755

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POSITION.—A position in an architect's office by a young carpenter of three years' experience; would like to learn the profession from some good architect, with a view of remaining if liked; will some one correspond and make arrangements. Address "D. E.," care Editors. 755

WANTED.

DRAFTSMAN.—An experienced draughtsman; permanent engagement. Address, stating qualifications and salary, Frank P. Wright, architect, Tweddle Building, Albany, N. Y. 756

WANTED.

DRAFTSMAN.—Experienced scale and detail draughtsman. Address, with reference and terms, Fuller & Wheeler, architects, Albany, N. Y. 756

WANTED.

POSITION.—Wanted, by middle-aged Englishman, position in Boston office; a good designer, draughtsman, computer of quantities and construction; well up in fireproof construction, and accustomed to the superintendence of building work. Address "C.," 411 Columbus Avenue, Boston, Mass. 755

TWO ARCHITECTS.—High class artistic perspective in water-color, sepia or ink, English and American experience. Address Artist, 4 Alder St., Lowell, Mass. 757

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.—Devonshire St., No. 164, and Federal St., No. 19, alterations to offices, etc.; owners, Master Builders' Association.

Dudley St., No. 260, Ward 20, alter first floor of dwell. for store purposes; owner, E. F. Baker; builder, G. M. Tuft.

Brimmer St., cor. Mt. Vernon St., Ward 9, addition of wing to Church of Advent, for Sunday-school purposes; builder, L. D. Willcutt.

Brooklyn, N. Y.—Reid Ave., s w cor. Monroe St., two-sty brick church, slate roof, altered internally; cost, \$5,000; owners, James M. E. Church, G. W. Stoue, President Board of Trustees, 555 Monroe St.; architect, J. E. Brown, 686 Hancock St.

THE MITCHELL VANCE CO.,

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American Fire Insurance Co., Phila.

CASH CAPITAL.....\$500,000.00
Re-insurance Fund.....1,070,003.98
Surplus.....\$28,957.89
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See the first issue of the month for the following advertisements.

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J. J. Road.
Esterbrook Pen Co.
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Sinclair & Babson.
F. O. Norton.
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Utica Stained Glass Works.
Ramsey Engraving Co.
H. A. Williams Mfg. Co.
Geo. F. Taylor.
C. B. Demarest & Co.

BUILDING INTELLIGENCE.

Chicago, Ill.—C. G. Dugan, four-sty addition, 357 Milwaukee Ave.; cost, \$6,500.
Mrs. S. Kennicott, two-sty addition, 90 Thirty-third St.; cost, \$3,000.
Edwin Wright, three-sty rear addition, 74 Astor St.; cost, \$3,000.
George W. Gunther, one-sty addition, 1508 Thirty-fifth St.; cost, \$2,500.
H. L. Stalk, alterations, etc., 637 Monroe St.; cost, \$4,500.
Chicago Evening Post (newspaper), alterations, improvements and additions, 164-166 Washington St.; cost, \$100,000.
J. Hoffman, two-sty addition, 3544 Dashiell St.; cost, \$2,000.
Louis Weldman, two-sty addition, 557 North Paulina St.; cost, \$3,000.
Henry Siegel, four-sty addition, 213-215 State St.; cost, \$15,000.
C. B. Riley, three-sty addition, 48 Nebraska St.; cost, \$6,000.
E. Grace, two-sty addition, 251-245 Clark St.; cost, \$20,000.
Dr. N. Quales, addition to two-sty flats, 52 Fower St.; cost, \$2,000.
H. F. Waite, four-sty and basement front addition, 1246 Wabash Ave.; cost, \$10,000.
L. W. Brega, four-sty rear addition, 1461-1463 Michigan Ave.; cost, \$5,000.
Emil Eagger, three-sty addition, 10 Fry St.; cost, \$2,800.
Patrick Corliss, rear addition, 3818 Wallace St.; cost, \$2,700.
Louis Dyer, two-sty addition, 4315-4317 St. Lawrence St.; cost, \$4,000.
Ida Bayrel, two-sty addition, 18 Sedgewick St.; cost, \$2,800.

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DRAWING INSTRUMENTS.

DRAWING AND BLUE PRINT PAPERS,
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See last or next issue for the following advertisements.

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U. S. Heating and Plumbing Co.
N. & G. Taylor Co.
Richmond Stove Co.
Ridgway Furnace Co.
Somerset Potters Works Co.

BUILDING INTELLIGENCE.

C. C. Webster, two-sty addition, 474 Randolph St.; cost, \$5,000.
R. C. Rounsvall, one-sty addition, 146 State St.; cost, \$2,000.
Rosalia Cavanna, one-sty addition, 148 State St.; cost, \$2,500.
A. H. Riddell, two-sty addition, 780 West Taylor St.; cost, \$3,500.
John A. Johnson, three-sty addition, 25 Thirty-third St.; cost, \$3,000.
Chicopee, Mass.—Iverson Wheel Co., addition to mill with two L's 50' wide, and brick and stone trimmings.
Detroit, Mich.—N. Boyce, addition to brick dwell., 176 Bagg St.; cost, \$3,000.
Grand Rapids, Mich.—Repairs on Mr. W. Barnhart's dwell., stone tower, with slate and tile roofing, and some terra-cotta work, porches and brick-work; cost, abt. \$5,000; architect, W. G. Robinson.

Northampton, Mass.—Brick addition to city almshouse.

APARTMENT-HOUSES.

Boston, Mass.—East Chester Park, Nos. 59 to 63 and 65 to 69, Ward 18, 2 four-sty brick apartments, flat roofs, abt. 50' x 50'; owner, B. T. Paine; builder, G. W. Pope.

Commonwealth Ave., No. 292, Ward 11, five-sty brick apartment-house, mansard roof, 38.9' x 104.6'; owner and builder, Fred Pope.

Commonwealth Ave., Nos. 293 and 295, Ward 11, 2 six-sty brick apartments, flat roofs, 27' x 104.6';

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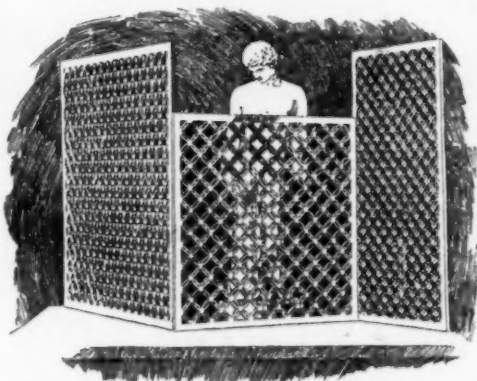
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INSURANCE CO. OF NORTH AMERICA, - - of Philadelphia.

Cash Capital.....	\$3,000,000.00
Reserve for Re-Insurance.....	2,156,781.63
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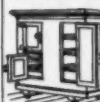
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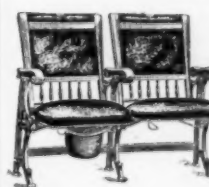
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owner, E. B. Horn; builders, Keening & Strout Bros.
Chicago, Ill.—Antonia Raggia, three-sty flat, 3200-3204 State St.; cost, \$10,000.
Otto Schrenker, two-sty flat, 469 North Hoyne Ave.; cost, \$3,500.
Alexander Watson, three-sty flat, 2415 Wabash Ave.; cost, \$6,500.
M. L. Tremor, three-sty flat, 3623 Portland Ave.; cost, \$3,500.
R. Nelson, two-sty flat, 897 Rockwell St.; cost, \$2,000.
Mrs. Archibald, two-sty flat, Atlantic and Fifty-fourth Sts.; cost, \$2,500.
Mrs. C. Nehls, two-sty flat, 3636 Bloom St.; cost, \$2,000.
E. Matchen, three-sty flat, 761 West Twentieth St.; cost, \$2,400.
Gaiel Kopp, three-sty flat, 508 Robey St.; cost, \$4,000.
Frank Falk, two-sty flat, 156 Thomas St.; cost, \$3,000.
E. F. Pulsifer, 4 four-sty flats, 2125-2243 Cottage Grove Ave.; cost, \$6,000.
Mrs. Susan Mooney, three-sty flat, 199 Forquer St.; cost, \$3,000.
H. C. Joreau, three-sty flat, 142 Lincoln St.; cost, \$6,000.
E. W. Burg, four-sty flat, 644-646 Franklin St.; cost, \$30,000.
E. W. Burg, four-sty flat, 43-45 Heman St.; cost, \$30,000.
Mrs. C. Rugler, two-sty flat, Fifty-fifth St. and Jackson Ave.; cost, \$2,500.
Walter Willis, two-sty flat, Ninety-third St. and Exchange Ave.; cost, \$2,000.
G. Herr, two-sty flat, 740 Englewood Ave.; cost, \$2,500.
G. Winnett, two-sty flat, One Hundred and Sixteenth and Howard Sts.; cost, \$2,300.
B. F. Chase, 5 two-sty flats, 3819-3827 Vernon Ave.; cost, \$23,000.
Simon Schmerzschild, two-sty flat, 3515 Stanton St.; cost, \$3,000.
John Svec, three-sty flat, 85 Fork St.; cost, \$4,500.

BUILDING INTELLIGENCE.

William Gardner, three-sty flat, 1543 West Monroe St.; cost, \$6,000.
A. Vitela, two-sty flat, West Nineteenth St.; cost, \$3,000.
E. A. Stokes, three-sty flat, 481 West Erie St.; cost, \$6,000.
Jacob Brugge, two-sty flat, 485 Robey St.; cost, \$2,000.
N. Evans, two-sty flat, 304 South Carolina Ave.; cost, \$2,000.
Mrs. Mary Havlatka, three-sty flat, 837 Fairfield Ave.; cost, \$3,000.
Lovan K. Larkin, 2 two-sty flats, 4636-4640 Evans St.; cost, \$6,000.
Mrs. Jane Leslie, three-sty flat, 83 Loomis St.; cost, \$5,600.
J. Pikufski, two-sty flat, 922 Thirty-third St.; cost, \$2,500.
Samuel Webb, 2 two-sty flats, 169-16: Sacramento Ave.; cost, \$5,000.
L. M. McKay, three-sty flat, 412 East Fortieth St.; cost, \$6,500.
William J. C. Allen, three-sty flat, 69 Warren Ave.; cost, \$6,500.
Martin Lewis, 5 three-sty flats, 1434-1442 West Monroe St.; cost, \$27,000.
S. Rosenfield, two-sty flat, 264 Webster Ave.; cost, \$5,500.
Abram Lund, three-sty flat, 30 Snell St.; cost, \$5,000.
Washington & Cogley, two-sty flats, Archer Ave. and Genesee St.; cost, \$2,000.
Cincinnati, O.—Mrs. Sophie O. Schneider, four-sty flat, Race St.; cost, \$4,000; architect, Emil Baude.
Minneapolis, Minn.—Emma S. Deane, three-sty brick flat, 708-10 South Sixth St.; cost, \$12,000.
New York, N. Y.—Madison Ave., s w cor. Ninety-first, six-sty brick flat, tin roof; cost, \$125,000; owner, John Livingston, 130 East Seventy-first St.; architects, A. B. Ogden & Son, 1031 Madison Ave.
Eighty-seventh St., n s, 100' e Tenth Ave., five-sty brick flat, tin roof; cost, \$22,000; owner, Frank Thomas, 644 Hudson St.; architects, Thom & Wilson, 1267 Broadway.
Fifth Ave., w s, 51' s One Hundred and Sixteenth

BUILDING INTELLIGENCE.

St., 2 five-sty brick flats, tin roofs; cost, \$45,000; owners, Radebold & Wenz, 22 East One Hundred and Ninth St.; architect, Edward Wenz, 1491 Third Ave.
East Forty-first St., Nos. 210-212, five-sty brick flat, tin roof; cost, \$20,000; owner, Henry W. Deane, 268 West Thirty-fourth St.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.
Rivington St., s w cor. Willett St., five-sty brick flat, tin roof; cost, \$35,000; owner, August F. Schwarzler, 1073 Fifth Ave.; architect, Edward Wenz, 1491 Third Ave.
Henry St., No. 31, five-sty brick flat, tin roof; cost, \$15,000; owner, Morris Alexander, 97 East Broadway; architect, Herman Horenberger, 99 East Third St.
Sixth St., Nos. 226-228, 2 five-sty brick flats; cost, \$40,000; owner, Jabot Hoffman, 153 Fourth Ave.
Ninetieth St., n w cor. First Ave., 6 five-sty brick flats, tin roofs; cost, \$18,000; owner, Thomas J. Jenkins, 120 West Ninety-seventh St.; architect, James Henderson, Westchester Co.
One Hundred and Fourth St., n s, 150' e Madison Ave., 2 five-sty brick flats, tin roofs; cost, \$36,000; owner, Wm. M. Thornton, 51 East One Hundredth St.; architect, H. A. Thornton, 51 East One Hundredth St.
Lawrence St., n s, 274' w One Hundred and Twenty-sixth St., 2 five-sty flats; cost, \$40,000; owner, Wm. M. Moran; architect, R. R. Davis.
One Hundred and Fifth St., s s, 180' w Fourth Ave., 3 five-sty flats; cost, \$60,000; owner, Francis Moran; architect, Andrew Spence.
Rivington St., No. 228, five-sty brick flat, tin roof; cost, \$18,000; owner, Jacob Korn, 824 Madison Ave.; architect, Alex. I. Finkle, Broadway and Spring St.
Seventy-first St., s s, 100' e Second Ave., 3 five-sty brick flats, tin roofs; cost, \$54,000; owner, William A. Wilson, One Hundred and Sixty-seventh St. and Stebbins Ave.; architect, F. Tyrrell, 16 East Ninety-second St.
Fourteenth St., s s, 88' w Avenue C, 9 five-sty brick flats, tin roofs; cost, \$180,000; owner, Wm. H. Muldoon, 304 East Eighty-first St.; architect, G. F. Pelham, 1481 Broadway.
East Seventeenth St., Nos. 114-116, six-sty brick flat, tin roof; cost, \$110,000; owner, P. N. Ramsey, 2048 Seventh Ave.; architect, G. F. Pelham, 1481 Broadway.
Boulevard, Seventieth St. and Ninth and Tenth Aves., seven-sty brick flat, tin roof; cost, \$400,000; owners, John T. and James A. Farley, 103 West Seventieth St.; architects, Thom & Wilson, 1267 Broadway.
St. Louis, Mo.—One-sty brick church; cost, \$3,400; owners, Ev. Church; contractors, I. H. Busoy & Co.
Two-sty brick flats; cost, \$4,000; owner, W. R. Pritchard; contractors, Jno. B. LaBarge & Co.

CHURCHES.

Minneapolis, Minn.—Free Baptist Society, brown-stone church, cor. Nicollet Ave. and West Fifteenth St.; cost, \$20,000.
New York, N. Y.—One Hundred and Twenty-first St., n w cor. Lenox Ave., three-sty brick church, tin

Roofing Materials.

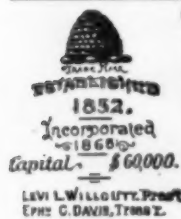
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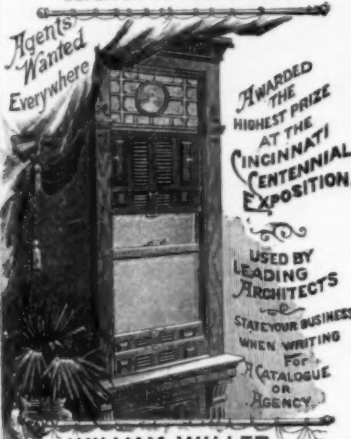
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WILLIAM WILLER
SOLE MANUFACTURER—FOURTH & CEDAR STS.
MILWAUKEE, WIS.

BUILDING INTELLIGENCE.

and slate roof; cost, \$30,000; owners, Unity Cong. Society, 122 West One Hundred and Twenty-ninth St.; architect, Chas. B. Atwood.

One Hundred and Twenty-third St., Nos. 219-221, two-sty brick church, peak tin roof; cost, \$18,000; owners, Southern New York Baptist Association, 20 East Forty-seventh St.; architect, Henry F. Kilburn, 229 Broadway.

Seventy-ninth St., n w cor. Boulevard, church; owners, First Baptist Church, Thirty-ninth St. and Park Ave.

Philadelphia, Pa.—Twelfth St., n w cor. Lehigh Ave., two-sty church; contractor, C. P. Nesbit, 425 Locust St.

FACTORIES.

Brooklyn, N. Y.—Adams St., e s, 150' s Myrtle Ave., four-sty brick factory, gravel roof; cost, \$11,000; owner, Hon. James Howell, Adams St.; architect, W. A. Mundell, Phoenix Building.

Cincinnati, O.—H. W. Amburg, three-sty manufac- tory, Twelfth St.; cost, \$6,000; architect, Jacob Rueckert.

Morrison & Snodgrass, four-sty factory, Hunt St.; cost, \$30,000; architect, John H. Boll.

New York, N. Y.—Tenth Ave., s e cor. Sixteenth St., six-sty factory; cost, \$500,000; owners, Biscuit Manufacturing Co.; architects, Romeyn & Stever.

Thirty-eighth St., s s, 75' w Tenth Ave., five-sty brick factory, tin or gravel roof; cost, \$7,000; owner, Rose Heyman, 46 East Fifty-eighth St.; architect, Geo. F. Pelham, 1481 Broadway.

St. Louis, Mo.—Four-sty brick factory; cost, \$10,- 000; owners, F. C. Riddle & Bro.; contractors, F. Kohlmeier & Son.

Three-sty factory; cost, \$20,000; owner, Thos. Reburn.

HOSPITALS.

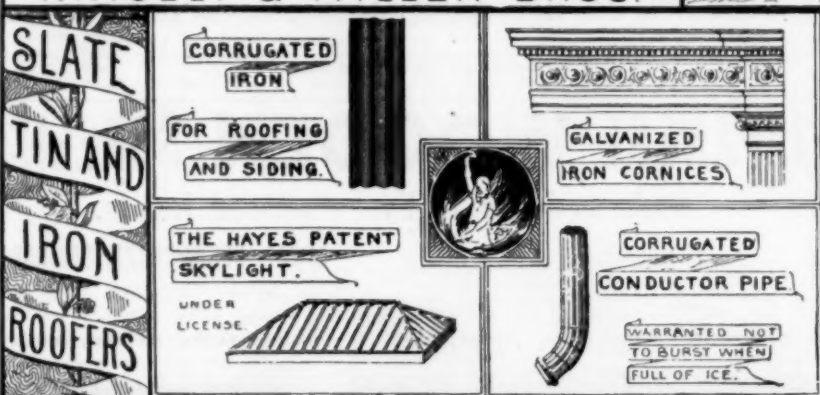
Springfield, Mass.—Infirmary Hospital, right angle in form, each arm being 83' long, brick; architects, Gardner, Payne & Gardner.

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HOTELS.

New York, N. Y.—Fifth Ave., s e cor. Fifty-ninth St., eleven-sty fireproof hotel, granite and brownstone front; cost, \$500,000; architect, R. S. Townsend.

Fifth Ave., s w cor. Thirty-third St., hotel; cost; abt. \$2,000,000; owner, William Waldorf Astor; architect, Henry J. Hardenbergh.

HOUSES.

Baltimore, Md.—Saml. T. Shipley, 14 two-sty brick buildings, n e s Cary St., bet. Gold and Baker Sts.; 6 two-sty brick buildings, n s Gold St., beg. n e cor. Carey St., and 3 two-sty brick buildings, n s Carey St., e Gold St.

Geo. Utterbough, 8 two-sty brick buildings, n s Calhoun St., bet. Gold and Baker Sts.

Theresa Trainor, three-sty brick building, n e cor. Chester St. and Blood Alley.

E. J. Gallagher, 4 two-sty brick buildings, w s Fort Alley, s Fayette St.

Jas. V. Pryor, 3 two-sty brick buildings, w s Homewood Ave., n Preston St.

Boston, Mass.—Saunders St., near North Beacon St., Ward 25, frame dwell., 22.6' x 28.6'; owner and builder, D. Baldwin.

Unnamed St., from Market St., No. 84, Ward 25, three-sty frame dwell., flat roof, 28' x 30'; owner, Thomas Tierney; builder, D. De Grace.

Spencer St., near Wheatland Ave., Ward 24, frame dwell., 25' x 47'; owner, James V. Whidden; builder, James West.

Meridian St., No. 385, Ward 1, three-sty frame dwell., flat roof, 22' x 68'; owner, W. L. Sturtevant; builder, Frank Finn.

West Eagle St., near Meridian St., Ward 1, two- sty frame dwell., mansard roof, 24' x 45'; owner, David D. Aiken; builder, G. S. Bell.

Frida St., No. 16, Ward 21, three-sty frame dwell., flat roof, 20' x 44'; owner, F. H. Kamp; builder, P. Schneider.

Thornton St., No. 73, Ward 21, three-sty frame dwell., flat roof, 23' x 43'; owner, H. Wessling.

Laurel St., near Norfolk St., Ward 24, frame dwell., 24.2' x 34'; owner, A. A. Haddock; builder, W. C. Haddock.

Custer St., cor. Goldsmith St., Ward 23, three-sty frame dwell., 23' x 41'; owner, Thos. Dolan; builder, John Gately.

Walter St., near Selwyn St., Ward 23, frame dwell., 21' x 30'; owner, S. C. Brown.

Amherst St., near Dudley Ave., Ward 23, frame

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dwell., 25' x 25'; owner, Arthur Young; builders, Hersee Bros.

Dudley Ave., cor. Birch St., Ward 23, frame dwell., 25' x 38.6'; owner, F. A. Massé; builders, McLeod & Chappelle.

Southwood St., No. 12, Ward 21, frame dwell., 23' x 28'; owner, Josephine Vogel; builders, Onrigh & Rich.

Centre St., Nos. 402-404, Ward 23, 2 three-sty frame dwells., hip roofs, 24' x 43'; owner, W. Tobin.

Edgewood St., No. 36, Ward 21, three-sty frame dwell., flat roof, 25' x 48'; owner, Celestine Fais; builder, G. Mers.

New Heath St., No. 10, rear, Ward 21, three-sty frame dwell., flat roof, 20' x 30'; owner, Henry Kiesel; builder, J. W. Priesing.

Walden St., No. 5, Ward 22, three-sty frame dwell., flat roof, 24' x 30.6'; owner and builder, T. H. Shea.

Mt. Everett St., cor. Barrington St., Ward 24, frame dwell., 27.8' x 52.6'; owner, M. D. Freeman; builder, G. A. Runnells.

Glen Road, near Harvard St., Ward 24, frame dwell., 21.8' x 36.6'; owner, W. E. Cousens; builder, J. C. Mills.

Bower St., No. 9, and No. 46, rear, Ward 21, two frame dwells., flat roofs, 25' x 48' and 22' x 37'; owner of one, L. S. Conant; builder, W. T. Eaton; owner of other, Margaret Boyd; builder, Valentine Bock.

Warren St., Nos. 379-381, cor. Bower St., Ward 21, 2 three-sty frame dwells., 27' x 46'; owner, Cheever Newhall; builder, H. H. Fernald.

Borser St., No. 100, Ward 2, frame dwell., 30' x 100'; owners, East Boston Dry Dock Co.

Blue Hill Ave., near Edgemore St., Ward 21, three-sty frame dwell., flat roof, 20' x 47.8'; owner, John Kiley; builder, David Currier.

Mansfield St., near Bradbury St., Ward 25, two frame dwells., 19' x 48'; owner, Susan Ringer; builder, Hugh Ringer.

Gardner St., near Baker St., Ward 23, frame dwell., 22' x 48'; owner, Dennis D. Cronin; builder, J. M. Kelley.

Gleason St., near White St., Ward 24, frame dwell., 24' x 34'; owner, Arthur Merritt; builder, D. G. Squire.

Brooklyn, N. Y.—Ten Eyck St., n s, 175' e Lorimer St., four-sty frame dwell., tin roof; cost, \$6,000; owner, Ernst Schaefer, 197 Leonard St.; architect, Benj. Finkensiefer, 93 Broadway.

Decatur St., n s, 180' e Sumner Ave., 5 two-sty and basement brick dwells., gravel roofs; cost, \$30,-

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000; owner, George B. Stoutenburg, 391 Jefferson Ave.; architect, John L. Young, 287 Halsey St.
Jefferson Ave., s s, 300' w Saratoga Ave., 2 two-st'y and basement brick dwells., tin roofs; cost, \$8,000; owner, George B. Blydenburg, 15 Cedar St.; architect, Ernest Dennis, 115 Hiram St.
Saratoga Ave., e s, 20' n Decatur St., 9 two-st'y and basement brick dwells., tin roofs; cost, each, \$3,000; owner, B. W. Hunt, 233 Hancock St.; architect, John E. Dwyer, 1540 Broadway.
Crown St., n s, 300' w New York Ave., 3 one-st'y brick dwells., tin roofs; cost, each, \$1,000; owner and architect, K. I. Peters, 11 Louis Pl.
Stanhope St., n s, 150' Hamburg Ave., 3 three-st'y frame dwells., tin roofs; cost, each, \$4,200; owners, Metz, Berlinger & Jaek, 254 Jefferson St.; architect, Henry Vollweiler, 14 Elm St.
McDougal St., n s, 100' w Rockaway Ave., 2 three-st'y frame dwells., tin roofs; total cost, \$10,500; owner, J. O. Whitenach, 512 Chauncey St.; architect, Henry Vollweiler, 14 Elm St.
Van Dyke St., No. 50, three-st'y frame dwell., tin roof; cost, \$4,000; owner, Mrs. Kretschmann, 39 Van Dyke St.; architect, C. M. Detlefsen, 164 Conover St.
Sheffield Ave., e s, 200' s Fulton St., 2 three-st'y frame dwells., tin roofs; cost, each, \$3,500; owner, G. H. Von Gerichten, Georgia Ave., near Atlantic Ave.; architect, Chas. Infanger, 68 Van Sclen Ave.
Metropolitan Ave., n s, 327' e Olive St., 4 four-st'y frame dwells., tin roofs; cost, each, \$4,000; owner, Anton Schaeffer, 87 Metropolitan Ave.; architect, Henry Vollweiler, 14 Elm St.
Pacific Ave., n s, 200' s Stone Ave., 3 three-st'y frame dwells., tin roofs; cost, each, \$2,000; owner, Henry Kernan, 1222 Herkimer St.; architect, John E. Dwyer, 1540 Broadway.
Linden St., n s, 80' w Wyckoff Ave., 4 three-st'y frame dwells., tin roofs; cost, \$3,500; owner, Paul Koch, Hancock and Gunner Aves.; architects, D. Acker & Son, 752 Broadway.
Cooper St., s s, 20' w Knickerbocker Ave., 5 two-st'y frame dwells., tin roofs; cost, each, \$2,200; owner, Henry Reich, Railroad Ave., near Welcken St.; architect, Charles Volz, Glen St.
Logan St., e s, 225' s Atlantic Ave., 3 two-st'y frame dwells., tin roofs; cost, each, \$2,200; owner, J. Y. Cochran, New Lots Rd.
Watkins St., e s, 25' n Riverside Ave., 2 two-st'y frame dwells., tin and soldier roofs; cost, \$2,200 each; owner, Mary E. Cook, Ridgewood Heights; architect, O. S. Folta, Hinesdale St.
McDonough St., s s, Patchen St., 3 two-st'y brick dwells., tin roofs; cost, \$5,000 each; owner, John Peirce, 243 Reid Ave.; architects, Amzi Hill & Son, 1161 Fulton St.
Halsey St., s s, 340' e Lewis Ave., 2 two-st'y brick dwells., tin roofs; cost, \$4,500 each; owner, G. H. Stevens, 542 Monroe St.; architect, J. S. Stevens, 537 Monroe St.
Palmetto St., n s, 250' e Irving Ave., three-st'y frame dwell., tin roof; cost, \$4,500; owner, Mrs. Elise Benshausen, Evergreen, L. I.; architect, B. Finkensieper, 93 Broadway.
Fulton St., s s, 200' s Stone Ave., 2 three-st'y frame dwells. and store, tin roofs; cost, \$4,500 each; owner, John Gregory, 1375 Herkimer St.; architects, Amzi Hill & Son, 1161 Fulton St.
Central Ave., s w s, 40' s e Harmon St., 3 two-st'y dwells. and stores, tin roofs; cost, \$10,000; owners, Hahn Bros., Central Ave.; architect, A. Berckmeier.
Ellery St., n s, 250' w Marcy Ave., four-st'y frame dwell. and store, tin roof; cost, \$9,000; owner, J. W. Smith, 224 South Fourth St.; architect, Frank Holmberg, 1161 Broadway.

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Bleeker St., s s, 166' w Evergreen Ave., 2 three-st'y frame dwells., tin roofs; cost, \$9,000; owner, Julius Meisner, 382 Central Ave.; architect, Th. Engelhardt, 905 Broadway.
Buffalo, N. Y.—E. Webster, brick and frame dwell.; cost, \$8,000; architects, Johnson & Archer.
H. L. Lyman, three brick dwells.; cost, \$12,000; architects, Johnson & Archer.
J. H. Clark, frame dwell.; cost, \$3,000; architects, Johnson & Archer.
Cataumet, Mass.—Frame beach dwell., 24' x 50'; owner, Joshua Crane; contract to be let; architects, Loring & Phipps, Boston.
Cincinnati, O.—Mrs. Margaret Bender, double two-and-one-half-st'y dwell., McMillan St.; cost, \$4,340; architects, Rieg & Marty.
Mrs. Nana Powers, two-st'y frame dwell., Hewitt Ave.; cost, \$1,875; architect, L. W. Waldron.
Jas. Farrell, double two-st'y frame dwell., Montgomery Road; cost, \$3,000; architect, John H. Boll.
W. H. Luebert, two-and-one-half-st'y frame dwell., Terrace St.; cost, \$3,500; architect, George Vogel.
Caroline Wichard, three-and-one-half-st'y dwell. and store, Sixth St.; cost, \$4,500; architect, Emil Baude.
N. Weiss, two-and-one-half-st'y dwell., Beach St., Walnut Hills; cost, \$8,500; architect, W. W. Franklin.
Mrs. Mueller, double two-and-one-half-st'y brick dwell., Bates Ave.; cost, \$4,000; architects, G. & A. Brink.
Anton Zimmerman, three-and-one-half-st'y and four-and-one-half-st'y dwells., McMicken Ave.; cost, \$9,000; architects, G. & A. Brink.
G. F. Burwinkel, two-and-one-half-st'y dwell., Dexter Ave.; cost, \$3,000; architect, J. H. Kuckertz.
F. R. Kuhlman, two-and-one-half-st'y dwell., Carlisle Ave.; cost, \$2,800; architects, Rieg & Marty.
Detroit, Mich.—Hess & Raseman, double brick dwell., 304-306 Wabash Ave.; cost, \$4,500.
R. Bell, 6 three-st'y brick dwells., 214-220 High St., w. and 333-335 Fourth St.; cost, \$16,000.
W. H. Holcomb, double brick dwell., 1138-1140 Third Ave.; cost, \$7,500.
D. Kiley, double frame dwell., 253 Fifth St.; cost, \$3,200.
A. C. Varney three brick dwells., 535-9 Third Ave.; cost, \$12,000; also brick dwell., 838 Trumbull Ave.; cost, \$3,000.
Malcomson & Higginbotham, brick dwell., 44 Charlotte Ave.; cost, \$5,500.
J. H. A. Haberkorn, brick dwell., 671 Trumbull Ave.; cost, \$8,000.
Holyoke, Mass.—Joseph Houstons, dwell., Pleasant St.; cost, \$10,000; contractors, Doane & Williams.
T. D. Parsons, dwell., Northampton St.; cost, \$6,000; contractors, Doane & Williams.
O. D. Ailyn, ten-room dwell.; architect, G. F. B. Alderman.
Minneapolis, Minn.—Chas. A. Cummings, two-st'y frame dwell., 2545 South Dupont Ave.; cost, \$4,000.
Chas. A. Cummings, two-st'y frame dwell., 2549 South Dupont Ave.; cost, \$4,000.
Chas. A. Cummings, two-st'y dwell., 1029 North Twenty-sixth St.; cost, \$4,000.
Chas. A. Cummings, two-st'y frame dwell., 1016 North Twenty-sixth St.; cost, \$4,000.
Wm. R. Bray, two-st'y frame dwell., 3140-42 Blaisdell Ave.; cost, \$4,000.
Wm. R. Bray, two-st'y frame dwell., 3141-43 Motor Ave.; cost, \$5,000.
John A. Bliechfeldt, two-st'y frame dwell., 904-6 Twenty-third Ave., s; cost, \$4,200.

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H. M. Little, two-st'y frame dwell., 1 East Thirty-fourth St.; cost, \$3,500.
H. L. Shepard, two-st'y frame dwell., 9 East Thirty-fourth St.; cost, \$4,000.
O. N. Ostrom, two-st'y frame dwell., 1815 Park Ave.; cost, \$10,000.
F. F. Daniels, two-st'y frame dwell., 2112 Kenwood Boulevard; cost, \$5,000.
J. M. Bartlett, 3 two-st'y frame dwells., 918-922 West Twenty-sixth St.; cost, \$12,000.
Matilda C. Berglund, two-st'y brick dwell., 901-3 Fifteenth Ave., s, and 1509 South Ninth St.; cost, \$15,000.
E. D. Blodgett, two-st'y frame dwell., 118-20 Royalston Ave.; cost, \$8,000.
W. H. Lynn, two-st'y frame dwell., 1540 Mt. Curve Ave.; cost, \$6,000.
New York, N. Y.—One Hundred and Forty-third St., s s, e Grand Boulevard, 4 three-st'y buff, brick, stone and terra-cotta dwells.; cost, \$40,000; architect, Jno. A. Hamilton.
Eightieth St., n s, 150' e Fifth Ave., four-st'y brick and stone dwell.; cost, \$75,000; owner, Samuel Boehm; architect, F. A. Minuth.
Eighty-fifth St., n s, bet. Riverside Drive and West End Ave., 5 three-st'y brick and stone dwells.; cost, \$75,000; owner, P. M. Stewart; architect, R. S. Townsend.
Washington Ave., w s, 105' n One Hundred and Seventy-second St., three-st'y brick dwell., mansard, tin and shingle roof; cost, \$10,000; owners, Francis Seward, Tremont; architect, R. M. Upjohn, 111 Broadway.
Seventieth St., n s, 100' e Ninth Ave., 5 four-st'y brick dwells., tin roofs; cost, \$122,500; owners, Charles Bueck & Co., 1187 Ninth Ave.
North Adams, Mass.—E. S. Wilkerson, stone dwell.; cost, \$18,000; architect, Wilson, Pittsfield; contractors, Porter & Hannum.
Philadelphia, Pa.—Edmund St., n s, e Orthodox St., two-st'y dwell.; contractors, Cox & Strickler, 238 Orthodox St.
Ogle St., e s, n Fountain St., 3 three-st'y dwells.; contractor, Cox, Farrell, Ogle St.
Woodbine St., n s, w Boyer St., dwell.; contractor, A. Greenway, Eighty-third St. and Buist Ave.
Krans Ave., w Pechin St., 3 two-st'y dwells.; contractor, J. W. Fitzinger, Gates St., Roxborough.
Fountain St., s s, s Pechin St., three-st'y dwell.; owner, Abram Swarthly, Fleson St., Roxborough.
Bloyd St., w s, s Chelton Ave., 8 two-st'y dwells.; owner, Chas. S. Johnson, Locust Ave., Germantown.
Sixth St., e s, n Sixty-fifth Ave., three-st'y dwell.; owner, R. J. Kirby, 425 Walnut St.
Duman St., e s, s Unruh St., and Glenlock St., w s, s Knorr St., 4 two-st'y dwells.; contractor, P. E. Costello, Tacony.
Janney St., w s, and Witte St., e s, n Ann St., 6 two-st'y dwells.; owner, Owen McArdle, 2544 East Lehigh Ave.
Sixth St., e s, n Tioga St., 2 two-st'y dwells.; contractor, L. H. Eckert, 1516 Parrish St.
Fourth St., e s, n Huntingdon St., 4 two-st'y dwells.; contractor, D. C. Schuler, 2327 North Sixth St.
Jackson St., s s, e Tenth St., two-st'y dwell.; owner, L. P. Simpson, s w cor. Nineteenth and Wharton Sts.
Morris St., s s, e Moyamensing Ave., 4 three-st'y dwells.; owner, J. C. Sneden, 1234 Reed St.
Meredith St., s s, e Twenty-sixth St., 6 two-st'y dwells.; contractor, W. L. Atkinson, 2214 Wallace St.
Lehigh Ave., n s, w Fifth St., 4 two-st'y dwells.; owner, George Mander, Oak Lane.
Fountain St., s s, w Pechin St., three-st'y dwell.; owner, Abram Swarthly, Fleson St.
Tabor St., n s, w New Second St., three-st'y dwell.; contractor, W. S. Sayde, Cheltenham, Pa.
Kram St., n s, e Queen La., 6 two-st'y dwells.; owner, H. J. Becker, 3537 Fairview Ave.
Spring St., n s, e Walnut La., 2 two-st'y dwells.; contractor, Thos. Watts, Nice Ave.
Fairmount Ave., n s, w Thirty-sixth St., 6 three-st'y dwells.; owner, W. J. Shedwick, 618 North Thirty-fourth St.
Eightieth St., n w cor. Suffolk Ave., two-st'y dwell.; contrac. or, Geo. Kyle, Seventy-fifth St. and Avenue F.
Mulberry St., n s, w Sixtieth St., 3 two-st'y dwells.; contractor, Geo. W. Steinmetz, Sixty-and-one-half and Hamilton Sts.
Paschall Ave., s s, e Hanson St., 15 two-st'y dwells.; owner, W. S. P. Shields, 735 Walnut St.

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Springfield, Mass.—Wellesly St., double dwell.;
cost, \$6,000; owner, Henry C. Burdick; architect,
J. M. Currier; builder, M. Hoag.

St. Louis, Mo.—Three st'y brick dwell.; cost, \$9,000;
owner, L. S. Taylor; contractor, H. L. Hoffman.

Two-st'y brick dwell.; cost, \$4,000; owner, Mrs.
Olney; contractors, J. W. Barnes & Co.

Two-st'y brick dwell.; cost, \$5,500; owner, C.
Kuhn; contractor, M. Dunn.

Two-st'y brick dwell.; cost, \$7,000; owner, M.
Forster; contractor, A. H. Haesseler.

Two-st'y brick dwell.; cost, \$14,000; owner, C.
Schneider; contractor, A. H. Haesseler.

Wheeling, W. Va.—Frame dwell.; cost, abt. \$2,700;
owner, George K. Leasure; architect, J. B. Hall;
contract not let.

OFFICE-BUILDINGS.

New York, N. Y.—Contractors are now estimating
on the office-building to be built for the Mail and
Express on Broadway and Fulton St.

Springfield, Mass.—T. M. & W. B. Walker, five-st'y
business block, brick and stone trimmings; archi-
tects, Fuller & Delano, Worcester.

PUBLIC BUILDINGS.

New York, N. Y.—Architect Jno. W. Marshall is
completing plans for the frame buildings to be built
for the reception of emigrants by the Treasury De-
partment on Ellis Island, to cost \$150,000.

SCHOOL-HOUSES.

Dalton, Mass.—Three-st'y brick school-house; cost,
abt. \$20,000; architect, Wilson, Pittsfield.

STABLES.

New York, N. Y.—Seventy-sixth St., n s, 100' w
Eighth Ave., 3 two-st'y brick stables, tin roofs; cost,
\$33,000; owner, William B. Baldwin, 11 West
Seventy-fourth St.; architect, Geo. B. Pelham, 1481
Broadway.

East Seventy-third St., No. 170, three-st'y brick
stable, tin roof; cost, \$12,000; owner, Frank P. Per-
kins, Irvington, N. Y.; architect, Frank Wennemer,
204 East Eighty-sixth St.

Eighty-fifth St., n s, 225' w West End Ave., two-
st'y brick stable, tin roof; cost, \$8,000; owner,
Richard F. Camman, 430 West End Ave.; architects,
D. & J. Jardine, 1262 Broadway.

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Philadelphia, Pa.—Laurel St., No. 46, two-st'y
stable; owner, Dr. Mansfield, Main St., near Chelton
Ave.

Chelton Ave., n s, w Chew St., two-st'y stable;
contractor, L. O'Brien, 340 Woodbine Ave.

Eaglefield Ave., n s, e Fortieth St., two-st'y
stable; owner, John Lynch, 3926 Girard Ave.

Uber St., w s, a Berks St., two-st'y stable; con-
tractor, S. B. McDowell, 2144 North Twentieth St.

Newcomb St., s s, e Eighteenth St., two-st'y stable;
contractor, James Mole, 1707 Downton St.

Penn St., No. 4433, rear, two-st'y stable; con-
tractor, George Duvall, Oxford St., near Mulberry
St.

Belgrade St., e s, n Marlborough St., two-st'y
stable; contractors, Stewart Bros., 2527 North Fifth
St.

Susquehanna Ave., s s, w Seventeenth St., three-
st'y stable; contractor, T. H. Sanford, 2113 North
Seventeenth St.

Pallas St., No. 1608, two-st'y stable; owner,
Robert Briggs, 1711 Passyunk Ave.

Broad St., s e cor. Snyder Ave., one-st'y stable;
owners, Coll Bros., 233 South Twentieth St.

Tenor St., s s, w Fourth St., two-st'y stable and
shop; contractor, R. W. Strode, 2131 Vine St.

Springfield, Mass.—D. B. Wesson, two-st'y brick
stable, granite trimmings, with L, 25' x 40'; archi-
tects, Richmond & Seabury.

STORES.

Brooklyn, N. Y.—South Eighth St., s s, 66' e Wythe
Ave., four-st'y brick store and dwell., tin roof; cost,
\$8,000; owner, J. Hoeft, 68 South Eighth St.; archi-
tect, Benj. Finkensieffer, 93 Broadway.

Fourth Ave., w s, from Thirteenth to Fourteenth
St., 7 four-st'y double stores and dwells., tin roofs;
cost, \$100,000; owners, Norris & Bowers, 246 Thir-
teenth St.; architect, Wm. H. Norris, 246 Thir-
teenth St.

Broadway, e s, 75' s Schaffer St., four-st'y store
and dwell., tin roof; cost, \$10,000; owner, George

BUILDING INTELLIGENCE.

Koch, 607 Kosciuszko St.; architect, F. J. Helmle,
77 Rodney St.

Morgan Ave., n w cor. Ingraham St., three-st'y
frame store and dwell., and frame dwell., tin roofs;
total cost, \$9,500; owner, N. Vetter, 158 Boreum
St.; architect, A. Herbert, 145 Broadway.

Chicago, Ill.—John Spengler, four-st'y store, flats
and barn, 2614-2616 West Fourteenth St.; cost, \$18,-
000.

Theodore Dual, two-st'y store and dwell., 6566
State St.; cost, \$2,200.

C. P. McAvary, two-st'y store and dwell., 3000
Hanover St.; cost, \$6,000.

Albert Kalkusa, 3 four-st'y stores and flats, 595-
599 Throop St.; cost, \$22,000.

William Wilgenbury, three-st'y store and flats,
947-951 West Lake St.; cost, \$16,000.

I. D. Long, four-st'y store and flats, 1318 Wabash
Ave.; cost, \$6,000.

Mrs. Margaret Brown, three-st'y store and flats,
869 West Indiana St.; cost, \$3,500.

Miss Daisy Holladay, three-st'y store and flats,
204 West Adams St.; cost, \$6,000.

Charles Tambman, three-st'y store and flats, 334
Hastings St.; cost, \$7,000.

B. Stucker, three-st'y store and flats, 2926 Wal-
lace St.; cost, \$6,000.

Daniel A. Durham, two-st'y store and dwell.,
Armitage and Durham Aves.; cost, \$15,000.

Andrew Block, two-st'y store, 8920 Commercial
Ave.; cost, \$2,800.

Henry B. Ebnan, three-st'y store and hall, 4119
Lake St.; cost, \$6,000.

James Flemming, 2 four-st'y stores and flats, 506-
508 Indiana St.; cost, \$10,000.

I. G. O'Neill, two-st'y store and dwell., 2106
Thirty-eighth St.; cost, \$2,300.

J. J. F. Gubbins, three-st'y store and flats,
Western Ave. and Rebecca St.; cost, \$10,000.

C. A. Stettler, three-st'y store and flats, 795 West
Twelfth St.; cost, \$5,000.

Engles & Cox, five stores and flats, 2601-2613 Calu-
met Ave.; cost, \$150,000.

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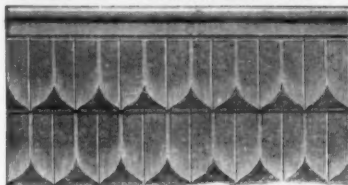
For full information, addresses of Works in operation, and shop rights, apply to

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O. HEWLETT. } New YorkBook giving strength of wrought-iron girders, beams,
and cast-iron columns mailed on application.**BUILDING INTELLIGENCE.**

F. Frieburg, three-sty store and flats, 180 Henry St.; cost, \$7,500.
N. Meyers, three-sty store and flats, 72 East Chicago Ave.; cost, \$4,000.
J. T. Hanna, three-sty store and flats, Seventy-ninth St., bet. Wright St. and railroad tracks; cost, \$5,000.

L. Patterson, 2 three-sty stores and flats, 5761-5763 State St.; cost, \$8,000.
Miss Carrie Son, 3 two-sty stores and flats, 5837-5839 Wentworth Ave.; cost, \$3,000.

J. B. Rushland, two-sty store and flats, Third Ave. and One Hundred and Second St.; cost, \$2,500.
C. B. Williams, four-sty stores and flats, 197-199 Wells St.; cost, \$45,000.

J. A. Coleman, 3 four-sty stores, flats and barn, 536-538 Wabash Ave.; cost, \$65,000.
H. Braunmoller, four-sty stores, flats and hall, 255 West Randolph St.; cost, \$15,000.

C. F. Ketterhaus, three-sty store and flats, 907 Clybourn Ave.; cost, \$6,500.

Cincinnati, O.—Henry Kline, four-sty stores and flats, Race St.; cost, \$6,000; architect, E. Baude.
F. C. Blicke & Co., three-sty store and warehouse, Hamilton Pike; cost, \$5,500; architect, Henry Jacob.

Detroit, Mich.—Bunting & Sigmann, brick store, 736 Grand River Ave.; cost, \$3,000.

Minneapolis, Minn.—A. K. Tubbs, three-sty brick stores and flats, 1315-17 n e Fifth St.; cost, \$30,000.
Northern Light Lodge, two-sty brick stores and lodge-rooms, 2025-27 Harrison St., n e; cost, \$10,000.

Chas. Filtean, three-sty brick store and flat, 2-4 West Lake St.; cost, \$28,500.
Wm. Sexton, brick stores, Tenth Ave., s, and Washington Ave.; cost, \$50,000.

Wetmore & McMillian, two-sty brick stores, 112-147 Second St.; cost, \$9,000.

New York, N. Y.—West Fourth St., No. 21-29, 2 six-sty brick stores, tin roofs; cost, \$170,000; owners, Louis & Saml. Sachs, 112-114 Pine St.; architect, Richard Berger, 110 Leonard St.

East Seventy-seventh St., No. 245, one-sty brick store, tin roof; cost, \$4,000; owner, Elizabeth Schramm, 1319 Third Ave.; architect, Charles Stegmayer, 306 East Eighty-second St.

Philadelphia, Pa.—Jackson St., s s, e Tenth St., two-sty store and dwell.; owner, L. P. Simpson, Nineteenth and Wharton Sts.

Leicester Ave., n w cor. Kershaw Ave., 4 two-sty stores and dwell.; owner, H. M. Boyd, 30 North Seventh St.

Leverson Ave., e s, n Pechin St., three-sty store and dwell.; owner, J. O. Holgate, Roxborough.

St. Louis, Mo.—Three-sty brick store, hall and office; cost, \$20,000; owner, Jno. W. Howard; contractor, B. Weber.

Two-sty and mansard brick store and dwell.; cost, \$7,000; owner, P. Holden; contractor, R. J. Loyd.

Three-sty brick store and dwell.; cost, \$10,000; owner, S. H. Geisel; contractor, H. W. Boone.

Two-sty brick store and dwell.; cost, \$2,500; owner, K. Herkenhoff; contractor, W. Herkenhoff.

Three-sty brick store and dwell.; cost, \$6,500; owner, Frank Stepp; contractors, Paulus & Weidemuller.

Three-sty brick store and dwell.; cost, \$4,400; owner, Wm. J. Masterson; contractors, Moran & Daugherty.

BUILDING INTELLIGENCE.

Three-sty brick store and dwell.; cost, \$30,000; owner, J. M. Hayes; contractors, Itner & Spore.
Two-sty brick store and dwell.; cost, \$3,600; owner, Constant Beffa; contractor, W. C. Kaiser.

TENEMENT-HOUSES.

Cincinnati, O.—Anton Doerlin, three-and-one-half-sty tenement, Pendleton St.; cost, \$4,000; architects, G. & A. Brink.

Holyoke (Elmwood), Mass.—Neitherwood & Ives, two tenements; cost, each, \$3,000; contractor, J. St. John.

Minneapolis, Minn.—Geo. H. Millward, three-sty brick tenement, cor. Chestnut Ave. and Twelfth St.; cost, \$40,000.

New York, N. Y.—Clarkson St., No. 167, and Washington St., No. 584, 2 five-sty brick tenements, metal roofs; cost, \$20,000, owner, Patrick S. Kelly, 137 West Fifth Ave.; architect, Jno. B. Snook & Son, 12 Chamber St.

WAREHOUSES.

Baltimore, Md.—Jno. G. Maier & Son will build a three-sty brick warehouse, e s Frederick St., bet. Gay and Fayette Sts.

Brooklyn, N. Y.—South Sixth St., e s, 100' n Bedford Ave., five-sty brick warehouse for plumbing goods, tin roof; cost, \$4,000; owner, Jacob Jamer, 85 John St., New York; architect, Henry Vollweiler, 14 Elm St.

MISCELLANEOUS.

Detroit, Mich.—A. C. Varney, two-sty brick laboratory, 501-503 Quoin St.; cost, \$12,000.

Minneapolis, Minn.—City of Minneapolis, two-sty brick hose-house, cor. Chicago Ave. and East Thirty-fifth St.; cost, \$7,500.

City of Minneapolis, two-sty brick hose-house, cor. Fifth Ave., n e James Ave.; cost, \$7,500.

Minneapolis St. Railway Co., one-sty frame car-house, Thirty-second St. and Bloomington Ave.; cost, \$15,000.

COMPETITION.**SCHOOL-HOUSE.**

[At Pineville, Ky.]

PINEVILLE, KY., June 12, 1890.

The School Trustees of Pineville, Ky., will pay \$250 for acceptable plan and specifications complete, for a \$12,000 school-house, of brick with stone foundation, for graded school, to hold 340 to 400 pupils.

Architects wishing to submit plans, will do so at once, or write for further information.

Rejected plans returned free of charge.

758

JOHN Q. PEARCE,
Chairman Building of Trustees.**PROPOSALS.**

June 10, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock p. m. on the 21st day of June, 1890, for furnishing and delivering at freight-depot in city where required fire-proof safes, etc., required for the United States Government Buildings at the following cities: Atlanta, Ga.; Augusta, Me.; Cleveland, O.; Columbus, O.; Concord, N. H.; Des Moines, Ia.; Jackson, Tenn.; Knoxville, Tenn.; Kansas City, Mo.; Lincoln, Neb.;

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PROPOSALS.

Lexington, Ky.; Minneapolis, Minn.; Newark, N. J.; New Haven, Conn.; Oshkosh, Wis.; Omaha, Neb.; Reading, Pa.; St. Paul, Minn.; Shreveport, La.; Toledo, O., and Utica, N. Y., in accordance with the specification, copies of which may be had on application at this office. Bids for one or all the safes required must be accompanied by a certified check for \$100. The Department will reject all bids received after the time fixed for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be sealed and endorsed "Proposal for Safes for Government Buildings," and addressed to JAS. H. WINDRIM, Supervising Architect.

June 4, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock p. m. on the 24th day of July, 1890, for all the labor and materials required to erect, complete, the buildings of the United States Marine Hospital at Evansville, Ind. (except heating apparatus), in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$500. The Department will reject all bids received after the time fixed for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be sealed and endorsed "Proposal for United States Marine Hospital Buildings at Evansville, Ind.," and addressed to JAS. H. WINDRIM, Supervising Architect.

May 28, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock p. m. on the 21st day of June, 1890, for the erection and completion (except approaches and heating apparatus) of the United States Court-House and Post-Office building at Statesville, N. C., in accordance with drawings and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$500. The Department will reject all bids received after the time fixed for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Bids must be enclosed in an envelope sealed and indorsed "Proposal for the Erection and Completion (except Approaches and Heating Apparatus) for the United States Court-House and Post-Office building at Statesville, N. C.," and addressed to JAS. H. WINDRIM, Supervising Architect.

June 4, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock p. m. on the 28th day of June, 1890, for all the labor and materials required in the erection and completion of the United States Court-House and Post-Office building at Texarkana, Ark.-Tex. (heating apparatus and approaches not included), in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the

Sanitary Appliances

COL. GEORGE E. WAR-
ING, JR., C. E. etc., in his
recent work on Sewerage and
Land Drainage, in speaking of
traps liable to siphonage, says:
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their summits with McClellan's
Mercury Seal-Trap Vent, a per-
fectly safe device, of little cost,
simple and easy of application,
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needed."

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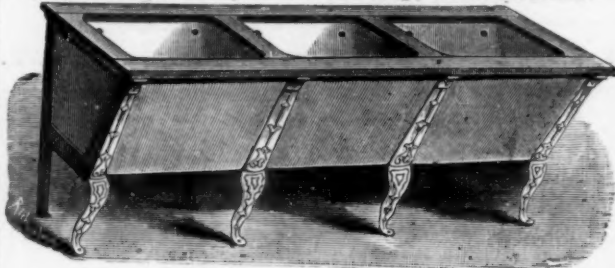
PROPOSALS.

Superintendent. Each bid must be accompanied by
a certified check for \$500. The Department will
reject all bids received after the time fixed for open-
ing the same; also, bids which do not comply strictly
with all the requirements of this invitation. Propo-
sals must be sealed and endorsed "Proposal for the
Erection and Completion (except Heating Apparatus
and Approaches) of the United States Court-House
and Post-Office building at Texarkana, Ark.-Tex." and
addressed to JAMES H. WINDRIM, Supervising
Architect. 756

City of Boston. Sealed proposals, addressed to
Hon. Thomas N. Hart, Mayor, and indorsed "Propo-
sal for the Erection of a Library Building, City
Hospital," will be received at the office of the City
Architect, City-Hall, Boston, until 12 o'clock M.,
June 16, 1890, and at that time will be publicly opened
and read in the Mayor's office. The prices pro-
posed must be stated both in writing and in figures,
and all proposals containing bids not called for in
this advertisement will be considered informal. Each
bid must be signed by the bidder and accompanied by
a properly certified check for \$500, payable to the
city of Boston, said check to be returned to the bidder
unless forfeited under the condition herein stipu-
lated. The amount and character of the securities
for the fulfillment of the contract will be determined
by the City Architect after the proposals are opened.
If a bond is required with the contract, the sureties
thereon must be residents of Massachusetts and satis-
factory to the City Architect. The person or persons
to whom the contract may be awarded will be re-
quired to appear at this office, with securities offered
by him or them, and execute the contract within four
days (not including Sunday) from the date of notifica-
tion of such award, and the preparation and readiness
for signature of the contract; and, in case of failure
to do so, he or they will be considered as having
abandoned it, and the check accompanying the propo-
sals shall be forfeited to the city of Boston. Specifi-
cations and plans may be seen at the office of the
City Architect, City-Hall, and the proposals are to be
filled out on blank forms to be obtained at this office.
The City Architect reserves the right to reject any or
all bids, should he deem it for the interest of the city
of Boston so to do. H. H. ATWOOD, City Architect.
755

June 4, 1890. 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 18th day of June, 1890, for all the labor and mate-
rial required to fix in place complete the low-pressure,
steam-heating apparatus required for the United
States Custom-House and Post-Office building at
Plattsburgh, N. Y., in accordance with the drawings
and specification, copies of which may be had on
application at this office or the office of the Superin-
tendent. Each bid must be accompanied by a certi-

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Made of same material as the tubs. Very strong, well glazed, no labor required to keep clean.
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SOLID WHITE
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The only Perfect San-
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VERY STRONG.
No seams to open. Ab-
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cured for all time.
WELL GLAZED.
Will not absorb, leak or decay.

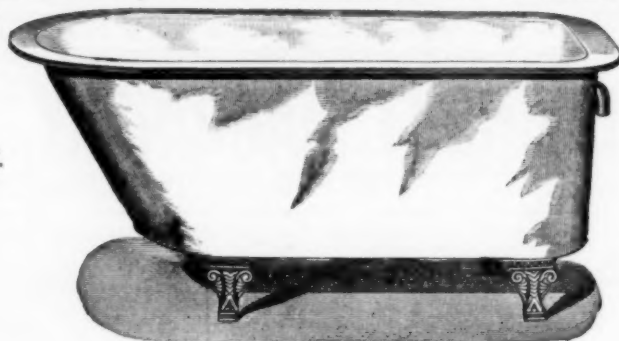
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PROPOSALS.

fed check for \$100. The Department will reject all
bids received after the time fixed for opening the
same; also, bids which do not comply strictly with
all the requirements of this invitation. Bids must be
enclosed in an envelope sealed and endorsed "Propo-
sal for Low-Pressure, Steam-Heating Apparatus
for the United States Custom-House and Post-Office
building at Plattsburgh, N. Y.," and addressed to
JAS. H. WINDRIM, Supervising Architect.
755

IMPROVED SEWERAGE SYSTEM.
[At Providence, R. I.]
DEPARTMENT OF PUBLIC WORKS,
COMMISSIONERS' OFFICE, CITY-HALL,
PROVIDENCE, R. I., May 29, 1890.

Sealed proposals will be received at this office until
11 o'clock A. M., Thursday, June 26, 1890, for
Building Sections 1, 5, 6, 7, 8 and 9 of the Improved
Sewerage System of the City of Providence, in accor-
dance with the form of contract and specification to be
furnished by the Commissioner.
All proposals must be made upon the blank forms
which will be furnished for the purpose.
The work is approximately indicated as follows:

Section.	Length in feet.	Size in inches.	Average depth of cutting.	Cubic yards of masonry.
1	1043	96	12'	2900
5	2862	110 28 x 42	30'	6510
6	2948	108 26 x 39	24'	7290
7	2380	100 26 x 39 22 x 33	18'	5010
8	2376	80 20 x 30	20'	3550
9	2337	80 18 x 27 10 52	20'	3524

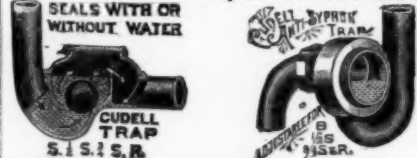
Plans may be seen and specification and form of
contract can be obtained at the office of the City
Engineer in Providence.

Each bidder is requested to give references as to his
business standing, and to state generally what experi-
ence he has had in such work as here proposed.

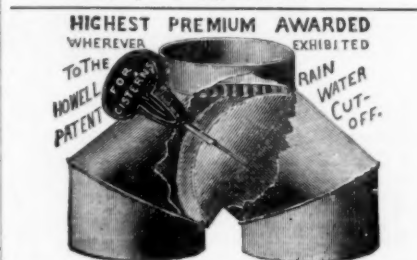
A satisfactory bond for a sum equal to about one-
tenth of the estimated amount of the contract, or a
certified check for an equal amount, as liquidated
damages for failure to execute the contract within
ten days, if awarded, must accompany each proposal,
and a satisfactory bond for a sum equal to about one-
third of the estimated amount of the contract, condi-
tioned upon the faithful performance of the contract,
will be required of the successful bidder.

The right to reject any or all proposals is reserved.
JOHN A. COLEMAN,
Commissioner of Public Works.
756

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**F. E. CUDELL'S
PATENT SEWER-GAS AND BACK-WATER TRAP,**
For Wash-Bowls, Sinks, Bath and Wash-Tubs.
204 Superior St., Cleveland, O.



G. W. HOWELL,
MANUFACTURER,
632 Madison Ave., Covington, Ky.

PROPOSALS.

June 7, 1890. 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 27th day of June, 1890, for furnishing and putting
in place complete the iron floor, ceiling and roof con-
struction, iron columns with terra-cotta covering,
brick and terra-cotta floor and ceiling arches, sky-
lights, constructive iron-work of stairs, wood-sheath-
ing, terra-cotta tiles, slate and copper work of roofs,
down-pipes, etc., required for the United States
Court-House and Post-Office building at Birmingham,
Ala., in accordance with the drawings and specifi-
cation, copies of which may be had on application at
this office and the office of the Superintendent. Each
bid must be accompanied by a certified check for \$100.
The Department will reject all bids received after the
time fixed for opening the same; also, bids which do
not comply strictly with all the requirements of this
invitation. Proposals must be sealed and endorsed
"Proposal for Iron Floor, Ceiling and Roof Con-
struction, Iron-work of Stairs, etc., of the United
States Court-House and Post-Office building at Bir-
mingham, Ala.," and addressed to JAS. H. WIN-
DRIM, Supervising Architect. 756

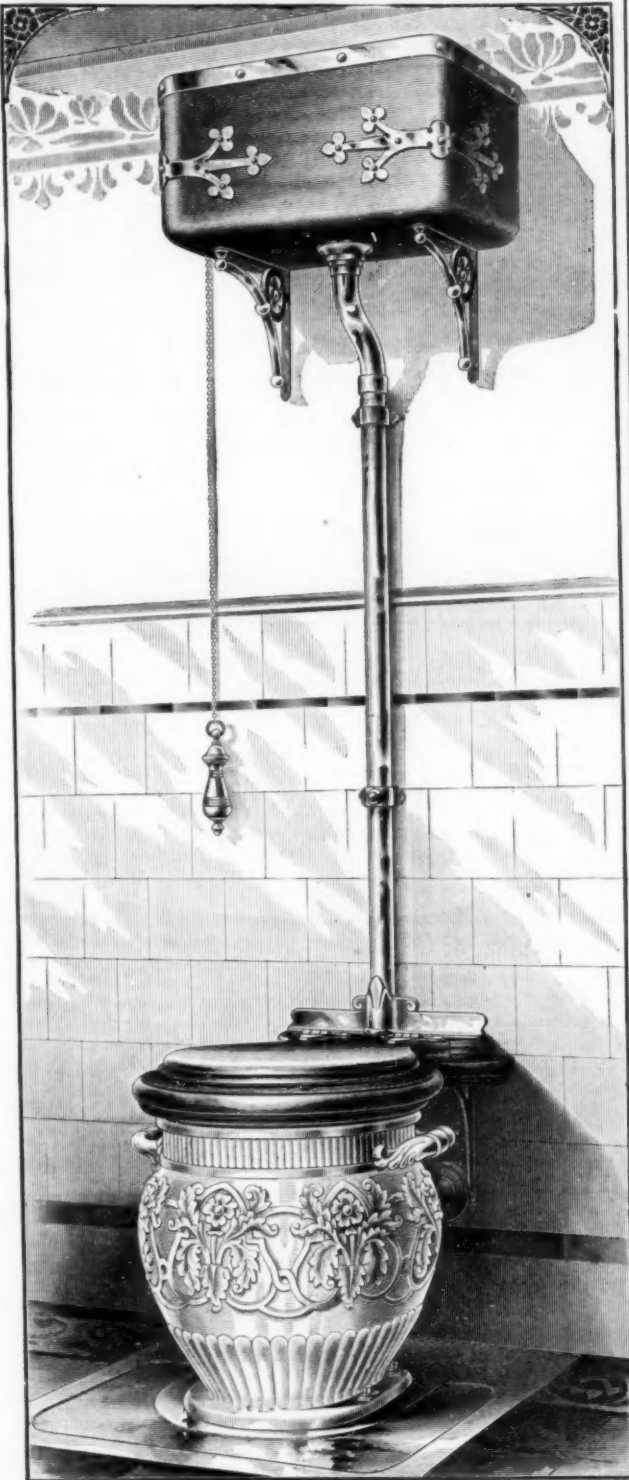
The J. L. MOTT IRON WORKS,

84 to 90 Beekman Street,
NEW YORK,
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311 & 313 Wabash Avenue,
CHICAGO, ILL.

[See Alphabetical Index on page VII for Pagination.]

Classified Advertisements.

[Advertisers can be indexed only under a single head free of charge.]



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THE GRECIAN VASE WATER-CLOSET combines the sanitary features of a first-class wash-out ventilating closet with a handsome and artistic design, being the reproduction of a classic shape made of the finest quality of English Porcelain.

The Cistern illustrated above is a departure from stereotyped designs; it is a combination of finely finished woodwork with brass ornaments.

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Frost & Adams, Boston.....(cow)
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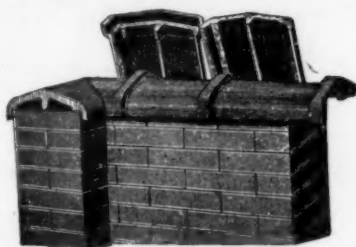
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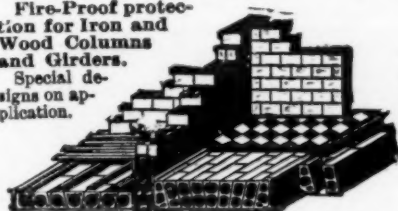
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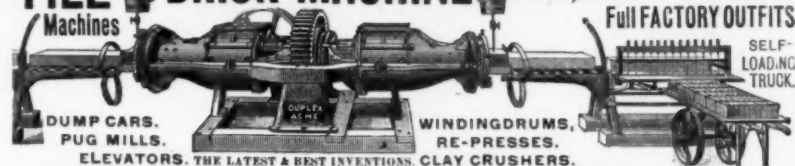
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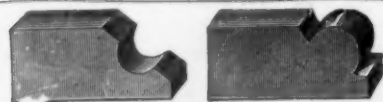
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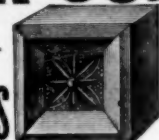


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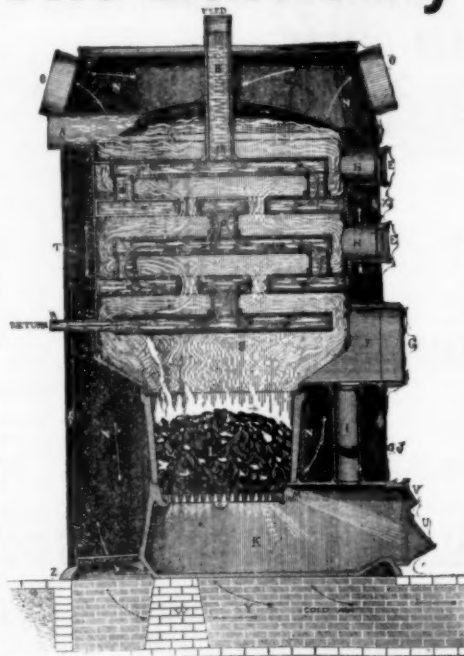
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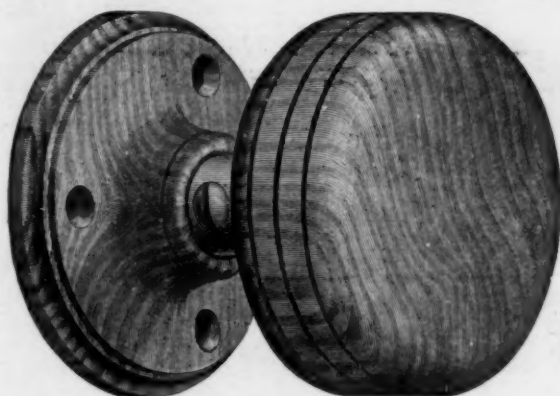
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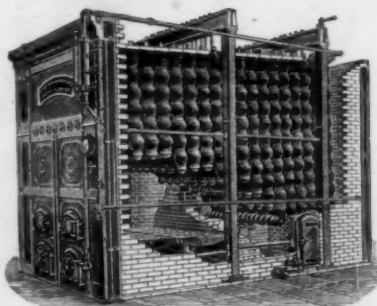
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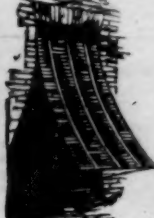
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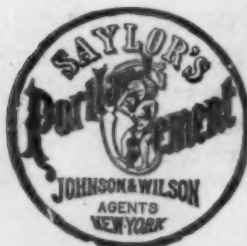
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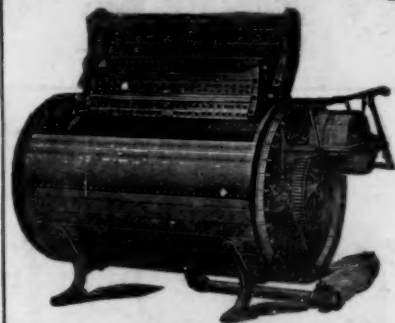
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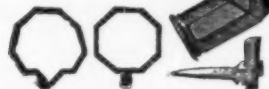
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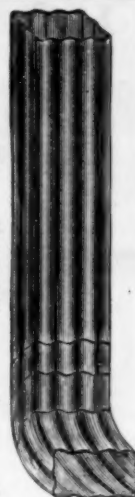
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Boards: (Ordinary dimensions.)				
Pine, 1st quality, clear.....	65 00 @ 75 00	50 00 @ 60 00	30 00 @ 47 00	45 00 @ 55 00
" 2d quality.....	55 00 @ 60 00	42 00 @ 50 00	25 00 @ 28 00	40 00 @ 45 00
" 3d quality.....	18 00 @ 22 00	35 00 @ 40 00	14 00 @ 20 00	30 00 @ 35 00
Spruce.....	13 00 @ 25 00	13 00 @ 25 00	Not sold.	16 00 @ 20 00
Hemlock.....	ea 13 1/2 @ 14	13 00 @ 15 00	12 00 @	11 25 @ 13 50
Yellow pine.....	20 @ 40	25 00 @ 35 00	29 60 @ 37 00	14 00 @ 29 00
Cypress.....		32 00 @ 40 00		35 00
Clapboards:				
Pine.....		40 00 @ 60 00	10 00 @ 22 00	14 00 @ 25 00
Spruce.....		25 00 @ 45 00	Not sold.	Not sold.
Framing Timber:				
Pine.....			12 00 @ 15 30	25 00 @ 37 30
Spruce.....	14 00 @ 18 00	15 50 @ 20 00	Not sold.	16 00 @ 18 00
Hemlock.....	12 00 @ 16 00	14 00 @ 16 00	10 00 @ 13 00	13 00 @ 17 00
Yellow pine.....	18 00 @ 21 00	24 00 @ 35 00		22 00 @ 28 00
Laths:				
Pine.....		2 25 @ 2 35	2 10 @ 2 25	2 75 @ 3 00
Spruce.....	2 30 @ 2 35	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		2 20 @ 3 00	
Spruce, sawed.....	1 50 @ 2 00	1 50 @ 2 00	Not sold.	
Redwood..... P. M.....	1 40 @ 1 60	3 75 @ 4 00	6 00 @ 7 50	30" @ 35 @ 40
Cedar, split.....			Not sold.	24" @ 3 @ 21
Cedar, sawed.....		2 00 @ 4 00	2 00 @ 2 35	20" @ 3 @ 14
Cypress, Split..... T & B.....	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	@ 21	4 1/2 @ 1 25
Chestnut.....		25 @ 50	Not sold.	20 @ 30
Finishing Woods: P. M. (Kiln-dried.)				
Ash.....	40 00 @ 55 00	45 00 @ 60 00	70 00 @ 40 00	30 00 @ 40 00
Cherry.....	80 00 @ 120 00	85 00 @ 120 00	80 00 @ 103 00	80 00 @ 100 00
Bursera.....	40 00 @ 60 00	60 00 @ 70 00	50 00 @ 60 00	70 00 @ 80 00
Hard-pine floors (rift).....		50 00 @ 60 00		
Manogany, Baywood (Mexican).....	150 00 @ 180 00	150 00 @ 180 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.....	45 00 @ 50 00	45 00 @ 50 00	18 00 @ 35 00	25 00 @ 55 00
Oak, red.....	70 00 @	50 00 @ 50 00	32 00 @ 40 00	45 00 @ 55 00
" white.....	70 00 @	50 00 @ 55 00	22 00 @ 40 00	45 00 @ 55 00
" quartered.....	90 00 @	55 00 @ 80 00	45 00 @ 50 00	60 00 @ 75 00
Sycamore quartered.....		50 00 @ 65 00	35 00 @ 50 00	87 29 @ 65 00
Pine, clear.....	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. ft.....			@ 7	
Spruce floors (clear, kiln-dried).....	125 00 @ 150 00	85 00 @ 120 00	55 00 @ 100 30	50 00 @ 170
Walnut, black.....	45 00 @ 50 00	40 00 @ 45 00	18 00 @ 40 00	25 00 @ 40 00
Whitewood.....		40 00 @ 45 00	19 00 @ 40 00	27 50 @
Yellow pine.....				

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Common: Cargo afloat.				
Pale.....	2 50 @ 3 25	Eastern	Building Brick	Sq. Hard @ 12
Jersey.....	4 00 @ 5 50	9 00 @ 10 00	@ 6 50	" @ 9 00
Long Island.....	5 50 @ 6 00	Hay State Hard		Salmon " @ 6 50
Up River.....	4 50 @ 5 50	10 00 @ 10 70		Sq. " @ 9 00
Haverstraw Bay 2nd.....	5 00 @ 5 50	Domestic Com.	Indiana Pressed	Light Stretchers
" 1st.....	5 75 @ 6 00	9 50 @ 10 00	14 00 @ 20 00	@ 12 00
Hollow.....	" 13 00	Domestic Face	St. Louis Fronts	Medium " @ 14 00
Fronts.....		30 00 @ 32 00	@ 27 00	Red " @ 15 00
Croton, Brown.....	14 00 @ 15 00	Philadelphia		Dark " @ 15 00
" dark.....	15 00 @ 16 00	40 00 @ 45 00		Pressed " @ 15 00
" red.....	15 00 @ 16 00	Phila. mould		22 00 @ 26 00
Chicago pressed (Anderson).....		50 00 @ 55 00		Best Paving
Chicago Moulded.....				@ 16 00
Baltimore.....	7 00 @ 41 00	Anderson		second " @ 14 00
Philadelphia.....	" 22 00	14 00 @ 32 00		Third " @ 13 00
Trenton.....	" 22 00			Dom. { @ 55
Milwaukee.....				@ 55
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. cost.)				
Rosendale Cement.....	90 @ 1 10	1 20 @ 1 45	Not Sold.	1 30 @ 50
Louisville.....	Not sold.	Brooks, S. & Co	1 05 @ 1 30	H. & S. E. 275 @ 300
Utica, Akron, Buffalo, Milw'kee.		2 00 @ 3 00	1 00 @ 1 25	2 50 @ 3 25
Portland, English (Gibbs).....	2 50 @ 3 00	2 00 @ 3 00	2 75 @ 3 25	2 50 @ 3 15
" (K. B. & S.).....	2 50 @ 3 00	2 00 @ 3 00	3 00 @ 3 25	2 75 @ 3 00
" Black Cross.....	2 25 @ 2 50	2 00 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" (Burham).....	2 50 @ 3 00	2 00 @ 3 00	2 90 @ 3 15	2 75 @ 2 85
" (White).....	2 50 @ 3 00	2 00 @ 3 00	3 00 @ 3 25	
" French (Lafarge).....	3 00 @ 3 25	3 00 @ 3 50	3 75 @ 4 25	
" German (Alsen).....	2 25 @ 2 40	3 15 @ 3 35	3 20 @ 3 40	Hemmoor
" " (Fover).....	2 50 @ 2 90	Cleopatra	2 75 @ 3 00	2 50 @ 2 75
" " (Lagerdorf).....	2 90 @ 3 25	2 55 @ 3 00	2 75 @ 3 00	2 75 @ 2 85
" " (Dyckerhoff).....	2 50 @ 2 85	3 00 @ 3 50	3 25 @ 3 50	2 50 @ 2 75
" " (Hanover).....	2 35 @ 2 45		Not Sold.	3 00 @ 3 25
" American (Saylor's).....	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	2 75 @ 2 85
Roman.....	2 75 @ 3 00	3 00 @ 3 50	2 75 @ 3 25	2 50 @ 2 75
Keene's coarse.....	5 15 @ 6 50	6 00 @ 6 00	6 00 @ 7 00	3 00 @ 3 50
" superfine.....	9 25 @ 10 25	11 50 @ 11 50	9 10 @ 10 50	6 50 @ 7 00
Lime:				8 00 @ 9 00
Lime of Tetl.....	3 50 @ 4 00			
Hydraulic Lime.....	@ 1 45	@ 1 35	Not sold.	White Lime
Chicago Lime in bulk.....		St. John 1 00	55 @	25 @ 30 @ bush
Wisconsin.....	@ 1 00	@ 1 05	60 @	White Mass
Rockland and Rockport, (Conn.)	@ 1 20	@ 1 10	Not sold.	1 25 @ 1 50
Rockland and Rockport, (Maine)	@ 1 20	@ 1 10	Not sold.	1 00 @ 1 00
Kelley Island Lime, (Maine).....	@ 85	@ 1 20	1 00 bulk, 75c.	
State, com. cargo rates (nom.).....	@ 1 10	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 (salcined).....	1 30 @ 1 35	2 25 @ 2 25	1 85 @ 1 90	1 75 @ 2 50
" (casting).....	12 @ 15	25 @ 30	30 @ 35	20 @ 25
Hair (Cattle) & bush.....	22 @ 25	30 @ 30	30 @ 35	30 @ 35
" (Goat).....	1 00 @ 1 25	1 75 @ 1 90		50 @ 50
Sand, P. load.....				1 50
STONE. (P. cubic foot, rough.)				
Granite: (Maine)		@ 60		50 @ 55
Limestone:		@ 1 00		75 @ 90
Bedford.....	45 @ 1 25		50 @	Richmond
Joliet.....	@ 1 00		35 @ 55	75 @ 1 50
Lancet.....			35 @	4 50 @ 5 00
Serpentine.....			1 00	

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Black, brown, buff p lb.	21			
Colorful p lb.	21			
Red p lb.	3			
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Foundation:				
Dimension.		5 00 p ton	20	5 00
Block.		4 60 p perch		Conschocken
Rubble.		1 25	8 50	1 45 2 50
Bluestone: (p sq. ft.)				1 in. th. 10 25
Sidewalk.	30 50 5 00	40 1 75	75 1 00	37 80
Planed.	50 6 00	75	50 1 00	
Sandstone.				
Longmeadow.	80	80 90		95 1 16
Kibbo.	90	90 1 10		
Brown (Connecticut).	1 00 90	1 25 1 45	1 50 p cub. ft.	1 05 1 35
Amherst.	90 95	90 1 00	45 50	
Berco Ohio.	75 1 00	80 90	45 55	55 1 00
Berlin.	75 1 00	80 90	35 65	
Belleville.	80 1 25	1 25 1 35	1 35	1 10 1
New Brunswick (Dorchester).	90 1 00	75 2 00		1 00 1
Caen.				1 25 1
Carlisle, English.	1 05	1 05		95 1
Corse Hill (Scotch).	1 05	1 05		
Marble (p cu. ft.)				
Leo, Mass.		1 75 2 50	Not sold.	2 00 2 50
Rutland, white and blue.		3 00	3 50 6 00	2 00 3 00
Sutherland Falls.	1 25 1 75	2 00	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.	4 00 5 00
Tennessee, red.			4 40	4 00 6 00
" Knoxville.			4 40	3 00 4 00
Pennsylvania, blue.			Not sold.	2 00 3 00
Vermont, white.			3 50 6 00	2 25 3 00
Slates: Roofing (p square).				
" green.	5 00 6 00	4 75 5 25	5 50 6 10	2 30 3 00
" anafading.	5 00 6 00	5 50 6 50	6 50 7 10	3 25 3 75
" purple.	5 00 6 00	5 50 6 50	6 50 7 10	3 50 4 50
" red.	4 25 4 75	10 00 11 00	12 00 14 00	7 50 10 25
" black, Lehigh.			6 25 8 85	3 25 4 00
" Chapman.	5 50 8 00	5 50 8 0	7 30 8 00	4 00 4 50
" Unfading Black, Monson, Me.			6 00 9 00	5 50 8 00
Fine, Am.			Not sold.	6 00 25 00
N. Peach Bottom, warranted unfading.				6 00 6 75
PAINTS. (In oil, p lb.)				
White lead, Am.	7 74	74	64 7	7
" Zinc.	5 84	84	7 104	7
Red lead, Am.	64 7	7	64 7	7
" Venetian.	65 104	7 12	12 24	dry Eng. 8
Vermilion.	65 70	72 75 dry	65 68	Eng. 65
Red Indian, Eng.	12 20	12 20	12 20	dry Am. 7
Yellow Ochre.	6 15	7 12	3 15	14
" Chrome.	12 20	18 25	15 25	18
Green (chrome).	8 13	25 40	8 30	12
Green, Paris.	25 40	15 25	8 30	20
Black, lamp.	15 35	19 30	12 35	20
Blue, ultramarine.	12 35	19 30	12 35	20
Oil, (linseed, raw)	60 63	61 62	57 60	58
" boiled.	63 66	64 65	60 63	61
Turpentine.	37 38	42 43	51 51	50
Varnish, coach.		1 50 6 00	1 25 2 00	3 00
Shellac.		2 50 3 00	2 25 4 00	2 75
Putty.	2 4	4	02 02	2
Whiting.	75 1 00	1 14	1 14	1
Paris white, (Eng.)	1 30 2 00	2 3	1 1	14
Litharge, Am.	54 6	71	64 7	7
Siena (burnt).	14 20	14 20	4 16	14
Umber.	14 20	14 20	2 10	12
HARDWARE.				
Nails: (Per Cask.) Spikes, (wrought.)				
101. common.	2 85	2 25	2 75 3 00	prkg 2 25
Shingle.	3 35	2 45	2 35	2 30
Lath.	4 85	3 65	2 75	2 60
Finishing nails according to size.			3 65	3 60 4 75
(For casing nails add 75c. per keg.)			Add .85 to \$1.15	per lb 4 6
Butts: 4"x 4" (p doz. pairs.)			50 to .90	Add pr oak 2 90 (all kinds.)
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	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 (or cupboards).	10	10	12	35
Ebony.				37 1 00
Apple wood.				
Cups: (p set.)				
Mineral, best.	8	8	8 10	08
Lava.	50	75	65 80	Not sold.
Hematite.	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	50 1 50	1 75 3 50
Bronze metal.	75 2 00	50 3 00	1 00 3 00	50 1 25
Brass.	1 00 2 50	50 3 00	13 16	13 16
Solder:				
Sheet Lead.		64	7	6 6
Lead Pipe.		64	64	
Iron:				
I-Beams, up to and including 30 ft.	3 3-10 34	3 1-10	3 20 3 70	2 8-10
T-Beams, over 30 ft., 1/2 c. advance.	3 2-10 34	3 1-10		2 8-10
Channel-Beams.				2 8-10



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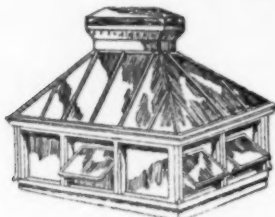


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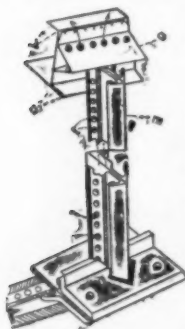
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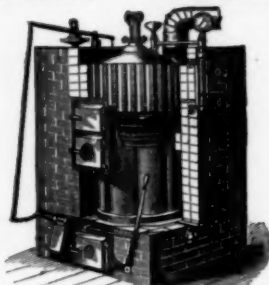
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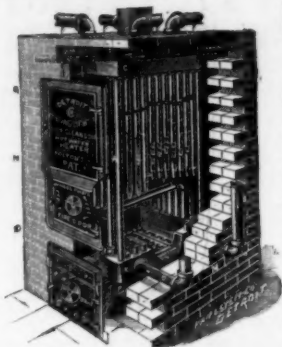
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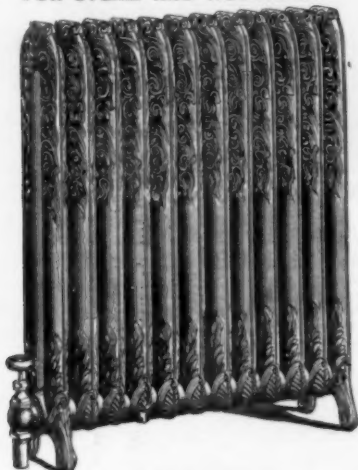
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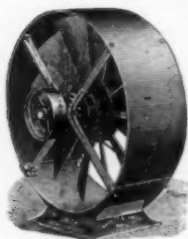
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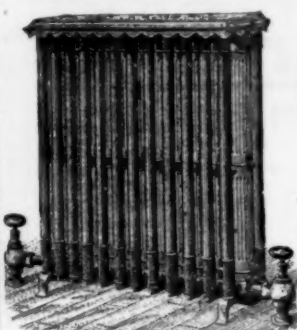
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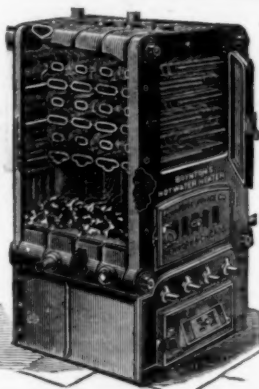
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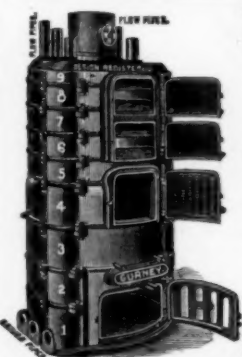
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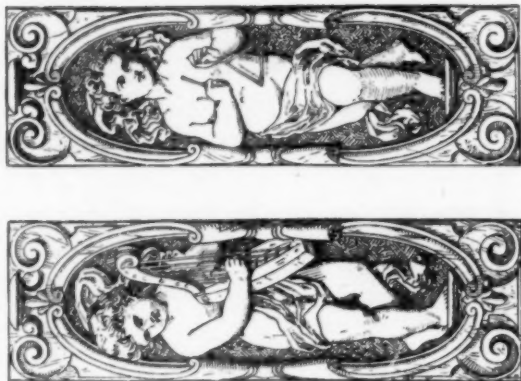
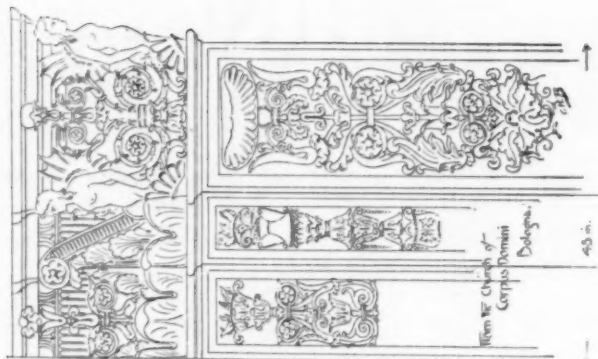
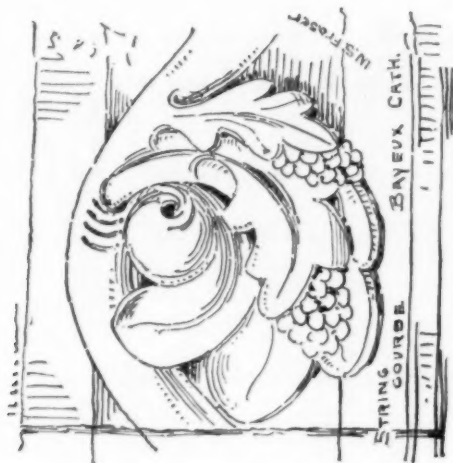
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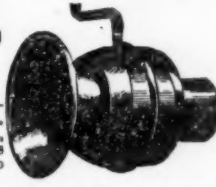
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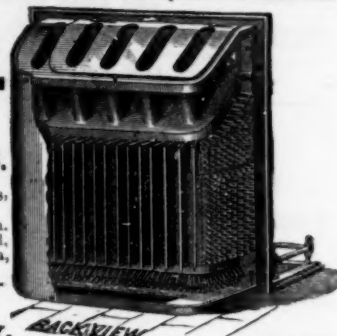
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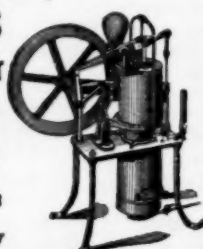
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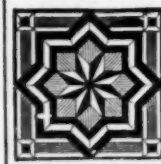
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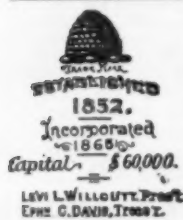
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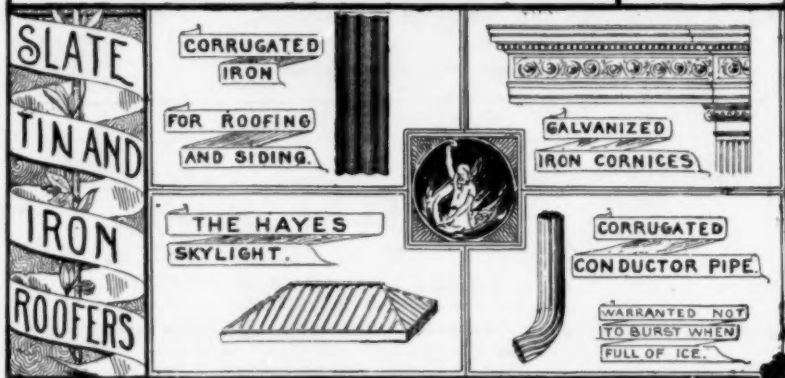


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dihy; builder, Geo. Driscoll.
Brent St., near Washington St., Ward 24, frame
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Baywater St., near Saratoga St., Ward 1, frame
dwell., 24' x 38.6'; owners, Boston Land Co.; builder,
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ers, J. A. Tucker & Son.
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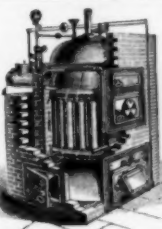
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BUILDING INTELLIGENCE.

Prior Pl., near Richfield St., Ward 24, frame
dwell., 23' x 30'; owner and builder, G. L. Davidson.
Maverick St., Nos. 46-48, Ward 2, 2 three-st'y
frame dwells., flat roofs, 18.9' x 38'; owner, E. W.
Tuck; builder, Frank Cushman.
Columbia St., near Barrington St., Ward 24, three-
st'y frame dwell., flat roof, 22' x 36'; owner and
builder, W. L. Lewis, Jr.
Brick St., near Chapman Ave., Ward 24, frame
dwell., 20' x 30'; owner and builder, John Smith.
Middleton Ave., near Norfolk St., No. 401, Ward
24, frame dwell., 20' x 30'; owner and builder, N.
McNair.
Englewood Ave., near Sutherland Road, Ward 25,
frame dwell., 40.10' x 43.10'; owner, L. A. Leland;
builder, C. Leake.
Boswell St., near Bullard St., Ward 24, frame
dwell., flat roof, 22' x 36'; owner, Miss M. Frye;
builders, W. B. Dickson & Co.
Idaho St., near River St., Ward 24, frame dwell.,
21' x 39.6'; owner, A. P. Hauck.
Clarkson St., near Richfield St., Ward 24, frame
dwell., 24' x 41.8'; owner, Herbert Hewson; builder,
J. A. Smith.
Brent St., near Washington St., Ward 24, frame
dwell., 25' x 37'; owner, Mrs. L. A. Flagg; builder,
R. H. Arnold.
South St., near Anson St., Ward 23, frame dwell.,
21' x 50'; owners, Mary McNally and others; builder,
J. A. Faine.
Corey St., cor. Garfield Ave., Ward 23, frame
dwell., 70' x 78.6'; owner, Jason S. Bailey.
Woodward Park St., near Folsom St., Ward 20,
three-st'y frame dwell., flat roof, 24' x 57'; owner
and builder, Guy A. Clifford.
Fawnbeck St., No. 16, Ward 21, frame dwell.,
27.9' x 41.2'; owner and builder, G. F. Shephard.
Brookfield St., near Roberts St., Ward 23, frame
dwell., 28' x 30'; owner and builder, Philip M.
Brown.
Selwyn St., near Farquhar St., Ward 23, frame

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dwell., 20' x 38'; owner, H. D. Sareau; builder, H.
D. Van Noorden.
Paul Gore St., near Danforth St., Ward 23, frame
dwell., 24' x 33'; owner, J. Whiteman; builder,
J. Lippold.
Sycamore St., near Poplar St., Ward 23, frame
dwell., 22' x 37'; owner, Mary S. Sherman; builder,
I. W. Stevens.
Mozart St., No. 65, Ward 23, frame dwell., 24'
x 32'; owner, Emeline Wielwerth; builder, W.
Priesing.
Western Ave., No. 482, rear, Ward 25, frame
dwell., 24' x 33'; owner, D. McCarthy, Jr.; builder,
C. Higgins.
Pomeroy St., near Saunders St., Ward 25, frame
dwell., 20.6' x 30.6'; owner and builder, D. Baldwin.
Holborn Pl., Nos. 3-4, off Holborn St., Ward 21,
2 three-st'y frame dwells., flat roofs, 50' x 61';
owner, Thomas Parker; builder, J. McNamara.
Milton Ave., No. 50, junc. Edson St., Ward 24,
three-st'y frame dwell., flat roof, 46' x 61'; owners,
Jane D. Weaver heirs; builder, A. B. Sherman.
Seaver St., near Farnsworth Pl., Ward 21, frame
dwell., 24' x 45'; owner, P. Gormley; builder, J. J.
Flynn.
Beacon St., No. 504, Ward 22, four-st'y brick
dwell., flat roof, 25' x 70'; owner, G. S. Silsbee;
builder, C. H. Dodge.
Brookline, Mass.—Green St., frame dwell., 43' x 43';
cost, abt. \$12,000; owner, John H. Gibbs; builder,
J. H. McLeod; architect, Eugene L. Clark, Boston.
Washington St., cor. Fairbanks St., double frame
dwell., 32' x 65'; owner, S. A. Robinson; builder, A.
Ford; architect, O. F. Smith, Boston.
Centre St., frame dwell., 39' x 43', with L, 22'
x 30'; owner, A. W. Preston; builder, Frank M.
Morton; architect, O. F. Smith, Boston.
Centre St., frame dwell., 39' x 43', with L, 22'
x 30'; owner, H. L. Mudgett; builder, Frank M.
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Brooklyn, N. Y.—Putnam Ave., n e cor. Howard St., four-st'y brick dwell. and store, tin roof; cost, \$12,000; owners, architects and builders, Moores & Le Quesne, 1460 Broadway.

Ashford St., e s, 1257 Arlington Ave., 2 two-and-one-half-st'y frame dwells, shingle roofs; cost, \$4,200; owner, Mrs. Bennett, 412 Putnam Ave.; architect, E. G. Vail, Jr., 1873 Atlantic Ave.

Buffalo Ave., w s, 1857 Herkimer St., 2 two-st'y frame dwells, tin roofs; cost, each, \$1,500; owner and architect, C. P. Skelton, 236 Sixth Ave.

Stagg St., No. 142, bet. Graham Ave. and Ewen St., four-st'y frame dwell., tin roof; cost, \$5,500; owner, Mathias Geyer, 161 Graham Ave.; architect, F. J. Berlenbach, Jr., 260 Graham Ave.

Twentieth St., n s, 2877 w Eighth Ave., 4 two-st'y frame dwells, tin roofs; cost, each, \$1,800; owner and architect, H. C. Bull, 467 Fifth Ave.

Jerome St., e s, 1007 n Atlantic Ave., 3 two-st'y frame dwells, tin roofs; cost, each, \$2,800; owner, Mrs. Bridget Carrigan, Belmont Ave., near Linwood St.; architect, Chas. Infanger, 68 Van Siclen Ave.

Thirty-ninth St., n s, 3007 w Fourth Ave., three-st'y frame dwell., tin roof; cost, \$7,350; owner, Frank Ohme, New York City; architects, H. L. Spicer & Sons, Third Ave. and Fifty-third St.

McDonough St., n s, 2807 w Stuyvesant St., 2 three-st'y brick dwells, tin roofs; cost, \$7,000 each; owner, Gilbert De Herere, 651 Madison St.; architects, Amzi Hill & Son, 1161 Fulton St.

Putnam Ave., n s, 2507 e Patchen Ave., 4 two-st'y brick dwells, tin roofs; cost, \$4,000 each; owner, F. J. Mugford, 889 Putnam Ave.; architect, Wm. V. Young, 200 McDonough St.

Hancock St., s s, 1507 e Lewis Ave., 4 two-st'y brick dwells, tin roofs; cost, \$7,000 each; owner, Melosia D. Franklin, 406 East Seventy-fifth St.; architect, Henry Vollweiler, 14 Elm St.

Putnam Ave., s s, 2177 e Reid Ave., 6 two-and-one-half-st'y brick dwells, gravel roofs; cost, \$6,000 each; owner, John Hennessy, 144 Troy Ave.; architect, John Henlein, Third Ave., cor. President St.

Atlantic Ave., n s, 257 e Sherlock St., 4 four-st'y brick dwells and stores, tin roofs; cost, \$7,500 each; owner, John Kehoe, 2153 Fulton St.; architect, John E. Dwyer, 1540 Broadway.

Monroe St., s s, 1507 e Stuyvesant Ave., 3 three-st'y brick dwells, tin roofs; cost, \$4,300 each; owner and architect, T. W. Swimm, 358 Putnam Ave.

Chicago, Ill.—C. T. Haas, 3 two-st'y dwells, Langley St., near Sixty-eighth St.; cost, \$14,000.

Oliver C. Wolcott, 2 two-st'y dwells, 4347 Champlain Ave.; cost, \$6,000.

Steele & Wedeles, 2 two-st'y dwells, 3121-3125 Calumet Ave.; cost, \$24,000.

George Davis, two-st'y dwell., Butterfield and Clend Sts.; cost, \$2,200.

R. N. George, two-st'y dwell., Stewart St., near Seventy-first St.; cost, \$2,800.

P. W. George, two-st'y dwell., Maple and Princeton Sts.; cost, \$2,800.

P. W. George, two-st'y dwell., Sixtieth and Princeton Sts.; cost, \$2,800.

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E. Friewald, two-st'y dwell., 5409 Morgan St.; cost, \$2,000.

C. F. Tabor, two-st'y dwell., 7315 Yale St.; cost, \$2,500.

A. Collender, two-st'y dwell., Goodwin and Ardmore Sts.; cost, \$6,000.

Dr. J. S. Young, two-st'y dwell., 393-395 Illinois St.; cost, \$8,500.

J. M. Rogers, two-st'y dwell., Buena St., near Evanston Ave.; cost, \$8,000.

H. G. Payne, two-st'y dwell., Evanston Ave., near Ardmore St.; cost, \$2,800.

W. B. Hansen, two-st'y dwell., 731 Sixty-third St.; cost, \$4,000.

Lincoln Brook, two-st'y dwell., Park End and Sixtieth St.; cost, \$3,000.

F. D. Fitch, two-st'y dwell., South Park Ave. and Sixty-ninth St.; cost, \$2,000.

H. E. Johnson, two-st'y dwell., 215 Forty-second St.; cost, \$5,000.

C. S. Corwin, three-st'y dwell., 1066 Warren Ave.; cost, \$6,000.

Newton Highlands, Mass.—Near Lincoln St., two frame dwells, one 32' x 38', the other 20' x 34'; owner, J. M. Watson; builder, L. A. Ross; architect, O. F. Smith, Boston.

New York, N. Y.—Eighty Ave., e s, 507 s One Hundred and Twenty-sixth St., three-st'y brick dwell., tin roof; cost, \$14,500; owner, Patrick Byrne, et al., Twelfth St. and Avenue C; architect, J. C. Burne, 1531 Third Ave.

Ninety-fifth St., n s, 3007 e Tenth Ave., 5 three-st'y brick dwells, tin roofs; cost, \$75,000; owner, James Brown, 164 West Ninety-second St.; architect, D. J. MacKae, 238 West Thirty-first St.

Seventy-second St., n s, 1157 w West End Ave., 3 four-st'y brick dwells, mansard, tin and slate roofs; cost, \$90,000; owner, F. E. Robinson, 167 West End Ave.; architect, Charles T. Mott, 111 Broadway.

One Hundred and Seventy-ninth St., s s, 1507 w Vanderbilt Ave., 4 two-st'y brick dwells, tin roofs; cost, \$16,000; owner, S. D. Bonfilis, 1662 Washington Ave.; architect, Charles S. Clark, 719 East One Hundred and Seventy-seventh St.

One Hundred and Twenty-first St., s s, 2407 w Lenox Ave., three-st'y brick dwell., tin roof; cost, \$15,000; owner, John J. Bell, 233 West One Hundred and Twenty-first St.; architects, Cleverdon & Putzell, 529 Broadway.

First Ave., s w cor. Ninety-fifth St., two-st'y brick dwell., tin roof; cost, \$5,000; owner, George Ehret, Ninety-second St. and Third Ave.; architect, J. Kastner, 744 Broadway.

Somerville, Mass.—Beacon St., cor. Sacramento St., frame dwell., 24' x 30'; owner, Margaret Hayes; builder, George Noyes.

New Jenny Lind Ave., frame dwell., 24' x 28'; owner, C. A. Miller; builder, Wm. E. Jones.

Central St., near Broadway, frame dwell.; owner, William Weed; builder, Thos. Killey.

Medford St., near Lee St., frame dwell., 22' x 29', with L, 19' x 24.6'; owner, J. W. Chisholm; builders, C. O. & S. H. Abbott & Co.

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Maple Ave., frame dwell., 28' x 47'; owner, Margaret J. Scaporia; builder, John E. Larkin.

Central St., cor. Gibbons St., double frame dwell., 45' x 50'; owner, Mrs. Cook; builder, Wm. J. Griffiths.

Elm St., near Kidder Ave., frame dwell., 27' x 46'; owner and builder, Joseph Miller.

William St., frame dwell., 24' x 37'; owner and builder, Joseph Miller.

Putnam St., frame dwell., 24' x 30', with L, 12' x 17'; owner, Sarah L. Young; builder, Wm. E. Jones.

New Church St., frame dwell., 23' x 29', with L, 17' x 23'; owner, Mrs. Claffin; builder, Geo. W. Lake.

Tyler St., frame dwell., 24' x 40'; owner, Mrs. Buckley; builder, W. B. Cameron.

Brattle St., frame dwell., 24' x 29', with L, 9' x 15.6'; owner and builder, Walter Langstroth.

Bellingham St., two frame dwells, 26' x 40'; owner and builder, Joseph Miller.

Kensington Ave. and Broadway, frame dwell., 30' x 56'; owner, Geo. W. Maddox; builder, Elmer N. Hutchins.

Cross St., cor. Bonair St., frame dwell. and two stores, 24' x 43', with L, 12' x 20'; owners and builders, H. Lovering & Co.

Quincy St., double frame dwell., 44' x 72'; owner, Michael H. McCarthy; builder, John K. Thompson.

Madison St., two frame dwells, each 24' x 28', with L's, 3' x 14'; owner and builder, Geo. E. Ricker.

Montrose St., two frame dwells, each 24' x 28'; owner and builder, Maurice Buttiner.

Lee St., cor. Richdale Ave., frame dwell., 26' x 40', with L, 8' x 11'; owner, Annie L. Fletcher; builder, Dr. Wm. K. Fletcher.

Hudson St., near Lowell St., frame dwell., 24' x 32', with L, 14' x 15'; owner and builder, Robert H. Colluppy.

OFFICE-BUILDINGS.

Chicago, Ill.—W. G. Livingston, two-st'y office, 235 North Wells St.; cost, \$4,000.

New York, N. Y.—Astor Pl., Lafayette Pl. and Eighth St., seven-st'y brick office-building, flat roof and asphalt roof; cost, \$450,000; owners, Clinton Hall Association, 18 Wall St.; architect, G. E. Harney, 149 Broadway.

Philadelphia, Pa.—Clinton St., No. 1010, two-st'y office; contractor, Wm. B. McCleary, 1308 Rodman St.

Salt Lake City, Utah—Second St., s, cor. Commercial St., six-st'y Kyune sandstone office and

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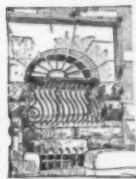


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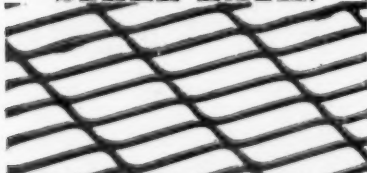
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bank building; cost, \$130,000; owner, Commercial National Bank; architect, Fred A. Hale; contractor, Wm. Lister.

SCHOOL-HOUSES.

St. Louis, Mo.—Two-st'y brick school; cost, \$12,000; owner, D. Arnold; contractor, A. E. Cook.

STABLES.

Boston, Mass.—Codman St., rear, near Washington St., Ward 24, frame stable, 30' x 40'; owner, F. J. Lyons; builder, W. Ryan.

Gardner St., No. 46, rear, Ward 25, one-st'y frame stable, pitch roof, 30' x 42'; owner, Emma F. Woodbury; builders, Woodbury & Leighton.

Mansfield St., near opp. Aldie St., Ward 25, frame stable, 31' x 40'; owner, A. V. Canning.

Brooklyn, N. Y.—Jay St., w s, 50' n Water St., three-st'y brick stable, gravel roof; cost, \$17,000; owners and builders, Waterbury & Ford; architect, T. B. Jackson, 424 Clinton Ave.

Chicago, Ill.—R. Sollitt, barn, Thirty-sixth and Butler Sts.; cost, \$1,800.

Henry Branchmann, three-st'y livery-barn, 500-504 Dearborn Ave.; cost, \$10,000.

Chicago City Railway, car-barn, 6108-18 Wabash Ave.; cost, \$10,000.

C. C. Wren, three-st'y livery-barn, 665-677 Van Buren St.; cost, \$72,000.

E. D. Morse, three-st'y livery-barn, 530-543 Van Buren St.; cost, \$20,000.

Philadelphia, Pa.—Market St., No. 3527, two-st'y stable; owners, Gibson & Sichel, 3527 Market St.

State St., s w cor. Penn St., two-st'y stable; contractor, Amos W. Linn, 4767 Garden St.

Cuba St., e s, s Morris St., two-st'y stable; owner, Thos. Dunbar, 1700 Moyamensing Ave.

Cedar La., w s, n Mill St., stable; contractor, W. J. Grubler, 46 Herman St.

STORES.

Boston, Mass.—Cambridge St., cor. Wilton St., Ward 25, one-st'y frame store, flat roof, 50' x 63.8'; owner and builder, Samuel Hano.

Wilton St., near Cambridge St., Ward 25, one-st'y frame store, flat roof, 48' x 50'; owner and builder, Samuel Hano.

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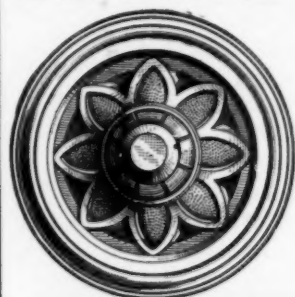
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BUILDING INTELLIGENCE.

Brooklyn, N. Y.—Liberty Ave., n e cor. Bradford St., three-st'y frame store and dwell., tin roof; cost, \$5,800; owner, Chas. H. Korte, 116 Concord St.; architect, Chas. Infanger, 68 Van Sicken Ave.

Siegel St., s s, 25' from Leonard St., four-st'y frame store and dwell., tin roof; cost, \$7,000; owner, Israel Feldmann, 66 Moore St.; architect, H. Smith, 27 Moore St.

Flatbush Ave., junction of State St., five-st'y brick store and show-room, tin roof; cost, \$30,000; owners, Brooklyn Door & Sash Co., 586 Atlantic Ave.; architect, P. Bergen Marryott, 586 Atlantic Ave.

Cameron, W. Va.—Three-st'y brick store and office building; cost, \$7,000; owner, Jr. O. U. A. M.; architect, J. B. Hall; contract not let.

New York, N. Y.—Gold St., n e cor. Ferry St., ten-st'y brick store, tile roof; cost, \$180,000; owner, Aaron Healey, 198 Columbia Heights; architect, Wm. B. Fubby, 81 Fulton St.

Philadelphia, Pa.—Canal St., e s, s Laurel St., two-st'y storehouse; owner, Thos. Campbell, Beach and Laurel Sts.

TENEMENT-HOUSES.

New York, N. Y.—Eighth Ave., w s, 35' 9" s Twenty-ninth St., 2 five-st'y brick tenements, tin roofs; cost, \$26,000; owner, William H. Dubois, 339 West Thirtieth St.; architect, James W. Cole, 403 West Fifty-first St.

BUILDING INTELLIGENCE.

THEATRES.

Kearney, Neb.—The Kearney Opera-House Co. have commenced the building of an opera-house and office-building, cor. Central Ave. and Twenty-first St.; cost, \$100,000; architects, J. B. McElfatrick & Sons.

WAREHOUSES.

Baltimore, Md.—J. Thos. Scharf, seven-st'y brick warehouse, n w cor. Baltimore and Paca Sts.

J. P. Dunphy, three-st'y brick warehouse, 229 e s Greene St.

Brooklyn, N. Y.—Nassau St., No. 19, four-st'y brick storage warehouse for plumbers' goods, tin roof; cost, \$4,000; owner, E. Blunt, 100 Columbia St.; architect, John G. Porter, 866 Mason St.

Chicago, Ill.—H. F. Billings, four-st'y warehouse, 2 West Washington St.; cost, \$26,000.

F. Westphal, one-st'y warehouse, 125 Southport Ave.; cost, \$5,000.

St. Louis, Mo.—Six-st'y brick warehouse; cost, \$90,000; owner, Eads estate; contractor, C. E. Clark.

One-st'y brick warehouse; cost, \$7,000; owners, A. B. Brew. Assn.; sub-let.

MISCELLANEOUS.

Boston, Mass.—Highland St., No. 186, Ward 21, two-st'y frame asylum, pitch roof, 34.2' x 112', for German Catholic School Society.

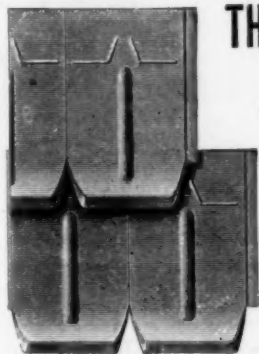
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Send for Catalogue.**OAKLEY & KEATING, 40 Courtlandt St., NEW YORK.****HOTEL and INSTITUTION
WORK**

Carefully Handled.

MESKER & BRO.,**Galvanized Iron Cornices****Window Caps and SKYLIGHTS.**

Send for Catalogue.

421 to 429 South Sixth St., ST. LOUIS, MO.

**J. G. & F. DIMOND,
Architectural Iron-Works.**

ESTABLISHED 1852.

209 and 211 West 33d Street, New York City.

IRONWork for Buildings, Stairs, Columns, Railings, etc., etc.
Special attention given to Ornamental Wrought-Iron Work.**CHENEY & HEWLETT,****Architectural Iron Works.**N. CHENEY. } OFFICE: { 207 BROADWAY,
C. HEWLETT. } New YorkBook giving strength of wrought-iron girders, beams,
and cast-iron columns mailed on application.**BUILDING INTELLIGENCE.**storage, flat roof, 28' x 130'; owner, John C. Haynes;
builder, J. J. Shaw.**Brooklyn, N. Y.**—The Building Trades' Exchange
of this city was formally opened recently at its new
quarters, 179 Graham Ave.The plans are completed for the new Brooklyn
Eagle Building on Washington St., but they have
not yet been submitted to the Building Depart-
ment.The Commissioner of Buildings has obtained a
permanent injunction restraining Samuel J. Wilson
from proceeding with the building of three houses
on Hancock St., above Reid Ave., and also requir-
ing the builder to take down the walls so far as
they have been erected. The reason is that soft
bricks were being used, instead of hard-burned ones.**Chicago, Ill.**—Chicago Cricket Club, two-st'y club-
house, Seventy-first St., near Selpp Ave.; cost,
\$5,000.Rise & Bullen, elevator, Robinson Ave.; cost,
\$5,000.J. L. Hoerber, two-st'y Turner Hall, 710-712 Blue
Island Ave.; cost, \$30,000.Dr. W. F. Coleman, six-st'y medical college, 59
Third Ave.; cost, \$50,000.John F. Kidwell, five glass green-houses, 3804-14
Wentworth Ave.; cost, \$2,500.George Chambers, two and three st'y pavilion, 77
Thirty-first St.; cost, \$30,000.W. H. Purcell & Co., elevator and engine-house,
One Hundred and Twenty-first St., near Western
Indiana R. R.; cost, \$25,000.F. Lemon, basement, 3434 Wallace St.; cost, \$2,
000.Western Wheel Works, one-st'y power-house, 150
Schiller St.; cost, \$6,000.**Grand Rapids, Mich.**—The Valley City St. & Cable
R. R. Co., engine-house and smoke-stack; cost, \$25,
000 or \$30,000.**Jersey City, N. J.**—Brick spinning-mill for the
Lings Spinning Co., Greenville and Linden Aves.
The building will be two and four stories high, with
a tower 100 feet and a chimney 160 feet high. The
interior will be constructed in a most substantial
manner, on the slow-burning principle. This will
be the largest mill of its kind in the United States,
and, when completed, will represent an outlay of
over \$300,000.**New York, N. Y.**—One Hundred and Seventeenth St.,
n. s. 70' e. Twentieth Ave., two-st'y brick workshop,
tin roof; cost, \$3,000; owner, Christina Unsand-
herm, 344 East Fifty-third St.; architect, Andrew
Spence, 163 East One Hundred and Twenty-fifth St.**Eleventh Ave., n. e. cor. Thirty-first St., one-st'y**
brick workshop, peak, Warren's anchor brand roof;
cost, \$4,500; owners, N. Y. C. & H. R. R. Co.,**MANLY MFG. CO.,** DALTON, GEORGIA.
WROUGHT & CAST IRON For Buildings,
ARTISTIC & STRUCTURAL Roofs, Columns, etc.**THE****PHENIX IRON COMPANY**

410 Walnut St., Philadelphia, Pa.

Manufacture Rolled Beams, Channels,
Angles, Tee, Shape and Bar Iron
of all sizes.Roof Trusses, Girders, and Joists
for fire-proof buildings framed
and fitted as per plans.**PHENIX Wrought-Iron Columns**
of all sizes.Die-forged Weldless Eyebars a specialty
Designs and estimates furnished.Boston Agents, **FRED. A. HOUDLETTE & Co.,**
272 Franklin Street.
New York Agents, **MILLIKEN & SMITH,**
95 Liberty Street.**BUILDING INTELLIGENCE.**Grand Central Depot; architect, Walter Katte,
Grand Central Depot, Forty-second St.,
Thirty-first and Thirty-second Sts., Eleventh
and Twelfth Aves., 2 one-st'y brick freight storage-
houses, peak, Warren's anchor brand roof; cost,
\$90,000; owners, N. Y. C. & H. R. R. Co., Grand
Central Depot; architect, Walter Katte, Grand
Central Depot, Forty-second St.**Philadelphia, Pa.**—Broad St., s. e. cor. Ridge Ave.,
two-st'y bank building; contractor, C. C. Carman,
1544 North Twelfth St.Bridge St., No. 2655, one-st'y mill-building; owner,
George Morehouse, 266 Bridge St.Germantown Ave., w. s. s. Rising Sun Lane, three-
st'y brewery; contractor, Benjamin Walker, 3953
Germantown Ave.**Pittsfield, Mass.**—Gimlich & White, two-st'y brick
bottling building.**St. Louis, Mo.**—Steeple; cost, \$15,000; owner, St.
Peter and Paul's Church; contractors, Pickel Stone
Co.

Two-st'y frame hall; cost, \$2,600; owner, I. O. O. F.;

contractor, J. W. Havens.

One-st'y brick brewery; cost, \$5,500; owners, St.
Louis Brew Assn.; contractor, J. Schenck.Two-st'y brick power-house; cost, \$52,500; owners,
St. Louis R. R.; contractors, R. W. Morrison & Co.**COMPETITION.****SCHOOL-HOUSE.**

[At Pineville, Ky.]

PINEVILLE, KY., June 12, 1890.

The School Trustees of Pineville, Ky., will pay
\$250 for acceptable plan and specifications complete,
for a \$12,000 school-house, of brick with stone founda-
tion, for graded school, to hold 340 to 400 pupils.Architects wishing to submit plans, will do so at
once, or write for further information.

Rejected plans returned free of charge.

JOHN Q. PEARCE,
Chairman Building of Trustees.**PROPOSALS.**PROPOSALS FOR IRON BEAMS AND GIRDERS.
Office of Building for Library of Congress, 145 East
Capitol Street, Washington, D. C., June 20, 1890.
Separate sealed proposals for furnishing and deliver-
ing the rolled-iron beams and plate and trussed gir-
ders required for the Building for Library of Congress,
in this city, will be received at this office until 2
o'clock P. M., on Thursday, the third day of July,
Continued on page xx.)**JOHN MANNING'S
OBSERVATIONS**

— ON —

ADVERTISING

— AND —

ITS KINDRED INTERESTS.

THE business man who has read my previous remarks on the advertisement is now prepared to learn something about the application of the advertisement to his own business, and I shall take my illustrations from the methods employed by four strictly representative manufacturers of the highest grade, namely: Tiffany & Co., of New York, jewelers; The American Watch Co., of Waltham, Mass.; Messrs. Merchant & Co., of Philadelphia, in metals; and Messrs. Steinway & Sons, of New York, piano makers. Let us start with Tiffany & Co. The advertisement in their case has done its work so far as making the artistic quality of their work known. They are also relieved from saying that the gold used by them is 18 karat fine, and that the silver used in their workshops is of the fineness of sterling silver. They are also relieved from the necessity of quoting prices—a uniform price being accepted by the public as applying to everything they sell. All then that remains for them to do by the advertisement is simply to announce new styles in their various departments, and fashionable intelligence does nearly all that is required.

The American Watch Company had first to educate the public to understand the new system of making watches by machinery. This was a long and expensive task, but once accomplished the real work of the advertisement was over, and all the latter companies profited by the educational character of the parent company.

In 1884 the London *Ironmonger* expressed the opinion that in buying roofing tin plate the best security the American buyer could get was to buy of a manufacturer of established reputation and to offer a fair price. This was the highest assurance the American importer had in 1884. The architect, the builder, the tinner and the property owner had nothing but the word of the importer as to the quality of such roofing tin plate as he desired. The law of competition all worked in one direction—cheapness and inferior quality, to the great detriment of all concerned, and, as a consequence, nearly lost its prestige, and architects would have refused to specify it had not Merchant & Co. given precision and definiteness to the quality of their roofing tin plate.

Now, while four-fifths of the roofing plate made is made for the American Market, the suggestion is offered in good faith that Messrs. Merchant & Co. invite the reputable importers to unite with them in a comprehensive and intelligent system of guaranteeing roofing plates on its merits, excluding waster sheets, and by a joint effort restore tin plate to its proper rank as the best roofing material made—the expense of effecting such a reform being too colossal for one house.

Steinway & Sons have demonstrated that there is always room at the top, and while they are not the oldest in their trade, by sincere workmanship and intelligent advertising, their pianos are now the standard, not in America alone, but throughout the world.

The methods adopted by these pre-eminently successful houses in their respective lines of advertising are instructive, and will repay the attention of other manufacturers.

JOHN MANNING,
Philadelphia.

Sanitary Appliances

COL. GEORGE E. WAR-
ING, JR., C. E. etc., in his
recent work on Sewerage and
Land Drainage, in speaking of
traps liable to siphonage, says:
"the best remedy would be to
supply the defective traps at
their summits with McClellan's
Mercury Seal-Trap Vent, a per-
fectly safe device, of little cost,
simple and easy of application,
and sure to supply air when
needed."

TUCKER & TITUS,
Plumbers, Sanitary Plumbing,
Drainage and Ventilation.

14 BRATTLE SQ., Quincy House Block, BOSTON.
JAMES TUCKER. Telephone No. 1235. FRANK A. TITUS

PLUMBING.

HENRY HUSSEY & CO., 79 Kingston St., Boston.
Public and Private buildings examined and put in
thorough condition. Plans, specifications and esti-
mates furnished for city and country work on appli-
cation.

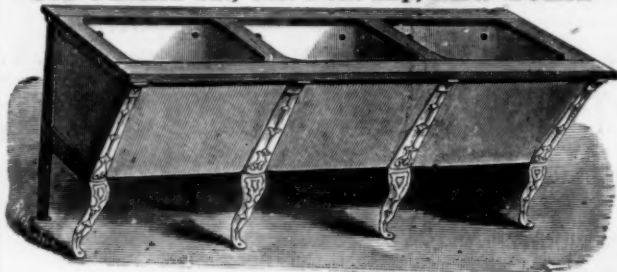
**PROPOSALS.**

1890, and opened immediately thereafter in presence
of bidders. Specifications, general instructions and
conditions and blank forms of proposal may be ob-
tained on application at this office. BERNARD R.
GREEN, Superintendent and Engineer. 757

June 10, 1890. 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 June, 1890, for furnishing and deliver-
ing at freight-depot in city where required fire-
proof safes, etc., required for the United States
Government Buildings at the following cities: At-
lanta, Ga.; Augusta, Me.; Cleveland, O.; Columbus,
O.; Concord, N. H.; Des Moines, Ia.; Jackson, Tenn.;
Knoxville, Tenn.; Kansas City, Mo.; Lincoln, Neb.;
Lexington, Ky.; Minneapolis, Minn.; Newark, N. J.;
New Haven, Conn.; Oshkosh, Wis.; Omaha, Neb.;
Reading, Pa.; St. Paul, Minn.; Shreveport, La.;
Toledo, O., and Utica, N. Y., in accordance with the
specification, copies of which may be had on appli-
cation at this office. Bids for one or all the safes re-
quired must be accompanied by a certified check for
\$100. The Department will reject all bids received
after the time fixed for opening the same; also, bids
which do not comply strictly with all the require-
ments of this invitation. Proposals must be sealed
and endorsed "Proposal for Safes for Government
Buildings," and addressed to JAS. H. WINDRIM,
Supervising Architect. 756

June 4, 1890. 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 2d day of July, 1890, for all the labor and mate-
rials required to erect, complete, the buildings of the
United States Marine Hospital at Evansville, Ind.
(except heating apparatus), in accordance with the
drawings and specification, copies of which may be
had on application at this office or the office of the
Superintendent. Each bid must be accompanied by
a certified check for \$500. The Department will
reject all bids received after the time fixed for open-
ing the same; also, bids which do not comply strictly
with all the requirements of this invitation. Propo-
sals must be sealed and endorsed "Proposal for
United States Marine Hospital Buildings at Evans-
ville, Ind.," and addressed to JAS. H. WINDRIM,
Supervising Architect. 756

June 4, 1890. 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 28th day of June, 1890, for all the labor and mate-
rials required in the erection and completion of the
United States Court-House and Post-Office building
at Texarkana, Ark.-Tex. (heating apparatus and
apponex not included), in accordance with the
drawings and specification, copies of which may be
had on application at this office or the office of the

STEWART CERAMIC COMPANY,
312 PEARL ST., Cor. Peck Slip, NEW YORK.

SHOWING THREE TUBS SET UP.

The only Solid White Crockery Wash-tub ever made in the world. Do not buy imitations until you see
the genuine "Morahan's Patent," stamped on the front of every tub. Wash-board and Soap-cup moulded
in every set. Will outlast any house.

Solid White Crockery Sinks, comprising Butler's Pantry, Kitchen, Slop, etc.,
Made of same material as the tubs. Very strong, well glazed, no labor required to keep clean.
LIBERAL TERMS TO THE TRADE. SEND FOR PRICE-LIST AND CATALOGUE.

Sole Manufacturers under
Morahan's Patents of

**THE
CELEBRATED
SOLID WHITE
CROCKERY
STATIONARY
WASH-TUBS.**

The only Perfect San-
itary Tubs now in Ex-
istence.

VERY STRONG.
No seams to open. Ab-
solute cleanliness se-
cured for all time.

WELL GLAZED.

Will not absorb, leak or decay.

Indurated Fibre Bath Tubs.

COMPLETE, READY FOR
CONNECTING.

CLEAN,
DURABLE,
LIGHT.

NON-CONDUCTORS OF
HEAT OR COLD.

HANDSOME
BUT INEXPENSIVE.

Agents: A. H. Prescott,
49 Wabash Ave., Chicago.
Henry Huber & Co., 81
Beekman St., New York.
Dalton & Ingersoll, 171
High St., Boston, Mass.



Made in One Piece from Pure Wood Fibre.

Finished: Inside, White or Tinted Enamel; Outside, the same, or in Rose-
wood, Mahogany, Cherry, or Oak.

Send for Circulars. Made only by

Oswego Indurated Fibre Co.,
OSWEGO, N. Y.

PROPOSALS.

Superintendent. Each bid must be accompanied by
a certified check for \$500. The Department will
reject all bids received after the time fixed for open-
ing the same; also, bids which do not comply strictly
with all the requirements of this invitation. Propo-
sals must be sealed and endorsed "Proposal for the
Erection and Completion (except Heating Apparatus
and Approaches) of the United States Court-House
and Post-Office building at Texarkana, Ark.-Tex." and
addressed to JAMES H. WINDRIM, Supervising
Architect. 756

IMPROVED SEWERAGE SYSTEM.
(At Providence, R. I.)
DEPARTMENT OF PUBLIC WORKS,
COMMISSIONERS' OFFICE, CITY-HALL,
PROVIDENCE, R. I., May 29, 1890.

Sealed proposals will be received at this office until
11 o'clock A. M., Thursday, June 26, 1890, for
Building Sections 1, 5, 6, 7, 8 and 9 of the Improved
Sewerage System of the City of Providence, in ac-
cordance with the form of contract and specification to be
furnished by the Commissioner.

All proposals must be made upon the blank forms
which will be furnished for the purpose.

The work is approximately indicated as follows:

Section.	Length in feet.	Size in inches.	Average depth of cutting.	Cubic yards of masonry.
1	1043	96	12'	2900
5	2862	110 28 x 42	30'	6510
6	2948	108 26 x 39	24'	7290
7	2380	106 26 x 39 22 x 33	18'	5010
8	2376	80 20 x 30	30'	3550
9	2937	80 18 x 27 52	20'	3524

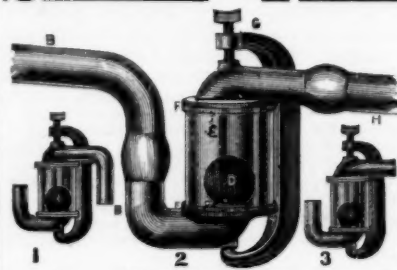
Plans may be seen and specification and form of
contract can be obtained at the office of the City
Engineer in Providence.

Each bidder is requested to give references as to his
business standing, and to state generally what experience
he has had in such work as here proposed.

A satisfactory bond for a sum equal to about one-
tenth of the estimated amount of the contract, or a
certified check for an equal amount, as liquidated
damages for failure to execute the contract within
ten days, if awarded, must accompany each proposal,
and a satisfactory bond for a sum equal to about one-
third of the estimated amount of the contract, condi-
tioned upon the faithful performance of the contract,
will be required of the successful bidder.

The right to reject any or all proposals is reserved.

JOHN A. COLEMAN,
Commissioner of Public Works. 756

**BENNOR
SYPHON TRAP.**

Patented Feb. 13, 1883.

WITHOUT EXCEPTION THE
BEST
IN THE MARKET.

MANUFACTURED ONLY BY

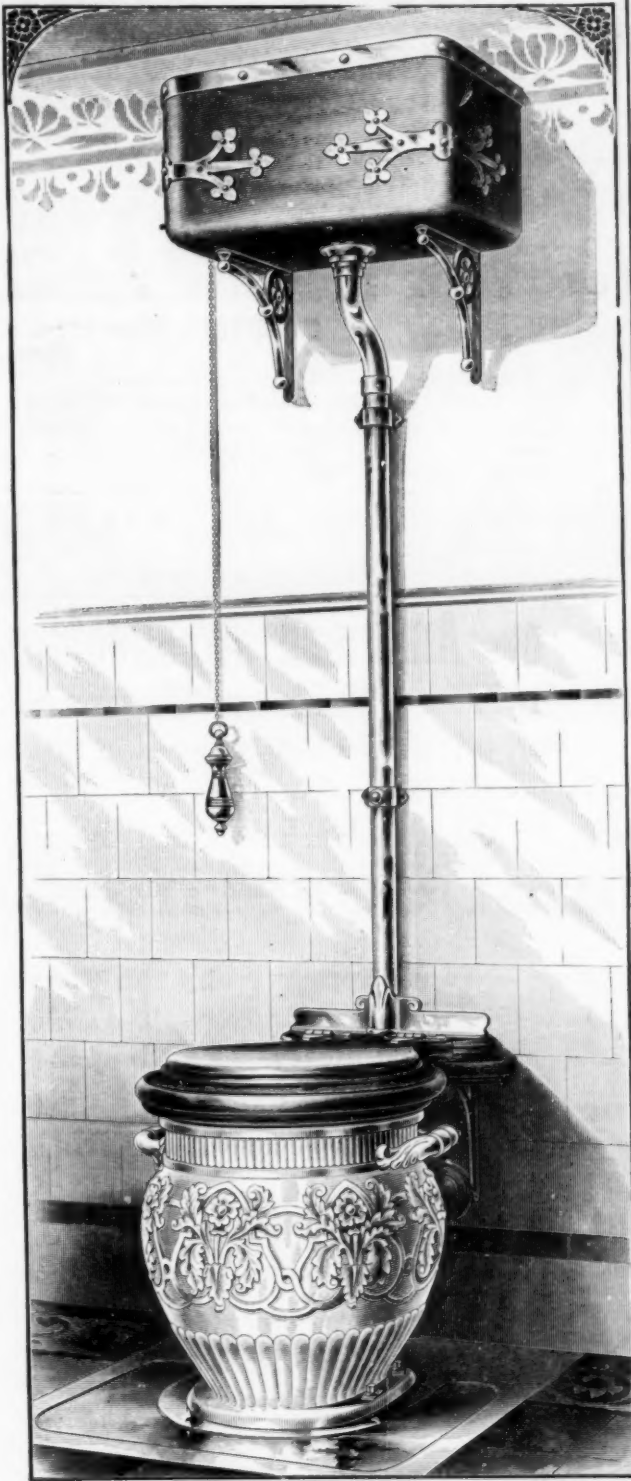
HAINES, JONES & CADBURY CO.,
1136 Ridge Avenue,
PHILADELPHIA, PA.
Prices reduced, Send for New Circular.

PROPOSALS.

June 7, 1890. 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 27th day of June, 1890, for furnishing and putting
in place complete the iron floor, ceiling and roof con-
struction, iron columns with terra-cotta covering,
brick and terra-cotta floor and ceiling arches, sky-
lights, constructive iron-work of stairs, wood-sheath-
ing, terra-cotta tiles, slate and copper work of roof,
down-pipes, etc., required for the United States
Court-House and Post-Office building at Birmingham,
Ala., in accordance with the drawings and specifi-
cation, copies of which may be had on application at
this office and the office of the Superintendent. Each
bid must be accompanied by a certified check for \$100.
The Department will reject all bids received after the
time fixed for opening the same; also, bids which do
not comply strictly with all the requirements of this
invitation. Proposals must be sealed and endorsed
"Proposal for Iron Floors, Ceiling and Roof Con-
struction, Iron-work of Stairs, etc., of the United
States Court-House and Post-Office building at Bir-
mingham, Ala.," and addressed to JAS. H. WIN-
DRIM, Supervising Architect. 756

The J. L. MOTT IRON WORKS,

84 to 90 Beekman Street,
NEW YORK,
AND
311 & 313 Wabash Avenue,
CHICAGO, ILL.



Copyright, 1890, by The J. L. Mott Iron Works.—Plate 874 G.

THE GRECIAN VASE WATER-CLOSET.

(PATENTED; OTHER PATENTS PENDING)

THE GRECIAN VASE WATER-CLOSET combines the sanitary features of a first-class wash-out ventilating closet with a handsome and artistic design, being the reproduction of a classic shape made of the finest quality of English Porcelain.

The Cistern illustrated above is a departure from stereotyped designs; it is a combination of finely finished woodwork with brass ornaments.

Illustrated price-list mailed on application.

[See Alphabetical Index on page VII for Pagination.]

Classified Advertisements.

[Advertisers can be indexed only under a single head free of charge.]

Announcers. W. R. Ostrander & Co., New York.....	Gas-Machines. Turrell Gas-Machine Co., New York.....
Architect's Materials. Frost & Adams, Boston..... (row)	Gates. Wm. R. Pitt, New York.....
Artificial Stone. Wm. F. Adams Co., New York, N. Y. (row)	Glass Roofing. Josephus Plenty, New York.....
Asbestos Felt & Boiler Coverings. H. W. Johns Mfg. Co., New York.....	Glass (Stained and Ornamental). Maitland Armstrong & Co., New York.....
Asbestos Felt. H. F. Watson, Erie, Pa.....	Belcher Mason Glass Co., New York.....
Asbestos Paint. H. W. Johns Mfg. Co., New York.....	F. Crownshield, New York.....
Asphalt. Matt. J. Paving Co., New York.....	H. Gieseler, New York, N. Y.....
Asphalt & Wilcox Co., New York.....	Alfred Godwin & Co., Philadelphia.....
New York Mastic Works.....	H. S. Groves & Sons, Philadelphia.....
E. H. Wootton, New York.....	Matthews Decorative Glass Co., New York.....
Asphalt Roofing. Warren Chemical & Mfg. Co., New York.....	Mayer & Co., New York, N. Y.....
Basin Cocks. H. A. Williams Mfg. Co., Boston, Mass. (mon)	W. J. McPherson, Boston.....
Bath-Tub. Miller & Crates, New York.....	McCulley & Miles, Chicago.....
Oswego Indurated Co., Oswego, N. Y.....	Donald MacDonald, Boston.....
Bells. Blake Bell Co., Boston.....	Utica Stained Glass Works, Utica, N. Y. (mon)
Boilers. Babcock & Wilcox Co., New York.....	Granite. Bodwell Granite Co., Rockland, Me.....
Gorton & Laddwood Co., New York..... (row)	Grates, etc. J. S. Conover & Co., New York.....
Harrison Safety Boiler Works, Philadelphia, Pa..... (row)	Eureka Grate Works, Cincinnati.....
Randolph & Clowes, Waterbury, Conn.....	Edwin A. Jackson & Bro., New York.....
Books and Journals. Babcock & Wilcox Co., New York..... (mon)	Wm. H. Jackson & Co., New York.....
Geo. H. Chapin, Boston, Mass..... (mon)	Hardware. (Art) Yale & Towne Mfg. Co., Stamford, Ct.....
Wm. T. Comstock, New York.....	Hardware. Burditt & Williams, Boston.....
Ticknor & Co., Boston.....	A. G. Newman, New York..... (mon)
Ames Manufg. Co., Chicopee, Mass..... (mon)	Harness Bracket. Jas. J. Read, Boston..... (mon)
Brass Goods. J. E. Shannon & Sons, Philadelphia..... (mon)	Heating and Ventilating. Smith & Anthony Stove Co., Boston..... (mon)
Brick (Ornamental). Barnes, Russell & Co., Baltimore, Md.....	Frederic Tudor, Boston, Mass.....
S. Hamilton, Jr., Croton Landing, N. Y.....	Heating-Apparatus (Steam). Bridgeport Steam Heating Co., Bridgeport, Conn.....
Hydraulic Press Brick Co., St. Louis.....	Detroit Heating and Lighting Co., Detroit, Mich.....
Memomone Pressed Brick Co., Memomone, Wis..... (row)	Fuller & Warren Co., Troy, N. Y.....
Peelers Brick Co., Philadelphia, Pa.....	Huyett & Smith Mfg. Co., Detroit, Mich.....
Waldo Bros., Boston.....	Johnson & Morris, New York.....
Brick Machine. The Frey, Shekier Co., Bucyrus, O..... (row)	Page Steam-heating Co., Norwich, Conn.....
Building Felt (Fire and Waterproof). H. W. Johns Mfg. Co., New York.....	Pierce, Butler & Pierce Mfg. Co., Syracuse, N. Y.....
Building Papers. H. F. Watson, Erie, Pa.....	H. B. Smith Co., New York..... (row)
Standard Paint Co., New York, N. Y.....	B. F. Sturtevant, Boston..... (row)
Carpeting, etc. John H. Gray, Sons & Co., Boston, Mass.....	Heliotype Process. Heliotype Printing Co., Boston.....
John McCallum & Co., New York, N. Y.....	Hinges. M. W. Robinson, New York.....
H. S. Northrop, New York.....	Hinges. (Spring). Van Wagener & Williams Co., N. Y.....
Cement (Hydraulic). F. O. Norton, New York.....	Hot-Water Heating. Detroit Heating and Lighting Co., Detroit, Mich.....
Cement. Alsen's Cement Works, New York, N. Y. (row)	Gurney Hot-Water Heater Co., Boston.....
Basier & Meyerstein, New York.....	J. F. Pease Furnace Co., Syracuse, N. Y..... (row)
Brooks, Shoobridge & Co., New York.....	Richmond Stove Co., Norwich, Conn..... (row)
Dickinson Bros. & King, New York.....	Insulated Wire. Ukonite Co., New York, N. Y. (row)
E. W. Fisher, New York.....	Insurance. American Fire Ins. Co., Phila., Pa.....
Howard Fleming, New York.....	Continental Insurance Co., N. Y. (row)
Johnson & Wilson, New York.....	Employers' Liability Assurance Corporation, London, England..... (row)
J. B. King & Co., New York.....	Insurance Co. of North America, Phila.....
Sinclair & Babson, New York.....	Iron-Work (Architectural). Belmont Iron Works, Philadelphia, Pa.....
E. Thiele, New York, N. Y.....	Boston Bridge Works.....
Chair-Seating. Harwood Manufacturing Co., Boston.....	Cheney & Hewlett, New York.....
Chimney Tops. H. M. Hansen, Chicago, Ill..... (mon)	Chrome Steel Works, Brooklyn, N. Y. (row)
Colorist. E. Eldon Deane, Boston, Mass.....	Columbia Iron & Steel Co., Philadelphia, Pa.....
Conductors (Water). Austin Obdyke & Co., Philadelphia.....	Cooper, Hewitt & Co., New York.....
Boston Spiral Tube Works, Boston.....	J. B. & J. M. Cornell, New York.....
Solderless Standing-Seam Conductor Co., Allegheny, Pa.....	J. G. & T. Dumond, New York.....
Conservatories. Lord & Barnham Co., Irvington-on-Hudson, N. Y.....	Jackson Architectural Iron Works.....
Josephus Plenty, New York.....	Manly Mfg. Co., Dalton, Ga.....
Contracting. Flynt Building & Construction Co., Palmer, Mass.....	Mesker & Bro., St. Louis, Mo.....
Cordage. Samson Cordage Works, Boston..... (row)	Pennsylvania Construction Co., Philadelphia, Pa.....
Cornices (Galvanized-Iron). Mesker & Bro., St. Louis, Mo.....	Phoenix Iron Co., Philadelphia.....
Crescent Stairs. S. Cabot, Boston.....	Walton Architectural Iron Co., Cin., Ohio.....
Decorators. J. Haberstroh & Son, Boston.....	Iron-Work and Construction. E. S. Shaw, Boston, Mass.....
Donald McDonald, Boston.....	Japanese Screens. N. N. Hatch, Boston, Mass..... (row)
G. B. Tiffany & Co., New York, N. Y.....	Landscaping-Gardening. D. G. Yates & Co., Philadelphia, Pa.....
Door-Check. Norton Door-Check and Spring Co., Boston.....	Laundry Machinery. Oakley & Keating, New York.....
Door Knobs. J. Bardsley, New York.....	Troy Laundry Machinery Co., Troy.....
Draughtmen's Exchange. E. W. Ferry, Philadelphia, Pa..... (mon)	Linerust Walton. Linerust Walton Manufg. Co., New York.....
Draughtmen's Supplies. Keuffel & Esser Co., New York, N. Y. (row)	Lumber. Vanceboro Wooden Ware Co., Bangor, Me.....
F. Weber & Co., Philadelphia.....	Magnesian Sectional Covering. Magnesian Sectional Covering Co., Ambler, Pa.....
Holtzer & Cabot Co., Boston, Mass.....	Mahogany. E. D. Albro Co., Cincinnati, O..... (row)
Elevators, etc. Crane Elevator Co., Chicago, Ill.....	Mail Chutes. Cutler Manufg. Co., Rochester, N. Y.....
Ellisburgh Air-Brake Co., New York.....	Mailing Tubes. Unexcelled Paper Tube Co., New York..... (mon)
L. S. Graves & Son, Rochester, N. Y.....	Mantels. J. N. Lombard, Boston.....
H. H. Hill, New York.....	Joseph S. Miller & Bro., Philadelphia.....
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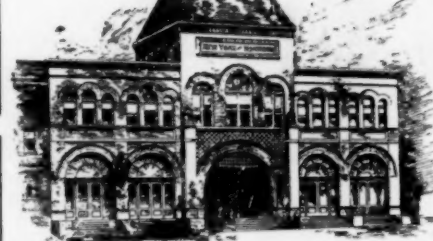
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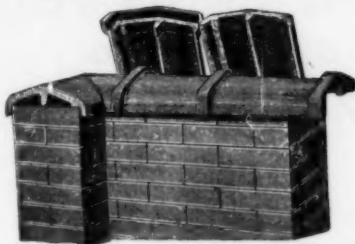
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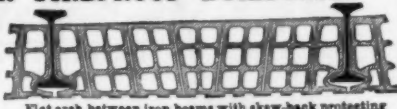
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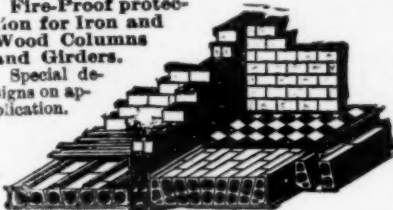
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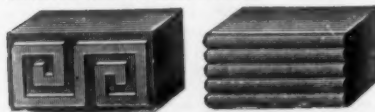
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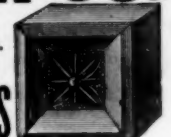
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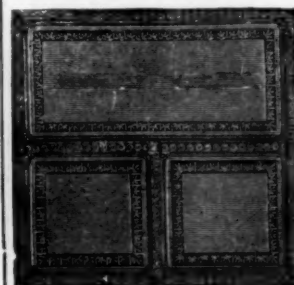
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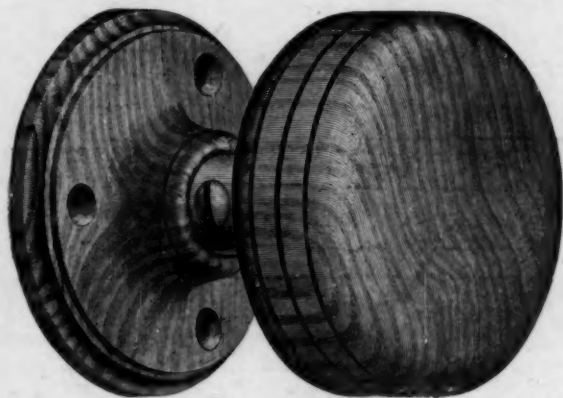
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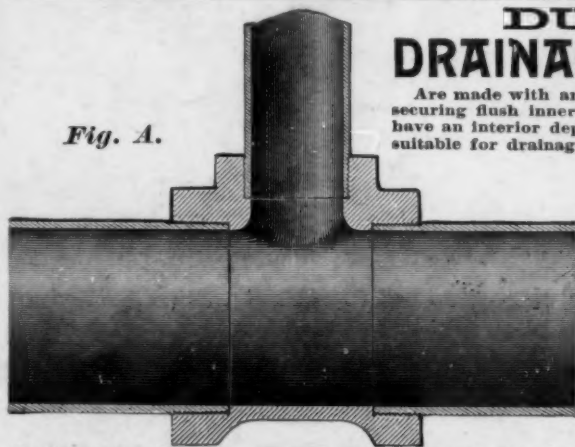
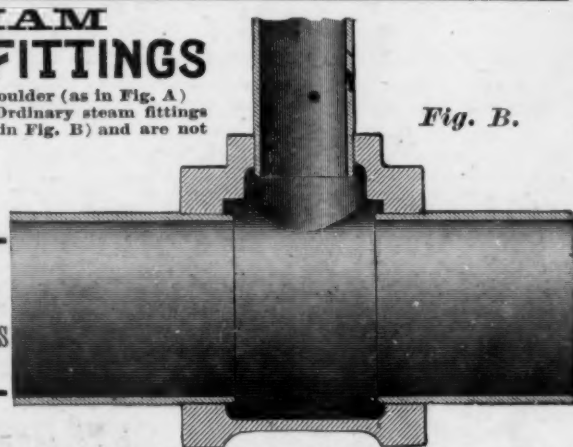


Fig. B.



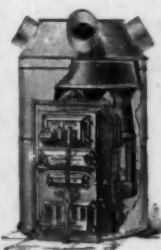
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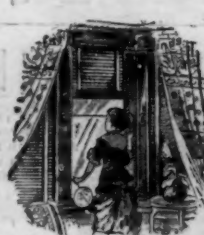
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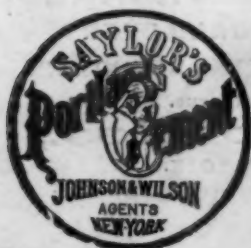
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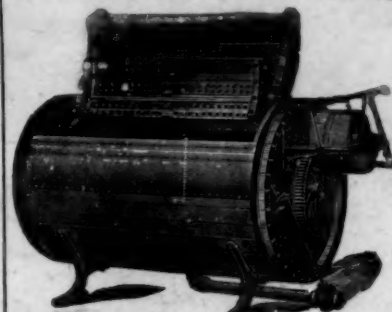


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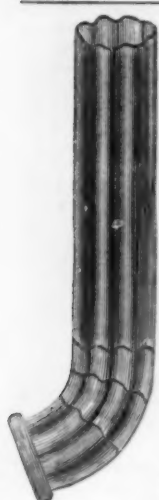
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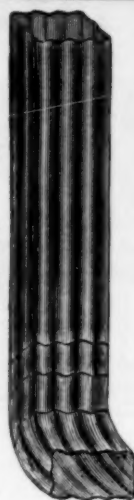
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" 3d quality.....	18 00 @ 22 00	35 00 @ 40 00	14 00 @ 20 00	30 00 @ 35 00
Spruce.....	18 00 @ 25 00	13 00 @ 25 00	Not sold.	16 00 @ 20 00
Hemlock.....	ea 13 @ 14	13 00 @ 15 00	12 00 @ 12 00	11 25 @ 13 50
Yellow pine.....	20 @ 40	25 00 @ 35 00	29 00 @ 37 00	14 00 @ 29 00
Cypress.....	@	32 00 @ 40 00	@	@ 35 00
Clapboards:				
Pine.....	@	40 00 @ 60 00	10 00 @ 22 00	14 00 @ 25 00
Spruce.....	@	25 00 @ 45 00	Not sold.	Not sold.
Framing Timber:				
Pine.....			12 00 @ 15 30	25 00 @ 37 30
Spruce.....	14 00 @ 18 00	15 50 @ 20 00	Not sold.	16 00 @ 18 00
Hemlock.....	14 00 @ 16 00	14 00 @ 16 00	10 00 @ 13 00	13 00 @ 17 00
Yellow pine.....	18 00 @ 21 00	24 00 @ 35 00		22 00 @ 28 00
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Pine.....	@	2 25 @ 2 35	2 10 @ 2 25	2 75 @ 3 00
Spruce.....	2 30 @ 2 35	2 25 @ 2 50	Not sold.	2 30 @ 3 00
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Pine, shaved..... P. M.	5 00 @ 6 00	@	Not sold.	
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Fence pickets, Commo.....	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	49 @ 1 25
Chestnut.....	@	25 @ 50	Not sold.	20 @ 30
Finishing Woods: P. M. (First Qual.)				
Ash..... (Kiln-dried.)	@ 55 00	45 00 @ 60 00	80 00 @ 40 00	30 00 @ 40 00
Cherry.....	80 00 @ 120 00	55 00 @ 120 00	80 00 @ 100 00	80 00 @ 100 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 @ 180 00	150 00 @ 200 00	150 00 @ 250 00
Mapogany, Baywood (Mexican).....	@ 350 00	120 00 @ 350 00	200 00 @ 250 00	200 00 @ 400 00
St. Domingo.....	45 00 @ 50 00	45 00 @ 50 00	18 00 @ 35 00	25 00 @ 55 00
Maple.....	@ 70 00	50 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.....	@ 70 00	65 00 @ 80 00	45 00 @ 50 00	60 00 @ 75 00
" quartered.....	@ 90 00	50 00 @ 55 00	35 00 @ 50 00	87 00 @ 65 00
Sycamore quartered.....	@ 70 00	50 00 @ 75 00	35 00 @ 50 00	65 00 @ 65 00
Pine, clear.....	55 00 @ 70 00	50 00 @ 70 00	55 00 @ 65 00	60 00 @ 75 00
Redwood.....	80 00 @ 70 00	@		
Rosewood..... P. B.	@ 6	32 00 @ 35 00		
Spruce floors (clear, kiln-dried).....	125 00 @ 150 00	80 00 @ 120 00	55 00 @ 100 30	50 00 @ 170
Walnut, black.....	45 00 @ 50 00	40 00 @ 45 00	18 00 @ 40 00	25 00 @ 40 00
Whitewood.....	@ 45 00	40 00 @ 45 00	19 00 @ 40 00	37 50 @ 45 00
Yellow pine..... P. M.	@			

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	New York.	Boston.	Chicago.	Philadelphia.
BRICK.—P M.				
(Wholesale Prices.)				
Common: Cargo about.				
Pale.....	2 50 @ 3 25			
Jersey.....	4 00 @ 5 50			
Long Island.....	5 50 @ 6 00			
Up River.....	4 50 @ 5 50			
Haverstraw Bay Ind.....	5 00 @ 5 50			
" 1st.....	5 75 @ 6 00			
Hollow.....	13 00			
Fronts.....				
Croton, Brown.....	14 00 @ 15 00			
" dark.....	15 00 @ 16 00			
" red.....	15 00 @ 16 00			
Chicago pressed (Anderson).....				
Chicago Moulded.....				
Baltimore.....	7 00 @ 41 00			
Philadelphia.....	@ 22 00			
Trenton.....	@ 22 00			
Milwaukee.....				
Moulded:				
Glens Falls Red Pressed.....	@ 37 00			
" " Buff.....	@ 30 00			
" Moulded Red & Buff.....	45 00 @ 70 00			
Enamelled: 1/2 in.				
Enamelled (edge).....	85 00 @ 100 00			
Enamelled (edge and end).....	90 00 @ 115 00			
CEMENT, LINK, etc.—(P each.)				
Rosendale Cement.....	90 @ 1 10			
Louisville.....	Not sold.			
Utica, Akron, Buffalo, Milwaukee.....	2 50 @ 3 00			
Portland, English (Gibbs).....	2 50 @ 3 00			
" (K. B. & S.).....	2 25 @ 2 50			
" " Black Cross.....	2 50 @ 3 00			
" " (Burham).....	2 50 @ 3 00			
" " (White's).....	2 65 @ 3 00			
" French (Lafarge).....	3 60 @ 3 75			
" German (Alsen).....	2 90 @ 3 25			
" " (Fowler).....	2 25 @ 2 40			
" " (Vorwöhler).....	2 50 @ 2 90			
" " (Lagerdofer).....	2 90 @ 3 25			
" " (Dyckerhoff).....	2 50 @ 3 00			
" " (Hanover).....	2 25 @ 2 85			
" " Stettin (Anchor).....	2 15 @ 2 45			
" American (Saylor's).....	2 75 @ 3 00			
Roman.....	5 75 @ 6 50			
Keene's coarse.....	9 25 @ 10 25			
" superfine.....				
Lime:				
Lime of Tell.....	3 50 @ 4 00			
Hydraulic Lime.....	@ 1 45			
Chicago Lime in bulk.....				
Wisconsin.....	@ 1 00			
Rockland and Rockport, (Conn.).....	@ 1 20			
Rockland and Rockport, (Conn.).....	@ 1 20			
Kelley Island Lime, (Conn.).....	@ 85			
State, com. cargo rates (nom.).....	@ 1 10			
Plaster of Paris (saturated).....	1 30 @ 1 35			
" (casing).....	1 30 @ 1 35			
Hair (Cattle) 1/2 bush.....	12 @ 15			
" (Goat).....	22 @ 25			
Sand, 1/2 load.....	1 00 @ 1 25			
STONE.—(P cubic foot, rough.)				
Granite: (Maine)				
Limestone:				
Bedford.....	45 @ 1 25			
Joliet.....	@ 1 00			
Lemont.....				
Serpentine.....				
Eastern:				
9 00 @ 10 00				
Hay State Hard				
10 00 @ 10 10				
Domestic Com.				
9 50 @ 10 00				
Domestic Face				
20 00 @ 22 00				
Philadelphia				
40 00 @ 45 00				
Phila. mould				
50 00 @ 50 00				
Anderson				
14 00 @ 32 00				
Building Brick				
Eastern				
9 00 @ 10 00				
Hay State Hard				
10 00 @ 10 10				
Domestic Com.				
9 50 @ 10 00				
Domestic Face				
20 00 @ 22 00				
Philadelphia				
40 00 @ 45 00				
Phila. mould				
50 00 @ 50 00				
Anderson				
14 00 @ 32 00				
Indiana Pressed				
14 00 @ 20 00				
St. Louis Fronts				
@ 27 00				
Sq. Hard				
@ 12 00				
Sq. " " "				
@ 12 00				
Light Stret				
@ 12 00				
Medium " "				
@ 14 00				
Red " "				
@ 15 00				
Dark " "				
@ 15 00				
Pressed				
22 00 @ 26 00				
Best Paving				
@ 16 00				
Second " "				
@ 14 00				
Third " "				
@ 13 00				
Dom. { @ 65				
@ 85				
Not Sold.				
1 30 @ 50				
B & S.E. 275 @ 300				
2 85 @ 3 25				
2 85 @ 3 15				
2 75 @ 3 00				
2 85 @ 3 15				
2 75 @ 2 85				
Hemmoor				
2 50 @ 2 75				
2 75 @ 2 85				
Josson				
2 50 @ 2 75				
3 00 @ 3 25				
2 75 @ 2 85				
White Lime				
25 @ 30 1/2 bush				
White Maan				
1 25 @ 1 50				
1 00 @ 1 00				
Not sold.				
1 50 @ 2 25				
1 75 @ 2 50				
30 @ 25				
30 @ 35				
30 @ 1 50				
Not sold.				
50 @ 65				
75 @ 90				
Richmond				
75 @ 1 00				
4 50 1/2 Parah				

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Black, brown, buff	1 25			
Colorific	1 25			
Red	1 25			
White	1 75			
Foundation:				
Block		5 00	20	5 00
Rubble		4 60	15	2 50
Bluestone: (per sq. ft.)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 25
Planned	50 @ 6 00		80 @ 1 00	37 @ 50
Sandstone:				
Longmeadow	80	80 @ 90		95 @ 1 16
Kilbe	90	90 @ 1 10		105 @ 1 35
Brown (Connecticut)	1 00 @ 95	1 25 @ 1 45	1 50 @ 1 50	55 @ 1 00
Amherst	90 @ 95	80 @ 90	45 @ 50	
Berea	75 @ 1 00	80 @ 90	45 @ 55	
Berlin	75 @ 1 00	80 @ 90	55 @ 65	
Bellefonte	80 @ 1 25	1 25 @ 1 35	" 1 25	110 @ 1
New Brunswick (Dorchester)	1 00	75 @ 90		1 00 @ 1
Caen	1 05	1 05		1 25 @ 1
Carlisle, English	1 05	1 05		95 @ 1
Corse Hill (Scotch)	1 05			
Marble: (per cu. ft.)				
Leo, Mass.		1 75 @ 2 50	Not sold.	2 00 @ 2 50
Rotland, white and blue		3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	2 00	3 50 @ 6 00	1 70 @ 3 00
Glens Falls, black			Not sold.	4 00 @ 4 50
Italian, blue-veined			Not sold.	2 50 @ 2 75
" Sienna			Not sold.	4 00 @ 5 00
Tennessee, red			Not sold.	4 00 @ 6 00
" Knoxville			Not sold.	3 00 @ 4 00
Pennsylvania, blue			Not sold.	2 00 @ 3 00
Vermont, white			3 50 @ 6 00	2 25 @ 3 00
Slate: (per square)				
green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" unfading	6 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	4 25 @ 4 75	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" black, Lehigh			6 25 @ 8 85	3 25 @ 4 00
" "Chapmans"			7 30 @ 8 00	4 00 @ 4 65
" Unfading Black, Monson, Me.	5 50 @ 8 00	5 50 @ 8 0	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am.			Not sold.	6 00 @ 25 00
N. Poach Bottom, warranted unfading				6 00 @ 6 75
PAINTS. (in oil, per lb.)				
White lead, Am.	7 @ 7 1/2	7 1/2	6 1/2 @ 7	7
" Zinc	5 @ 8 1/2	7 1/2	7 1/2 @ 10 1/2	7
Red lead, Am.	6 1/2 @ 7	7 1/2	7 1/2 @ 2 1/2	7
" Venetian	6 @ 10 1/2	7 1/2	12 @ 2 1/2	6 1/2
Vermilion	65 @ 20	72 @ 20	65 @ 20	7
Red Indian, Eng.	12 @ 15	7 @ 12	3 @ 15	11
Yellow Ochre	6 @ 20	18 @ 25	15 @ 25	18
" Chrome	8 @ 13	8 @ 20	8 @ 20	12
Green (Paris)	25 @ 40	25 @ 40	18 @ 35	25
Green, lamp	15 @ 25	15 @ 25	8 @ 30	12
Sine, ultramarine	12 @ 18	18 @ 30	12 @ 35	20
Oil, linseed, (raw)	60 @ 63	61 @ 62	57 @ 60	58
" "boiled"	63 @ 66	64 @ 65	63 @ 63	61
Turpentine	37 @ 38	46	51 @ 51	50
Varnish, coach		1 50 @ 6 00	1 25 @ 2 00	3 00
Shellac		2 50 @ 3 00	2 25 @ 4 00	2 75
Putty	2 @ 4	2 @ 4	2 @ 1 1/2	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 @ 7	7
Litharge, Am.	54 @ 6	14 @ 20	4 @ 16	14
Sienna (burnt)	14 @ 20	14 @ 20	2 @ 10	12
Umber	14 @ 20			
HARDWARE.				
Nails: (Per Cask.) Spikes, (wrought.)	2 85	2 5	2 75 @ 3 00	pr kg @ 2 25
10d. common	2 60	2 45	2 25	2 30
Shingle	3 35	3 65	2 75	2 60
Lath	4 85		3 65	3 60 @ 4 75
Finishing nails according to size.			Add .85 to \$1.15	per lb @ 6
(For casing nails add 75c. per keg.)			".50 to .30	Add pr cask
Butts: 4"x 4"				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	65	50	Not sold.	48 @ 50
Bronze metal	1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Brass (for supboards)	10	10	12	@ 1 00
Ebony				37 @ 1 00
Apple wood				
Knobs: (per set.)				
Mineral, best	8	8	8 @ 10	@ 08
Lava	50	17 @ 35	65 @ 80	Not sold.
Hemacite	Not sold	10	31 @ 40	25 @ 25
Porcelain	30	50	25 @ 30	100 @ 2 50
Glass, solid	Not sold	88 @ 1 00	Not sold.	1 75 @ 2 00
Glass, silvered	Not sold	50 @ 3 00	50 @ 3 00	50 @ 3 50
Bronze metal	75 @ 2 00	50 @ 3 00	1 00 @ 3 00	75 @ 1 25
Brass	1 00 @ 2 50		13 @ 16	13 @ 16
Solder:				
Sheet Lead		6 1/2	7	6 @ 6
Lead Pipe			6 1/2	
Iron:				
I-Beams, up to and including 30 ft.	3 3-10 @ 3 1/2	@ 3 1-10		@ 2 8-10
T-Beams, over 30 ft. 1, 1, 1/2 c. advance.	3 3-10 @ 3 1/2	@ 3 1-10	3 20 @ 3 70	@ 2 8-10
Channel-Beams				@ 2 8-10

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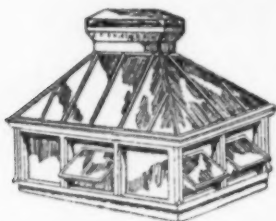
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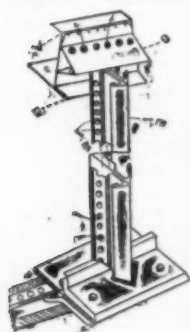
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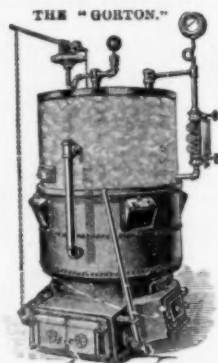
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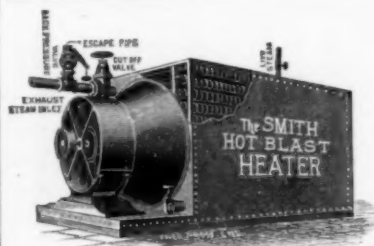
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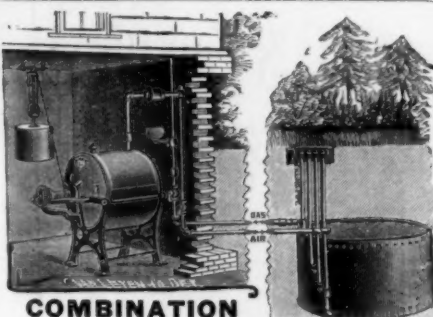
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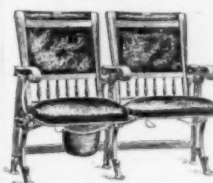
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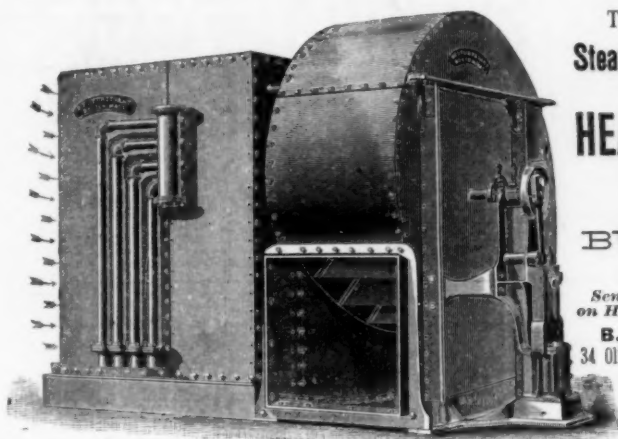
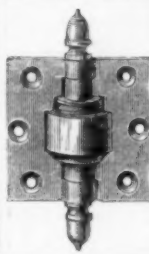
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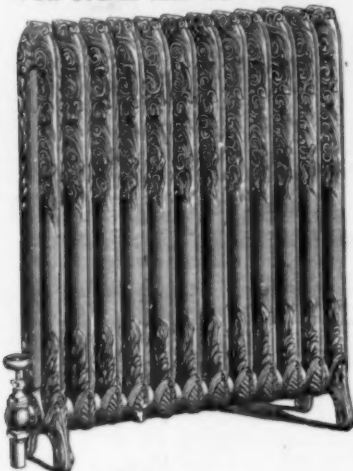
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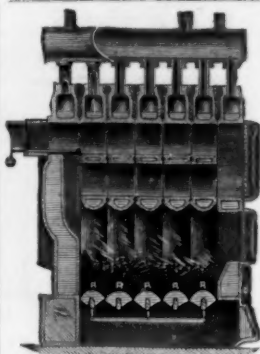
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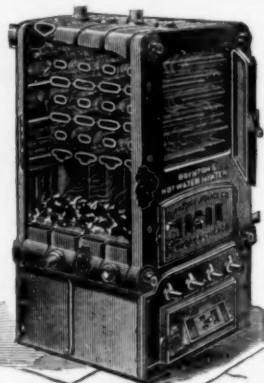
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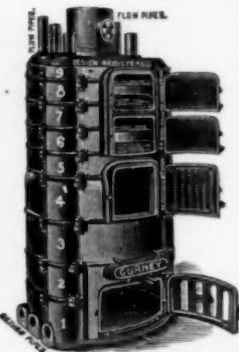
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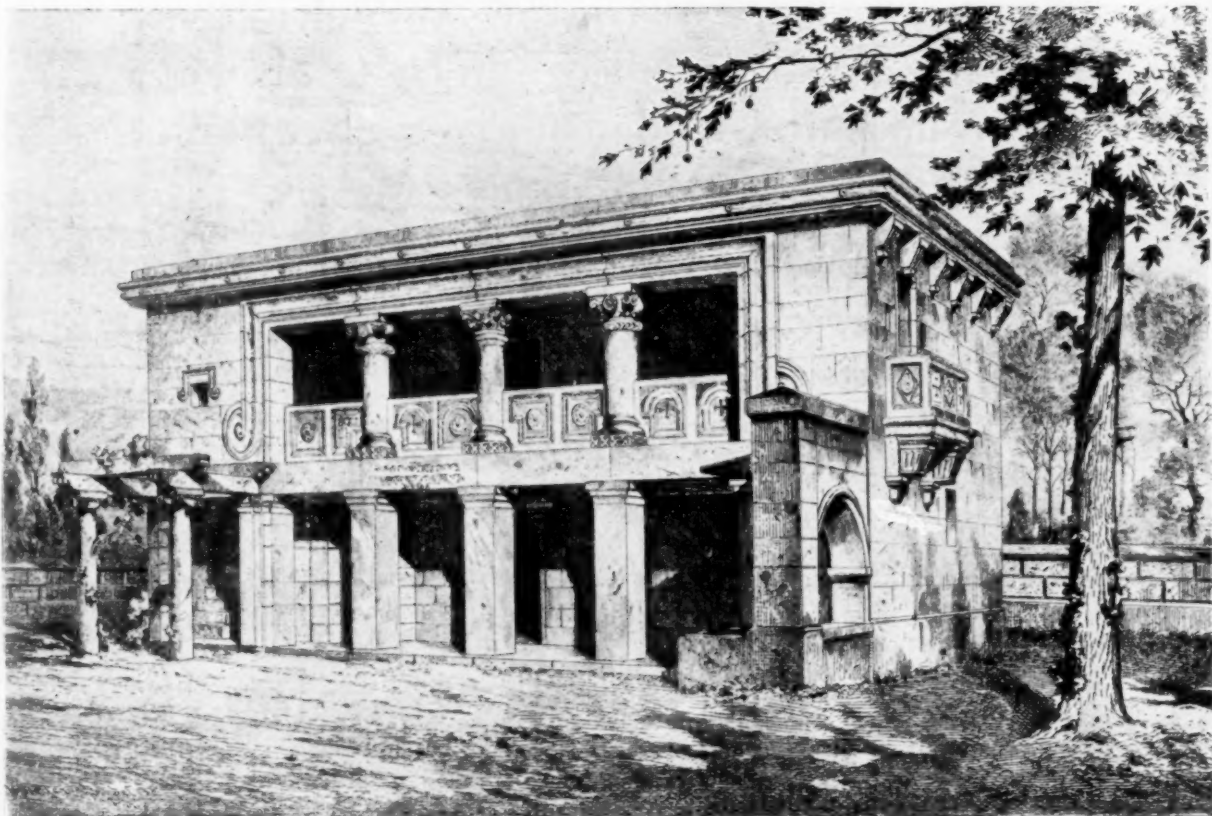
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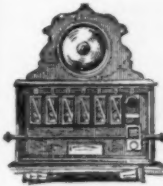
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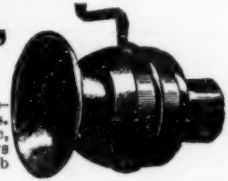
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Architects, painters, builders, owners of modern houses, and people that notice the finish of wood-work in modern buildings, know that varnish deteriorates. The common experience with it stops right there.

A proper varnish job in house-work does not deteriorate. It is better at first than is commonly known; and it lasts indefinitely.

What is it? How does it differ from common jobs? How costly is it? How can it be got? Is it practicable?

These are the questions the Architect ought to be able to answer. If he can answer them, he is competent as to varnish, if not, he had better take up the subject.

What is a proper varnish job in house-work? A permanent glaze.

How does it differ from common jobs? Common jobs are not permanent. They "go off" in rust or become impoverished.

How costly is it? The varnish itself is Transparent Wood Finish, Interior and Exterior, \$2.50 and \$4. a gallon respectively (while oil-finish, which is commonly used, costs 75 cents to \$1.25); and the work costs little or much according to rubbing. Rubbing has nothing to do with its lasting; it has to do with the style of finish only.

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The American Architect and Building News

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New Advertisements.

W. H. MULLINS (Salem, O.), Sheet Metal Work. Page xviii.
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BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

ALTERATIONS.

Boston, Mass.—Aron Pl., Nos 17 and 19, Ward 10, put in new front of store and offices; owners, C. U. Cotting and Stephen H. Williams, Jr.; builders, C. A. Noyes & Co.

Brooklyn, N. Y.—Reid Ave., s w cor. Monroe St., two-sty brick James M. E. Church, slate roof, two-sty brick extension added; cost, \$25,000; owners, Board of Trustees, George W. Stone, President, 55 Monroe St.; architect, J. E. Brown, 586 Hancock St. Lafayette Ave., No. 151, four-sty brick and stone dwell., tin and slate roof, one-sty brick extension added and internal alterations; cost, \$3,000; owner, Thos. M. Bartlett, 151 Lafayette Ave.; architect, John M. Hinchman, 102 Montague St.

Cambridge, Mass.—Brattle St., addition to St. John's Memorial Chapel, new vestry, changing sitting arrangements and organ; contract to be let; architect, Henry Vaughan, Boston.

Chicago, Ill.—G. W. Binford, 2 two-sty additions, 46-48 Fifty-third St.; cost, \$2,000.
M. Formy, one-sty addition, 161 Washburn St.; cost, \$2,000.
Charles Kaeleerd, three-sty addition and barn, 39 Sidney Ct.; cost, \$3,000.

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Charles F. Hallman, two-sty addition, 330-338 North Wood St.; cost, \$5,000.
J. C. Wintermeyer, repairs, etc., 546-552 Clark St.; cost, \$3,000.

Concord, N. H.—Addition to rectory for St. Paul's Society; architect, Henry Vaughan, Boston; builder, E. B. Hutchinson.

Grand Rapids, Mich.—The New England Furniture Co., six-sty addition to their factory; cost, abt. \$25,000.

Melrose, Mass.—Alterations to interior and exterior of frame High School-house; contract to be let; architects, Loring & Phipps, Boston.

Philadelphia, Pa.—Locust St., additions to vestry and parish-house for St. Mark's Society; architect, Henry Vaughan, Boston.

Toledo, O.—Adams and Summit Sts., two-sty addition, elevator and steam-heating apparatus for mercantile building; cost, abt. \$14,000; owner, C. Bronson; architects, Bacon & Huber; contractor, M. J. Malone.

APARTMENT-HOUSES.

Boston, Mass.—Marlborough St., No. 199, cor. Exeter St., Ward 11, seven-sty apartments, flat roof, 30' x 90'; owner, Seth E. Baker; builder, Davis Rand.
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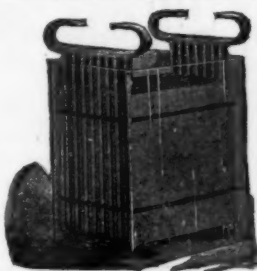
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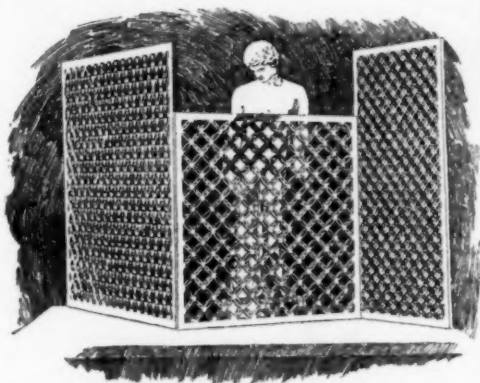
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Chicago, Ill.—G. Johnson, two-sty flats, Ninety-first St., near Superior St.; cost, \$2,000.

G. L. Barth, three-sty flats, 5409 Atlantic St.; cost, \$2,000.

Peter Rankin, two-sty flats, 6716 St. Lawrence St.; cost, \$2,000.

D. H. Harden, two-sty flats, 216 Seminary Ave.; cost, \$5,000.

Albert Krutzer, two-sty flats, Ninety-first St. and Escanaba Ave.; cost, \$2,500.

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D. S. Bain, 2 two-sty flats, 1264 Wilcox St.; cost, \$3,000.

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W. C. Ehlers, two-sty flats, Baxter St., near Belmont Ave.; cost, \$2,100.

W. B. Scott, 2 two-sty flats, 123-125 Lewis St.; cost, \$6,000.

Charles Franz, 3 two-sty flats, 888-886 Turner Ave.; cost, \$10,500.

C. F. Vincent, two-sty flats, Emerald St., near Sixty-eighth St.; cost, \$2,300.

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Conral Korschel, two-sty flat, 4518 Wabash Ave.; cost, \$3,700.

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Albert Finigan, two-sty flats, 927 West Polk St.; cost, \$4,500.

Fred. Max, four-sty flats, 111 Walton Pl.; cost, \$6,000.

E. A. Hostles, two-sty flats, 23 California Ave.; cost, \$3,500.

H. C. Skolen, two-sty flats, 764 Jane St.; cost, \$4,000.

R. W. Younger, two-sty flats, Ewing Ave. and West Ninety-ninth St.; cost, \$2,000.

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John Kosek, two-sty flats, 1335 Hinman St.; cost, \$3,000.

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Mrs. Kate Fourhoff, two-sty flats, 1231 West Congress St.; cost, \$4,400.

Kurd O. Bolstad, two-sty flat, 130 Barclay St.; cost, \$6,000.

Charles Felt, two-sty flat, 1782 North Clark St.; cost, \$2,200.

C. A. Webb, four-sty flats, 78-80-82-84 South Sycamore St.; cost, \$15,000.

A. A. Lee, 2 three-sty flats, 257-259 Austin Ave.; cost, \$10,000.

John Rourke, three-sty flat, 55 Orchard St.; cost, \$3,000.

James E. Cullerton, two-sty flat, 1182 Taylor St.; cost, \$3,300.

John Egan, four-sty flat, 202 North Curtis St.; cost, \$10,000.

William Bruhn, two-sty flats, 74 Newton St.; cost, \$3,300.

Thomas J. Wells, three-sty flats, 111 South Lincoln St.; cost, \$5,000.

Alexander Leaf, three-sty flats, 363 North Franklin St.; cost, \$3,000.

Wise & McCready, two-sty flats, Winter St., near Fifty-seventh St.; cost, \$3,500.

A. G. Burchier, two-sty flats, Thirty-first and Bishop Sts.; cost, \$2,500.

New York, N. Y.—One Hundred and Seventh St., Madison and Fourth Aves., 16 five-sty brick and brownstone flats; architect, Geo. H. Griebel.

East Eighty-ninth St., Nos. 438-440, 2 five-sty brownstone flats; cost, \$32,000; owner, B. Von Barber; architect, F. Wennemer.

Forty-eighth St., n. s. bet. Ninth and Tenth Aves., five-sty brick and stone flat; cost, \$15,000; owner, Alex. Moore; architect, George Keister.

Thirty-ninth St., s. s. 175' w Ninth Ave., 2 five-sty brick, stone and terra-cotta flats; cost, \$40,000; owners, Weil & Mayer; architect, G. F. Pelham.

One Hundred and Twenty-third St., s. s. 175' w Seventh Ave., 5 five-sty flats; cost, \$110,000; owner, Elizabeth K. Smith; architect, R. R. Davis.

One Hundred and Fourth St., n. s. 155' w Park Ave., 2 five-sty brick flats, tin roofs; cost, \$21,000; owner, John S. Scott, 4 West One Hundred and Thirtieth St.; architect, John C. Burne, 1531 Third Ave.

One Hundred and First St., s. s. 300' w Ninth Ave., five-sty brick flat, tin roof; cost, \$20,000; owner, Henry S. Cates, 32 Warren St.; architect, Henry Davidson, 222 Ninth Ave.

Eightieth St., n. w cor. Amsterdam Ave., 5 five-sty brick flats, tin roofs; cost, \$125,000; owners, Gordon Bros., 230 East Forty-second St.; architect, G. Schellinger, 128 Broadway.

East Eighty-fifth St., Nos. 73-75, 2 five-sty brick flats, tin roofs; cost, \$40,000; owner and architect, Martin Joseph Hackett, 237 East Thirty-third St.

East Eighty-fifth St., No. 75, five-sty brick flat, tin roof; cost, \$25,000; owner and architect, Martin Joseph Hackett, 237 East Thirty-third St.

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Ave., five-sty brick flat, tin roof; cost, \$20,000; owner, Rody McLaughlin, 363 Brook Ave.; architect, John C. Burne, 1531 Third Ave.

One Hundred and Fifth St., n s, 100' w Tenth Ave., five-sty brick flat, tin roof; cost, \$25,000; owner, Francis Richards, Bloomingdale, Passaic Co., N. J.; architect, Elbert D. Hawes, 1389 Broadway.

Fifth Ave., s w cor. One Hundred and Sixteenth St., 2 five-sty brick flats, tin roofs; cost, \$75,000; owner, Hadebold Wenz, 22 East One Hundred and Ninth St.; architect, Edward Wenz, 1491 Third Ave.

One Hundred and Fourth St., n s, 150' e Madison Ave., 2 five-sty brick flats, tin roofs; cost, \$36,000; owner, William M. Thornton, 51 East One Hundredth St.; architect, H. A. Thornton, 51 East One Hundredth St.

One Hundredth and Second St., n s, 200' e Tenth Ave., 4 five-sty brick flats, tin roofs; cost, \$64,000; owner, Frederick Haek, 7 West One Hundred and Twenty-second St.; architects, Cleverdon & Putzell, 529 Broadway.

Eighty-ninth St., s s, 160' e First Ave., 2 five-sty brick flats, tin roofs; cost, \$38,000; owner, Mary Henley, 249 East Eighty-fourth St.; architect, Edward Wenz, 1491 Third Ave.

One Hundred and Seventeenth St., s e cor. Pleasant Ave., 2 five-sty brick flats, tin roofs; cost, \$38,000; owner, Ann Reilly, 417 East One Hundred and Fifteenth St.; architect, John P. Walther, 230 East One Hundred and Twenty-fifth St.

Ninety-seventh St., n s, 200' e Fourth Ave., 4 five-sty brick flats, tin roofs; cost, \$76,000; owners, L. S. & A. C. Quackenbush, 242 East Eighty-seventh St.; architect, Edward Wenz, 1491 Third Ave.

Seventy-eighth St., n e cor. Tenth Ave., 4 five-sty brick flats, tin roofs; cost, \$113,000; owner, Theodore A. Conder, 1608 First Ave.; architect, Edward Wenz, 1491 Third Ave.

Lenox Ave., s w cor. One Hundred and Thirty-fourth St., five-sty brick flat, tin roof; cost, \$25,000; owner, Elizabeth Ferriter, 314 East One Hundred and Twenty-sixth St.; architect, J. Averill Webster, 110 East One Hundred and Twenty-fifth St.

One Hundred and Fifteenth St., s s, 94' w Avenue A, 5 five-sty brick flats, tin roofs; cost, \$90,000;

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owner, Mathew Coogan, 422 East One Hundred and Fifteenth St.; architects, Cleverdon & Putzell, 529 Broadway.

Eight Ave., n w cor. Twenty-eighth St., five-sty brick flat, tin roof; cost, \$15,000; owner, Andrew Leary, 303 West Twenty-eighth St.; architect, Jas. W. Cole, 403 West Fifty-first St.

West Seventeenth St., No. 45, five-sty brick flat, tin roof; cost, \$20,000; owner, John M. Curley, One Hundred and Sixteenth St. and Tenth Ave.; architect, Frederick Jenth, 191 Forsyth St.

Ninety-sixth St., s s, 30' w Lenox Ave., 4 five-sty brick flats, tin roofs; cost, \$75,000; owner, Francis J. Schnugg, 9 East Eighty-fifth St.; architect, Louis Eutzer, Jr., 179 East Ninety-sixth St.

One Hundred and Twentieth St., n s, 150' w Eighth Ave., 2 five-sty brick flats, tin roofs; cost, \$20,000; owner, Annette Shannon, 340 West Fifty-first St.; architect, John C. Burne, 1531 Third Ave.

Lenox Ave., n w cor. One Hundred and Thirty-third St., five-sty brick flat, tin roof; cost, \$30,000; owner, Mary J. Meagher, 325 East One Hundred and Twenty-third St.; architect, Andrew Spence, 63 East One Hundred and Twenty-fifth St.

East Twenty-seventh St., Nos. 216-218-220-222, 4 five-sty brick flats, tin roofs; cost, \$88,000; owner, Justus H. Zimmermann, 11 West One Hundred and Thirty-third St.; architect, Charles Rents, 153 Fourth Ave.

CHURCHES.

Buffalo, N. Y.—Contracts have been let for a new church and monastery for the Franciscan Friars, building to be of stone, ashlar of Medina red sandstone, cutstone of New Brunswick brown sandstone; cost, \$92,000; architects, Cyrus K. Porter & Son; contractor, John O'Connor.

FACTORIES.

Boston, Mass.—Congress St., cor. Farnsworth St., Ward 13, six-sty brick factory, flat roof, 60' x 102'; owners, Boston Wharf Co.

Camden, N. J.—Mechanic St., e West Jersey R. R., one-sty brick factory; contractors, Farr & Bailey Co.

New York, N. Y.—West Third St., No. 70, three-sty brick factory, tin roof; cost, \$6,000; owner, Raimundo Barretti, 50 West Fourth St.; architect, A. C. Newman, 237 Broad St.

Philadelphia, Pa.—Westminster Ave., cor. Riley St., three-sty factory; contractors, Wm. Steele & Son, 2436 North Front St.

St. John St., No. 506, four-sty factory; contractor, Wm. E. Beeten, 519 Commerce St.

American St., e s, n Diamond St., two-sty office and two-sty factory; contractor, E. Thompson, 1609 North Eighth St.

HOUSES.

Boston, Mass.—Frost Ave., near Boutwell Ave., Ward 24, two frame dwells, 32'6" x 44'; owners, Annie M. Frost and E. A. Kimball.

Bainbridge St., near Washington St., Ward 21, 2 three-sty frame dwells, pitch roofs, 34' x 80'; owner and builder, W. B. Quigley.

Greene St., near Commercial St., Ward 24, one-sty frame dwell, 18' x 30'; owner, Jas. Farren; builder, W. Osborn.

East Sixth St., Nos. 647 and 649, 2 three-sty frame dwells, flat roofs, 21'9" x 63'; owner, David B. Sutton; builder, W. T. Eaton.

Rockview St., near Green St., Ward 23, two frame dwells, pitch roof, one with hip roof, 14' x 51'; owner, E. C. Keller; builder, George Cahill.

Elmwood St., off Billings St., Ward 23, frame dwell, 24' x 33'; owner and builder, W. F. Cassidy.

Sedgewick St., near Allston St., Ward 24, frame dwell, 23'3" x 40'; owner and builder, J. H. Beale.

BUILDING INTELLIGENCE.

Dawson St., near Dewey St., Ward 20, three-sty frame dwell, flat roof, 24' x 60'; owner, Patrick Herlihy; builder, Samuel Rantin.

Alban St., cor. Ashmont St., Ward 24, frame dwell, 29'6" x 58'; owner, Mrs. S. E. W. Smith.

Marginal St., No. 284, Ward 2, two-sty frame dwell, and store, flat roof, 23' x 38'; owner, Chas. Davis; builder, John G. Martin.

Sparhawk St., Nos. 22 and 24, Ward 25, frame dwell, 36' x 40'; owners, S. N. Davenport & Learned; builder, C. W. Mead.

Walnut Ave., Nos. 140 to 144, Ward 21, 3 two-sty brick dwells, flat roofs, 22' x 65'; owner, D. S. Dunbar estate; builder, W. T. Eaton.

Phillips St., No. 21, rear No. 23, Ward 22, 2 three-sty frame dwells, flat roofs, 24' x 27'; owner, Mary A. Cleary; builder, M. J. O'Brien.

Mento St., near Sparhawk St., Ward 25, frame dwell, 32' x 42'; owners, S. N. Davenport and Learned; builder, I. N. Davenport.

Augustus Ave., near Whiteford St., Ward 23, frame dwell, 22' x 37'; owner, John Forger; builder, Sittig Bros.

Elmwood St., near opp. Billings St., Ward 23, frame dwell, 23' x 28'; owner, Sarah E. Jones; builder, W. S. Cassidy.

Virginia St., near Bird St., Ward 20, three-sty frame dwell, pitch roof, 41' x 49'; owner, W. H. Sayward; builders, Burke Bros.

North Beacon St., near Everett St., Ward 25, two frame dwells, one 17'5" x 47'4", the other 20' x 43'2"; owner, Hobart Moore; builder, J. H. McLeod.

Mansfield St., near opp. Aldie St., Ward 25, frame dwell, 28' x 33'; owner, Mrs. A. V. Canning.

Ashford St., cor. unnamed st., near Pratt St., Ward 25, frame dwell, 23' x 49'6"; owner, Mrs. Ada Hammond; builder, J. H. McLeod.

Walden St., No. 49, Ward 22, two-sty frame dwell, hip roof, 24' x 40'; owner, W. Smith; builders, Lemmler & Wagner.

Bernard St., near Park St. ext., Ward 24, frame dwell, 25' x 40'6"; owner, Eugene F. Blossom; builder, C. A. Russell.

Brooklyn, N. Y.—Harrison Ave., e s, 75' s Gwinnett St., three-sty frame dwell, tin roof; cost, \$4,300; owner, Adam Kessel, 143 Harrison Ave.; architect, Richard Von Lehn, 109 Walton St.

Essex St., e s, 100' s Ridgewood Ave., 6 two-sty frame dwells, tin roofs; cost, \$2,000 each; owner, Sarah G. O'Donohue, 206 Hendrix St.; architect, Charles Meens, 2879 Atlantic Ave.

Energy Ave., n e s, 20' n Winfeld St., 8 two-sty frame dwells, tin roofs; cost, \$2,850 each; owners and architects, Cozine & Gascoine, 1225 Bushwick Ave.

Wallabout St., s s, 137' e Classon Ave., three-sty frame dwell, tin roof; cost, \$5,000; owner, Henry Bieg, 48 Wallabout St.; architect, Th. Engelhardt, 905 Broadway.

Fulton Ave., n s, 100' e Chestnut St., three-sty frame dwell, tin roof; cost, \$4,000; owner, P. W. Reilly, 51 East Sixty-second St., New York; architect, Wm. Danmar, 2921 Atlantic Ave.

Suydam St., s s, 150' e Hamburg Ave., three-sty frame dwell, tin roof; cost, \$4,500; owner and architect, Adam Wolfreier, 242 Troutman St.

Court St., e s, 29'8" n Third Pl., four-sty brick dwell and store, tin roof; cost, \$5,500; owner, Wm. H. Middendorf, 427 Court St.; architect, J. H. Bailey, 66 Court St.

First St., n s, 82'10" w Eighth Ave., 4 three-sty brick dwells, tin roofs; cost, \$8,000 each; owner, John Monas, 92 Park Pl.; architect, J. J. Galligan, 92 Park Pl.

Liberty Ave., s s, 125' e Crescent Ave., two-sty frame dwell and store, tin roof; cost, \$3,700; owner, Wm. G. Osborn, Lincoln and Adams Aves.

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BUILDING INTELLIGENCE.

Tenth St., n s, 175' e Eighth Ave., 6 three-sty' and basement brick dwells., tin roofs; total cost, \$57,000; owner, Thos. Brown, 644 Tenth St.; architect, W. M. Coots, 26 Court St.

Seigel St., No. 87, n s, bet. Ewen St. and Graham Ave., four-sty' frame dwell., tin roof; cost, \$7,500; owner, Lena Rosinewig, 239 Van Buren St.; architect, Ernest Dennis, 115 Himrod St.

Bainbridge St., s s, 427 117' e Ralph Ave., 9 two-and-one-half-sty' brick dwells., tin roofs; cost, \$40,000; owner, B. Conklin, 41 Clifton Pl.; architect, J. H. Herbert, 16 Court St.

Bainbridge St., s s, 247 67' e Ralph Ave., two-and-one-half-sty' brick dwell., tin roof; cost, \$5,500; owner, B. Conklin, 41 Clifton Pl.; architect, J. H. Herbert, 16 Court St.

Union St., s s, 242' e Third Ave., 6 four-sty' brick dwells., tin roofs; total cost, \$3,000; owner, Miss Catherine Buckley, 39 Sterling Pl.; architect, W. M. Cook, 26 Court St.

Madison St., s s, 29' e Putnam Ave., 5 four-sty' brick dwells., tin roofs; cost, \$20,000 each; owners, architects and builders, Moores & Lequesne, 1460 Broadway.

Varet St., n s, 391' 97' e Bushwick Ave., three-sty' frame dwell., tin roof; cost, \$10,000; owner, A. J. Berlenbach, Jr., 260 Graham Ave.

Manhattan Ave., s s, 265' n Van Cott Ave., three-sty' frame dwell. and store, tin roof; cost, \$6,000; owner, Joseph Dietrich, 70 Manhattan Ave.; architect, J. F. Conlon, 732 Leonard St.

Clason Ave., Nos. 106-108, w s, bet. Park and Flushing Aves., 2 four-sty' frame dwells., tin roofs; cost, \$6,000 each, owner, Mrs. F. E. Frith, Tompkins Ave.; architects, D. Acker & Son, 752 Broadway.

Wallabout St., s s, 175' e Nostrand Ave., 10 three-sty' frame dwells. and stores, tin roofs; cost, \$4,200 each; owner, Jacob Bossert, Middleton St. and Lee Ave.; architect, John Platte, 225 Lynch St.

Knickerbocker Ave., s w cor. Himrod St., 4 three-sty' brick dwells., tin roofs; cost, \$4,300 each; owner, Jacob Bossert, Middleton St. and Lee Ave.; architect, John Platte, 225 Lynch St.

Meeker Ave., s s, 163' 81' e Ewen St., three-sty' frame dwell., tin roof; cost, \$4,000; owner, Joseph Maurer, 291 Stagg St.; architect, Th. Engelhardt, 905 Broadway.

Hamburg Ave., w s, 50' s Myrtle Ave., 2 three-sty' frame dwells., tin roofs; cost, \$9,000; owner, Geo. Leoffler, 78 Jefferson St.; architect, Th. Engelhardt, 905 Broadway.

India St., n s, 125' w Manhattan Ave., three-sty' frame dwell., tin roof; cost, \$5,500; owner, Wm. Schwartz, 125 India St.; architect, C. Dunkhase, 527 Grand St.

Gunter Pl., e s, n e cor. Atlantic Ave., 6 two-sty' frame dwells., tin roofs; cost, \$24,000; owner, Thos. B. Bartholomew, 198 Saratoga Ave.; architect, John L. Young, 287 Halsey St.

Cumberland St., No. 214, e s, near De Kalb Ave., three-sty' brick dwell., tin roof; cost, \$6,500; owner, Julia M. Thurber, 435 Washington Ave.; architects, J. C. & W. C. Dodge, 305 Grand Ave.

Butler St., s w cor. Nevins St., two-sty' brick dwell., slate roof; cost, \$10,000; owners, Department Public Works; architect, R. L. Daus, 26 Court St.

Marcy Ave., e s, 75' s Greene Ave., four-sty' brick dwell., gravel roof; cost, \$12,000; owner and architect, H. Toulreisen, 451 Gates Ave.

Van Buren St., s s, 214' e Lewis Ave., 3 two-sty' brick dwells., tin roofs; cost, each, \$4,500; owner, Thos. F. Bryant, 272 Lewis Ave.; architects, J. D. Reynolds & Son, 363 Fulton St.

Aberdeen St., s w cor. Bushwick Ave., 4 three-sty'

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frame dwells., tin roofs; cost, each, \$3,500; owner, John Reilly, Elton St. near Liberty Ave.; architect, F. B. Langton, 1225 Bedford Ave.

North Henry St., w s, 125' n Nassau St., two-sty' frame dwell., gravel roof; cost, \$3,400; owner, Elizabeth Weber, 581 Lorimer St.; architect, Fred. Weber, 211 Manhattan Ave.

Cornelia St., n s, 200' w Bushwick Ave., 3 two-sty' frame dwells., tin roofs; cost, \$9,000; owner, John H. Garrison, 113 Powers St.

Watkins St., e s, 100' n Riverdale Ave., 8 two-sty' frame dwells., tin roofs; cost, each, \$2,200; owner, P. J. Callahan, 964 Pacific St.; architect, P. Bergen Marryat, 586 Atlantic Ave.

Patchen Ave., e s, 40' n Decatur St., 3 three-sty' frame dwells., tin roofs; cost, each, \$4,000; owner, architect and builder, George Evans, 381 Decatur St.

Jefferson St., n s, 175' w Knickerbocker Ave., 2 three-sty' frame dwells., tin roofs; cost, each, \$4,500; owner, G. A. Hermann, 620 Grand St.; architect, Benj. Finkensieper, 93 Broadway.

Linwood St., n s, 175' n Ridgewood Ave., two-sty' frame dwell., tin roof; cost, \$3,000; owner, Hugh Quinn, 10 Bradford St.; architect, Chas. Infanger, 68 Van Sicken Ave.

Cornelia St., n s, 100' e Bushwick Ave., two-sty' and mansard frame dwell., tin roof; cost, \$10,000; owner, John Wetz, Wyckoff St. and Myrtle Ave.; architect, Th. Engelhardt, 905 Broadway.

Putnam Ave., n s, 100' e Bushwick Ave., two-sty' and mansard frame dwell., tin roof; cost, \$10,000; owner, Chas. Zerweck, Wyckoff St. and Myrtle Ave.; architect, Th. Engelhardt, 905 Broadway.

Stone Ave., w s, 62' 67' s Dean St., 2 two-sty' frame dwells., tin roofs; total cost, \$5,000; owner, Charlotte Adams, 2694 Dean St.; architect, Th. Engelhardt, 905 Broadway.

Stockholm St., s s, 100' w Evergreen Ave., 3 two and three-sty' frame dwells., tin roofs; cost, \$11,000; owner, Wm. Wolf, 194 Hamburg Ave.; architect, Th. Engelhardt, 905 Broadway.

Camden, N. J.—Pearl St., n s, bet. Fifth St., 4 three-sty' brick dwells.; owner, Joseph Butcher, 115 North Fourth St.

Broadway, No. 1804, two-sty' brick dwell.; owner, John W. Mathes, 1733 Fillmore St.

Lemon St., No. 609, two-sty' frame dwell.; owner, Jacob Schoch, 311 North Tenth St.

Lemon St., No. 607, two-sty' frame dwell.; owner, Henry Reil, 311 North Tenth St.

Division St., Nos. 332-334, 2 two-sty' brick dwells.; owners, Baumann & Leeds, Eighth and Parrish Sts., Philadelphia.

Kaighns Ave., s s, near Eighth St., 3 two-sty' brick dwells.; owner, C. S. Jackson, 829 Broadway.

Clinton St., No. 523, two-sty' brick dwell.; owner, E. F. Jones, 423 North Third St.

Diamond St., Nos. 41-43-45, 4 two-sty' brick dwells.; owner, W. Bedford, 3223 De Lancy Pl., Philadelphia.

Spruce St., No. 344, two-sty' frame dwell.; owner, J. W. Mathes, 1733 Fillmore St.

Ferry Ave., No. 312, two-sty' frame dwell.; owner, Geo. Mathis, at place.

Market St., e Ninth St., 6 three-sty' brick dwells.; owner, W. C. Aitken.

Mechanic St., e Second St., 2 two-sty' frame dwells.; owner, John Schaus, 510 Jackson St.

Seventh St., cor. Vanhook St., 4 two-sty' frame dwells.; owner, Lewis Yeager, 318 Sycamore St.

Seventh and Pine Sts., two-sty' frame dwell.; owner, Jos. M. Ross, 735 Walnut St.

Chicago, Ill.—C. Hendrickson, two-sty' dwell., 1510 Cornell Ave.; cost, \$8,000.

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E. Phillman, two-sty' dwell., 1822 Serf St.; cost, \$2,000.

Tolman & Lodelins, 2 two-sty' dwells., 3733-3737 Prairie Ave.; cost, \$15,000.

E. Schraumm, two-sty' dwell., 5300 School St.; cost, \$3,900.

Edward Maley, two cottages, Seely Ave. and Fifty-fourth St.; cost, \$2,400.

William Gundon, two-sty' dwell., 897 Kedzie Ave.; cost, \$3,500.

C. J. Parshall, three cottages, 5632 Jefferson St.; cost, \$4,500.

Ole C. Jensen, 3 two-sty' dwells., Lincoln St., near Sixty-ninth St.; cost, \$2,700.

W. O. Budd, 3 two-sty' dwells., Fifty-eighth St., near Wright St.; cost, \$6,500.

J. Bowler, two-sty' dwell., 3326 Prairie Ave.; cost, \$4,000.

Charles B. Fort, 3 two-sty' dwells., 2601-07 Prairie Ave.; cost, \$30,000.

J. F. Solbat, 2 three-sty' dwells., 568-570 Washington Boulevard; cost, \$17,000.

Mrs. E. Williams, three-sty' dwell., 2131-33 Dearborn St.; cost, \$12,000.

C. A. Shaw, 3 two-sty' dwells., 4447-51 Ellis Ave.; cost, \$15,000.

John Kasper, two-sty' dwell., 677 West Nineteenth St.; cost, \$3,500.

Mrs. C. Howard, two-sty' dwell., Commercial St., near Laurence St.; cost, \$2,400.

John Warcott, 2 two-sty' dwells., 4833-35 Madison Ave.; cost, \$15,000.

J. H. Wooley, two-sty' dwell., 196 Forty-fourth St.; cost, \$5,000.

A. Arnouster, two-sty' dwell., 1016 Park Ave.; cost, \$7,000.

Albert Benes, two-sty' dwell., 961 West Eighteenth St.; cost, \$2,700.

Iver Anderson, seven cottages, 32-0-04 and 3238-44 Leavitt St.; cost, \$5,000.

A. H. Da Costa, two-sty' dwell., 615 Cleveland St.; cost, \$5,000.

J. Deering, two-sty' dwell., 325 Harding St.; cost, \$2,200.

George Birkhoff, three cottages, 104, 108 and 110 Rice St.; cost, \$5,100.

George Birkhoff, six cottages, 376-380 Jane St.; cost, \$10,800.

S. Cline, Bismarck and Washington Aves.; cost, \$2,000.

C. Masters, two-sty' dwell., Washington St., near Forty-first St.; cost, \$2,000.

W. G. Bennett, two-sty' dwell., Wright and Seventy-fourth Sts.; cost, \$2,000.

C. P. M. Avery, two-sty' dwell., 3000 Hanover St.; cost, \$6,000.

Allen McCullough, two-sty' dwell., Michigan Ave. and Fifty-sixth St.; cost, \$6,000.

Perry A. Hull, 3 three-sty' dwells., 3321-3325 South Park Ave.; cost, \$11,000.

M. J. Whitney, two-sty' dwell., Lexington and Sixty-third Sts.; cost, \$2,200.

Karl Kobreck, two-sty' dwell., 4940 Lincoln Ave.; cost, \$2,000.

Clancey & Clancey, 5 three-sty' dwells., 4400-4408 Ellis Ave.; cost, \$16,000.

W. H. Pruyn, 4 two-sty' dwells., 3252-3258 South Park Ave.; cost, \$40,000.

George A. Scavens, three cottages, 3301-3305 South Kobey St.; cost, \$2,200.

Reuben Gosling, two-sty' dwell., 4106 Vincennes Ave.; cost, \$6,000.

P. Maurer, two-sty' dwell., School St., near Fiftieth St.; cost, \$2,000.

Shields & Cook, 2 two-sty' dwells., Perry Ave. and Seventy-second St.; cost, \$6,000.

F. M. Webster, two-sty' dwell., 2657 Ninety-first St.; cost, \$2,600.

Amy Helwig, two-sty' dwell., Vernon Ave., near Sixty-ninth St.; cost, \$2,000.

J. G. Jones & Co., two-sty' dwell., 905 Warren Ave.; cost, \$4,500.

Henry Fresk, 3 cottages, 1685-95 Francisco Ave.; cost, \$2,400.

Coon Bros. & Spangles, three cottages, Moffatt and Rockwell Sts.; cost, \$2,400.

F. W. Parks, two-sty' dwell., 1365 Central Park Ave.; cost, \$2,000.

Mrs. Fredmeyer, two-sty' dwell., 6624 Sherman St.; cost, \$2,000.

Dr. Jacobs, one-sty' dwell., 1018 Wellington St.; cost, \$2,700.

Marshall Field, 2 three-sty' dwells., 1931-1933 Indiana Ave.; cost, \$19,000.

Henry Bosch, 2 two-sty' dwells., 5411-5413 Ridgewood Park; cost, \$5,000.

H. W. Ames, three cottages, 531-543 Fifty-sixth St.; cost, \$3,700.

James Means, two-sty' dwell., Oglesby and Sixty-first Sts.; cost, \$4,500.

Cincinnati, O.—Mrs. Francis Schottzman, two-and-one-half-sty' dwell., Eastern Ave.; cost, \$2,600; architect, C. Gray.

N. Rockbold, two-and-one-half-sty' dwell., Park Ave.; cost, \$7,500; architect, J. B. Harlow.

W. H. Trillman, two-and-one-half-sty' dwell., Ohio Ave.; cost, \$4,000; architect, Mr. McMiller.

Wm. Fuchs, two-and-one-half-sty' dwell., Boone and Zeltner Sts.; cost, \$3,000; architect, Wm. Fuchs.

Frank C. Grote, two-sty' dwell., Hackberry St., Walnut Hills; cost, \$3,600; architect, W. S. Robinson.

Mrs. Jennie E. Uttler, two-and-one-half-sty' dwell., Chapel St.; cost, \$5,000; architect, Geo. W. Rapp.

E. Skinner, two-and-one-half-sty' dwell., Park Ave.; architects, Sam. Hannaford & Sons.

Jos. Pitzer, two-and-one-half-sty' frame dwell., Orchard St.; cost, \$2,500; architects, G. & A. Brink.

L. Krebs, two-and-one-half-sty' dwell., Chase Ave.; cost, \$2,500; architect, Morton Fischer.

Louis Seagonwood, two-and-one-half-sty' dwell., Harrison Ave.; cost, \$3,000; architects, G. & A. Brink.

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Hon. John B. Mosley, two-and-one-half-st'y dwell., Chapel St.; cost, \$12,000; architect, W. W. Franklin.
Henry Fox, Esq., two-and-one-half-st'y dwell., Oak St.; cost, \$12,000; architect, F. Wilson.
Ernest Leyman, two-st'y dwell., Barton St.; cost, \$4,800; architect, A. Bast.
A. Spangenberg, three-st'y dwell., Colerain Ave.; cost, \$3,000; architect, Emil Baude.
Nicholas Diehl, two-and-one-half-st'y dwell., Clifton Ave.; cost, \$4,000; architects, G. & A. Brink.
H. A. Stofregen, 3 two-st'y frame dwells., Knowlton St.; cost, \$3,300; architect, H. A. Stofregen.
Anna Metz, two-and-one-half-st'y frame dwell., Westwood Ave.; cost, \$2,500; architect, Wm. Northside.
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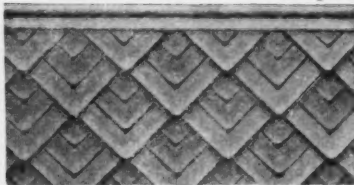
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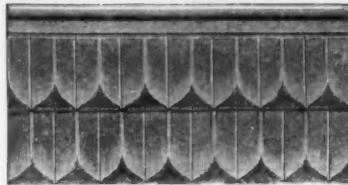
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Aberdeen St., s. w. cor. Bushwick Ave., three-sty frame store and dwell., tin roof; cost, \$4,500; owner, John Reilly, Elton St., near Liberty Ave.; architect, F. B. Langston, 1225 Bedford Ave.

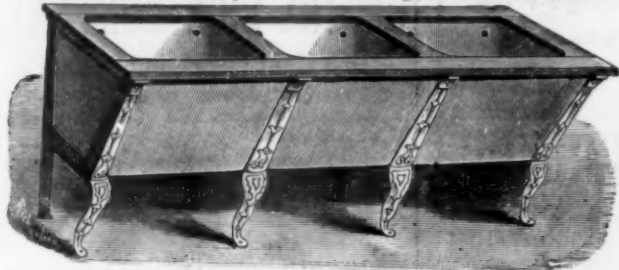
Ralph Ave., s. w. cor. Prospect Pl., three-sty frame store and dwell., tin roof; cost, \$4,000; owner, John Eckelkamp, 3 McDougal St.; architect, Chas. Infanger, 68 Van Sien Ave.

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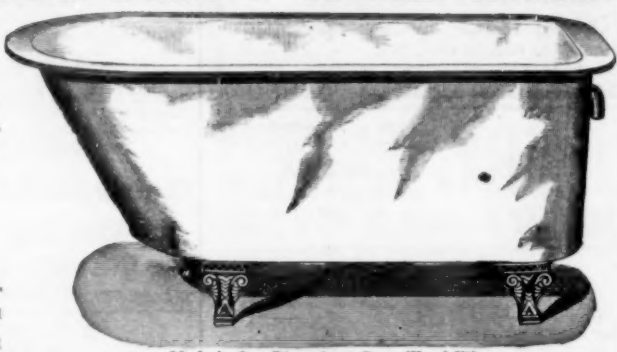
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Knickerbocker Ave., w s 50' n Myrtle Ave., three-st'y frame store and dwell., tin roof; cost, \$4,800; owner, Philip Duerkes, 1356 Greene Ave.; architect, Th. Engelhardt, 905 Broadway.

Camden, N. J.—South Broadway, No. 1716, two-st'y brick and frame store and dwell.; owner, John Schaus, 510 Jackson St.

Cincinnati, O.—Thos. Gammon, three-st'y store and tenement, Madison Pike; cost, \$7,000; architect, John H. Boll.

Christ. Lienenbrink, three-and-one-half-st'y store and tenement, Freeman Ave.; cost, \$6,000; architects, G. & A. Brink.

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Geo. Keats, tenement, 1311-17 Twenty-second Ave., n; cost, \$6,000.

New York, N. Y.—Park Ave., No. 1007, five-st'y brick tenement, tin roof; cost, \$12,000; owner, L. F. J. Anger, 1007 Park Ave.; architects, Julius Boeckell & Son, 54 Bond St.

One Hundred and Fifteenth St., n s 235' e Fifth Ave., 3 five-st'y brick tenements, tin roof; cost, \$54,000; owner, L. G. Seyrer, 43 East One Hundred and Twelfth St.; architect, W. H. C. Hornum, 150 East One Hundred and Twenty-fifth St.

Toledo, O.—Fourteenth St., two-st'y frame double tenement; cost, abt. \$5,000; owner, Charles Haner; architects, Bacon & Huber; builder, Jno. Kavanaugh.

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St. Louis, Mo.—Two-st'y brick tenement; cost, \$17,000; owner, W. M. Hopkins; contractors, Jno. B. LaBarge & Co.

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June 24, 1890. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 12th day of July, 1890, for the wood sheathing and copper covering of roof, copper gutter linings, flashings, etc., and skylights required for the United States Court-House and Post-Office, etc., building at Denver, Col., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent. Each bid must be accompanied by a certified check for \$100. The Department will reject all bids received after the time fixed for opening the same; also, bids which do not comply strictly with all the requirements of this invitation. Proposals must be sealed and endorsed, "Proposal for the Wood Sheathing and Copper Covering of Roof, etc., and Skylights at Denver, Col.," and addressed to JAMES H. WINDRIM, Supervising Architect.

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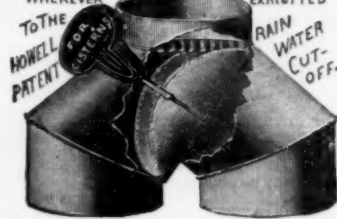
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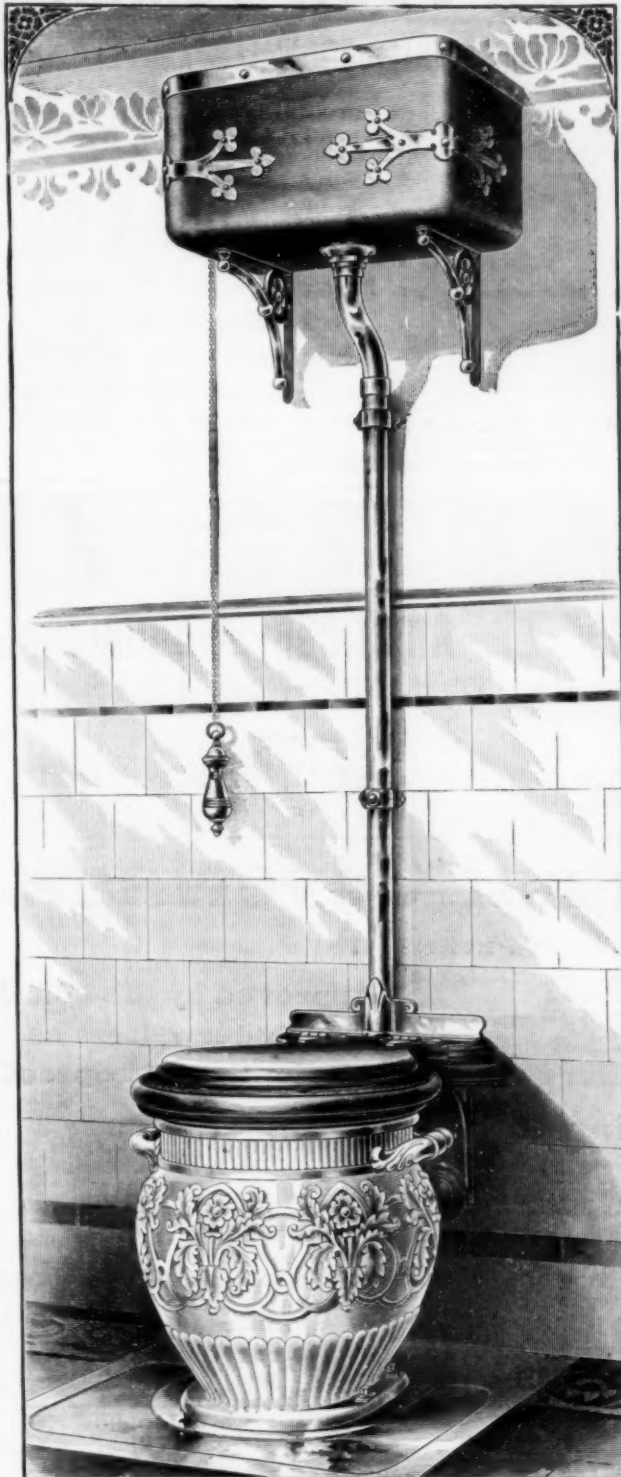
PROPOSALS FOR IRON BEAMS AND GIRDERS. Office of Building for Library of Congress, 145 East Capitol Street, Washington, D. C., June 20, 1890. Separate sealed proposals for furnishing and delivering the rolled-iron beams and plate and trussed girders required for the Building for Library of Congress, in this city, will be received at this office until 2 o'clock P. M., on Thursday, the third day of July, 1890, and opened immediately thereafter in presence of bidders. Specifications, general instructions and conditions and blank forms of proposal may be obtained on application at this office. BERNARD H. GREEN, Superintendent and Engineer.

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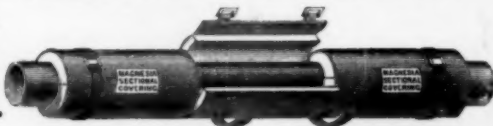
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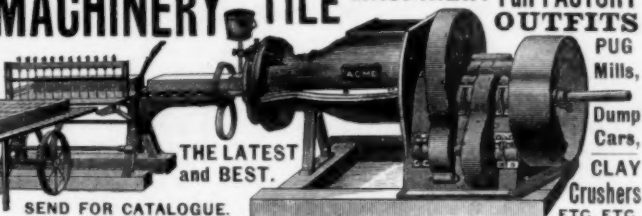
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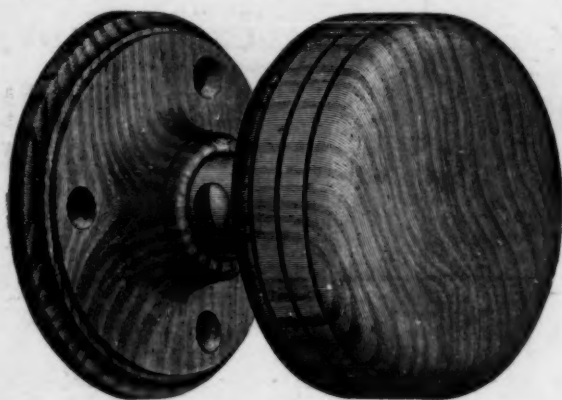
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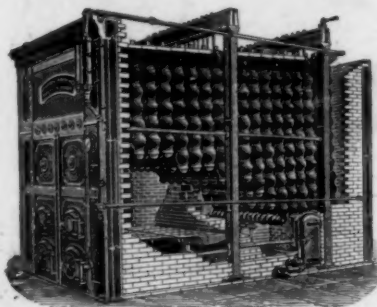
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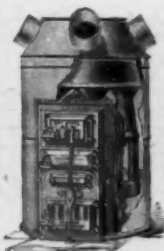
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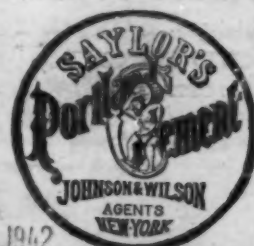
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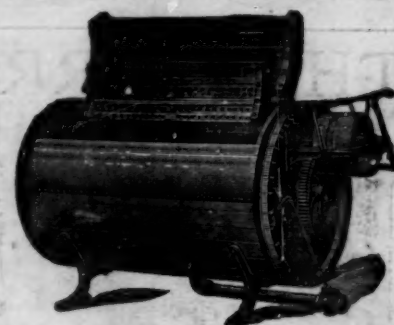
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