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CONTENTS.

EDITORIAL SUMMARY.
 COMMEMORATIVE MONUMENTS.—V.
 ANOTHER ARCHITECTURAL KNOCKABOUT.—V.
 THE NEW SALON.
 MODERN ASYLUMS FOR THE INSANE.—II.
 LETTER FROM PARIS.
 SOCIETIES.
 NOTES AND CLIPPINGS.
 TRADE SURVEYS.

ILLUSTRATIONS.

ALL SOULS' UNITARIAN CHURCH, ELM HILL AVENUE FRONT,
 ROXBURY, MASS.
 [Heliochrome issued with the International and Imperial Editions only.]
 JACKSON SCHOOL, SALT LAKE CITY, UTAH TER.
 PLANS OF LONDON COUNTY INSANE ASYLUM.
 ALTERATIONS TO CHURCH, WATERTOWN, N. Y.

BAPTIST CHURCH, BUFFALO, N. Y.
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Additional Illustrations in the International Edition.

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 THE TUNS HOTEL, ODIHAM, ENG.
 BAMBERG.
 DESIGN FOR THE RECONSTRUCTION OF THE COUNTRY SEAT
 OF COUNT NIKOLAS ESTERHAZY, NEAR TOTIS, HUNGARY.
 "A NORMAN FUNERAL," AFTER A PAINTING BY DAGNAN.
 BOUYERET.
 "IN THE FOREST," AFTER A PAINTING BY A. HAGBORG.
 DETAILS OF THE CHURCH OF SAN FRANCESCO, RIMINI, ITALY.
 PREMIATED DESIGN FOR SAINT PANCRAS MUNICIPAL BUILD-
 INGS.
 MANCHESTER CATHEDRAL.

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SUMMARY:—

A Bay-window Case in New York: Building Department vs. C. P. Huntington.—American Churches and Church Service.—The Towers of Trinity Church, Boston.—The Apparent Qualities of Streets.—The Danger of Deviating from recorded Plans: an English Case.—An Interesting California House.—Mr. Alfred Waterhouse and the Académie des Beaux-Arts.—The Competition for the Bu-charest Railway-Station.	189
COMMEMORATIVE MONUMENTS.—V.	191
ANOTHER ARCHITECTURAL KNOCKABOUT.—V.	194
THE NEW SALON.	196
MODERN ASYLUMS FOR THE INSANE.—II.	197
LETTER FROM PARIS.	199
SOCIETIES.	201

ILLUSTRATIONS:—

All Souls' Unitarian Church, Elm Hill Avenue Front, Roxbury, Mass.—Jackson School, Salt Lake City, Utah Ter.—Plans of London County Insane Asylum.—Alterations to First Presbyterian Church, Watertown, N. Y.—Baptist Church, Buffalo, N. Y.—St. Martin's Church, New Bedford, Mass.	201
Additional: All Souls' Unitarian Church, Warren Street Front, Roxbury, Mass.—Design for Reconstruction of the Country Seat of Count Nikolaus Esterhazy, near Totis, Hungary.—"A Norman Funeral": after a Painting by A. Hagborg.—"In the Forest": after a Painting by Dagnan-Bouveret.—Details of the Church of San Francesco, Rimini, Italy.—Premiated Design for Saint Pancras Municipal Buildings.—Parker's Hotel, Surrey Street, Strand, London, Eng.—The Tuns Hotel, Odiham, Eng.—Bamberg.—Manchester Cathedral.	204

COMMUNICATION:—

OFFICE-HELP.	204
NOTES AND CLIPPINGS.	204
TRADE SURVEYS.	204

A BAY-WINDOW case of considerable interest to architects has come up in New York. Mr. Collis P. Huntington has for about four years been building a house on the corner of Fifth Avenue and Fifty-seventh Street. It will be remembered that in New York the house fronts are usually placed on the "property line," that is on the front boundary of the lots on which they are built, but that the city, out of the goodness of its heart, allows, by ordinance, a certain portion of the street in front of each house to be occupied by a "stoop," this being the Anglicized Dutch name for a flight of steps, accompanied, in some instances, by a porch over the door at the top of the steps. With the privilege of the "stoop" is connected that of the "area," or space inclosed by a railing, in which steps descend to the basement door, this being almost invariably contrived under the front stoop. Mr. Huntington's house, being on the corner of two streets, enjoys "stoop" privileges on each street, and, having chosen to put the main entrance to the building on Fifty-seventh Street, it seems to have occurred to him, or to some one of his advisers, that he might utilize the Fifth Avenue stoop privilege by building out a bay-window into the public territory. According to his lawyer, as quoted in the New York papers, the bay-window does not occupy the full width of the space to the "stoop line," and is therefore less of an obstruction to the public use of the street than a stoop would be; and as Mr. Huntington would undoubtedly have had a right to build a stoop on that side of his house, if he had wished to do so, he must, *à fortiori*, be entitled to build out something less obstructive than a stoop.

THIS reasoning has failed to convince Mr. Brady, the energetic Superintendent of Buildings, who maintains that the ordinance specifies that stoops may be built in the reserved space, but says nothing about bay-windows, and he conceives it to be his duty to forbid the construction of anything not expressly authorized by the ordinance. In pursuance of this interpretation of the law, he applied to the Supreme Court, some time ago, for an injunction to restrain Mr. Huntington from building the bay-window according to his plan. The injunction was issued, and work on the bay was stopped for a time, but, as it seems, while the case was still pending, and the injunction, therefore, still in force, the work was begun again, and the bay-window nearly finished. Mr. Brady, quite naturally, felt compelled to assert the authority of the

law, and an action was instituted against Mr. Huntington, with his architect and builder, for contempt of court, in disregarding the injunction. As courts look with a very unfavorable eye upon disobedience to their mandates, it is likely that Mr. Huntington will be subjected to a little discipline, independent of the merits of the question whether a bay-window is a stoop, within the meaning of the city ordinance; but, as to this question itself, we are inclined to think that Mr. Brady is right, and Mr. Huntington's lawyer wrong.

THE *Deutsche Bauzeitung* has recently published a series of very interesting letters from a German engineer, resident in Pittsburgh, we believe, on American churches and church services. In speaking of the latter, it would be easy for one coming from a country with a State Church, to one presenting such a motley assortment of sects and rituals as ours, to fall into the temptation to find amusement in some of them, but the subject is treated throughout with a perfect delicacy, which is not found incompatible with direct and concise description. Among the church buildings mentioned by the author, who shows a cultivated taste in architecture, is, naturally, Trinity Church in Boston, of which a good picture accompanied the account. The picture was taken from a recent photograph, showing the western towers terminating in flat roofs, and the editor of the *Deutsche Bauzeitung*, in commenting on the design, as thus shown, explained the truncated effect of the west towers by presuming that they were kept low to avoid interfering with the predominance of the central tower, already, as he thought, hardly high enough, as seen from the northwest, to dominate the group of which it forms a part. This criticism is certainly a just one, but, as it appears, a Hamburg engineer, Herr Alfred Joseph, owned a photograph of the church, bought in Boston in 1888, which showed the western towers with roofs, and sent it to the editor, who, in a recent number, modestly apologizing to his readers for what he had previously said, explains, from the evidence of the photograph, that, although the towers remained for a time with flat roofs, high pyramidal roofs have since been placed on them, to the improvement, it is true, of the façade, but to the detriment, as he thinks, of the effect of the group.

AS very few people, even in this country, know the real history of the tower roofs of Boston Trinity, it may be interesting to recall it. In point of fact, as we need hardly remind American readers, the high-pitched roofs, instead of being a later addition, formed the original termination of the towers, and the flat roofs, which are the present ones, were substituted for them seven or eight years ago under peculiar circumstances. To go farther back in the history of the building, it will be remembered that Richardson's original design contemplated a much higher tower, higher walls and another entire story on the west front, comprising an open arcade over the middle portion, stopping at each end against an upper story of the towers, which were, in addition, to have high roofs. The whole composition was a very beautiful one, and, although Richardson had a keen appreciation of subordination in architecture, and an eagle eye for features "fighting with each other," as he used to say, in a design, his façade did not seem to him to interfere too much with the importance of the central tower, even after the latter had been modified, and greatly reduced in height, and he always mourned the financial necessity which compelled the owners of the church to bring the façade to an abrupt termination by leaving off the whole of the upper part. Perhaps the thing that he had most at heart during the remainder of his life was the completion of his design for this front, and he always indulged the hope that money would be found for it. Not long before his death, he made a vacation trip to Europe with some of the richest members of the Trinity congregation, and, of course, entertained them with his pet theme. They were interested and sympathetic, and, as he thought, gave him reason to suppose that, on their return, they would find means to raise the money for the work. It was reported at the time that, in his anxiety to prepare the way, he cut short his trip, and, deserting his friends on some excuse, returned to Boston at the first opportunity. However that may be, he certainly reached home before them, and, on his representation, the roofs were removed from the west towers, so that all might be in readiness for carrying up the walls as soon as his friends arrived. Unfortunately, these gentlemen

had thought better of the matter in the meantime, and, as it was apparent that the sum required could not be raised, the tops of the mutilated towers were boarded over and tinned, to protect them from the weather, and in this condition they have since remained. It is pleasant to be able to add that within a comparatively short time, the money needed to complete the façade has been raised, and that the work is soon to be carried out, in memory, partly of the great architect, and partly of the beloved Bishop Brooks, who bequeathed, from his small property, a considerable sum toward the carrying-out of his friend's design.

HERR HENRICI, in the *Deutsche Bauzeitung*, makes some curious observations on the apparent qualities of streets. Every one has noticed that some streets are tiresome to walk through, while others, of equal length, are not tiresome, but few persons have taken the trouble to inquire into the cause of the difference. Herr Henrici finds the cause to be mental, but the effect is produced in two different ways. If the mind is amused and interested, the journey appears short, as two miles over an Alpine road seem shorter than the same distance on a level and monotonous highway; but a curiously fatiguing effect is produced by disappointment as to the real length of a street. A normal street may be considered to be one perfectly straight and flat, or uniformly graded, built up solidly on each side. A person entering such a street makes instinctively a correct estimate of its length, and is prepared for the exertion he must make to pass through it, so that, although it may be long, it is neither tiresome nor the reverse. If, on the contrary, its grade is broken by sharp ascents, which conceal in part the street beyond them, the traveller meets with a succession of disappointments, as he climbs the hills, and sees before him stretches of pavement which he has not observed before, and these disappointments, more than the actual distance, fatigue him, and make the road seem tedious and long. In the same way, rectangular expansions, or "squares," the sides of which are partly hidden from the approaching wayfarer by the corner buildings, produce in him a feeling of disappointment, as he reaches the corner and sees the houses previously concealed, so that streets so varied are fatiguing to walk through. To a less extent, streets crossing the main avenue at right angles produce the same effect. While the eye readily estimates the length of the blocks between the cross streets, it does not make sufficient allowance for the width of these streets, or for the things to be observed in crossing them, so that an avenue with many intersecting streets is more tiresome to walk through than one of the same length less broken in this way.

A SALUTARY warning to young architects may be derived from the report of a case recently decided in England. The plaintiff, who lived in London, employed an architect of Birmingham to plan and supervise three houses to be erected for him near Birmingham. The specifications required that each house should have a separate drain to the sewer. From time to time the architect gave certificates, saying that the contract had been, up to that time, complied with, and on these certificates the owner made settlements with the builder. After the houses were done, the architect sent the owner a drainage-plan, showing separate drains to the sewer, and, as it seemed, filed a similar plan with the local health authorities. All this took place in 1878. In November, 1892, the owner received notice from the health authorities that the drains of his houses were not laid in accordance with the plan on file, and that they must be changed. On examination, it was found that, instead of separate six-inch drains from each house to the sewer, a nine-inch drain had been carried from the middle house to the sewer, and the six-inch drains from the adjoining houses had been entered into this. The health officers insisted on a change, and the owner was compelled to have separate drains laid, at a cost of £24. He then sued the architect to recover this amount, with £26 more, as additional damages. The architect admitted that the work had not been done as the specifications required, or as the plans showed, but said that the health regulations did not at that time require separate drains, and that he noticed and sanctioned the change, as, under his authority as architect, he believed that he was entitled to do. He admitted that he had given no notice, either to the owner or the health officers, of the deviation from the plan. The jury brought in a verdict for the plaintiff, fixing the damages at £24, the cost of relaying the drains. This appears to be another illustration of the way in which wily contractors enrich themselves at the expense of architects. It is not at all likely that the architect, on reconsideration, thought that

the combination of three drains into one was better than the separate drains contracted for, and it is much more probable that the contractor coolly saved an honest penny, as so many contractors do, by making the change on his own account, silencing the young architect's objections by the glib inventions which the older members of the profession know so well. Having thus wrung an unwilling sanction from the architect, the contractor pats his fattening pocket in peace, knowing that, if his trick should be discovered, it is the architect, not he, who will have to pay the cost of making the work conform to the contract, while the man who profited by the violation goes free.

A STORY is circulating through the newspapers, to the effect that a man who has made an enormous fortune in the South African diamond-mines, and has come to America to spend it, is about to build, near San Francisco, a house of an extraordinary kind. The materials are to be metal and concrete, but combined in a novel manner. Underground, the construction is to be of concrete, strengthened with steel beams, but above the surface concrete is to be used only in the floors, the walls and partitions being of aluminium, brass, copper, nickel, steel, bronze, platinum and so on. Another peculiarity in the design is said to be that the exterior walls will slope at an angle of forty-five degrees with the ground. Whether this arrangement is adopted for the sake of its beautiful effect, or for convenience in placing furniture, we are not informed. The difficulty incidental to planning windows in walls of this sort is very simply met by having no windows, light being obtained exclusively from oval skylights, set in the plane of the walls. The floors are to be made with "concrete, brass and aluminium, the ceilings being decorated with huge brass "medallions," "spun up," we suppose, or stamped out by the artists of a tinware factory. The roof is partly of steel and copper, and partly of glass. Entrance to the basement offices from the outside is effected only through a long tunnel, so that the sight of the servants and "tradesmen" may not offend the eyes of the proprietor and his guests during their promenades on the terrace on which the house stands, or their rows or swims in the lake which surrounds the terrace. Whether it is altogether advantageous to furnish one's house with a means of access through which not only servants, but thieves, can come in and go out unseen, is a question to which there might be two answers, but we imagine that the proprietor has set his heart on having a house different from any one else's, and will not mind trifles if this result is attained. Whether he will ever repent of his ambition on wet nights, when his metallic house thunders with the noise of the rain on its brazen roof and sides, and the water pours through the oval skylights on the slippery floors, remains to be seen, but even if he bears this with equanimity, one cannot help thinking of the opportunity which such a construction offers for Mr. Denis Kearney and his friends to come up with sledge-hammers, and pound on the walls until the tortured diamond-merchant comes out and shares his millions with them.

THE Institute of France has elected Mr. Alfred Waterhouse, the distinguished English architect, a corresponding member in the section of Fine Arts. This honor, which is the same as that conferred some years ago on Mr. Richard M. Hunt, has never before, it is said, been offered to an Englishman, and Mr. Waterhouse is now the only subject of her Majesty who can boast of membership in any section of the famous Institute. Although the greatest brilliancy of his professional career has a little gone by, there is no English architect, except, perhaps, Mr. Norman Shaw, who could dispute such an honor with Mr. Waterhouse, and the courtesy and sympathy which have made the latter always very popular in the profession would count for a good deal with the Forty Immortals, who have not much relish for eccentricity.

THE great competition for a terminal station and offices for the Roumanian railways at Bucharest has been decided, and the first prize, of ten thousand francs, awarded to MM. Blanc, of Bucharest, and A. Marcel, of Paris; the second, of thirty thousand francs, to M. Farge, of Paris; and the third, of fifteen thousand francs, to an Italian architect, Signor Giulio Magni. The authors of the design placed first have been commissioned, as was promised in the circular of invitation, to prepare working-drawings and details, the compensation agreed upon for this work being one hundred thousand francs. Thirty-eight architects took part in the competition, which seems to have been carried out with perfect fairness.

COMMEMORATIVE MONUMENTS.¹—V.

ISOLATED MONUMENTS.



Fig. 31. Monument to Marshal Moncey, Paris.

ensemble of the pedestal. The various blocks are held together by bronze cramps; and on the inside are dove-tail grooves to facilitate their juncture with the concrete of the filling-core.

The cost of the monument is distributed as follows:

Pedestal of stone from Soignies (Belgium).....	32,000 francs.
Ornamental sculpturing.....	4,000 "
Model of the group.....	30,000 "
Casting of the same in bronze.....	38,500 "
Hoisting and setting of group.....	7,500 "
Model and execution of bas-reliefs.....	22,000 "
Foundations, about.....	4,000 "
Honoraria.....	3,800 "
Total.....	141,800 "

The two most important blocks, containing the bas-reliefs and the inscription, are two metres in height and form almost the whole of the pedestal, which is here 3m. 50 in diameter. Unhewn, each weighed 30,000 or 40,000 kilos; hollowed out and shaped they are reduced to 16,000 kilos each. They were hoisted in slings and grouted with lead.

The architecture of the pedestal was most carefully designed by M. E. Guillaume. The statuary is by M. Doublemard, the eagle by M. Rouillard, and the ornaments by M. Darvant.

The statue of the Republic, at Paris (Fig. 32) is the most important of all the purely decorative French monuments of our day (1880). Architect, M. Charles Morice; statuary, M. L. Morice.

The bronze statue at the top has a sheer height of seven metres.

THE colossal group at Paris (Fig. 31) commemorating Marshal Moncey's heroic defence of Paris, at the Barrière de Clichy, in 1814 was decided upon in 1864 and was completed in 1870. The stipulations to competitors for the design called for a monument in which the marshal should have a very prominent place, without, however, appearing as an isolated figure.

The foundations are made of unhewn stone, laid roughly in cement. Above these are ten courses of stone constituting the

Elegant, severe and simple, it may be considered as one of the best types yet found to represent the Republic. The three stone figures symbolizing Liberty, Equality and Fraternity are designed with greater freedom. They buttress the pedestal and carry out the allegorical character which is so well suited to such a monument. The pedestal becoming thus inseparable, as it were, from the principal motive, whose physiognomy it completes, stands on a spacious circular base around which runs a belt of well-accentuated bronze bas-reliefs, conceived in an eminently modern spirit and depicting the chief events of the three French republics of 1789, 1848 and 1870, namely:

1. The Oath of the Jeu de Paume, June 20, 1789.
2. The Capture of the Bastille, July 14, 1789.
3. The Renunciation of Privileges, August 4, 1789.
4. Festival of the Federation, July 14, 1790.
5. The Country in Danger, July 11, 1792.
6. Battle of Valmy, September 20, 1792.
7. Abolishment of Royalty, September 21, 1792.
8. Combat of the "Vengeur," 13 Prairial, Year 2.
9. The Tricolor Flag at the Hôtel de Ville, July 29, 1830.
10. The Establishment of Universal Suffrage, March 4, 1848.
11. Proclamation of the Republic, September 4, 1870.
12. The National Fête, July 14, 1880.

The cost was as follows:

Terrace.....	14,277.45 francs.
Foundation masonry.....	41,963.35 "
Elevation masonry.....	17,344.42 "
Granite.....	11,332.19 "
Cutting of same.....	9,824.12 "
White Echaillon.....	97,517.40 "
Cutting of same.....	9,824.12 "
Yellow Echaillon.....	146,621.91 "
Cutting of same.....	61,752.73 "
Lead in sheets.....	9,196.47 "
Ornamental Sculpturing.....	24,545.00 "
Bronze.....	97,300.00 "
Timber work of the scaffoldings.....	29,784.00 "
Statuary models and architects honoraria.....	177,104.00 "
Total.....	748,387.16 "

The circular form of the pedestal and socle was dictated by the lay-out of the square which the monument occupies. The lines and profiles have been very successfully managed and produce pleasing silhouettes; the general proportions are excellent. The bronze lion and the urn of "universal suffrage," which it seems to be guarding, form a fine decoration for the main façade and betoken the spirit of the modern republic. The method of construction is also of great interest. As the soil suitable for the foundations lay 10 metres below the level of the square, which was traversed by a sewer through the

centre, the architect set the monument on isolated piles which he connected by arches. The pedestal proper is much smaller than the socle bearing the bas-reliefs and rests on a circular wall joined to that forming the socle by an annular vault which is reinforced by transverse arches at right angles to the seated figures. Like the foundations and filling-core, this construction is of rough stones and cement.

The three steps at the base are of granite; above these, all the visible architectural parts are in yellow stone from L'Echaillon (Isère); the statues against the pedestal are of white Echaillon,



Fig. 33. The Triumph of the Republic, Paris.

a softer stone, better adapted to statuary uses. Around the plinth of the statue of the Republic there is a trench in the stone, which cannot be seen from below; it connects with the sewer by a pipe and is intended to catch the drippings of the oxide of bronze and consequently prevent them

¹ From the French of L. C. Boileau fils, in Planat's *Encyclopédie de l'Architecture et de la Construction*. Continued from No. 912, page 177.

from streaking the pedestal, as is the case after every rain with the marble pedestals of the Louis XIV in the Place des Victoires and of the Henri IV of the Pont-Neuf.

The principal dimensions are as follows: diameter of first step, 15 metres; diameter of socle, 12 metres; diameter of pedestal, 5m. 30 at the base and 5 metres at the architrave. The height from the ground to the top of the stone plinth of the statue of the Republic is 15m. 60; total height, 23m. 35.

The monument known as "The Triumph of the Republic," Place de la Nation, Paris (Fig. 33), was offered as a small model by the sculptor Dalou at the competition opened for the monument of the Republic described above. The judges decided that the design which they accepted fulfilled more accurately the specified requirements, and was also suited to the condition of the square to be decorated. But, at the same time, they were so impressed with the beauty of M. Dalou's design, and so charmed with the triumphal turn which he had given the subject, that they determined to petition for its execution for another site.

This magnificent group of statuary is not yet (1890) entirely cast in bronze; a full-sized model was put in place September 21st of this year. It is, nevertheless, possible to estimate the merits of the work; it will certainly rank among the most remarkable productions of the modern school. Some one has said that M. Dalou combines the manner of Puget and the sentiment of Rubens. This fact, in truth, strikes one at the first glance. The statuary is fond of that kind of rendering which was so much esteemed in the time of Louis XIV, and to which we are indebted for the finest decorative pieces at Versailles; but it is, at the same time, apparent that no one in the seventeenth century ever succeeded so well in the grouping of the figures, or carried wealth of modelling to such extremes. The skill of the ornament-sculptor equals that of the figurist; there are flowers and foliage here, the composition and execution of which indicate a wonderfully powerful decorative spirit. The figures are nearly three times the natural size. To obtain the best effect, the group has been placed in the centre of a basin and raised a metre above the water by stone steps.

Architecture plainly has no part in this work; but we felt that some idea of the monument should be given in this sketch, as it is the most important in the style that has been produced at the present day. In view of its origin, this seemed the most suitable place to notice it.

The statue of Germania (Fig. 34), is called the Niederwald-

denkmal, on account of its site, the Niederwald (nether forest), the slope of a high, forest-crowned mountain near Wiesbaden, between Rüdesheim and Assmannshausen, on the Rhine. It was erected to commemorate the restoration of the German Empire in 1871.

The composition is by the sculptor Johannes Schilling. The bas-reliefs and statues are in bronze; the statue of Germania is 10m. 50 in height; the socles supporting it are of granite, and rise 25 metres above the platform; architect, Karl Weissbach, of Dresden. The entire cost amounted to

more than a million marks, or about 200,000 dollars. The inauguration took place September 28, 1883. Here, as in the French Monument of the Republic, spoken of above, the chief feature is a colossal allegorical figure used as a crowning motive. The pedestal and socles are on a quadrangular plan. The sculptured decoration of the principal façade, on the lower socle, represents the Rhine and the Meuse; the winged statues above symbolize Peace and War. The bas-relief between these depicts the scene at Versailles when, in the presence of the German princes and officers, the King of Prussia was proclaimed Emperor in Germany. On the sides of the large socle are bas-reliefs of exquisite execution, treated—as is the case in all modern German statuary—in the classic manner of the time of Rude: one portrays the departure for the war, soldiers taking leave of their families; the other pictures the return after victory, soldiers crowned with laurels.

The "Germania," although well designed, does not present a clear-cut silhouette from below; this is doubtless owing to the multiplicity of ideas which the statuary undertook to express. The lower part of the figure is rendered heavy by the throne that appears behind it, while the upper part is defective in outline on account of the loose hair floating in the wind. The angels of Peace and War have a most decorative effect. The architecture is unimportant from an artistic standpoint. The monument stands on very high ground, on one of the finest of all the wonderful sites along the Rhine between Mayence and Cologne.

In a certain gathering at the house of M. Laboulaye, the conversation turned on the friendly relations that existed in former times between France and America. "The centennial celebration of the independence of the United States," remarked the author of "Paris in America," "will furnish an occasion for a manifestation in our favor by our friends of the New World." Then turning to M. Bartholdi, who was present



Fig. 32. Statue of the Republic, Paris.

and who was contemplating a visit to America, he begged him to study the country and see what might be done for this anniversary of 1876. "If," said he, "you think of anything that bids fair to arouse public enthusiasm, we will open a subscription here and in the United States, and, no doubt, it would be equally successful in both countries."

On his arrival in New York, M. Bartholdi was impressed with the marvellous view of the harbor; he decided at once that this was unquestionably the place where a monument should be raised—some gigantic and wholly characteristic statue; Bedloe's Island which emerges from the Atlantic in nearly the centre of the Upper Bay seemed formed by nature for its site. He expressed his views on his return and proposed a plan in accordance with them which was received with great favor. "The statue," said M. Henri Martin, "will represent Liberty enlightening the World."

A committee was formed and the subscription was started in France in 1875, with a warm appeal signed by MM. Laboulaye, de Noailles, Waddington, Henri Martin, de Rochambeau, Dietz-Monin, de Tocqueville, O. de Lafayette, etc. "The monument," it stated, "will be executed in common by the two nations associated in this fraternal cause, as they were of old in the establishment of independence. We will present the statue to our friends in America, they

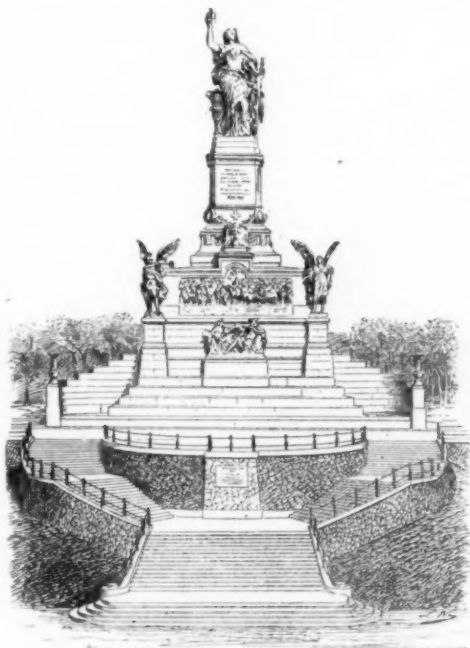


Fig. 34. German National Monument, Duchy of Baden.

will join us in defraying the expenses by constructing the pedestal."

On February 22, 1877, the Congress of the United States accepted the proposition made by the French people and on July 4, 1884, the statue was officially presented at Paris to Mr. Morton who was then the American Minister to France. On October 28, 1886, it was in place on its pedestal in New York harbor.

The Statue of Liberty (Figs. 35, 36), is the largest of all the colossal statues that have thus far been erected. The Bavaria, near Munich, is only 15m. 70 in height; the Virgin of Le Puy, 16 metres; the Saint Charles Borromeo, on the shores of Lake Maggiore, 23 metres; the Arminius in Westphalia, 28m. 30; while the American statue measures 46m. 08 from the base to the end of the torch. It serves as a beacon for ships, the light being in the head; it is emitted through the arcades of the diadem and forms at night a halo about the hair. The statue is made of copper sheets two-and-a-half centimetres thick; these are hard-soldered and secured with iron fastenings disposed according to the conformation so as to give the necessary play to the metal for expanding and contracting. The figure was first divided into horizontal sections; the panels of each section, formed of the copper sheets joined as already described, were afterward put together with iron bars. The sections themselves were finally fastened to one another and secured on the inside to an iron framework, the

main part of which consists of four vertical beams, connected by cross-bars, forming a sort of open pylon. On one side it is carried up through the uplifted arm which holds aloft the torch.

The pedestal was designed by the American architect R.



Fig. 35. Statue of Liberty, New York.

M. Hunt. It is erected in the enclosure formed by the walls of the fort on Bedloe's Island. The foundation, on a square plan like the pedestal, is in concrete. It is a sort of pyramid in courses, narrowing successively, or in other words, a series

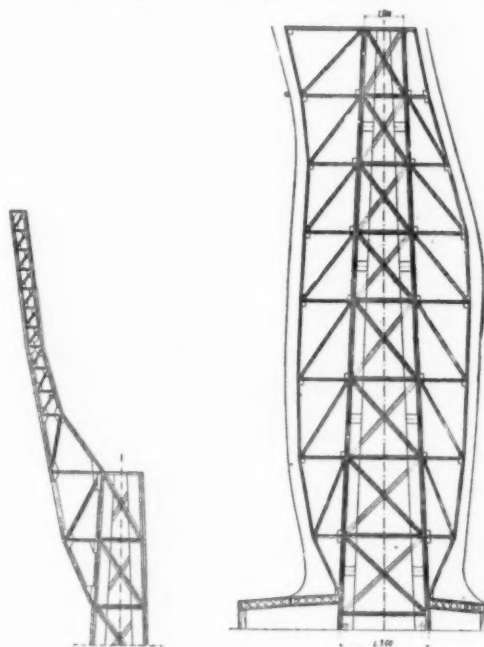


Fig. 36. Framework of the Statue of Liberty, New York.

of superimposed steps, the last of which is on a level with the top of the fort walls. The base of this mass is 4m. 30 above the sea, the top 17m. 60. Here begins the pedestal of the statue. This is of stone from the quarries at Leetes Island,

Connecticut. It is hollowed out, in the shape of a round tower, for the stairways and elevator. The width at the base, immediately above the concrete mass is 21m. 97 and at the upper platform on which the statue stands, 13m. 80. This platform is 45m. 60 above the sea-level. The interior of the figure is reached through the heel of the right foot; a stairway, managed in the iron bars, enables visitors to reach the torch. The total height above the sea is 91m. 68. The cost of the pedestal was \$250,000 or about 1,350,000 francs. The execution of the statue in copper by MM. Gaget, Gauthier et Cie, together with the iron pylon by M. Eiffel, cost 1,000,000 francs making a total of 2,350,000 francs.

[To be continued.]

ANOTHER ARCHITECTURAL KNOCKABOUT.¹—V.

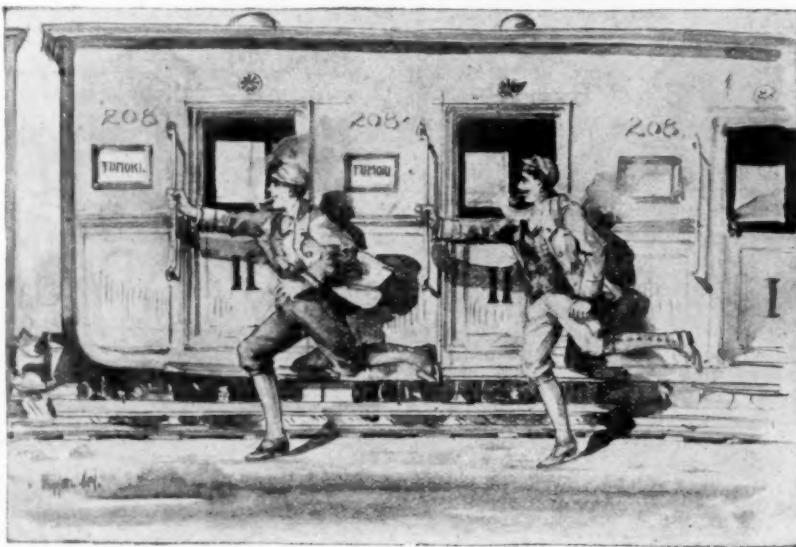


Sketching with Anita.

OUR first greeting was from the custom officials, who insisted upon going through our traps in the open, before most of the gaping population of this fair city. As it rained torrents, the one natural phenomenon we had been led to believe never took place in Malaga, we bargained with a *cochero* to take us and our luggage to the Hôtel de Londres, falling victim to his fascinations to the extent of four good pesetas paid in advance. The trip consisted in driving off the mole and across the street where we were deposited on the sidewalk, in the rain once more; while the *cochero*, no look of either shame or conscious iniquity crossing his ugly Spanish face, softly drove away. The city was, from an architectural point, most uninteresting, save for the old cathedral, which was a curiosity in this respect, for numerous builders and architects had left sign of their hand and thought in its curious carvings and interior decorations: designed evidently at first for a Gothic structure, it has come down in semi-completion to a mongrel Greco-Roman edifice. Leaving Malaga as quickly as we could, we arrived at far-famed Grenada (via a trip around Bobadilla and Loja, and, it seemed, most of Southern Spain). We always economized during the remainder of our trip in regard to railroad fares, invariably taking second or third class (virtually the same in Spain), and we often had a hard and disagreeable time of it, the trains being slow (taking us nine hours to go fifty-four miles in one case), and there being very little opportunity of finding anything to eat at the stations, and that "anything" something inferior. At one place, I remember our rushing into the café, or station restaurant, and gulping down the most horrible coffee, that (with plenty of bread) being all that there was, and as the train drew out I looked back and saw the old woman who had served us pocketing our

change and pouring the remainder of our cups back into the coffee-pot again! While our train was meandering slowly through a part of the country where sheep were raised and taken care of by intelligent shepherd dogs, who had continually to run from one flock to another to round up a stray sheep, we have seen them wait for our train, and, on its gentle arrival, run along by its side and jump lightly upon the foot-ledge, and thus steal a ride to the next flock!

At Grenada we stopped in the town, at the "Hotel Alameda," frequented by the "*voyageur de commerce*," or, in plain English, "drummer." It being unusual for tourists to stop anywhere in Grenada except at the "Hotel Washington Irving" or "Suelos," inside the Alhambra, we were welcomed warmly yet curiously by the native host, who, by great exertion, managed to articulate a few intelligible sentences in French. We soon became great friends, and he and his commercial guests apparently took to us and my sketches. With Spaniards, the artist's sketch-book is an "open sesame" to their good-nature and friendship, a fact I took advantage of. In this hotel we were given a fine, great room, casement windows, balconies overlooking the Alameda, and all this magnificence for merely four pesetas a day, less than a dollar, including meals and afternoon tea or coffee when we desired it. Our "*casa*" supported the best *table d'hôte*, I was told ("*la mesa redonda la comida*") in the city; the natives flocked there for meals, and in after days as I remembered the wonderful, fearful dishes our innocent digestions encountered there, I realized it was very good for Spain. Here is the "menu" of one of its best dinners: a course of soft, mushy meat (impossible to say whether it was mutton or over-pounded and kept beef); with it were dishes of cabbage and spinach, then came after soup of a villainous complexion, next a course, all by itself, of flageolet beans, little round affairs like peas; after this came fish, the flesh of which was of a dark, reddish hue, and which, though soft and weak, would have been very palatable had the oleaginous gravy been left out; a sweet pudding was then offered, sometimes a bird or vegetable omelette; then followed cheese, "gorgonzola" and coffee, with cognac "*ad lib.*" This dinner, accompanied by the delicious "*vino de la campaña*," was, after all, acceptable, and, when one was hungry, most palatable, though the order of its serving was something we had to get accustomed to. A Spanish cigarette, rolled and smoked at the table by the men, and often by the women present, was always *en règle*. We very often took our coffee and cigarettes at the neighboring café, "Suizo," across the Alameda, quite a common custom after the dinners at the Comida. Here we could observe Spanish manners, and saw what the life of a Spaniard amounted to. Nearly one-half of a native's waking hours is spent in some café. Business men, bull-fighters, guides, actors and newspaper reporters all come to procure their "*café sola e aguadiente*." Here they retail the latest news, discuss the political situation of the country and "*Hole!*" for their navy of which they are most proud. Here also they read their miserable little newspapers, and write their letters, for the payment of one cent, which amount procures for them pen, ink, writing-pad and two sheets of paper and envelopes. The cafés are frequented by women as well as men, and the noise of animated and excited Spanish is deafening to the foreign ear. We curiously observed the Spaniards as they took their



We take our usual Constitutional.

coffee not only after dinner and in the evening, but many times during the day, (being as a nation frightfully intemperate in this respect, more so even than the French). A woman will often drink hot boiling milk in lieu of coffee. (This drink as well as the other, unless you distinctly specify which you prefer, will be served to you in a long thin vase-like glass with a slender spoon). This a Spanish *señora* will fill with great blocks of sugar, the exact size of an ordinary domino and will continue adding them until the glass is full to overflowing and the end of one of the pieces appears above the surface of the beverage. Then she will let the mass assume a syrupy mixture and slowly sip it to the last drop, and scoop up the dissolved sugar. The masculine element will do the same with their coffee and after draining their cup will fill it with tepid water from a neighboring carafe and go through the same sugary proceeding. With every order of coffee one receives six or more blocks of this sugar which is served separately upon a little square pewter dish. It was noticed by the waiters and flower-girls standing about in the café that we

¹ Continued from No. 912, page 181.

never used our six lumps, and by the hungry looks they cast upon them we quickly saw that they had a commercial value and soon learned to "tip" the waiters with them or give three or four pieces for a bunch of delicious violets instead of the copper currency of the realm. To call a waiter (his cognomen in Spanish is "*Mozo*," but unfrequently used) you do nothing but violently clap your hands and with a loud "*Si, si, Señor*," shouted across the whole room he will come running to you. On entering, as well as leaving, it is etiquette always to lift the hat, and also, on sitting down to a table where there are strangers, you bow; if it is returned, as it invariably is, you have a right to sit there and engage them, or they you, in conversation. In the evening, at Grenada, every one goes to the theatre, either for one act or as many as you can afford: if you stay to see the whole play or plays (for nearly every act furnishes one piece), you are given, say, for four acts, four long slips of thin printed paper, pink, blue, yellow and white; these entitle you to a seat in every act, each ticket is collected by the ushers in the theatre or if you have been outside, when you enter; you are liable to have a seat in a small box for act No. 1 and a very dirty, distant one in the balcony for No. 2. They are all split up and it is most disagreeable to change your seat for each act since it is rarely that it is possible to secure the same place for an entire entertainment. We learned much Spanish by spending our evenings thus cheaply, and not without amusement, for in forcing oneself to get at the plot of the pieces, which rambled on until suddenly "time was called" as it were and the curtain descended, one learned a number of words and especially pronunciation.

The women were not pretty, as a rule, but most graceful, and in the many Spanish dances at the "Teatro Principal" we marvelled, to see them writhe and turn, keeping the most wonderful time, to either orchestra or guitars, upon the stage, while the audience beat frantic time with feet or canes, and snapped their fingers in lieu of castanets, the women loudest and sharpest of all, to the rhythm of the dance; towards the end they become violently excited, shouting at the top of their lungs, while turning and twisting, flourishing their arms wildly, stamping furiously—the audience joining in the excitement and beating time, faster and faster, until with a crash, or a twang, the music abruptly ceases, and the dancer retires quietly to her seat amidst a shower of violets and hats, and a ringing chorus of Spanish "*Holes!*" Here at Grenada flourishes the sickening sport of the cock-pit, taking the place in winter, of the sanguinary bull-fights, I will not discourse upon this, but simply say that it is fashionable to attend the fights on Sunday from two until five o'clock, one peseta entitling the payee to a seat around the pit during these hours, to observe the horrid spectacle, *ad nauseam*, and with the privilege of betting on a favorite bird.

I went to the beautiful Alhambra daily, and became well acquainted with its exquisite halls, and courts, its wonderful tile-work and color-effects, and the lovely views over valley and mountains now assuming a richer verdure at the touch of Spring.

The guides and officials gave me many liberties, as they were good enough to consider me an artist and George, coming under the head of photographers, also received equal benefits. The Alhambra is infested with flower-girls, big and little, some pretty, some frightfully ugly, but they, one and all lay in wait for the good natured, and unwary tourist, thrusting upon him—"embarras de richesse"—the sweet native violet. I was a great catch (owing to my love of this flower), at first, but I soon formed an acquaintance with one, Anita by name, a queen among them all, and refused all offers of sweet or fresh posies, save from her fair but dirty fingers. Every morning at ten, no matter where I had placed my little camp-stool to sketch, she would find me, and without a word except a pretty "*Bueno días*," or "*como le va*" she pinned my matutinal bunch to my coat, and seating herself near, commenced her morning task of gathering into small bunches the mass of separate flowers, with which her panier was filled. Taking due advantage of the circumstances, I learned

all I could of the Spanish tongue and we traded our different languages word for word. The passing observer would say, perhaps, that Anita was not the most appropriate teacher, but she was a practical and business-like little atom, and while often a great bother, still was of considerable help to me. She described the gypsies, their life and customs, telling all about her home, and what people did in the country, and in return asked me all about my native land. She had heard of South America, but the great Northern republic was a closed book to the little flower-maiden of the Alhambra. George and I photographed continually, about the city, the Alhambra and Generalife. The natives objected most strongly to being "Kodaked" and would run away in alarm whenever they saw us point our instruments at them: Anita said they feared the "evil eye," and that, if we were not careful, we would have both our heads and cameras badly damaged.

We remained at Grenada a fortnight, and during that time, visited nearly every point of interest in the city, and for miles around. At our hotel one day, I had a most amusing experience, and received the first "tip" as a domestic I have ever been fortunate enough to get. All the medium-sized hotels, the Alameda being no exception, had a "bus" at the station, and a driver and conductor or porter, who wore a hat with the word "Interprete" upon the front; whether interpreter or not, he was the "runner-in" as it were, for the hotel which he represented, on his return to which he always reported at the desk and doffed his guide's hat, hanging it upon a peg in the wall, and assuming his own head-gear. One night the "Interprete" of the Alameda being absent, the "bus" went to the station without him, and returned with the unexpected catch of a large English family, who, on seeing the proprietor, immediately rushed forward,

and poured out in a torrent of English, their desire for the very best rooms in the house, the other hotels being full to overflowing. It was impossible for either party to make themselves understood, and the host became frantic—so I, for the sake of experience, and anticipating some amusement took the interpreter's hat off its hook, and putting it on, I marched up to the now irate would-be-guests. The landlord gave me a look of gratitude as I politely inquired of the excited old English gentleman, in Spanish, having learned the sentence from hearing it used so often "What I could do for them?" He could not reply, of course. I then asked in French, what Madame and Monsieur desired. Neither the Englishman or his wife could speak French, but

turning to a young girl with them—their niece, said, "Edith, he is trying to speak French, we think, do try and tell him what we want." Much embarrassed and hardly able to say what she wished (I purposely misunderstood her, her French being nearly as bad as my own) we stood stupidly staring at each other, until seeing the uncle was becoming angry, I asked sweetly in English, whether they wished their rooms separately or "en suite." The expression of blank amazement that passed over their countenances was thrilling. Translating all their desires to the host, he quickly took them in charge, and to carry out my "role" I found it was incumbent on me to help carry up stairs several heavy trunks and boxes. This was the most irksome part, but when everything was done, I inquired in true porter style, whether they found themselves comfortable, and the now smiling and generous father complimented me upon my English, and thrust a five-franc piece into my hand! Hardly able to restrain my laughter, I had the best joke of all, when sitting near them at the breakfast-table the next morning, I had to tell them the facts of the case, and tried to return the "tip" of the previous evening, but the Englishman would not hear of it for a moment, murmured something about "Yankee brass," and said the joke was so good I must keep the coin as a souvenir. I have it still. It was with a great deal of regret that we left the fair City of Grenada, and feel like saying with the Grenadines—

"Quien no ha visto Grenada
"No ha visto nada."



Playing the Interpreter.

Though when we arrived in equally fair Seville, we were traitors enough to hum with the volatile Sevillian —

"Quien no ha visto Sevilla
"No ha visto maravilla."

F. L. V. HOPPIN.

(To be continued.)

THE NEW SALON.



Doorway [A. D. 1701] of a House at Casel. From *Architektonische Rundschau*.

IF a walk through the artistic maze in the Champs Elysées makes one sigh, a stroll through the wilderness in the fields dedicated to Mars produces occasional wonderment and almost complete boredom. True, one is amazed at the impudent audacity displayed by some of the painters; but whether we start from the art-for-art position or that of the more popular "subject" theory, the display is equally unsatisfactory. The modern reading of the Gospel has no important disciples — just a few Annunciations and Nativities, notably M. Louis Deschamps's charming "Bethléem," an echo of a Raphael babe upon a piece of bright red drapery, a modern "Vierge à la Voile." But, taking the display of the rank and file, the consummate impudence which is portrayed in thrusting mere daubs upon us (naturally, with the predominant violets and emerald greens — that is the present *Credo* of modern artistic eccentricity), and, looking through this army of pictorial cant, one can only wish that the rule of the old *Salon* of limiting each painter to two works were here observed. The grouping of the exhibits of each artist has many advantages, both for the painter and the public, when the painter is a master; but six, eight or ten canvases spoiled by hurling crude colors upon them, regardless of form, make one almost wish that some of the younger madmen would observe Ruskin's old maxim: "If you wish to make a present of a drawing, send a piece of paper unsoiled and a pencil uncut." The canvas, the colors and the brushes fresh from the color-man are, at all events, tolerably good specimens of workmanship; but issuing from the *ateliers* of *Messieurs les artistes* who "expose" in the Champs de Mars, these same poor canvases have a very sorry appearance, and seem sufficient evidence for the locking up of their authors at Charenton and the Salpêtrière. If this be the wearisome *fin de siècle* in art, let us all pray lustily for the speedy death and burial of the tiresome old century.

But, among the older men, a few pictures stand out most nobly: M. Dagnan-Bouveret's four works, to wit. Nothing can be more charming than the glowing "Dans le Forêt" [See Illustrations]: a few peasants, just a little idealized, listening to a young fellow playing the violin. The charms of music have absorbed their souls, and the lunch is staid; an old Breton gazes out into space, and a young girl with golden hair shows by the turn of her head (a *profil perdu*) that the strains are not all that she admires in the handsome young countryman. "Dans la Prairie" is equally refined, although it treats only of a peasant woman leaning upon a dun colored cow, which is grazing; but the girl's thoughts are far away from this meadow, and the sunshine, which bathes the picture in a warm glow and pierces the tender green of the grass, has penetrated her life but little; it is essentially as sad an art as that of M. Israëls's. The portrait of a mother nursing her boy reminds one of some of Reynolds's pictures in composition and of Mr. Orchardson's in tone, and, like the latter, M. Dagnan-Bouveret can make a fascinating portrait from what many people would call unengaging subjects. These are certainly the pictures of the year, although doubtless M. Carrière will carry off the palm in the estimation of not a few persons. But original as is the work of the latter, to many of us it is essentially unreal. Not only is the world eternally under the influence of a yellow fog mentally and physically, but all the inhabitants are of a

regimental type. M. Carrière's way of looking at things is a manner (or mannerism?) which has to be acquired, like the taste for curry and caviare. Still it is serious art, and, if we do not like it, we can acknowledge that the artist is in earnest, which cannot be said as we look at Mr. Dannat's. What in the world does the latter mean by his style — save the word! To say it is scene-painting is to insult the scene-painters *en masse*. It reminds one of the human grotesques who play the trumpets and beat the drums preliminary to the performance in the travelling-circus at a fair. One cannot take such productions seriously, nor as the result of madness, for, of all species of our kind, none are so serious as the insane; and yet they are not comic; rather are they inartistic impertinences to attract attention. If you gave an outline of one of the ladies upon a common Japanese fan enlarged to life-size, and a pot of blue paint and a brush to a child of five, you might secure a pendant to the "Flamenca." As to the studies of Spanish women, dressed and undressed, it is difficult to form an opinion, as I have never been in Spain; but if they be true representations of the "feminal" (as the catalogue has it) inhabitants of the Peninsula, their first parents must have been of different form from the dwellers in Eden — these poor deformities would have frightened the very beasts.

An interesting group of pictures is M. Boutet de Monvel's — very peculiar work, apparently thin color scrubbed onto the canvas, yet exquisitely drawn heads and hands. But, oddly, when this painter gives us little bits of Algerian streets, he loads on the color with the knife.

Mr. Burne-Jones's three pictures look quite old-fashioned, ordinary and academic here, surrounded by so much folly, which has not even the merit of being interesting, and M. Carolus-Duran is not at his best.

A noteworthy study of fire and sunlight, is M. Edelfelt's "Repas-seuses," a girl standing between a window and the fire. The reflected lights on the clothes and the sunniness of the stream of daylight which pours in through the window, is a study for artists. M. Firmin-Gérard exhibits no less than fifteen works, all charming more or less, but especially the "Chrysanthèmes sous la neige."

M. Hagborg is an artist who is always distinguished by seriousness of subject and treatment; he never throws dust in our eyes, and if "Un Enterrement" [See Illustrations] does not touch a corner in our hearts, so much the worse for us. The same may be said of the exquisite landscapes of Mr. A. Harrison. "La Solitude" represents a boy about to bathe in a lake surrounded by dark trees through which the light of the setting sun scarcely penetrates. The youth stands upon the bow of the boat; upon the surface of the water rest a few leaves of lilies; the whole atmosphere breathes a stillness which may be felt. Equally poetic is the golden summer moon rising over a seashore, which the water is calmly covering — one hears the gentle ripple as the waves succeed one another, and gradually submerge the sand. Several pictures which were at the London Grafton Gallery are here, and look quite ordinary: M. Claus's landscape, and M. Melchers's "Les Vêpres," to wit. But of all our *paysagistes*, do any of them equal M. Montenard in effects of light and intense heat? There is no effort to attract, and consequently no pictures are more attractive. It is true they are all of the sunny South; but if this painter chose to give us a London fog, we feel sure he could do it in all its horror. It is a pleasure with such surroundings to see so much conscientious work; and although we have basked in the real sunshine for eight or nine weeks, it is no less vastly agreeable to gaze at M. Montenard's lovely studies of Provence.

Some little tiny pictures by M. Pranshnikoff, of soldiers and horses, are clever, but wanting in color and somewhat hard. M. Rafaelli is so well-known, and so much as usual, that nothing new can be said, but a word of unqualified praise ought to be given to Mlle. E. Mercier's exquisite "Pensées," in water-colors. It is a popular error that the French painters know nothing of water-color, and that the English school is their superior — perhaps it is, in bulk; there is certainly much less respectable mediocrity displayed at the two *Salons*. But there is also much more absolutely masterly work; French aquarellists may be divided into two classes — the utterly infinitely feeble, and the intensely powerful. But the *Salons* are not the places to judge of water-color pictures; you must go to the special exhibition earlier in the season. Beautiful, also, are some of the pastels, but these also shone more brilliantly at the Rue de Sèze a few weeks ago.

S. BEALE.

ROYAL RELICS. — A writer in *La Vie Contemporaine*, a French periodical conducted by M. Jules Simon, has discovered that an old box in a lumber-room of the Louvre Museum, instead of containing archives, as was supposed by many, is full of the relics of royal personages — jaw-bones, shoulder-blades, shanks, ribs, and vertebrae. The writer states that there are among them the scapula of Hugues Capet, the thigh-bone of Charles V, the shin-bones of Charles VI and François I, the vertebrae of Charles VII and Charles IX, the ribs of Philippe le Bel and Louis XII, and the lower jaw-bone of Catherine de' Medici. The authenticity of these relics is, he says, proved by papers also found in the box. Nobody in the museum knows how the bones got there, but it is supposed that they were sent to the Tuileries after the violation of the royal tombs at St. Denis in 1793, and that they were thence conveyed to the Louvre. Another jaw-bone found with the lugubrious collection described above is vaguely supposed to have been that of Anne of Austria. The writer likewise includes in his list a shin-bone of Cardinal de Retz. — *London Exchange*.

MODERN ASYLUMS FOR THE INSANE.¹—II.

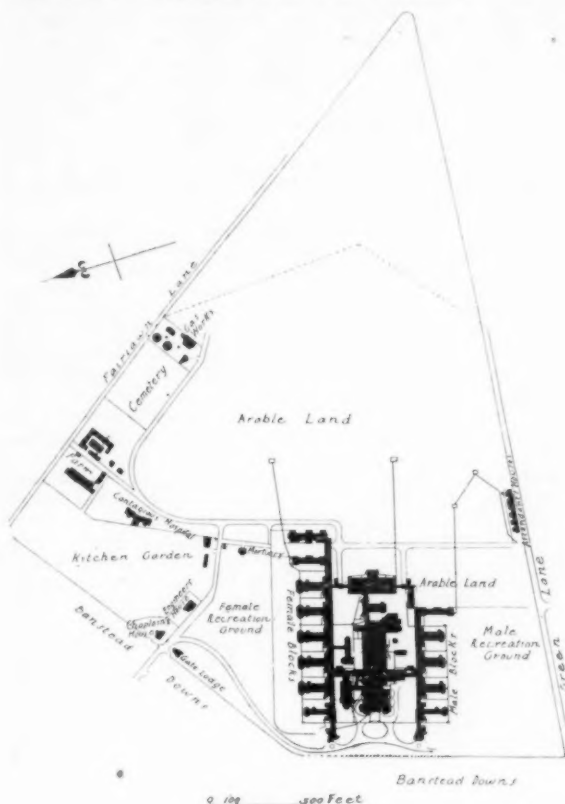


Fig. 3. Banstead Asylum.

THE site upon which an asylum should be erected must be sufficiently elevated, in order to secure a sufficient fall for the drains and sewers, and to allow direct application of the sewage to the land by gravitation. A location should be chosen where the subsoil is of a dry nature. Sir Robert Rawlinson considers, in reference to this point, that it is not advisable to excavate a site out of the side of a hill or rising ground, as not only would there be a liability of damp, but the prospect and the ventilation would be greatly interfered with. Before finally settling upon the choice of a site, the architect should consider the possibility of the scheme for the disposal of the sewage, and carefully examine the land and surroundings, to obtain a correct idea of the natural-drainage area.

A properly-prepared record should be obtained, and kept for future reference, with sections of the geological character of the subsoil as it is opened out for drainage, for, above all things, the site for such an important building as an asylum should be of a healthy character, and offer facilities for providing, where necessary, a complete system of under-drainage. A subsoil of chalk, gravel or rock is the most desirable.

It is of considerable importance that the site should not be near to any nuisance, such as steam-engines, shafts of mines, noisy trades or offensive manufactures; neither should it be surrounded or intersected by public roads or foot-paths. Not only should it be elevated in position, with undulating surfaces having a general fall towards the south, but also cheerful as to its surroundings.

The quantity of land which must be acquired for the purposes of an asylum and its appurtenances should be of liberal proportions, and, in view of ultimate enlargement of the building, a ratio of not less than one acre to every ten patients who will finally be admitted must be provided, so that there will be sufficient land to obtain ample farm-produce and to afford means for agricultural employment, exercise and recreation for the inmates of the institution. It is desirable that in any case an asylum should be built on a site of not less than fifty acres, irrespective of the number of patients for which it is intended.

It has been found that, as a rule, the principal buildings should be placed near the northern boundary of the land, as will be seen in the case with four out of the five examples of the London lunatic asylums which we give to illustrate our remarks in this chapter. It is important that the site should afford a plateau of sufficient extent for the main structure, which should be readily accessible from the north, while the whole of the southern portion of the land should be available for the undisturbed use of the patients. It is most desirable that the position of an institution of this class should be as central as possible to the mass of population of the district for which it is to be erected, and should be easily accessible by railway or other public conveyance, in order to facilitate the visits of the patients' friends and the carriage and supply of stores. It is well, where

possible, to be within a moderate distance of a town, so that gas and water may be introduced from the public or municipal works, and the attendants, officers and staff (and such patients who are able) may have opportunities for amusement and relaxation.

As asylums usually cover large areas of land, there is every possibility of danger arising from the nature of the soil in parts, for example, where the trench is made deep for sewers and drains, and the substrata consists of made ground, loose earth, bog, silt, quicksand or any such strata. Quicksand is most difficult to deal with, and, as a rule, such ground should only be opened in short lengths. The ground may require to be close-timbered, and, in such cases, stable litter and ashes will be found useful to pack behind and between the polling boards; in quicksand, pipes of cast-iron with water-tight joints should also be used.

Sound-looking clay or marl will also require careful timbering to prevent heavy breakings from the sides of the trench, as, when such ground "sets" heavily, the earthenware pipes may be ruined by cracking, crushing or by distorting the line of sewer or drain pipes.

The site of an asylum is better on a gravel than on any other soil, but as an asylum must occupy a central position as regards the population, it is obvious that the desirable substrata cannot always be obtained. Considerations of the cost of the land must also have great force, so that when an extent of buildings have to be erected on an unfavorable soil careful and thorough substrata drainage must be executed.

When considering the locality for an asylum in England, it is specially necessary that we should choose a position where every sunlight beam may be made the most of. A southern aspect must, therefore, be insisted upon in every case, and the building should be placed on gently rising ground, not too high above the sea-level, as a site placed on a lofty eminence is too cold for the more delicate cases of the insane, the extent of the surrounding land should be such as to allow the patients retirement from the too curious gaze of the idle public.

The height of the building has necessarily considerable influence upon the decision as to the quantity of the land to be acquired, but as the question of the number of stories is for our future consideration, we pass this subject by remarking upon the inadvisability of erecting any part of an asylum of a greater height than two stories.

As already mentioned we give site-plans [See Illustrations] of five London lunatic asylums. Figure 1, Hanwell Lunatic Asylum, Figure 2, Colney Hatch Lunatic Asylum, Figure 3, Banstead Asylum, Figure 4, Claybury Asylum, Figure 5, Cane Hill Asylum. Now our object in presenting these plans is to show the appropriation of the land attached and in the cases of three we submit a detailed table. It should be noted that Hanwell Asylum affords accommodation for 1,886 patients and Colney Hatch Asylum for 2,250 patients.

HANWELL LUNATIC ASYLUM.

	A.	R.	P.
Site of the Asylum and Buildings.....	8	1	29
Farm Buildings.....	1	0	2
Shrubberies.....	2	0	0
Airing Courts—Male.....	8	3	38
Female.....	8	1	30
Burial-ground.....	1	2	30
Water in Dock.....	0	0	28
Laundry-yard and Drying-ground.....	0	2	0
Roads and Yards.....	6	0	0
Brent Island.....	0	2	15
Kent Lodge.....	0	1	30

UNDER CULTIVATION.

	A.	R.	P.
Kitchen-garden (including paths).....	2	2	0
Orchard.....	1	2	0
Old Field.....	16	2	28
New Field.....	19	2	19
Brent Meadow.....	6	0	0
Viaduct Field.....	18	2	0
Total.....	64	3	7

Total..... 103 0 9

COLNEY HATCH LUNATIC ASYLUM.

	A.	R.	P.
Site of Buildings.....	4	2	24
Airing Courts, Male and Female.....	15	0	10
Kitchen-garden.....	8	0	0
Cemetery.....	1	2	0
Chaplain's Residence.....	0	3	30
Ornamental Grounds, Front Garden, Roads, Gas-works, and ground not in cultivation.....	31	1	6
Arable Land.....	32	3	34
Pasture Land.....	70	0	0
Total.....	164	1	30

BANSTEAD ASYLUM.

	A.	R.	P.
Site of Asylum.....	13	.....	.....
Recreation-grounds—Males.....	7	.....	.....
Recreation-grounds—Females.....	13	.....	.....
Farm Buildings and Gas Works.....	1	1	.....
Dwellings and Mortuary.....	3	.....	1
Cemetery.....	2	.....	.....
Roads and Boundary Walls.....	5	1	1
Kitchen-garden.....	8	.....	.....
Arable Land.....	49	2	34
Fairlawn Field, arable.....	17	2	30
Total.....	117	2	30

In the year 1883 Cane Hill Asylum (Fig. 5) was opened with 149 acres, the cost of the land being £23,000 (\$115,000) the number of the patients provided for being 1,124.

The Claybury Asylum is fast approaching completion and is the first asylum which has been designed in this country originally for

¹ By George H. Bibby, F. R. I. B. A., F. R. Hist. S., and Ernest A. E. Woodrow, A. R. I. B. A. Continued from No. 910, page 149.

so large a number of patients as two thousand patients, although others by reason of various additions afford space for greater numbers.

The contract for the superstructure alone was £337,945 and with the laying-out of roads and grounds, etc., the cost has been estimated at £450,000, that is, a probable outlay of £220 per patient.

The English Commissioners in Lunacy have given a great deal of attention to the question of water-supply and the various schemes which have been from time to time submitted to them, are closely criticised in this respect. The Commissioners demand that all reservoirs for pure-water service must be covered and fully ventilated at the same time; filters must be clean, and kept so, or they become polluters instead of purifiers, there is no exception to this rule, as filters large or small, for public or private use, must be cleansed effectively at short intervals. Cast-iron pipes properly varnished alone should be used for water-mains, and it is not advisable to use any of a less internal diameter than four inches. Wrought-iron service-pipes are cheaper, stronger and more easily fitted than lead pipes. Where the main is of wrought-iron and the pipes are laid in the ground, they should rest in a casing of wood and be properly protected by asphalt, as some waters corrode wrought-iron pipes and have no action upon lead; there is in such cases no alternative, and lead must be used. Earthenware pipes with asphalt joints, supplemented by Portland cement, can, however, be used for water-conduits, to bring in water from springs and reservoirs situated at a distance, provided the joints are not placed under pressure; that is, there must be an evenly graduated fall with an open-end delivery. Lead should not be used for drinking-water cisterns, but slate, boiler-plate or cast-iron for the large cisterns.

Shallow wells are bad, very bad, for they are liable to pollution from infiltration of solutions of vegetable and animal matter, unless the brick lining is absolutely water-tight down to the water-bearing strata, by being set in cement or by having a lining of cast-iron cylinders to exclude the surrounding subsoil water. Natural springs may be utilized by storing the water in a covered and ventilated brick or cement-concrete reservoir, which should be of a size not less than to contain the flow of one entire day; springs of water at a distance may be conducted in pipes laid so as to travel the intervening distance. The fall of the conduit must vary according to circumstances, but should not be less than one in one thousand, nor greater than one in three hundred, unless cast-iron pipes are used. In forming an earthenware-pipe conduit, great care must be taken to first make the trench water-tight, and then to lay asphalt-jointed pipes bedded in cement so as to secure that the conduit be absolutely sound throughout its whole length, but there should certainly be means provided at given intervals for examining and cleansing the pipes at convenient points.

In many asylums large tanks are necessary for the storage of pure water. These should be either of stone, cement, concrete or brick, and be arched over or otherwise roofed, so as to protect the water from the direct action of the sun and from contamination.

The questions of drainage, site and aspect are most closely connected, and this subject, therefore, calls for our next attention. Sewers and drains should be capable of conveying sewage to some common outlet without retaining sediment. They should have arrangements for ventilation at all the highest points, and at intervals of not more than one hundred feet apart. All sewer and drain ventilators should be constructed in such a manner as not to cause the slightest nuisance. In asylum work, particularly, defective work in main sewerage and draining, producing leaking joints or fractured pipes, must be both difficult and costly to repair. The greatest care should, therefore, be taken in the first instance to produce good, sound work, and to fully test the sewers and drains before the trenches are filled-in.

Sewer and drainage pipes of earthenware may be rendered inefficient by the joints slipping, and thus allowing leakage into the subsoil; indeed, it is almost impossible to prevent earthenware pipes having leaking joints when they are laid in loose earth. The softest and soundest sewers for asylum work are made of cast-iron properly back-varnished, with the socket-joint turned and bored or made with lead, as for water-supply. When the sewer is made thus of cast-iron, the largest diameter requisite for the main drain of an asylum need not exceed nine or twelve inches, according to circumstances, for such a sewer can easily be flushed under pressure.

When the drains cross beneath the basement cast-iron pipes should also be used, for frequent reopening of the ground to repair faulty construction is a source of danger to patients for reasons unnecessary to point out. Roof-water may be stored in tanks for domestic use, but special surface-channels or drain-conduits may be provided for subsoil water, excesses of roof and other surface waters, so as to reduce the volume of fluid to be dealt with by land-irrigation, which we shall describe at the conclusion of this article. Automatic flushing-tanks may be placed at the head of sewers and drains to receive waste-waters from baths and lavatories, to be used for the purposes of drain-flushing. Main sewers should certainly be laid in straight lines, with true gradients from point to point. Where changes of line or gradient cannot be avoided, man-holes with movable covers for inspection should be formed at the points of divergence. Although it may appear that much we have said, and, indeed, may have to say hereafter, is but common knowledge to architects for all classes of buildings, yet we must most emphatically urge upon the readers of the *American Architect* the absolute neces-

sity of observing with even stricter care than usual all sanitary precautions for asylum buildings. This will impress itself upon the mind when it is considered how hopeless and sadly helpless are many of the cases which are under treatment in asylums for the insane; human pity alone calls for true excellence in every minor detail in the preparation of the building and surroundings for the reception of the patients, and it is a task of great weight that the architect has to perform who is commissioned to erect an asylum. For these reasons, we intend to devote, so far as in our power lies, a greater thoroughness to the description of detail than would otherwise be demanded in dealing with buildings of less importance to the public health and the great social evil—insanity.

Closely connected with the choice of site is the question of irrigation. The English Commissioners in Lunacy have issued many practical suggestions, in consideration of sewage being used for agricultural purposes where proper knowledge and care are exercised. Sewage contains the elements of every field or garden crop which is grown, and, compared with solid manure, there are advantages in using the fluid sewage, for the water in itself is of value in the dry weather. The earth possesses the power of extracting and absorbing from sewage the manure it contains; if the dressings, in volume, are proportioned to the area, to the depth broken up and to the quality of the land, sewage may be applied to the land throughout the year.

Land of a porous character if close and deeply drained (not less than six feet) will filter clarified sewage on a small area; such land-filter shall, however, be in duplicate, so that each filter may be in use and at rest alternately. This form of filter will only be required where the area of the land under irrigation is not sufficient. Porous and loamy soil will filter sewage the most perfectly, sand and gravel the most rapidly, heavy clay will not filter unless it be specially prepared and trenched for irrigation; thus sewage can be clarified by flowing over clay land properly treated.

For surface-irrigation not less than one acre is necessary for 150 patients, unless the land be very porous and is specially prepared to act as a filter.

Irrigation should be with fresh sewage, the volume made each day being passed over some portion of the land, and never stored in tanks. The night outflow should be provided for on an area specially prepared to act as a sewage-filter. It is calculated that one hundred tons of sewage is equivalent to one inch in depth over one statute acre.

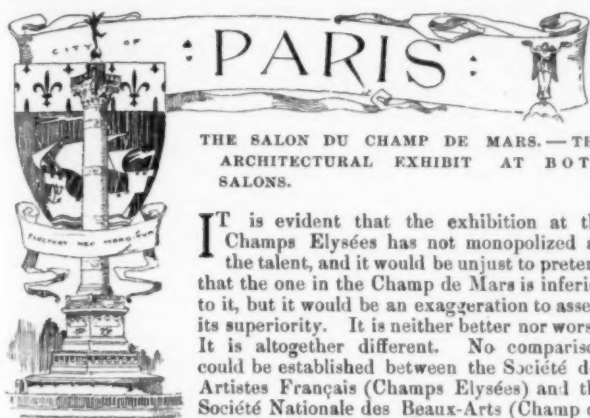
The land requires to be specially worked for effective irrigation: it should be broken up at regulated intervals, not exceeding three years, either by double ploughing or by working with a spade to a depth of eighteen inches; by thus loosening the surface the sewage can become incorporated with the soil and subsoil. For irrigation, it will be clearly seen, there must on no account be stagnation, either on the surface or in the subsoil. The land must be so laid that the "carriers" will distribute the fluid in a thin film over the surface, and if the drainage is made to take off the stagnant water from the subsoil there will be no need of disinfectants.

As already indicated the materials to be used for building, constructing, draining and sewerage should be the very best procurable, and the workmanship should be so perfect that the works may be, and remain, efficient.

It has been found that sometimes unnecessary expense is often incurred in the erection of an asylum: unduly liberal residential accommodation is often provided for the medical officers, chaplain and others, extravagant engineering schemes are entered upon for heating and ventilating, over-costly apparatus and laundry-machinery supplied, expensive chapels provided, vast corridors of unnecessary length and width, picturesque lodges, all of which tend to a greater outlay of public money than required for the effectual carrying-out of the undertaking. It has also been observed that in three or four cases a great loss has been incurred through the fault of bad management of the levels of the large areas of land upon which the buildings are placed, many thousands of pounds being expended in bringing the earth into conformity with a building wholly unsuited to the position.

It has been suggested that there would be a great public advantage if, over the whole of the country a central architectural department could be formed (partly under the control of the Commissioners of Lunacy) for the exclusive purpose of designing and providing asylums for the insane. It is obvious that the work that would fall at the outset upon such a department would be very great, and that it would undoubtedly increase year by year; for London alone, it is estimated, would have to expend large sums yearly on new asylums and the improvement or extension of old ones. The advantages, argued in favor of this arrangement, are, that architectural experience would be centralized, and that such an office would be able to remunerate fairly its staff of architectural officers, for large commissions to individual architects would be abolished, the support of the department could be paid by contributions from each district in proportion to the number of patients provided for. An advantage by holding all asylums under one common government would be that the public would be saved the expense, now frequently incurred, of boarding-out lunatics at great extra expense in asylums belonging to another district, while having at times, in certain districts, to maintain buildings not always fully tenanted; but to this part of the subject we shall have to refer again.

[To be continued.]



THE SALON DU CHAMP DE MARS.—THE ARCHITECTURAL EXHIBIT AT BOTH SALONS.

IT is evident that the exhibition at the Champs Elysées has not monopolized all the talent, and it would be unjust to pretend that the one in the Champ de Mars is inferior to it, but it would be an exaggeration to assert its superiority. It is neither better nor worse. It is altogether different. No comparison could be established between the Société des Artistes Français (Champs Elysées) and the Société Nationale des Beaux-Arts (Champ de Mars). In the first the average talent is greater, but manifests itself within the same conventional limits without seeking for new methods. In the second, open to every attempt and every experiment, we recognize here and there peculiar manifestations of art, and new interpretations of nature. These expressions are often very imperfect, very weak, some turning too

sort out the young and new contributors, then we will pay our homage to those who, separated from the Champs Elysées, are only so separated by little differences of opinion and not by their artistic tendencies. The Société Nationale des Beaux-Arts does not award recompenses. Here there are no mentions, medals nor prizes of honor. But this in itself is ground for felicitation. Moreover, the number of exhibits is unlimited, and this may have sometimes a certain amount of interest; and finally, this justice must be done it, that it exhibits from the same artist all kinds of work, and this is a thing which is not done at the Champs Elysées, where they look askance at a painter of still-life who has had the audacity to offer figure or *genre* painting. Moreover, the intentions and the principles of the Société Nationale are excellent. Unfortunately for the sake of numbers and of acquiring a certain importance, it has received a too large number of mediocre works, which the public has a good deal of difficulty in accepting, in spite of the benevolent efforts of the large number of journalists who are favorably disposed towards the Société Nationale.

M. Aman-Jean is amongst those who interest us. Until now he has hardly exhibited anything but portraits, rendered in a tone which recalls old tapestries, but it is just this peculiarity of vision which is curious, and which would lend itself admirably to decorative paintings. When will M. Aman-Jean show us an important composition? His allegory of Venice this year makes us hope for a work far removed from mere commonplaces by-and-by.

M. Lebourg, the landscape painter, gives us some very curious im-



Death and the Wood-cutter, after a Painting by Lhermitte. From L'Illustration. ■

quickly towards oddity and incoherence; but the remainder cannot be considered of indifferent merit, in spite of their defects and their weaknesses.

At this epoch of naturalism, of vulgarity, we feel that a new school of idealists, of mystics even, is having birth, which amid dreams and unreality seeks sensations of art which it seems present positivism should have stifled. It must be acknowledged that about certain persons who have acquired serious convictions have grouped themselves a large number of feeble workers who only seek for applause and notoriety, even if obtained at the cost of ridicule. With these, we will not concern ourselves.

It reviewing the exhibition at the Champ de Mars, we will first

pressions of nature. His sketches, broadly treated, with free brush-strokes, seem from near at hand the very brutalism of sketching, but at a certain distance everything falls into harmony and mingles in producing atmosphere and light, and they are then charming.

Mr. Alexander, an American, is much talked about this year, but I confess that I do not share the enthusiasm which he has excited in some. Taking his inspiration from Whistler, and his "harmonies" in black or gray, he exhibits portraits of startling appearance, painted with real ability on the coarsest of canvas, whose very mesh plays a certain rôle in this *ensemble*, which smacks of vulgarity.

M. Carrière is always the same, and I have great trouble in accustoming myself to his work. His portraits are poorly colored, the

features treated in gray tones, tending to brown, the bodies lost in a mist, which envelopes the whole painting, though it gives a relative relief to the figures. But what is the use of this uniformity of tone? M. Carrière has united in a single canvas the portraits of an entire family. It is inadmissible that every member of this family should have the same earthy tint, unless they are the victims of an epidemic. Their eyes in the painting form a series of uniform little black points, which would make one believe that all these eyes have the same color and the same brilliancy. This is unbelievable. What is the use of painting if one insists on working always in the same tone? It is not logical. The portraits painted by M. Carrière would probably be charming as drawings, for they exhibit a very peculiar talent and very artistic interpretation of the human countenance, whether living or suffering.

M. Zacharian follows to a certain degree the same methods in misrepresenting the color of his subjects. His hams, his melons, his grapes are well arranged, but smooth. Good Heavens! if one should set such fruit on the table before me, I should make haste to send it away as not fit for eating. Now, you may say what you please, but the only way to discount the lack of interest in still-life subjects is to be doubly sure that they are true to nature, and above all are appetizing.

Mr. Alexander Harrison of the United States, while searching for new impressions, has known how not to abandon the path of true art in favor of mere oddity. His contribution is exceptionally interesting. His marines possess great poetic feeling and a calmness which recalls a dream as if it were the scene itself. Mr. Harrison this year has achieved a great success, and the State has purchased one of his fine marine views, styled "La Lune."

M. Raffaelli is an artist whose ability is not appreciated by everybody. I confess that I do not love his rather charcoally painting, made with long, black and sinuous brush-strokes. If M. Raffaelli attempted to paint the elegance of Parisian daily life in place of his commonplace subjects, his methods would serve him ill. It must be acknowledged, however, that so long as he treats little subjects he does not lack feeling, and his defects are less apparent. Three of his paintings now belong to the American Art Association.

Two large pictures draw attention to the Champ de Mars. The largest is that of M. Roll, who has been officially employed to perpetuate on canvas the souvenir of the Centenary of the Convocation of the States General at Versailles, the festival which took place on March 5, 1889, on the evening of the opening of our Universal Exhibition. He has collected at Versailles everybody in the way of celebrities in the political, literary and artistic world whom Paris contained. M. Roll has grouped near the Basin of Neptune a large number of celebrated men, lost in the midst of the crowd applauding the President of the Republic, M. Carnot, who is surrounded by his ministers. Treated in a clear and sunny key, this painting gives a true impression of a crowd on a fête day, a crowd full of motion and noise, enthusiastic, and above all good-natured. M. Roll's work is just the sort of thing that one would expect from so exact a painter of our public customs.

The other great canvas is signed M. Puvis de Chavannes, the present president of the Société Nationale. It is a *camieu* tinted in pinkish gray, a study definite in all that concerns the composition, and intended for the ceiling of the grand staircase at the Hôtel de Ville. M. Puvis de Chavannes's compositions are always allegorical. In this one, a poet, in the guise of Victor Hugo, clad in a long antique robe, does homage with his lyre to the City of Paris. Three winged allegorical figures accompany the poet, and these are the inspiring muses of his "Contemplations," of the "Legend of the Centuries," of his "Châtiments." The City of Paris, seated under a porch, surrounded by figures personifying the Letters, Sciences and Arts, greets the poet, who approaches with due solemnity. I will not pass judgment on this work, which is neither complete, since it lacks its color, nor is it in its place, since it is to decorate a staircase ceiling. A decorative composition ought never to be exhibited



Homage of Victor Hugo to the City of Paris, after a Painting by Puvis de Chavannes. From *L'Illustration*.

at a Salon. It is not a painting intended for framing. It is rather a work made for a definite purpose, intended to be accompanied by architectural lines without troubling them. One runs a risk, therefore, of being deceived in judging it in an isolated position; and this

is what happened to me when I passed judgment on the decoration which M. Puvis de Chavannes intended for the Sorbonne; for in fact, that admirable decoration possesses great beauty, and harmonizes in a very perfect manner with the grand amphitheatre of which it occupies the background. Nevertheless, when it was exhibited at the Salon the composition did not appear to me as being successful. Seen in place, however, even in the middle of a bare and unfinished wall, it satisfied me better. To-day, however, I find it superb, and have not words proper to express my regret for my former hasty criticisms. Can more than this be expected of me? All that I can say of the new work of M. Puvis de Chavannes is that it seems hardly to lend itself to the decoration of a ceiling, which requires a special perspective; but perhaps even here I am mistaken. Let us rather wait for its completion and installation in the place intended for it.

In the midst of the more or less successful efforts of the youthful renovators of art, there must not be overlooked the representations of an art which, though more classic, is not modernized. At the Champ de Mars pure classic art does not exist, and we are "all in the air," which I, for one, do not regret.

M. Boutet de Monvel has acquired the reputation of a painstaking and gifted artist. He makes a special study of children, whose charm and naïve graces he admirably renders in drawings very lightly tinted, very correct in line, and themselves stamped with a certain intended naïveté. M. Boutet de Monvel has had the desire to do larger work, and has undertaken a "Diana," which will add nothing to his reputation. Applying his usual processes to the study of a life-size figure, he has succeeded, in the absence of the model, in making out of the fair beauty of a goddess only a flat and lifeless thing. To be sure, he recovers himself in some pretty children's portraits and some Eastern landscape-studies of an interesting fineness of execution.

The painting of M. Dagnan-Bouveret, styled "In the Forest," has excited much talk. Some fagot-cutters are seated about one of their companions, listening attentively as he plays the fiddle, altogether absorbed by the charm of the music which the youthful musician produces. The effect is charming and full of feeling. Over the whole painting rules an air of calmness and poetical feeling exquisite in its simplicity. But why has M. Dagnan enveloped all his figures in a yellow tone, which gives to his work the appearance of an old painting?

And here is one of the masters of the French school, always at his best, M. Carolus-Duran, whose ability as a colorist is affirmed in a startling manner in a series of portraits, the most remarkable of which are those of MM. Arsène Houssaye, Edmond Guillaume, architect of the Louvre, and Widor, the musical composer. One of his best pupils, Miss Lee-Robins, whom I have all the more pleasure in mentioning because she hails from New York, exhibits a pretty foreshortened nude figure, called "Asleep," which has much grace and is charmingly modelled.

M. Lhermitte's talent still continues robust. His "Death and the Woodcutter," this year, is an important work, and fine in feeling. The woodcutter, crushed under the weight of his burden, which he has just deposited on the ground, and near which he has fallen, is regarding with astonished fright the appearance of Death, whom, in a moment of despair, he has summoned. The effect is very dramatic, and is rendered without exaggeration through the suffering and fearsome expression of the woodcutter.

The contributions of Mr. Burne-Jones, whose unreal personages are, in my opinion, treated in a too perfect and too human manner, are much discussed. In his "Depths of the Sea," he shows us a siren dragging down to the bottom the body of a young and powerful man, her victim. The enigmatic expression of the supernatural being is well rendered, but, aside from her fish's tail, she is a real flesh-and-blood human being, possessing the very essence of humanity. Mr. Burne-Jones, in his "Perseus," is more moving. Three figures, seated at the foot of a bluish mountain in a freezing atmosphere, are listening to the mysterious voice of Perseus. These figures have none of the elements of matter. The region which they inhabit is unknown. There floats through the *ensemble* of this painting the sentiment of a dream, a vision which disquiets while yet it attracts. It is highly curious.

Without going farther in a review which might degenerate soon into a catalogue, what is the conclusion to be drawn from the two exhibitions in the Champs Elysées and the Champ de Mars? In the first we find a mass of indisputable talent high in the average, but yet an average which is in some ways of indifferent worth. It is the work of talent which has already reached its full bloom, and which is not likely to change. There are no surprises, no experiments. Every one knows his business. There is no originality, but a correctness which rests on the science of drawing and study. At the Champ de Mars this science is rather wanting. Here everybody is young and impetuous, is in search of novelties, and rather affects to smash the ancient idols. They wish to write without having learned their grammar, and they paint before they have learned to draw. They despise the School, and yet have great need of everything it can give.

Now let us return to the Champs Elysées, where we have left architecture — also represented this year at the Champ de Mars for the first time. We will, in passing, respectfully salute M. Roybet, the success of whose painting I spoke of in my last letter, who has just obtained the Medal of Honor in that section.

In architecture, it is M. Defrasse, a pensioner at Rome, who has won this recompense. M. Defrasse has made a very remarkable restoration of the sacred enclosure at Epidauros. It is very well known what sort of things these restorations are which exercise the archaeological imaginations of the Prix de Rome men. Out of picturesque ruins and fragments of columns which lift themselves from deserted sites, our young artists cause to issue resplendent temples, grandiose porticos peopled with statues. They thus expend an enormous amount of talent on works of the utility of which I always remain in doubt, for really, after having passed four years in dreaming over these works of architecture anterior to Jesus Christ, it is a house to lease, a country house, or some public buildings on which they will have to exercise their talent, and this sort of work only distantly recalls the forms which they have studied at Rome—to the pleasure only of archaeologists.

M. Boutron interests me more with a measured drawing and a restoration, this time a real one, of the rood-screen of the Cathedral of Limoges, whose fine sculpture and rich decoration he shows us.

M. Paul Normand exhibits his design for a central railway station, which won him the first-second grand prize of Rome in 1891. It is an ingenious application of the trusses of wide span which in 1889 made the success of our Gallery of Machines at the Universal Exposition.

All the Americans who have been in Paris have taken the boat to go to Bas Meudon for the sake of admiring the banks of the Seine and of eating a fry. Those who return in the course of a few years will find at the terminus a little funicular railway, which will transport them up to the grand Hôtel du Belvédère, in course of construction, the architect of which, M. Rives, exhibits his drawings at the Salon. It is a large structure of gay aspect, which will dominate the whole valley of St. Cloud, and evidently will be a pleasant place to go for breakfast.

MM. St. Père have sent some pretty drawings of the tomb of Philippe (II) the Bold, Duke of Burgundy. This monument, originally erected in the Carthusian Monastery of Champmol at Dijon, has been restored by M. St. Père the elder, and is to-day exhibited in the Museum in that city. I cannot expatiate on all the nice things in the architectural gallery, which contains a large number of remarkable water-colors and drawings carefully made. I must be content with pointing out the most important of them, and amongst them I will first mention the restoration of the Château de la Rochefoucauld, by MM. Bauhain and Godefroy. Situated in Angoumois, this château in the fifteenth century had the air and character of a fortress. The present aspect is much less severe in character, and MM. Bauhain and Godefroy make it wholly disappear, thanks to a restoration, or, rather, a Renaissance transformation, very elegant and rich in character. This work, very ably presented, is the work of two distinguished artists.

M. Robin is the architect of the new railway station at Nice, very good in general effect, in which brick discreetly used adds a note of lightness and gaiety.

Very gay also is the architecture of the new Salle de Spectacle, on the Boulevard des Capucines, by the architect Léon Carle, who exhibits the drawings of it. It is a great hall which at the same time serves as a theatre and as a ball and concert room, like many others which may be found in Paris. Iron plays an important part in this species of building, which most often consists of a great hall, about which are corridors and galleries.

M. Imbert has made a measured drawing (unfortunately very heavily rendered) of rather an interesting monument of the Church at Vignory (Haute Marne). This edifice, designed under the name of St. Etienne, was begun in 987, and was finished in 1053. At a certain epoch the original stone spire was covered with slate. It is in the Church at Vignory that is remarked the origin of the triforium. The five lateral chapels on the south date from the fifteenth and sixteenth centuries. It was, thanks to Merimée, inspector of historical monuments, classed in 1844 in that category, and its restoration, begun in 1847, by Boeswilwald, was finished in 1864.

We see thus that at the Champs Elysées classic architecture is seriously represented. At the Champ de Mars it is not so, and only original compositions and measured drawings or restorations of quite exceptional interest are accepted. What is of interest is that drawings relating to works already executed or projected may be accompanied with architectonic motives in whatever material they are executed, which are attached to or enter into the category of objects of art already represented at the Champ de Mars. This is an excellent idea, which may give a little life and interest to our exhibitions, which the public too much neglects. It is not a bad idea to show side by side with plans and technical drawings, the interesting side within the reach of everybody which allies itself with architectural work. There are only eleven architects who have come to the support of this attempt, of which the future will reveal to us the good or bad side. Meanwhile, it deserves to be encouraged, and to M. De Baudot ought to be given the liveliest felicitations upon the zeal which he has displayed. It is he, moreover, who represents most completely the new form of the architectural exhibition. He exhibits a little Parisian dwelling-house, his own, by the way, in which he has employed new methods of construction and decoration, of which he shows some specimens. I shall certainly recur later to this little house, whose floors and roofs are of cement, thus suppressing all the woodwork in the roof and gaining in consequence an appreciable space. The façade, picturesque in aspect, is decorated

with ceramic work, the beauty of which is attested by specimens. A chimney-piece with framing of enamelled stoneware and a mirror-frame decorated with designs drawn with a hot poker are here shown full-size, as well as a stained-glass window and chimney-casing, and a very curious specimen of glass-enamelled cement, used in the decoration of door-frames, ceilings, etc. All this is very interesting and well deserves detailed examination; but this is almost the only exhibit which is really original and in consonance with the new programme. The others do not attract particular attention, and might all have as well found a place in the Champs Elysées. But I repeat, it is the beginning of a movement which may lead to very good results, amongst others, that of waking up the exhibitors at the Champs Elysées, who will have to contend against this competition. Competition has been good for painters. Let us then hope that it will be equally good for architects.



DEPARTMENT OF ARCHITECTURE OF THE BROOKLYN INSTITUTE OF ARTS AND SCIENCES.

AT its annual election the following officers and committees were elected for the ensuing year:

President, Mr. Walter Dickson; *Vice-president*, Mr. Isaac L. Ditmas; *Secretary*, Mr. Albert L. Brockway; *Treasurer*, Mr. Gustave A. Jahn.

Committee on Current Work.—Albert R. Parfitt, William Danmar, R. L. Daus.

Committee on Museum and Library.—R. M. Upjohn, Barr Ferree, Washington Hull.

Committee on Competition and Awards.—A. G. Thomson, George L. Morse, George P. Chappell.

Committee on Professional Practice.—William B. Tubby, Isaac L. Ditmas, Charles T. Mott.

Committee on Social Intercourse.—James H. Merritt, H. P. Fowler, F. J. Berlenbach, Jr.

Committee on Finance and Audit.—William Adams, C. F. Edminster, Louis De Coppet Berg.

Committee on Exhibition.—James H. Merritt, Albert E. Parfitt, William B. Tubby, Franklin W. Hooper, George L. Morse, Barr Ferree.

Committee on Architectural School.—Louis De Coppet Berg, George L. Morse, William B. Tubby, Prof. William H. Goodyear, Prof. Franklin W. Hooper.

Committee on Collecting Photographs of and Preservation of Colonial Architecture.—William Danmar, George W. Wundram, Pierre Le Brun, Albert E. Parfitt.

The Department contains one hundred practising architects and two hundred students in offices and studying architecture.

Its annual exhibition of drawings just closed was the most successful it has had.

The Architectural School averaged sixty pupils of advanced grades, meeting five evenings each week, under able teachers.

Lectures by Professors Plimpton, Sturgis, Goodyear, and practising architects were given weekly before the Institute and class.

The Advisory Board has monthly meetings of a social as well as business character.

Many of its members practise in New York City and reside in Brooklyn.

It is in the fourth year of its prosperity.



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

ALL SOULS' UNITARIAN CHURCH, ELM HILL AVE. FRONT, ROXBURY, MASS. MR. J. WILLIAMS BEAL, ARCHITECT, BOSTON, MASS.

[Heliochrome, issued with the International and Imperial Editions only.]

JACKSON SCHOOL, SALT LAKE CITY, UTAH TER. MESSRS. WARE & CORNELL, ARCHITECTS, SALT LAKE CITY, UTAH TER.

THE problem given was: (1) oblong rooms with light from left and rear; (2) outside light to each ward-room or cloak-hall; (3) a symmetrical building inside and out; (4) a principal's office, teacher's room and two recitation-rooms; (5) the building to cost not over \$45,000 (the design was changed somewhat to do this). The floor plans explain how well the first four conditions were met.

PLANS OF LONDON COUNTY INSANE ASYLUMS.

SEE article elsewhere in this issue.

ALTERATIONS TO FIRST PRESBYTERIAN CHURCH, WATERTOWN, N. Y. MESSRS. ELLINGWOOD & PARISH, ARCHITECTS, NEW YORK, N. Y.

The materials in old building were common brick and local stone, new work matches old.

BAPTIST CHURCH, BUFFALO, N. Y. MR. GEORGE CARY, ARCHITECT, BUFFALO, N. Y.

ST. MARTIN'S CHURCH, NEW BEDFORD, MASS. MR. HENRY VAUGHAN, ARCHITECT, BOSTON, MASS.

This structure when completed will consist of a nave, south aisle, chancel, organ-chamber, vestry-rooms, etc., and will have a seating-capacity for five hundred. At present only the nave aisle and part of the tower is built. A temporary chancel has been arranged and two bays of the aisle have been screened off for vestry-rooms. The cost of the completed building will be about \$35,000. The nave and lower half of the tower were completed in May, 1892, at a cost of \$18,000. The vestry propose completing the chancel and tower this summer.

[Additional Illustrations in the International Edition.]

ALL SOULS' UNITARIAN CHURCH, WARREN ST. FRONT, ROXBURY, MASS. MR. J. WILLIAMS BEAL, ARCHITECT, BOSTON, MASS.

[Gelatine Print.]

DESIGN FOR RECONSTRUCTION OF THE COUNTRY SEAT OF COUNT NIKOLAS ESTERHAZY, NEAR TOTIS, HUNGARY.

This subject is copied from *Architektonische Rundschau*.

"A NORMAN FUNERAL," AFTER THE PAINTING BY A. HAGBORG.

For description of this plate which is copied from *Figaro Salon*, see article on "The New Salon" elsewhere in this issue.

"IN THE FOREST," AFTER THE PAINTING BY DAGNAN-BOUVERET.

For description of this plate which is copied from *L'Illustration*, see Paris Letter elsewhere in this issue.

DETAILS OF THE CHURCH OF SAN FRANCESCO, RIMINI, ITALY.

This plate is copied from *Zeitschrift für Bauesesen*.

PREMIATED DESIGN FOR SAINT PANCRAS MUNICIPAL BUILDING. MR. W. HARRISON, ARCHITECT.

This plate is copied from the *British Architect*.

PARKER'S HOTEL, SURREY STREET, STRAND, LONDON, ENG.

THE revolution in the architectural appearance of some parts of London cannot be better exemplified than by a contrast between the old-fashioned private hotels and boarding-houses in streets off the Strand and hotels like the one we illustrate. Mrs. Lirriper herself would acknowledge that the change was an improvement. Parker's Hotel is undoubtedly as effective without as it is comfortable within, and it is one of those buildings we may often expect to see in the sketch-books of foreign architects.

THE TUNS HOTEL, ODIHAM, ENG. MR. GEORGE W. WEBB, F. R. I. B. A., ARCHITECT, READING, ENG.

This hotel has been rebuilt for Messrs. May & Co., Basingstoke, on the site of the old one destroyed by fire. It forms a picturesque feature in the main street.

BAMBERG.

MANCHESTER CATHEDRAL.

THE present diocese of Manchester is of modern creation, but the Cathedral church itself, or as it is still called in the local vernacular "th'owd Church," is of ancient foundation, having been originally Parish Church, then Collegiate and Parish Church, and now finally Cathedral of the diocese and Parish Church of Manchester, the Cathedral proper consisting of the choir and its aisles only, while the nave and its aisles are still the Parish Church. The Dean has, moreover, according to Act of Parliament (13 & 14 Vict., c. 41, sec. 4) " . . . cure of souls in the Residuary Parish, in which he is assisted by the Minor Canons, who . . . shall be subject to and act under his directions; and the said dean shall have all rights and powers in

reference to the performance of the services of the said Parish Church as fully and effectually as if he were Rector of the same." Manchester, together with the rest of Lancashire, originally formed part of the large Diocese of Lichfield and Coventry, but on the formation of the See of Chester by Henry VIII in 1541, Lancashire was transferred to the jurisdiction of the Bishop of Chester, and remained so until 1848, when the present Diocese of Manchester was created.

There is a general, though totally erroneous impression, that Manchester, and all pertaining to it, is of quite recent, if not of purely mushroom growth. As a matter of fact, it has been a place of some importance ever since the Romans established a camp on the banks of the river Irwell, part of the walls of which still remain, by a curious change of circumstances, in the basement of a modern warehouse. This Roman station was about a mile south of the site of the present church, and after the departure of the Romans from Britain, the site of the town was removed north to a point at the junction of the rivers Irk and Irwell, the position now occupied by the Cathedral and Chetham's Hospital, this latter at one time the domestic buildings of the college. This migration was probably brought about by the plundering of the old town by the Danes. At this new site a manor-house was built, and in all probability a church erected near the site of the present one. This settlement, with the exception of the church, was formed into an island by the formation of a broad and deep moat, joining the two rivers. Traces of this moat still exist in the deep cellars of the modern buildings which cover it, and the passage known as "Hanging Bridge" is in reality the Mediaeval bridge crossing the moat, and leading straight to the south door of the Cathedral. The arches of this bridge are still *in situ* though hidden between the cellars of the houses on either side, and still carry the footway which forms the chief means of approach to the Cathedral from the town. The old Church of St. Mary, mentioned in Domesday Book, stood about 200 yards south of the Cathedral and outside the moat, and not on the site of the present edifice, and there is no evidence to show when the present site was first built on. The view generally taken is that the present site was not built on till 1421, the date of the foundation of the college, but, as will be hereafter mentioned, the Cathedral contains evidences of a date considerably anterior to this.

The Cathedral occupies a commanding position on high ground, and is not seriously hemmed-in by surrounding buildings except at the east end, and stands in its own disused churchyard; but it suffers much from the general character of its surroundings, and from the smoke-laden atmosphere which is unfortunately such a marked characteristic of Manchester. It is now difficult to realize what the natural beauty of the site must have been, when smoke as we now know it was not, and the Irwell—not to mention its disgraceful tributary, the Irk—was still clean, and when the oak used in the building was still in the form of living trees growing in the immediate neighborhood. Now, the outside is entirely black, save for patches of new stonework here and there, and this in spite of the fact that the whole church has been recased externally within about the last thirty years. To the ordinary observer, the first impression of the church is one of disappointment. It possesses few or none of the attributes one is accustomed to associate with a cathedral, especially with the cathedral of an important city like Manchester, though it cannot be denied by even the most disappointed that it possesses a great beauty and dignity of its own. It never was built for a cathedral; and, considered as such, it must be admitted that it is disappointing, though it really is a very fine and complete specimen of a late Collegiate church.

The Cathedral consists of a nave and choir, with north and south aisles, a lofty western tower, a lady-chapel at the east end, and a small octagonal chapter-house opening out of the south aisle of the choir. Again, beyond the aisles proper exist outer aisles on both sides. These outer aisles were originally private chantries or chapels, and were divided from the aisles by wooden screens, which in the choir still remain; but in the nave the chapels have been gradually incorporated into the body of the church, with the result that we have a very unusual plan for an English church, though more common abroad, of a central nave with inner and outer aisles on both north and south sides. The effect of this multiplicity of aisles and apparent maze of columns is very striking on first entering the church, and moreover the effects of color and "atmosphere" produced are very fine, the interior being built of red sandstone, and nearly all the windows being now filled-in with stained-glass.

The Cathedral has suffered fearfully by so-called restorations and beautifications, chiefly at about the beginning of the present century, when many of the chapel screens were removed, enormous galleries were erected, and the old work was hacked away and covered with Roman cement, and worse still, was in places refaced and "improved." During the last ten years, however, all this has been altered, and the restorations effected since then have improved the building in many respects, and the extensions rendered necessary to accommodate the congregation, and to take the place of the removed galleries, have been carried out entirely in keeping with the ancient structure.

Almost nothing is known of the early history of the church, prior to the date of its collegiate. Domesday Book records that there were two churches in Manchester, St. Mary's and St. Michael's which were possessed of one carucate of land, free from all taxes, save danegeld. No mention is definitely made of any church in

Manchester between the date of Domesday Book and the date of the foundation of the College, and even the approximate date when a building was first erected on the present site is at present a matter of conjecture. The names of many of the early rectors are, however, known, and among them are several who were advanced to the very highest positions. Chief among them, perhaps, was Walter de Langton, who in 1292 was appointed Rector of Manchester, and in the same year Keeper of the Great Seal by Edward I. Four years later he became Bishop of Lichfield, where he built the lady-chapel, and left funds for its completion. He retained the rectory of Manchester for three years after his appointment as Bishop, and, quite possibly, being a great builder, he may have indulged his tastes at Manchester. William de Marcia was another celebrated Rector of Manchester. He was Treasurer of England, also in the reign of Edward I, and was subsequently Bishop of Bath and Wells. We also learn that in 1342 there were four chaplains in Manchester. Also at about this time several valuations of the Rectory were made, which average at about 200 marks per annum. It is quite reasonable to argue from these facts that an important church must have existed in Manchester prior to 1421, the date of its collegiate, and, as far as it is possible to read it, some parts of the architecture of the church seem to favor this view, and to show in addition that it existed on the same site. For instance, the arch and its responds opening into the lady-chapel are almost certainly of Decorated date; while the lady-chapel itself, said to have been founded (rebuilt?) by Warden West in 1518, contains windows which, though the work of the eighteenth century, seem rather to have been copied from Decorated than from Perpendicular work, as they contain circles in the tracery, and a bastard imitation of the ball-flower in the mouldings. Also, when the old tower was pulled down in 1864, it is recorded that the lower portion was undoubtedly of Decorated character, and during the various restorations of this century, many fragments of Decorated and even earlier stonework have been discovered. The existence of Decorated work at each extreme end of the building is strong presumptive evidence that a church of equal dimensions existed before the present one was built. The popular tradition is that the original church was of wood, like several still remaining in the district, and very likely parts of it were so constructed; but having regard to the fact that Manchester was then a place of considerable importance—one of the few in Lancashire indeed in those days—it seems reasonable to suppose that there was a large Decorated church on the same site before the present one was built, and that some traces of it still exist. As, however, these traces are but problematical, it has been thought best to shade the plan in two ways only, for Perpendicular, including restorations, and modern additions.

Mr. Crowther, the architect to the Dean and Chapter, who has carried out all the recent restorations, had been for some time engaged upon an exhaustive monograph of the Cathedral, which will be of exceptional interest, and will probably settle most, if not all, of the many vexed questions as to dates, as of course during the carrying out of the work he had exceptional opportunities of arriving at the true facts of the case, and many important discoveries are understood to have been made.

In the year 1421 license was granted by Henry V to Thomas, Lord de la Warre, rector and lord of the manor of Manchester, to collegiate the parish church. The words of the charter are "*Ecclesiam de Manestre in ecclesiam Collegiatam erigere*"—which seem to point rather to the fact of the existence of an earlier church of sufficient size and importance to be made into a Collegiate Church, than to any expressed intention of building a new one. "*Erigere*" is seldom used as meaning to build. As a matter of fact the church was, with the exception of the minor fragments above mentioned, entirely rebuilt within the first hundred years following its collegiate, and it is only from this date, 1421, that anything really certain has been recorded about the fabric—and even now many contradictions and irreconcilable statements exist. On the formation of the College the Church was dedicated to St. Mary, St. George and St. Denys, and the collegiate body originally consisted of a warden, eight fellows, four clerks and six choristers. The College was dissolved by Edward VI, and its land passed into the possession of the Stanleys, but was re-established by Mary, and its lands—with the exception of the domestic buildings—were restored to the College. The buildings remained in the possession of the Earls of Derby until after the Restoration, when they were conveyed to the feoffees of the Chetham Hospital, and have ever since been used as a school and library. They remain in much their original condition, and are one of the most interesting "sights" of Manchester. The re-establishment of the College was confirmed by Elizabeth, who altered the foundation to a warden and four fellows, again by Charles I, and again at the Restoration by Charles II.

The first warden, Sir John Huntington (1422-1458), began the work of rebuilding on his appointment, which was sedulously continued by his successors for something like one hundred years. Huntington is generally credited with having first built the choir and chapter-house. Langley is supposed to have built the nave, and Stanley is said to have rebuilt Huntington's choir, to have built the double entrance to the chapter-house and, in conjunction with Richard Beck, a Manchester merchant, and a member of the London Grocers' and Mercers' Companies, to have erected the splendid stall-work of the choir. Moreover, Stanley, at his death, when

Bishop of Ely, left permission for the erection of the Derby and Ely chapels, marked on the plan as St. John the Baptist's Chapel. To follow out carefully all the tradition as to which warden built what would be far beyond the scope of the present paper; it must suffice to have mentioned them, and to refer to some of the features of the building.

The nave and choir are of six bays each, very similarly treated as to detail, and divided by a lofty chancel-arch rising nearly to the roof, and springing from responds coupled to octagonal turrets containing the stairs leading to the rood-loft and roof. The stonework of the choir is original, having been skimmed only with cement—now removed—and so, fortunately, preserved. The nave has been entirely rebuilt, but has been exactly and carefully done, and is a faithful reproduction of the original work. The roofs of both the nave and choir are original; that of the nave was repaired when the stonework was rebuilt, but, with the exception of a few new timbers, is practically the old roof. The intersections of the timbers are covered by a series of most beautiful bosses, carved-out of the solid, and at the feet of the springers of the principals are a singularly perfect series of angel-figures playing on musical instruments—stringed instruments on one side and wind on the other. These figures are carved with great power and spirit, and are in good condition, in spite of the fact that several of them contain bullets fired into them, presumably by the Commonwealth soldiery. The choir roof is more elaborate, the panels between the timbers being filled with delicate tracery. The bosses of this roof are built-up, not carved-out of the solid. Each leaf is carved separately and nailed in its position. The effect is very good. This roof was repaired recently by placing strong new principals over the old, and bolting the two together, and by removing the various coats of paint with which it was covered. None of the other roofs are ancient, though in places the old timbers remain covered by deal casings.

The arcade dividing the inner and outer aisles on the north side of the nave dates from about 1500, the Holy Trinity Chapel having been founded in 1498, and St. James Chapel in 1507. The arcade corresponding to this on the south side is entirely modern, the chapels on this side having been originally divided from each other by walls, and from the south side by arches not in the form of an arcade. These were removed, together with the oak screens, in 1815, and an arcade was then built, which has been replaced by the present one. Both porches are modern, but a small ancient one once existed on the south side, as shown on the plan.

On entering the choir, the first thing that meets the eye is the magnificent tabernacle-work of the stalls. These were erected about 1505 to 1510, and will compare favorably with any work of the same sort in England. A curious point in connection with these stalls is that they were, without doubt, designed and executed by the same hand that produced those in Beverley Minster, and very probably those at Ripon, while a strong family-likeness, so to speak, can be traced to other similar work in the north of England. At Beverley the design is singularly striking, the whole design being nearly identical, with the exception that the very unusual feature of the level cornice above the canopies is omitted at Beverley, and the canopies finish in spirelets in the more customary manner. The misericordes at Manchester are very fine, and the stalls-elbows, bench-ends and finials, and, indeed, all the details, are well worthy of the minutest study. The rood-loft is situated above the return stalls and the rood-screen, and carries part of the huge modern organ (the remainder being stowed behind the stalls in the north and south aisles). The organ-case was designed by the late Sir G. G. Scott, and is of good outline, but too "fussy" in detail. The ancient rood-screen is a magnificent specimen, with three large openings with folding-doors. There are two other remarkably fine oak screens in the choir, that between the south choir-aisle and the Jesus Chapel, and that to the lady-chapel. Both are excellent pieces of work, but the lady-chapel screen is of more original and unusual design. On either side of the opening to the lady-chapel—which has been before alluded to—occurs the rebus of the first Warden Huntington, on one side a hunting-scene for *Hunting*, and on the other a tun, or cask, for *ton*. This same rebus occurs in the choir-roof. On the north side of the choir is the Derby Chapel, entirely surrounded by oak screen-work of good design, but of much inferior workmanship to the stalls and the rest of the screens.

The outside of the Cathedral is of considerably less interest than the interior. The western tower was rebuilt and its design "improved" (rather questionably) in 1864. It is more or less a reproduction of the old one, and is undoubtedly fine, though it is to be regretted that it is not what the old one was. It is the chief feature of the exterior, and from many points is very commanding, particularly from the other side of the river, where the height of the site is more apparent. The parapet of the clerestory, too, has, unfortunately, been "improved." It is now battlemented, but was originally in one straight line from end to end of the church, giving a much greater appearance of length—an effect much wanted from most points-of-view, and, on the evidence of old drawings, a great improvement on the present arrangement.

The steep, conical roof of the chapter-house, too, another important external feature, is entirely modern, and, though it is uncertain whether such a roof originally existed, it cannot be denied that it adds greatly to the effect of the view from the south.—*F. P. Oakley in the Builder.*



[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.]

OFFICE-HELP.

BROOKLYN, N. Y., JUNE 19, 1893.

TO THE EDITORS OF THE AMERICAN ARCHITECT:—

Dear Sirs,—Will you kindly let me know through the columns of your valuable paper if "Office-help for Architects" which is now being published in the *American Architect*, will be published in book form and if so, how soon. Also will you kindly let me know if I can obtain the regular edition of 1892 unbound and the price of same. I would like to have it if it can be obtained.

I remain

INQUIRER.

["Office-helps" will be republished in book form when the series is completed. The *American Architect* for 1892 can still be furnished by the publishers. — EDS. AMERICAN ARCHITECT.]



AN ENORMOUS GIRDER.—The largest girder ever shipped in one piece is now being put in place in the new Broad-Street Station. It is fifty-eight feet one inch long, ten feet six inches in height, and rests on a plate two feet six inches broad. The Philadelphia Bridge Company, its makers, claim that this giant, weighing 110,780 pounds, is the heaviest and largest steel girder ever turned out complete by an iron-works in the United States. The girder is placed across Fifteenth Street on the south side of the great station, and is designed to support the weight of the seven stories of brick of the office-building on the Market-Street front. The girder was rolled into Broad Street on two flat cars of 100,000 pounds capacity each last Thursday. Its journey from Pottstown, where the works of the company are situated, was uneventful, although the train attracted much attention along the line. Immediately on its arrival it was run onto the temporary track alongside its destined position, and on Friday the work of putting it into place began. Since then the men have been moving it into position by hydraulic jacks, but only yesterday was it raised on its own base above the exact position it is to occupy. Unless some accident happens it is expected to be in place by Saturday. The girder was so large that it could not be constructed within the works at Pottstown, and the entire work of erection was carried on in a field alongside the iron shops. It took about two weeks to put it together after the steel plates of which it is built were made. It has three webs running through its entire length. When in place over Fifteenth Street, it will have a clear span of fifty-six feet, and will be thirty-seven feet above the sidewalk. — *Philadelphia Record*, May 25.

PIN-HOLES IN TIN-PLATES.—A writer in the *Metal Worker* states that, curiously enough, the cause of what are known as "pin-holes" in tinned and terne plates has never been satisfactorily determined, though one of the many sources of the difficulty named has been the use of steel in the place of wrought-iron. The interesting question has been treated from various points of view, some urging that foreign matter in the steel interferes with the pickling and prevents the perfect coating of the plates, so that in places there is only a thin skin of tin, and when this is abraded, corrosion rapidly ensues; others, again, are of the opinion that the pickling acid remains in the particles of carbonaceous scale, and keeps up with the work of corrosion after the plate was coated. One of the most plausible suggestions has been that the difficulty is to be found in the texture of the steel itself—that it is too fine-grained a material in comparison with iron, and with a surface so hard and smooth as to afford no opportunity for that superficial alloying which is supposed by some to constitute the bond between the black plate and the coating, or, in other words, the fibrous nature of iron, and the somewhat roughened surface, admits the tin to soak in and makes a firm fastening with the base. This explanation of the pin-hole difficulty in tin-plates is considered by many the most reasonable yet offered. — *New York Sun*.

A NEW GERMAN METHOD OF LINING WELLS.—A new method of lining and curbing shafts and wells is now being tried in Germany, says *Engineering*. In this, blocks of moulded concrete are employed, which form segments of a circle or an oval, varying in size according to the dimensions of the shaft or well, and weighing from 8 cwt. to 12 cwt. each. These blocks have at each side a round fluting, with a channel at the top, and a corresponding but smaller semi-cylindrical roll or beading at the bottom; they have also two drill-holes, one running vertically and centrally, and the other horizontally from back to front at the base. The vertical drill-hole enables a rod with a hook or ring to pass down and be intersected by a bolt running through the horizontal drill-hole, thus holding the rod and supplying the means of hoisting or lowering the blocks into their places. When a complete round of segments is formed (the blocks break joint like ordinary brickwork), the vertical flutings are rammed with a cementing material, and the space between the round and the natural wall of the shaft is packed with concrete. Before laying the next round of blocks, a thin layer of cement is placed in the channel on the top of the blocks beneath, into which the projection

of the upper blocks fits, the joints thus becoming perfectly tight, and forming a solid lining through which water cannot penetrate. This system, it is said, has already proved a success in several colliery shafts in the Saarbrocken district, belonging to the Prussian government, which have been provided with linings in the manner described, with satisfactory results. — *Engineering News*.

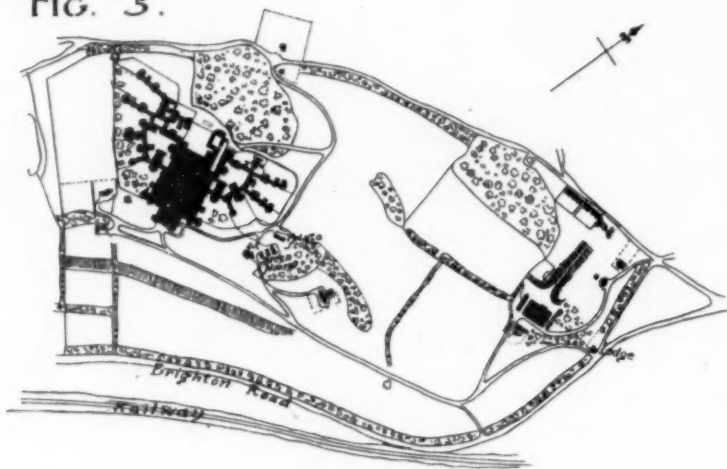
AN ENGLISHMAN ON THE CHICAGO FAIR BUILDINGS.—Had such an Exhibition been created on the banks of the Seine, instead of on the shores of Lake Michigan, the whole world would have cried out that such a triumph could have only been achieved by France. America has shown conclusively that in beauty of architectural detail, as well as in the boldness of engineering design, she can fearlessly challenge the whole world. It is, however, only fair to bear in mind that the artistic and constructive skill of England, France, and Germany has been enlisted in the work, for an almost unlimited command of skilled artists and workmen from Europe is one of the few advantages which America may set against the too numerous drawbacks of her generous emigration system. As for the almost magical rapidity with which these creations of beauty have sprung out of a dreary marsh, we say nothing; rapidity of execution and energy in overcoming difficulties are qualities generally recognized to be essentially American. — *Engineering*.

PHOTOGRAPHY ON MARBLE.—Mr. Villion publishes the following process: Coat an unpolished plate of marble with the following solution: Benzine, 500 parts; spirits of turpentine, 500 parts; asphaltum, 50 parts; pure wax, 5 parts. When dry, expose under a negative, in sunshine, for about twenty minutes. Develop with spirits of turpentine or benzine and wash in plenty of water. Now cover the plate where it is intended to be left white with an alcoholic solution of shellac and immerse the same in any dye which is soluble in water. After awhile, when enough of the coloring matter has entered the pores of the stone, it is taken out and polished. The effect is said to be very good. — *Photographisches Archiv*.



The mistake which the money-lending interests are making is to take it for granted that, by preserving the value of the dollar at one hundred cents, and making every necessary sacrifice thereto, that an equilibrium will be restored in the business world, failures decrease, confidence reassert itself, and general prosperity ensue. Another error is that, unless our dollars are acceptable to foreign investors, American securities will not be in demand, and great harm will follow. The claim which is made, on the other hand, is that it is better to have more currency, even if it is not as good as gold, in order that the production and distribution of wealth may not be obstructed. The extent to which the production of wealth is interfered with is an open question. Apparently, only a trifling restriction has been suffered or effected during the past two months of stringent conditions. That this whole question will soon become a political issue is recognized by careful observers in and out of the realm of politics. Ten millions a week are being drawn westward. Borrowers are everywhere clamorous, lenders cautious. Margins are narrowing down, but production continues unabated, except in localities and for specific reasons. Manufacturers are driving ahead, distributors are busy, and stocks are of moderate proportions. The very latest advices show growing rather than weakening confidence in everything except banks. This confidence simply means that there is a demand for the products of forge, loom and factory; that there is wealth to pay for all, but a scarcity of chips or tokens. In fact, it is known in manufacturing circles that, but for this stringency, a general expansion of production would take place. All the conditions were and are ready for it, and, despite the discouragements, a considerable expansion is taking place now. Note, for instance, the increase in cotton-mills, in machinery-making establishments, in general business operations. It is a remarkable fact that, except in isolated cases, the tendency of prices and cost of production is downward. One troublesome factor in all these commotions is that capacity is ahead of demand, but we may as well recognize this as an ever-present evil, if such it is. The great strain will come in autumn, when the general expansion of trade sets in. Wise men will trim their sails now. There are more dangers to meet than are visible on the surface. Failures are one-half greater than usual, and the ratio will probably increase. As to railroads, net earnings on 131 roads decreased five per cent since the opening of the year. Wheat-crop conditions are as 75 to 88 last year, and 99.6 in 1891. Carried-over stocks are large, and prices in foreign markets are low. Wheat-average is as 34 1-2 to 38 1-2 last year and 40 in 1891. While all the world is fighting for profits, things are quietly working to render undue profits impossible. This condition is not a source of weakness, as is so often reiterated in and out of print. It marks the opening up of wider fields of action, wider markets and greater activity in all directions. The industrial situation is unchanged. Shop and factory labor is fully employed East, West and South. In a number of industries the vacation period will be extended. This year repairing operations will be more general, and keep mills idle longer than usual. The iron-workers at Pittsburgh suggest a few weeks' shut-down in rolling-mills, a good but unacceptable piece of advice. The iron trade itself is active, and as much material is going into consumption as last year. The demand for dental, surgical, electrical, mathematical and other light tools and instruments is very great, and that industry has made very rapid strides of late. The development of light machines is also rapid, and engineers familiar with progress in this line think that during the next few years a surprising advance will be made in adapting light machines and machinery for a great variety of purposes of house, hotel, shop, office, farm, etc. The intense mechanical, engineering and commercial activity, on one hand, and the weak financial condition on the other, clearly show the strong opposing forces at work within us. There are calls for tools, equipments, machinery, everywhere, and it is only from the glass cages of bankers that warning comes. The energy of the country calls for an explanation of this warning, and gets none. It is probable the mid-summer season will pass without strikes. The effect of the labor agitations of several years ago is now being felt. Less than the usual percentage of workmen are at present idle.

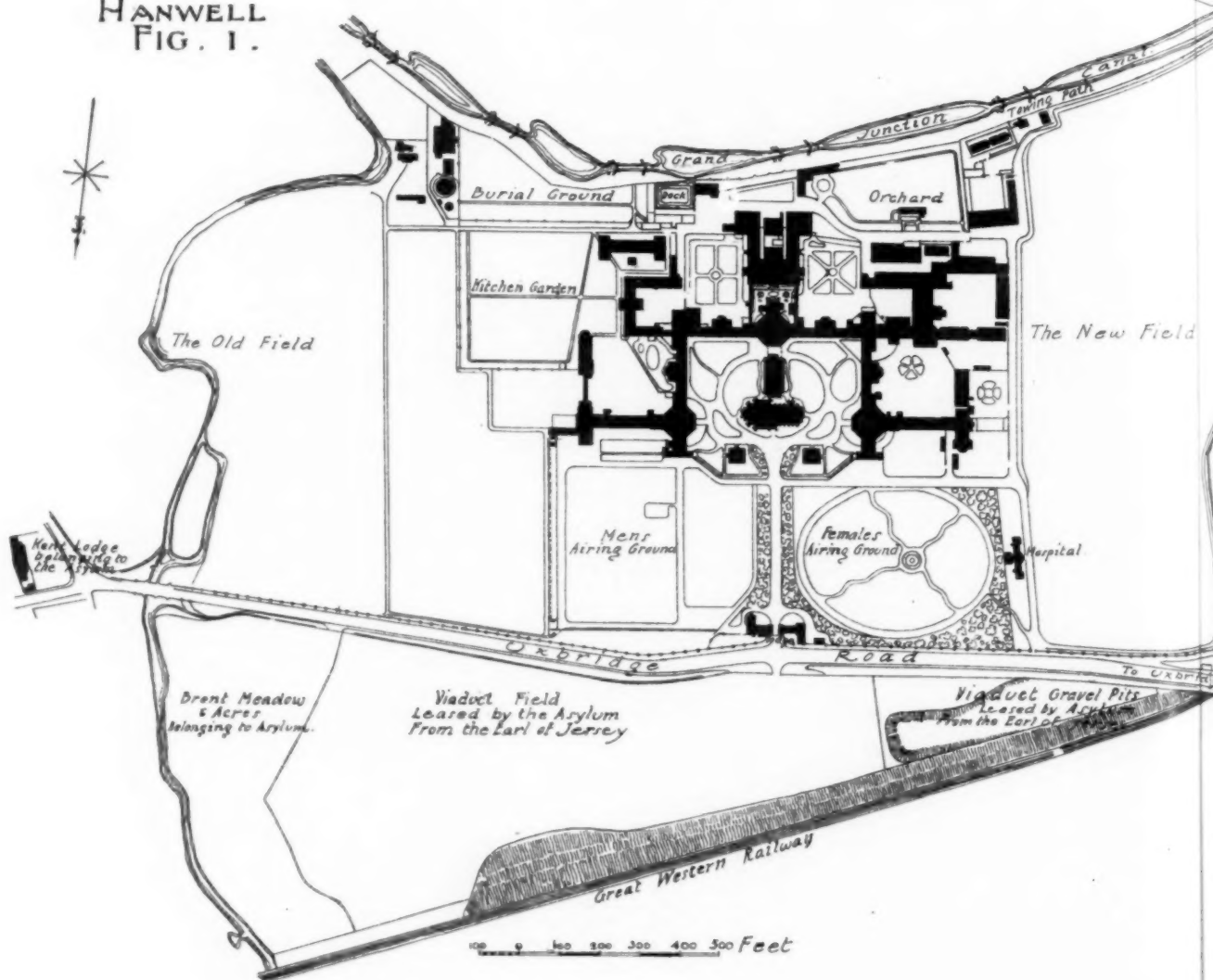
CANE HILL
FIG. 5.



0 500 1000 Feet.

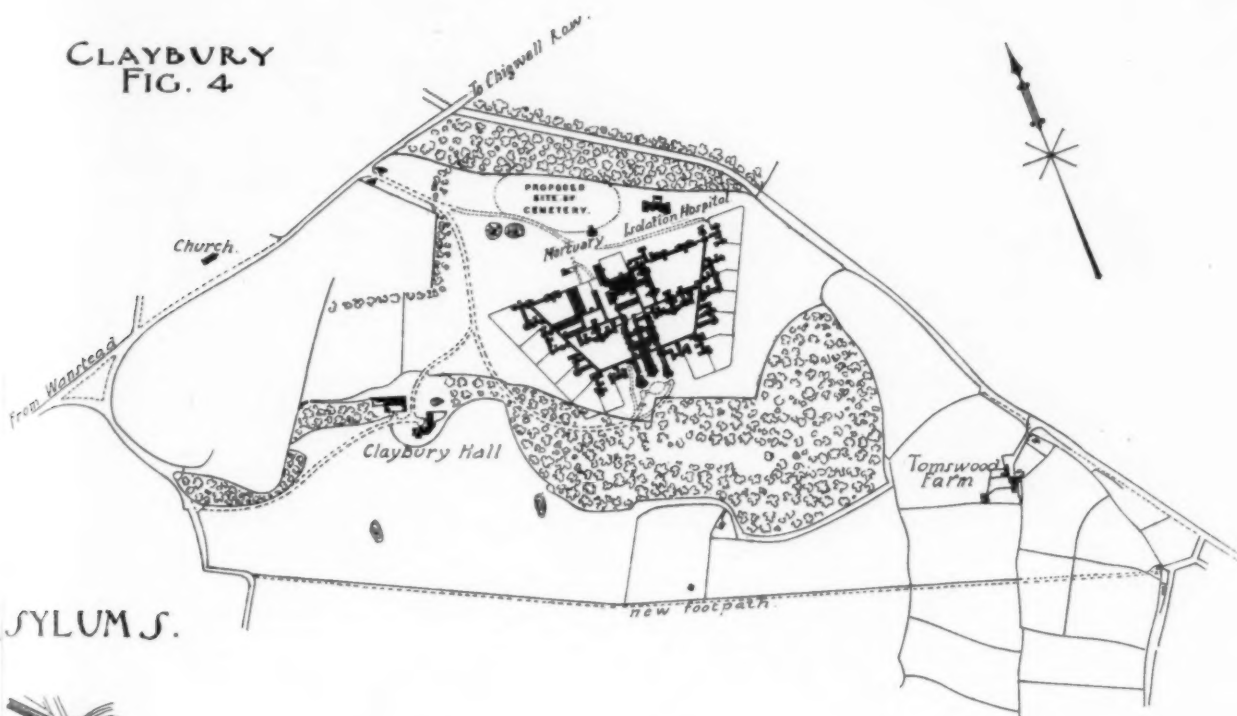
LONDON COUNTY LUNATIC ASYLUM

HANWELL
FIG. 1.



100 200 300 400 500 Feet

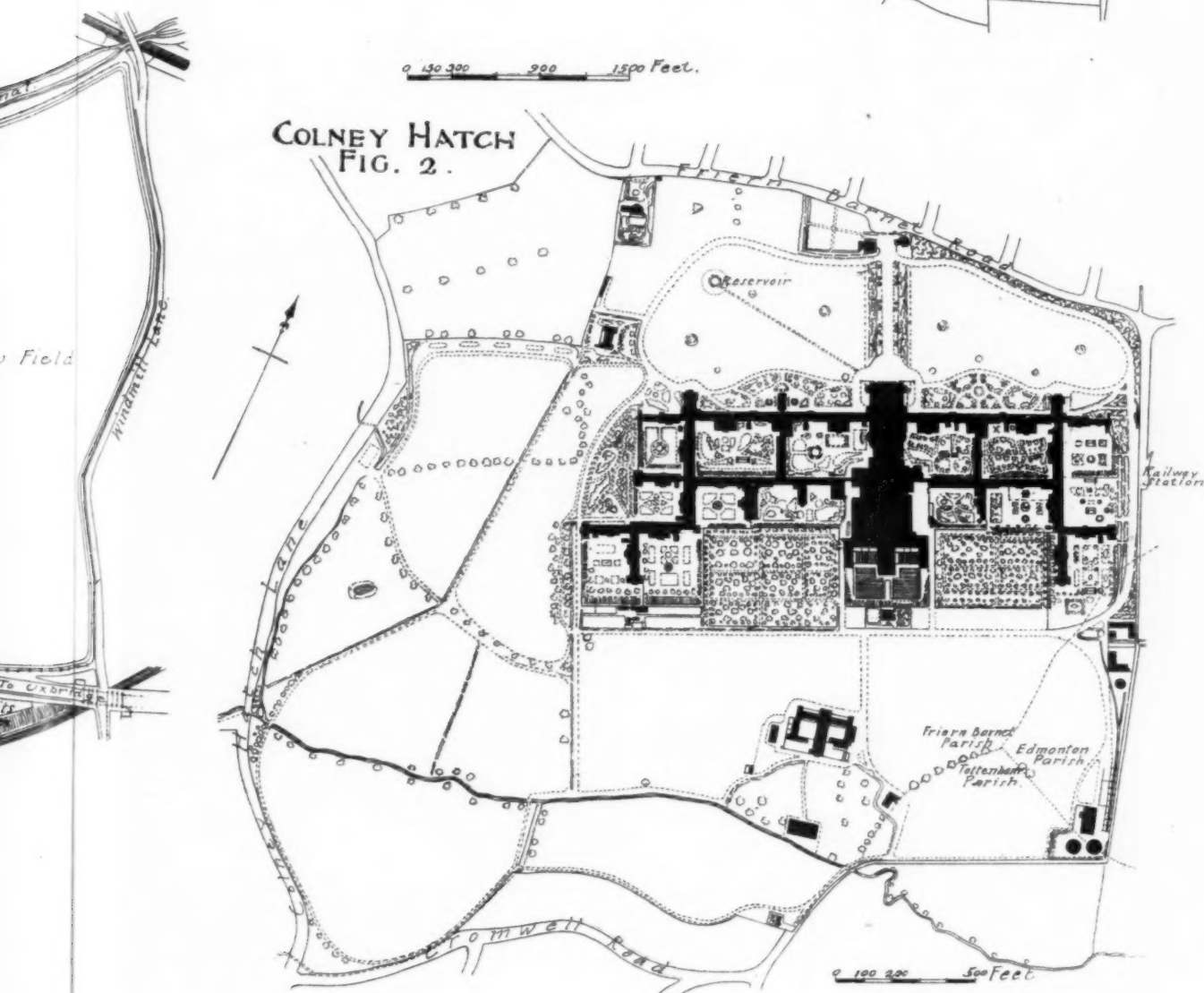
CLAYBURY
FIG. 4



C ASYLUMS.

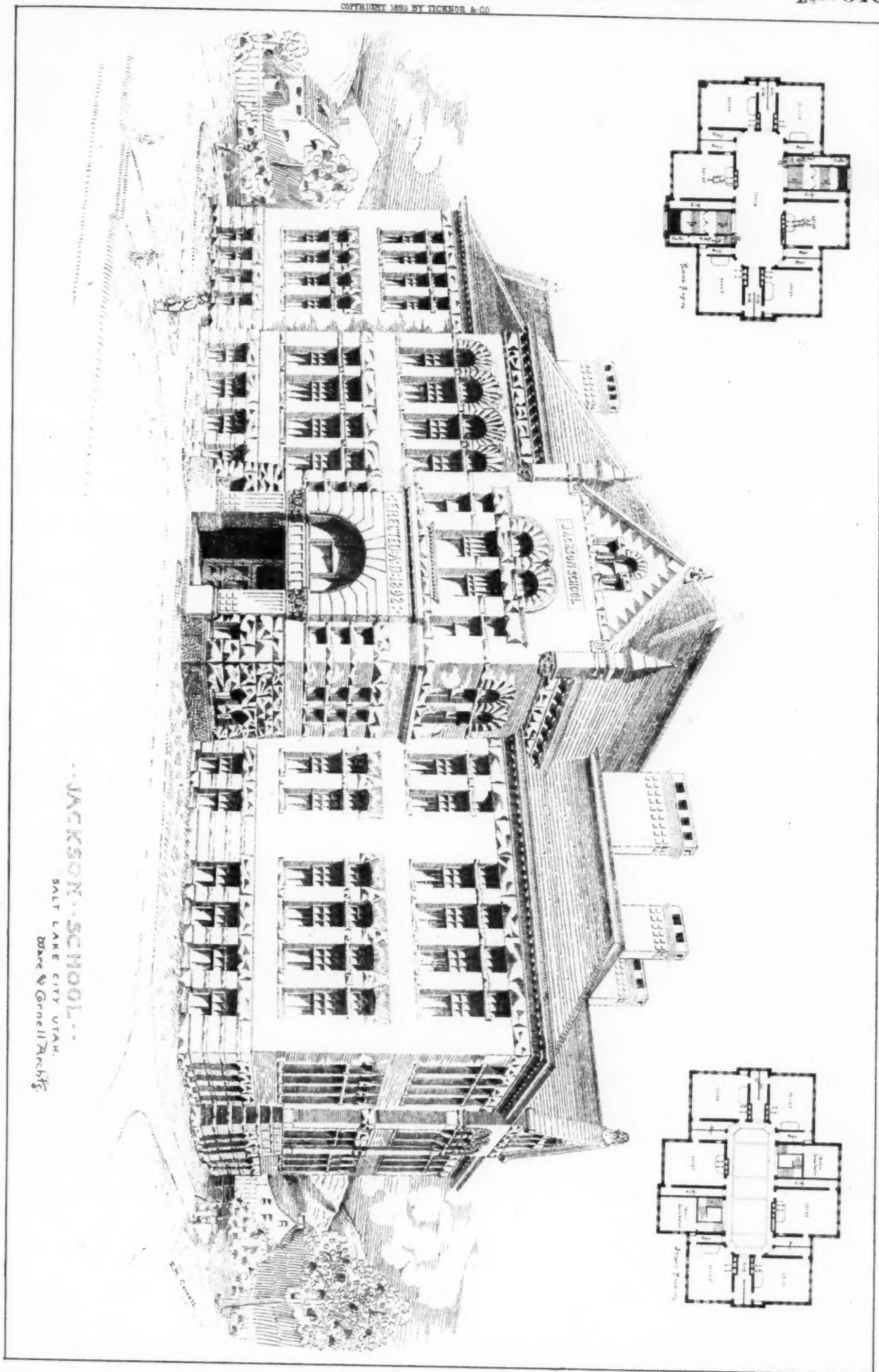
0 150 300 200 1500 Feet.

COLNEY HATCH
FIG. 2.





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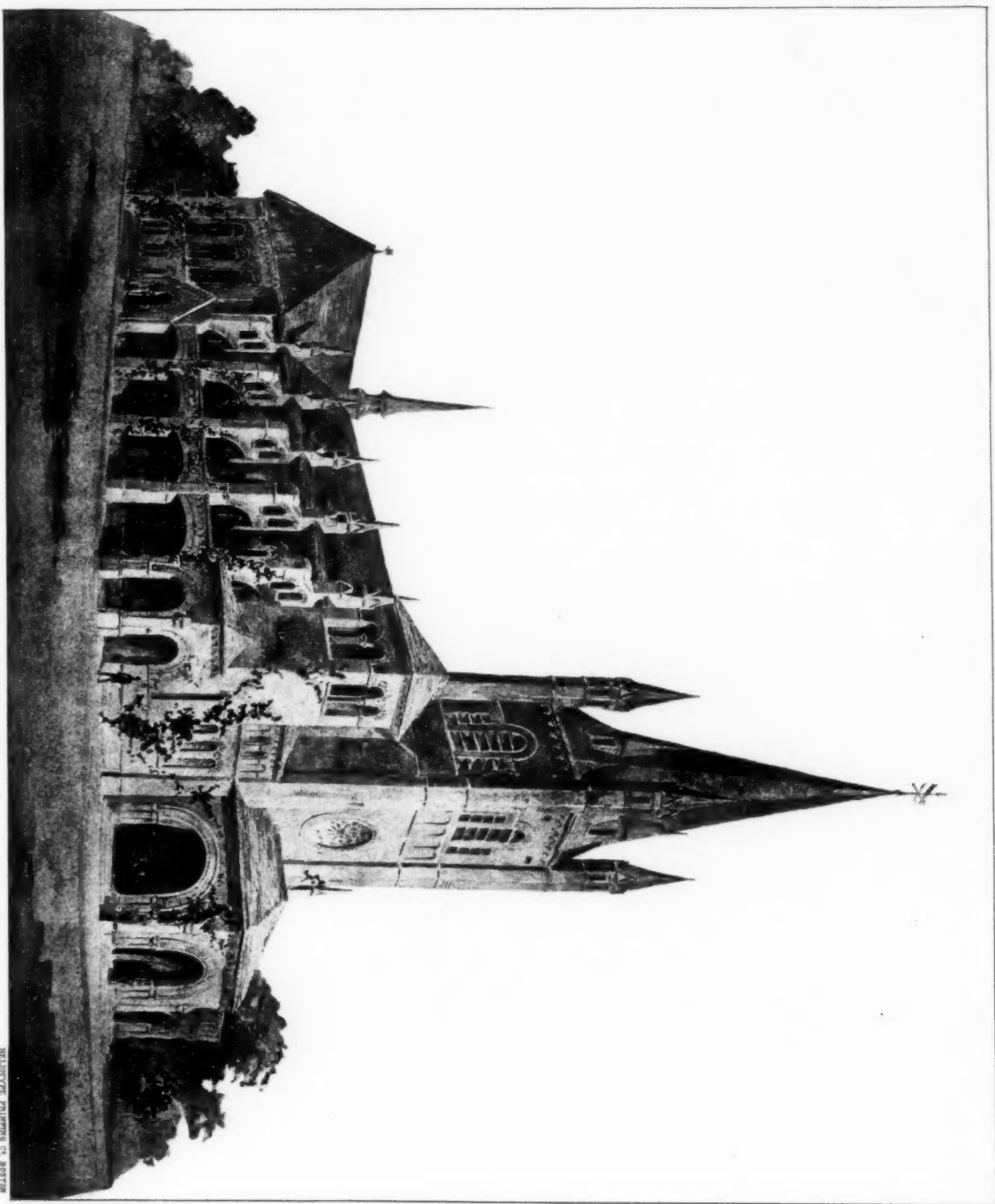


HELIOTYPE PRINTING CO. BOSTON



BAPTIST CHURCH, BUFFALO, N. Y. GEORGE CARY, ARCH'T.

REPRODUCED FROM THE ARCHITECT



ALTERATIONS TO FIRST PRESBYTERIAN CHURCH, WATERTOWN N.Y.
BLINOWOOD & PARISH ARCHTS.

THE AMERICAN ARCHITECT AND BUILDING NEWS

ADVERTISERS' TRADE SUPPLEMENT.

No. 130.

SATURDAY, APRIL 1, 1893.

VOLUME XL.
No. 501.

MAGNESIA COVERING.

We publish in this issue an illustration showing the ruins of the A. W. Eaton Paper Co.'s Mill, at Lee, Mass. The Paper Company, in writing to the selling agents for the Magnesia Covering, S. C. Nightingale & Childs, 134 Pearl Street, Boston, February 3, 1893, say, "We have been so unfortunate as to have our mill burned to the ground last week. We are in hopes to rebuild, and in that case may be able to give you another order. Your covering went through the fire without being burned, and is a good advertisement for your goods as a fire-test. The mill would make an excellent photograph, showing the covering almost perfect after everything else had been destroyed." Acting on that suggestion, this photograph was obtained.

The subject of fire-proof materials — of materials that will resist the action of fire — is one of continual interest to all owners of buildings. This is not the only case where the Magnesia Covering has protected the pipes from the effect of very great heat. The pipe shown in this photograph as covered with the Magnesia is unharmed and can be re-used. This was the case after the great Lynn fire of a few years ago. Probably the Magnesia Covering itself can be reapplied to the same pipe after the changes have been made.

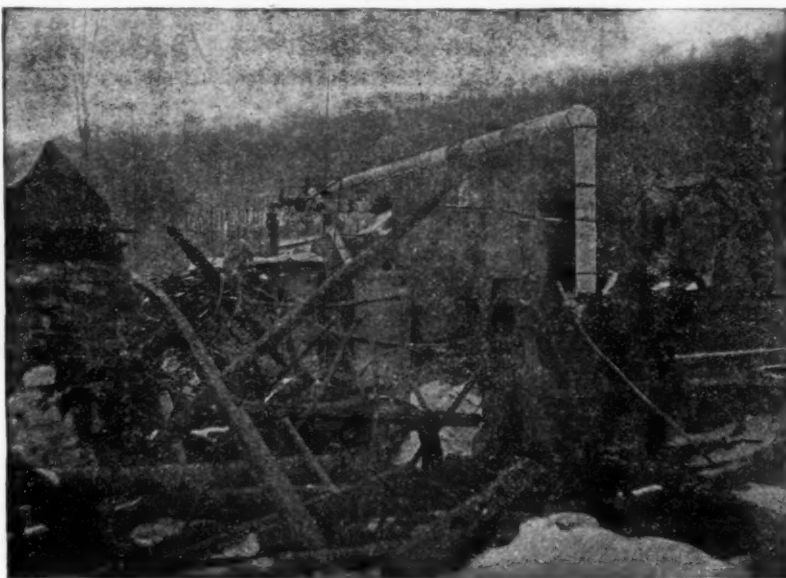
It is a peculiar feature of the Magnesia Covering, that it seems to be wellnigh indestructible, — not only indestructible in itself, but indestructible as a covering; and whatever changes are made in a steam-plant, or through whatever vicissitudes that plant may pass, the Magnesia Covering still preserves its value as a covering, and that value, as determined by the exhaustive tests of the Boston Manufacturers Mutual Fire Insurance Co., is greater than that of any other indestructible substance.

The use of this material both as an insulator of heated surfaces for the prevention of loss of heat by radiation, and also as a fireproofing material, has grown from the time of its in-

troduction, in 1886, to very large proportions, and in every case expectations based upon it have been fully borne out by the results.

When the steamship "Henry M. Whitney" went to the bottom of the harbor last year her boilers, etc., were covered with Magnesia Covering. After she was raised and the boilers taken out the covering was stripped off and saved, and after the repairs in her machinery had been completed all the covering which had been taken off was reapplied.

The Magnesia Covering has been in use at the power-stations of the West End Street Railway Co. since their beginning, and the covering which was formerly applied to the temporary plant was taken off and reapplied



A. W. Eaton Paper Co.'s Mill, Lee, Mass.

to the permanent plant.

This covering is being placed in almost all of the new first-class buildings, — the new Public Library Building, Boston, the Institute of Technology, the buildings of Harvard College, the new Walker Building, and others. In State public buildings, particularly buildings like Insane Asylums, Houses of Correction, and the like, is the Magnesia Covering peculiarly desirable, because it is not only effective as a non-conductor of heat, but it is without odor, and affords no refuge or harboring place for vermin.

For fireproofing iron columns it is peculiarly valuable, because it can be thoroughly and securely applied, and so perfectly resists the action of heat and of fire.

MAGNESIA SECTIONAL COVERING CO.,
AMBLER, PA.

RANGE BOILERS.

DEMERITS OF THE CHEAP GALVANIZED-IRON BOILERS.

1. They are made up of the cheapest and commonest black sheet-iron, and galvanized after they are made.

2. The iron boiler is prepared for this treatment by being first dipped into a strong solution of sulphuric acid; the object being to cleanse the surface of the iron from all scales, etc.

3. This acid-solution penetrates the circumferential and longitudinal seams, and is never entirely neutralized in the subsequent operations.

4. The boiler is then plunged into a bath of melted zinc, which coats the surface inside and out, but does not penetrate between the seams, or under the rivet-heads.

5. The sulphuric acid (ever an active enemy of iron) is, therefore, always present between the seams, and rapidly eating away the strength of the boiler. This may be fully demonstrated by cutting an old iron house-boiler apart at the seam; the surfaces of the iron will be found eaten away by rust.

6. In the commonest grade of galvanized-iron house-boilers a very thin iron (about No. 16 Stubs gauge) is

generally used. They are made water-tight by a film of zinc melted along the edges of the seams. The alternate contraction and expansion caused by the heating and cooling of the water soon destroys these films of zinc, rendering the boiler at once useless, dangerous and a nuisance.

7. If the interior of a galvanized-iron boiler be examined (which can be done by inserting a lighted candle in the spud-hole at the side, and looking through the holes at the end), it will be found to be covered with patches of zinc-dross — oxide of zinc, muriate of ammonia and other salts used in the preparation of the iron for the galvanizing bath. As no access to the inside of boiler is available for cleaning it, these filthy and deleterious abominations must remain until dissolved and

carried off by every-day use. As these substances are not readily soluble in water, the contents of the boiler are contaminated for quite a lengthy period after being first put into service.

MERITS OF THE BROWN'S PATENT SEAMLESS COPPER HOUSE-BOILERS.

1. The two shells forming the head and sides of the boiler are in one piece, and without seam; they are drawn from circles of copper, originally flat and about one-eighth to three-sixteenths of an inch thick.

2. The sides, or walls, are elongated by reducing the thickness, while the head remains the same weight as the original circle, leaving the greatest strength where most needed.

3. The shells being cold drawn, the ultimate tensile strength of the copper is largely increased; experiment showing it to average



from 62,000 to 66,000 pounds per square inch.

4. The walls of the shell are drawn down to a thickness suitable for the pressure service for which they are intended.

5. The only joint is in the centre. The two shells are telescoped, and further secured by a band of heavy copper shrunk on the outside; the whole is then thoroughly sweated together with solder and forms a perfect and secure seam, much stronger than the ultimate strength of the boiler.

6. Security from collapse under any condition is insured by the use of a strong spiral support running the entire length of the interior.

7. The inside is thoroughly and heavily tinned in the best possible manner.

8. There is no danger of leaks at seams or heads of rivets.

9. Each boiler is subjected to thorough in-

spection and test before shipment, regular pressure being tested to 200, and extra-heavy pressure to 300, pounds per square inch.

10. These boilers are never ruptured, except through careless neglect, or by the action of frost; such damage is generally readily repaired by the substitution of a new half.

THE BROWN COMPARED WITH THE ORDINARY COPPER BOILER.

The Brown Boiler is practically seamless; the only joint being in the centre, and so reinforced by bands and supports as to be its strongest part.

The Brazed Boiler is made from a sheet of rolled copper formed into a cylinder by brazing; this brazed seam is the weakest part of the boiler.

The heads and sides of the Brown Boiler are practically in one piece, and therefore not weakened by seaming or liable to leak.

The heads of the ordinary boilers are riveted or soldered to the body; they are always liable to leakage, and will not stand much pressure.

The Brown Patent Boiler cannot collapse, the interior spiral reinforce absolutely preventing such an accident.

The ordinary boiler, having no interior reinforce, is particularly liable to collapse.

The copper in the body of the Brown Patent Boiler being hard drawn, has a tensile strength of from 62,000 to 66,000 pounds per square inch.

The ordinary boiler is made of rolled sheet-copper, with a tensile strength of from 30,000 to 32,000 pounds only per square inch.

The Brown Patent Boiler is not loaded down with lead solder, its entire weight being made up of the copper shell and brass connections, and the heads are of heavy copper.

The ordinary boiler is generally weighted down with lead solder to such an extent that it is impossible to form an idea of the thickness of the copper used.

It has recently come to our knowledge that there appears to exist among the plumbing trade a misunderstanding of the intent of our advertisements and circulars in stating that our boilers of ordinary weight are tested to 200 pounds, and the extra heavy to 300 pounds pressure per square inch. It appears to have been assumed in many sections that there exists a sort of a guaranty that they would sustain this working-pressure, and for the purpose of setting ourselves right in the estimation of the trade, we desire to make very clear the following facts:

It is quite true that every boiler we send out is tested as represented. The test is applied sufficiently long to enable us to determine whether there is a leak or any weak place in the metal. As compared with their ultimate strength, the test-pressure represents a factor of about two, which is a safety manifestly insufficient for prudence. We would suggest therefore that, if the working-pressure should approach the test-pressure too closely, it would be advisable to use an "extra heavy pressure" boiler. For absolute safety the factor four would satisfy all conservative requirements.

We have been informed by several plumbers that they have relied entirely upon their interpretation of our advertisement and circulars, and used our boilers for working-pressures varying from 170 to 200 pounds. While we know of many having been in successful operation under pressures varying from 170 to 200 pounds for years, some few have given out.

That they have done so is possibly due to

the position in which they were placed and the probable near proximity of the discharge-cock to the boiler itself, which would develop a greater or less water-hammer on the sudden shutting-off of the flow of water when drawing.

The static pressure of our local water-works is ninety-five pounds. For the purpose of observation, we have set up one of our boilers with a pressure-gauge attached to one of the top spuds, the inlet-pipe being on a direct line from the street-main and the boiler forming a sort of dead end. Between the main and the boiler we have a draw-off cock, distant about ten feet from the boiler itself. It is an ordinary bib. When the water has been allowed to run sufficiently long to acquire full velocity a sudden shutting-off develops a hammer of about thirty-five to fifty per cent, or sometimes more, in excess of the regular static pressure. Under these circumstances, it is



manifest that even where the public service is light, it is possible to place a boiler in such a position as to develop a ram of very large proportions, in fact to increase it almost indefinitely.

We trust that this circular will be the means of calling the attention of plumbers to the existence of the danger referred to and enable them to obviate it to a great extent.

In regard to guaranty, we wish distinctly to state that we warrant our boilers will not collapse, but we do not warrant that they will not burst; practical men will understand that our inability to control the conditions under which they are used and the liability to misuse, always present, prevents our being able to do so.

Nearly all the boilers which have been returned to us burst (excepting those which are

ruptured by the action of frost) show unmistakable proof of having been subjected to an unusual amount of pressure; this is evidenced by the condition of the dome-heads.

When they leave our works they show a rise of not more than three and one-half to four inches (according to diameter), and the top of the centre spud is very nearly in a line with that of the spud on either side of it, not more than about, say, one-fourth-inch difference. In boilers returned to us burst we almost invariably find the top and bottom pressed out into very nearly the shape of a half-sphere, and the difference between the line measurement of the two spuds to be from three-fourths to one and one-half inches.

As the boilers have already been subjected to a pressure of 200 and 300 pounds respectively, for at least ten or fifteen minutes each, it is quite evident that the strain under which they have burst must have been much heavier than the above to have made the alteration in the shape of the top and bottom to which we refer. This alteration in shape shows conclusive evidence of misuse, which cannot be controverted.

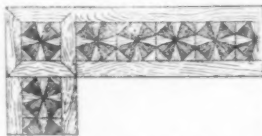
We wish it to be distinctly understood that while we do not guarantee our boilers to last any specific length of time, or that they will not burst, or in any way give out if they are misused, we are always ready to make good any defect in our own workmanship without charge, and are glad to do so, but we cannot hold ourselves responsible for accidents which occur through ignorance or misunderstanding, or from misuse or wilful abuse.

Should we not have covered all points of interest in this circular we should be glad to furnish any further information that may be desired, if our friends will write us on such points as they wish to be informed.

We ask our many friends to accept our sincere thanks for the support they have heretofore given us, and assure them that we shall spare no effort to insure the utmost perfection.

RANDOLPH & CLOWES,
WATERBURY, CONN.

ORNAMENTAL HARDWOOD FLOORS.



ORNAMENTAL hardwood floors, or parquetry, have been in use in Europe for centuries, and although they are known to most of the architects and builders of this country there are still many persons who are not familiar with them—their beauty, cleanliness and durability.

One of the largest and oldest manufacturers of this class of work is S. C. Johnson of Racine, Wis. He has made an exhaustive study of the different modes of manufacture, and is fully prepared to execute all orders carefully and promptly. He has just issued a new and beautiful catalogue showing nothing but new and artistic designs that are not made by other manufacturers and will be glad to mail one of these new catalogues to any one who may be interested.

Parquetry floors are made in all thicknesses varying from $\frac{5}{8}$ " to $1\frac{1}{2}$ ". The thin material is glued on canvas which holds it in position until it is laid. It is fastened to the foundation floor by means of a small wire brad which is driven through from the surface, carefully set, and the hole filled with putty colored to match the wood into which the nail is driven.

The thick material is used principally in new dwellings where provision has been made

for this thickness. It is very often the case that parties use our ornamental work for borders only, and fill the centres with plain-dressed and matched oak or maple flooring.



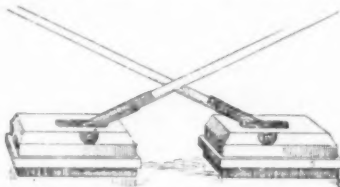
The principal advantage of the thick material is that it can be blind-nailed, but as the thin material is much cheaper it is the thickness that is usually used.

Mr. Johnson also manufactures the very best material for finishing all kinds of hardwood floors. This is Johnson's prepared wax,



put up in two-pound cans. This wax is guaranteed to be superior to anything in the market. It does not scratch or show heel-marks like shellac, nor does it gather dust and dirt like oil. It is very easily applied, and floors finished in this manner are very easily kept in order by inexperienced persons.

A weighted brush is a great convenience for keeping waxed floors in order; in fact it



is almost a necessity. These brushes weigh twenty-five pounds and retail at \$4.00 each. The wax retails at seventy-five cents per pound.

S. C. JOHNSON,
RACINE, WIS.

BATHS FOR THE MORMON TEMPLE.

THE Standard Manufacturing Company, of Pittsburgh, has just shipped by express a carload of enamelled baths of special make and design for the great Mormon Temple at Salt Lake City. They are the largest ever made and are on a scale of magnificence never before attempted. The contract was first offered to the Mott Company, of New York, and then to European firms, all of whom declined to undertake the work, which, however, has been successfully performed by the Pittsburgh concern. The designs were made by Brigham Young's son, and Elder Midgely, of Salt Lake City, was in Pittsburgh for twelve days during the progress of the work.

The Mormon Temple is said to be a very gorgeous affair, the lavatories being finished in onyx, and the baths shipped were made to correspond with their surroundings. A duplicate of one of them will soon be exhibited by the local firm and also placed on exhibition at the World's Fair. The express charges on the lot amounted to \$1,000.

STANDARD MANUFACTURING CO.,
PITTSBURGH, PA.

LIQUID PAINTS.

A NEAT publication is just issued,—the Color Card of The H. W. Johns Mfg. Co.

This is a 16-page pamphlet, containing samples and describing the H. W. Johns liquid-paints, wood-stains, fillers, varnishes, colors in oil, coach-colors, fireproof paints for factories, smoke-stacks, etc.

To meet the public demand for light tints they have added a number of new shades to their house-paints, and the list of colors must now satisfy the most fastidious taste.

This company also issues a "Pamphlet of Suggestions for Exterior Decoration," which is very helpful to householders in the selection of colors suited to the architecture and surroundings of their houses, and producing harmonious combinations. They also furnish special combinations, prepared by an expert, for individual requirements.

Heretofore these liquid paints have been put up only in pint or larger packages, but this year small strip cans are furnished for domestic use at fifteen cents each for regular shades.

A liquid wood-stain which is a combined filler and stain, and a liquid wood-filler which is also a good "knot killer" and shellac substitute, have been added, so that both the stains and fillers are now supplies ready for use as well as in the paste form.

This company claims to manufacture superior quality materials, and their constantly increasing business, together with the high class of trade patronizing them, seems to substantiate their statements. Those requiring paint or kindred materials will do well to give this make a trial.

H. W. JOHNS MFG. CO.,
NEW YORK, N. Y.

NOTES.

THE Joseph Dixon Crucible Co. has at last been awarded space in the Columbian Exposition—a space 25 x 28 feet in the Mines Building for a general exhibit of graphite productions, such as crucibles, lubricating graphite, graphite axle-grease, plumbago-facings, graphite machine and railway grease, Dixon's stove-polish, silica-graphite paint, core-wash, electrotyping-graphite, graphite cylinder-oil, graphite specialties for electrical and other work, etc.

A space of 13 x 10 feet only was obtainable in the Manufacturers' Building for an exhibit of Dixon's "American Graphite" pencils and pencil sundries.

Although the assignment of space has been tardy, and the amount of space much less than required, and not much time left to properly equip it, yet we propose to be there on time and in good shape as possible. We shall also be very glad, then and there, to see the million and one friends of the Dixon Company and "American Graphite" pencils.

JOS. DIXON CRUCIBLE CO.,
JOHN A. WALKER, Vice-President,
JERSEY CITY, N. J.

ONE of the curious developments of the day, is the degree in which manufacturers are substituting for catalogues and circulars for gratuitous distribution serial publications of their own, which have more or less outward similarity to the standard technical journal. The Yale & Towne Mfg. Co., the A. A. Griffing Co., the Okonite Co., the Interior Conduit and Insulation Co. have all made this venture, and now the Van Wagoner & Williams Co., of New York and Cleveland, adopt it and with March begin the publication of *Hinge, Vise and Hammer*, as to which we may say that this firm clearly finds that its prosperity hinges on the vise-like tenacity with which it holds the attention of old customers, while it hammers facts into the comprehension of new ones. At any rate, we

may draw such an inference with justice, since, instead of discontinuing their advertisement in our columns, they increase their space.

NEW YORK, N. Y., March 11, 1893.

THE copartnership heretofore existing under the firm name of Spadone & Cabaret, and doing business at No. 675 Hudson Street, was this day dissolved by mutual consent.

Mr. Paul E. Cabaret will sign in liquidation.

ALFRED A. SPADONE.
PAUL E. CABARET.

NEW YORK, March 11, 1893.

I TAKE pleasure in announcing that, having purchased the interest of my retiring partner, Mr. Alfred A. Spadone, I will continue the business in Artistic Brass, Bronze and Wrought-iron Work heretofore carried on by Spadone & Cabaret.

Very respectfully,

PAUL E. CABARET,
675 HUDSON STREET.

BUILDING INTELLIGENCE.

Reported for the American Architect & Building News.

ALTERATIONS.

Brooklyn, N. Y.—*Hicks St.*, No. 149, three-st'y brick hotel, slate roof, to be raised three stories and internal alterations made; cost, \$40,000; owner, A. C. W. Tibbitts, Vermont; architects, E. A. Quick & Sons, Yonkers; builders, Van Devery & Rutan, 619-621 Sackett St.

Carlton Ave., e. s. 100' s Myrtle Ave., three-st'y brick stable, gravel roof, four-st'y brick extension, gravel roof, and other alterations; cost, \$11,000; owner, Meyer Feuchtmanger, Exchange Pl., New York City; architect, M. J. Morrill, 357 Fulton St.

Chicago, Ill.—James Wilde, Jr., store front and interior alterations, State and Madison Sts.; cost, \$8,400.

Fred. Wolf, two-st'y addition, 556-558 North Halsted St.; cost, \$5,000.

R. H. McCormick, two-st'y bay window, cor. Erie and Rush Sts.; cost, \$4,000.

Erie, Pa.—Brick addition to School No. 10; cost, about \$18,850.

Germantown, Pa.—Alterations to dwell. of Benj. W. Greer; architect, Fred. Fox, 135 Wisteria Ave.

Hughesville, Pa.—Addition to the church of the Lutheran congregation.

Jenkintown, Pa.—Improvements will be made to Catholic church.

Lock Haven, Pa.—Improvements and extension to school-house.

Philadelphia, Pa.—Addition and Nineteenth Sts., addition to school-house; builder, C. O'Neil.

Fine St., No. 1419, four-st'y addition; builder, Robert M. Green, 1425 Mt. Vernon St.

Eighth St., below Chestnut St., alterations to Locatel Hotel; architect, Angus S. Wade, Hale Building.

West Chestnut St., alterations to Aldine Hotel; architect, Addison Hutton, 460 Chestnut St.

Swarthmore, Pa.—Stone addition to Swarthmore College, slate roof; architect, Arthur Stanley Cochran, 140 South Fourth St., Philadelphia.

APARTMENT-HOUSES.

Boston, Mass.—*Boylston St.*, Nos. 843-845, Ward 11, six-st'y brick apartments, flat roof, 52' x 97'; owner, E. B. Horn; builder, D. L. Rand.

Chicago, Ill.—John Schamm, two-st'y flats, 186 Clarence St.; cost, \$3,000.

E. D. Herdman, 2 three-st'y flats, 6020 Edgerton St.; cost, \$10,000.

W. Shannon, two-st'y flats, 6553 Peoria St.; cost, \$3,000.

C. J. Maguire, three-st'y flats, 116 Homan Ave.; cost, \$8,000.

C. McGinnis, three-st'y flats, 3020 Dearborn St.; cost, \$8,000.

Ellen McGann, three-st'y flats, 128 Johnson St.; cost, \$8,000.

T. Hanson, 2 two-st'y flats, 965-967 North Kedzie Ave.; cost, \$6,000.

Olaf Larsen, two-st'y flats, 6327 Sangamon St.; cost, \$6,000.

Joseph Robertson, three-st'y flats, 7416-7420 Sheridan St.; cost, \$9,000.

Joseph Robertson, 3 two-st'y flats, 7332-7336 Center Ave.; cost, \$9,000.

R. E. Waite, two-st'y flats, 6340 Honore St.; cost, \$4,000.

John Schmier, three-st'y flats, 977 Hinman St.; cost, \$5,000.

Kate Breden, 4 four-st'y flats, 632 La Salle Ave.; cost, \$22,000.

C. W. Mills, two-st'y flats, 3548 Dearborn St.; cost, \$4,200.

Ella Southerland, 2 two-st'y flats, 6121 Ellis Ave.; cost, \$10,000.

Louis Wagner, two-st'y flats, 6363 Maryland Ave.; cost, \$4,000.

John Hamilton, 2 two-st'y flats, 7308-7310 Greenwood Ave.; cost, \$3,200.

J. W. Kicker, three-st'y flats, 5819 Rosalie Ct.; cost, \$4,500.

Peter Arp, two-st'y flats, 213 Eightieth St.; cost, \$3,500.

Dr. A. H. Redding, two-st'y flats, 6600 Maryland Ave.; cost, \$6,000.

J. Kenny, 2 three-st'y flats, 7031-7033 Avenue B; cost, \$6,000.

Vincent Hiska, two-st'y flats, 1088 Albany Ave.; cost, \$3,000.

Frank Bambas, three-st'y flats, 863 South Ashland Ave.; cost, \$4,000.

James East, three-st'y flats, 3632 South Robey St.; cost, \$3,500.

Fanny Monroe, two-st'y flats and barn, 6312 McChesney Ave.; cost, \$3,500.

V. F. Rhodes, 3 two-st'y flats, 5541-5545 Ada St.; cost, \$7,500.

R. Brownell, three-st'y flats, 5473 Kimbark Ave.; cost, \$6,000.

GOTCH'S RENAISSANCE IN ENGLAND.

NOTE TO SUBSCRIBERS.

The Publishers desire to point out to the Subscribers that *five extra plates* are given in the Fifth Part, which may be some excuse for the delay that has occurred in its publication. It is intended to issue a like number of Plates in the concluding Part, which will also contain Title-pages for binding the Work in two volumes; alphabetical and chronological lists of the plates and other illustrations, etc., together with "Remarks upon the introduction and development of the Style in England," by Mr. Gotch.

It may here be mentioned that when completed the Work will contain *Sixteen* more Plates than the number mentioned in the original prospectus, besides a great many more illustrations in the text, including a number of plans, some of which have not been obtained without difficulty. The success of the work has enabled the Publishers to make these additions without asking the Subscribers for any increase of the price, but they desire to make it known that immediately upon the issue of the sixth (and concluding) part the price will be raised to **SIXTY DOLLARS**, and they will be obliged by Subscribers helping them to prevent disappointment, by informing any of their friends who may wish to obtain a copy of the book of this intended increase.

211 TREMONT STREET, BOSTON, April, 1893.

MR. I. P. FRINK,

NEW YORK:—

DEAR SIR,—I inclose check for the amount of your bill. The work is entirely satisfactory; your men are excellent workmen, and it is a credit to any establishment to have such able and conscientious employees. I have much pleasure in recommending your work.

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SOLE AGENT FOR THE UNITED STATES.

HOUSES.

- Boston, Mass.**—*Harris St.*, No. 22, Ward 6, four-sty frame dwell., flat roof, 26' x 31'; owner, John Twomey; builder, W. F. McDonald.
- Brooklyn, N. Y.**—*Central Pl.*, e s, 246' 11" n Grove St., two-sty frame dwell., shingle roof; cost, \$3,500; owner, Chas. Reich, Broadway; architect and builder, J. A. Brook, 820 Lexington Ave.
- Dean St.*, s s, 275' e Bedford Ave., 3 four-sty brick dwell., tin and slate roofs; cost, \$8,000 each; owner, G. L. Sammis, 138 Penn St.; architect, J. E. McAuliffe.
- Classon Ave.*, w s, 121' s Butler St., four-sty brick dwell., tin roof; cost, \$5,000; owner, Daniel McNamee, 774 Classon Ave.
- Hancock St.*, n s, 338' e Throop Ave., 8 two-sty brick dwell., tin roofs; cost, \$6,000 each; owner, John F. Saddington, 253 Jefferson Ave.; architect, F. D. Vrooman, 255 Jefferson Ave.
- Nostrand Ave.*, w s, 95' s Dean St., three-sty brick dwell., tin roof; cost, \$3,000; owner, J. F. Ryan, 215 Hewes St.; architect, M. Dahlender, 186 Remsen St.
- Lafayette Ave.*, n s, 225' e Marcy Ave., 3 three-sty brick dwell., tin roofs; cost, \$7,000; owners, E. N. Phillips & Son, 543 Greene Ave.; architects, I. D. Reynolds & Son, 363 Fulton St.
- Market St.*, e s, 93' 11" s Ridgewood Ave., 12 two-sty frame dwell., tin roofs; cost, \$2,000 each; owner, Salome Johnson, 88 Eldert St.; architect, Peter Johnson, 88 Eldert St.
- Eaton St.*, e s, 25' s Sutter Ave., 3 two-sty frame dwell., tin roofs; cost, \$2,500 each; owner, John Hogan, Belmont Ave. and Linwood St.; architect, H. W. Billard, Jefferson Building.
- Harman St.*, s s, 150' e Knickerbocker Ave., 2 four-sty frame dwell., tin roofs; cost, \$5,000 each; owner, Chas. Rahm, 292 Harman St.; architect, E. Schreumpf, 534 Bushwick Ave.
- Dean St.*, s w cor. Nostrand Ave., 5 three-sty brick dwell., tin roofs; cost, \$4,000; owner, J. F. Ryan, 215 Hewes St.; architect, M. Dahlender, 186 Remsen St.
- Bergen St.*, n s, 200' e New York Ave., 7 three-sty brick dwell., tin roofs; cost, \$6,500 each; owner and builder, J. A. Bliss, 875 St. Marks Ave.; architect, A. E. White, 445 First St.
- Pulaski St.*, s s, 175' 3" e Stuyvesant Ave., four-sty brick dwell., tin roof; cost, \$8,000; owners, architects and builders, Hahn Bros., 286 Central Ave.
- Macon St.*, n s, 39' 6" w Marcy Ave., 4 three-sty brick dwell., tin roofs; cost, \$7,500 each; owner, John Gordon, 31 Lefferts Pl.; architect, Robert Dixon, 219 Montague St.
- Greene Ave.*, n s, 45' e Grand Ave., 7 three-sty brick dwell., slate and gravel roofs; cost, \$5,500 each; owner, E. Snedeker, 391 Greene Ave.; architect, John Munford, 189 Montague St.
- Park Pl.*, s s, 260' e Schenectady Ave., 6 two-sty frame dwell., tin roofs; cost, \$2,200 each; owner, C. J. Schiefer, Ralph Ave., near Eastern Parkway; architect, Chas. Infanger, 126 Van Sienlen Ave.
- Sheridan Ave.*, w s, 100' s Atlantic Ave., 3; and *Lincoln Ave.*, e s, 100' s Atlantic Ave., 3 two-sty frame dwell., tin roofs; cost, \$2,200 each; owners, S. Mafra & Co., Railroad Ave.; architect, Chas. Infanger, 126 Van Sienlen Ave.
- Atlantic Ave.*, n s, 150' e Utica Ave., 13 two-sty frame dwell., tin roofs; cost, \$2,600 each; owner and builder, E. Johnson, 153 Hoyt St.; architect, M. F. Walsh, 74 Rockaway Ave.
- Lorimer St.*, w s, 25' 7" n Ten Eyck St., four-sty frame dwell., tin roof; cost, \$7,000; owner, F. W. Bading, 39 Meserole St.; architect, Th. Engelhardt, 905 Broadway.
- Sumpter St.*, n s, 250' e Saratoga Ave., three-sty frame dwell., tin roof; cost, \$4,500; owner and builder, N. Burghardt; architect, H. Vollweiler, 483 Hart St.
- Prospect Pl.*, s s, 20' w Schenectady Ave., 3 two-sty frame dwell., tin roofs; cost, \$3,000 each; owner, Phillip McMurray, 76 Rockaway Ave.; architect, M. F. Walsh, 74 Rockaway Ave.
- Alabama Ave.*, e s, 100' s Liberty Ave., three-sty frame dwell., tin roof; cost, \$4,800; owner and builder, H. Rice, Alabama Ave., near Liberty Ave.; architect, Chas. Infanger, 126 Van Sienlen Ave.
- Even St.*, e s, 100' n Jackson St., three-sty frame dwell., tin roof; cost, \$7,000; owner, J. Heinstadt, 374 Even St.; architect, F. Holmberg, 1189 Broadway.
- Twentieth St.*, n s, 35' w Ninth Ave., two-sty frame dwell., tin roof; cost, \$3,300; owner, P. McGovern, 455 Twentieth St.; architect, W. H. Wirth, 358 Seventeenth St.
- Troutman St.*, s s, 200' e Knickerbocker Ave., three-sty frame dwell., tin roof; cost, \$4,000; owner, S. Mehling, 259 Melrose St.; builders, Spath & Senger, 272 Jefferson Ave.; architect, E. Schreumpf, 534 Bushwick Ave.
- Buffalo, N. Y.**—W. H. Archer, architect, 13 West Huron St., has prepared plans for a two-sty frame and stone cottage for Miss Gibbons, Carolina St.
- The same architect has prepared plans for a two-sty frame and stone dwell., Breckenridge St., for David Butler; cost, \$3,000.
- Chicago, Ill.**—H. Hill & Co., two-sty dwell., Selwyn Ave. and Irving Park Boulevard; cost, \$3,000.
- Agneta Williams, two-sty dwell., 947 Mayfair St.; cost, \$3,200.
- Otto Deltrich, two-sty dwell., 1015 Mead St.; cost, \$4,000.
- H. N. Hanley, two-sty dwell., 707 Trumbull St.; cost, \$3,500.
- Thomas Pindell, three cottages, 739-742 Pine St.; cost, \$8,000.
- Cincinnati, O.**—Catherine Heath, two-and-one-half-sty brick and stone dwell., s e Gaff St.; cost, \$2,500; architect, Thomas Heath.
- Alex. Fuchs, two-sty brick and stone dwell., s w Quebec St.; cost, \$3,000; architect, Adam Bast.
- Herman Gohs, three-sty brick and stone dwell. and store, s w Jefferson Ave.; cost, \$5,000; architects, Reig & Marty.
- Chris. Von Leggern, two-and-one-half-sty brick and stone dwell., s w Kline St.; cost, \$4,500; architect, J. J. Ruechert.
- Ruhle Bros., owners and architects, 3 two-sty frame dwell., s w Ahrens Ave.; cost, \$4,500.
- Jas. Richard, two-and-one-half-sty frame dwell., n w Nixon St.; cost, \$2,500; architect, E. Schlachte-meyer.
- W. A. Goodman, two-and-one-half-sty frame dwell., n s Grandin Road; cost, \$5,000; architect, G. W. Drach.
- F. Schultz, two-and-one-half-sty frame dwell., s w Grandin Road; cost, \$5,000; architect, W. W. Aiken.
- Patrick Leen, owner and architect, two-sty frame dwell., s e Huckleberry St.; cost, \$3,000.
- Detroit, Mich.**—H. W. Holcomb, double frame dwell., 494 Lincoln Ave.; cost, \$7,000.
- Thomas W. Ward, five frame dwell., 576, etc., Boulevard; cost, \$12,000.
- John M. Fitzpatrick, two frame dwell., 1379 Eighteenth St.; cost, \$4,500.
- F. J. Paget & Son, double frame dwell., 108-110 Beech St.; cost, \$3,200.
- Tesseau Bros., frame dwell., 1586 Gratiot Ave.; cost, \$3,200.
- G. L. & A. F. Gibson, four frame dwell., 179, etc., Pine St.; cost, \$10,000.
- A. Limberg, frame dwell., 277 Field Ave.; cost, \$5,000.
- Thos. Mason, double frame dwell., 223 Baltimore Ave.; cost, \$3,200.
- John McDonald, two frame dwell., 312-316 Maybury Ave.; cost, \$3,200.
- C. H. Colwell, three frame dwell., 962-966 Trumbull Ave.; cost, \$8,000; also three frame dwell., 177-181 Theodore St.; cost, \$8,000.
- R. J. Crawford, two frame dwell., 791 and 819 Twenty-sixth St.; cost, \$3,200.
- Thomas M. Cattel, two frame dwell., 294-296 Lyander St.; cost, \$4,300.
- H. W. Raper, double frame dwell., 463-465 Dix Ave.; cost, \$3,600.
- A. Corbelle, four frame dwell., 1150, 1154, 1156, 1158 Fourteenth Ave.; cost, \$9,000; also frame dwell., 1258 Third Ave.; cost, \$3,200.
- Hugo Bloquette, two-sty brick dwell., 919 Mt. Elliott Ave.; cost, \$8,500.
- C. F. Broton, four frame dwell., 1176, 1178, 1180 and 1184 Vinewood Ave.; cost, \$6,500.
- F. H. Cozzens, frame dwell., 45 Blaine Ave.; cost, \$5,000.
- W. S. Nicholson, double frame dwell., 102-104 Spruce St.; cost, \$5,000.
- W. Gutow, frame dwell., 917 Congress St.; cost, \$3,500.
- Thomas Fairbairn, two frame dwell., 486-490 Beaubien St.; cost, \$6,000.
- H. W. Holcomb, brick dwell., 282 Merrick Ave.; cost, \$7,000; also double brick dwell., 285-287 Merrick Ave.; cost, \$10,000.
- Dunkirk, N. Y.**—Architect W. H. Archer, 13 West Huron St., Buffalo, N. Y., has prepared plans for a two-sty frame dwell. for Harrison Tutthill; cost, \$4,000.
- Two-sty brick and stone dwell. for Mrs. Dotterweich; cost, \$8,000; architect, W. H. Archer, 13 West Huron St., Buffalo, N. Y.
- Germantown, Pa.**—*Upsal St.*, n s, w Main St., 22 three-sty brick dwell.; owner, F. H. Campion; builders, H. W. Gist & Bro.
- Two pairs of three-sty Colonial cottages; owners, Thomas W. Wright & Son, Harvey St.
- Upsal St.*, three-sty Colonial dwell. for A. T. Flower; builders, Thomas W. Wright & Son, Harvey St.
- Three-sty stone and brick dwell. for Thomas McKean; architects, Cope & Stewardson, 320-324 Walnut St.
- Hudson, Mass.**—Frame dwell., 40' x 44'; owner, F. H. Chamberlain; builder, J. A. Whitaker; architect, S. S. Woodcock, Boston.
- New York, N. Y.**—*Trinity Ave.*, e s, 271' n One Hundred and Sixty-fifth St., 7 three-sty brick dwell., tin roofs; cost, \$35,000; owner, N. D. Lawton, New Rochelle, N. Y.; mason, John A. Knox, Marion Ave., Fordham.
- One Hundred and Fifty-seventh St.*, n s, 100' w Courtland Ave., 2 three-sty brick dwell., tin roofs; cost, \$15,000; owner, George Stolz, 286 Third Ave.; architect, Anthony F. A. Schmitt, 604 Courtland Ave.
- Ogden Ave.*, e s, 98' s Orchard St., three-sty brick and frame dwell., tin roof; cost, \$8,000; owner, August B. Ciderberg, 441 West Forty-fifth St.; architect, F. D. Miller, Bedford Park.
- Kelly St.*, n w cor. East One Hundred and Sixty-fifth St., two-sty brick and frame dwell., tin roof; cost, \$5,000; owner, James H. McCabe, 70 Columbus Ave.; architect, Arthur Boehmer, 720 East One Hundred and Seventy-seventh St.
- Eighty-fourth St.*, n s, 200' w West End Ave., 11 three and four sty brick dwell., tin roofs; cost, \$176,000; owners, John and David Dunn, 323 West Eighty-fifth St.; architect, G. F. Pelham, 1481 Broadway.
- Ninety-third St.*, s s, 100' e West End Ave., 7 five-sty brick dwell., slanting tin roofs; cost, \$112,000; owners, The City Real Estate Co., 323 West Eighty-seventh St.; architect, Charles P. H. Gilbert, 18 Broadway.
- Orange, N. J.**—*Berkley Ave.*, two-and-one-half-sty frame dwell.; architects, Stephenson & Greene, 5 Beekman St., New York.
- Holstead St.*, two-and-one-half-sty frame dwell.; architects, Stephenson & Greene, 5 Beekman St., New York.
- Philadelphia, Pa.**—*Upsal St.*, near Germantown Ave., two pairs of dwell.; owner, H. C. Wetherstine.
- Twenty-third St.*, above Parrish St., 94 two and three sty brick and stone dwell.; builder, John M. Sharp, 1936 South College Ave.
- Locust and Sixteenth Sts.*, five-sty brick and stone dwell.; builders, A. H. Williams & Sons.
- Myrtlewood St.*, e s, s Wharton St., 10 two-sty brick dwell.; builders, Sheehan Bros., 1909 Morris St.
- Thirtieth St.*, e s, s Wharton St., 9 two-sty brick dwell.; builders, Sheehan Bros., 1909 Morris St.
- Wharton St.*, s s, e Thirtieth St., 7 two-sty brick dwell.; builders, Sheehan Bros., 1909 Morris St.
- Broad St.*, w s, s Moore St., 2 three-sty brick dwell.; owners, Mowbray Bros., 1236 South Thirtieth St.
- Gransbach St.*, w s, n Cambria St., 5 two-sty brick dwell.; owner, Carl Schildt, 2607 Harold St.
- Warnock St.*, w s, n Indiana Ave., two-sty brick dwell.; builder, John Weibbe, 2327 North Ninth St.
- Thirty-first St.*, e and w s, n Dakota St., sixteen brick dwell.; owner, Edwin Peters, 1846 North Thirtieth St.
- Fifteenth St.*, w s, s Allegheny Ave., 6 three-sty brick dwell.; owner, Geo. V. Gunn, 1204 Lehigh Ave.
- Chelton Ave.*, n w s, s w Morris St., three-sty brick dwell.; owner, D. P. Bruner, 4320 Morris St.
- Westmoreland St.*, n s, e Sixteenth St., eight brick dwell.; owner, W. R. Brown, 3229 North Seventeenth St.
- Ontario St.*, s s, e Sixteenth St., eight brick dwell.; owner, W. R. Brown, 3229 North Seventeenth St.
- Newbold St.*, e s, s Ruscomb St., three-sty brick dwell.; builder, Walter Sims, 4547 Miller St., Germantown.
- Horre St.*, n and s s, w Broad St., 24 two-sty brick dwell.; owner, John I. McDuffee, 3554 North Broad St.
- Torresdale St.*, e s, n Shurs Lane, 5 two-sty brick dwell.; owners, Neal & McIlvain, 170 Mechanic St.
- Lancaster Ave.*, n s, w Holly St., 3 three-sty brick dwell.; owner, John W. De Long, 36 North Fortieth St.

Brooklyn St., s e cor. Fairmount Ave., 2 two-sty brick dwell.; owners, Chas. Smith & Son, 4215 Haverford St.

Pleasant St., n s, e near McCallum St., three-sty brick dwell.; builder, William Fleming, Levering Ave.

Brown and Thirty-fourth Sts., 9 two-sty brick dwell.; builder, M. E. O'Brien.

Pierce St., w Eighteenth St., nine brick dwell.; owner, John Garman.

Ontario St., s s, e Twentieth St., 4 three-sty brick dwell.; owner, J. C. Miller, 1525 Clearfield St.

Norris St., No. 2805, two-sty brick dwell.; builders, Robert Beatty & Bro., 2321 Townsend St.

Passyunk Ave., w s, s Moore St., 8 three-sty brick dwell.; owners, Killough Bros., 1920 Bainbridge St.

German St., n s, e Fifth St., 2 four-sty brick dwell.; builder, Walter B. Scott, 411 Wharton St.

Twenty-first St., from Dauphin to York Sts., several brick and stone dwell.; architect, W. H. Free, 27 North Juniper St.

Somerville, Mass.—*Campbell Park*, No. 16, frame dwell., 22' x 40'; owners and builders, Bethune & Smith.

Hancock St., near Elm St., frame dwell., 25' x 36'; owner and builder, A. M. Cain.

Trull St., frame dwell., 25' x 40'; owner, Maurice Buttimore; builder, A. M. More.

Prospect St., 2 three-sty frame dwell., flat roofs, 24' x 44'; owner and builder, J. W. Connor.

Porter St., frame dwell., 24' x 41'; owner and builder, W. L. Gidden.

Somerville Ave., near Belmont St., three-sty frame dwell., 28' x 51'; owner, M. C. Mello; builder, James Mathews.

Lee St., No. 5, frame dwell., 24' x 46'; owner and builder, Z. E. Cliff.

Alpine St., frame dwell., 22' x 28'; owner, Thomas Moran; builders, Belding Bros.

Highland Ave., near High School, frame dwell., 26' x 36'; owner and builder, T. C. Connor.

Albion St., three-sty frame dwell., 23' x 35'; owner and builder, Frank Gould.

West St., frame dwell., 24' x 52'; owner, Louisa Paon; builder, S. S. Higgins.

Lee St., frame dwell., 22' x 47'; owner, Annie L. Fletcher; builder, Wm. Brooks.

Elm St., near Burnside Ave., two frame dwell., 25' x 46'; owner and builder, D. J. Skilton.

Burnside Ave., two frame dwell., 24' x 36'; owner and builder, D. J. Skilton.

St. Louis, Mo.—Two-sty brick dwell.; cost, \$4,400; owner, M. A. Masterson; contractor, B. Carley.

Two-sty brick dwell.; cost, \$3,000; owner, F. W. Font; contractor, W. Lester.

Two-sty brick dwell.; cost, \$5,200; owner, H. Lempe; contractors, Hassenboch & Bro.

Two-sty brick dwell.; cost, \$3,300; owner, H. Bramsch; contractors, Hassenboch & Bro.

Two two-sty brick dwell.; cost, \$6,000; owner and contractor, L. T. Waggener.

Two-sty brick dwell.; cost, \$2,500; owner, A. Barostowakus; contractor, J. Althaus.

Four two-sty brick dwell.; cost, \$30,000; owner and contractor, T. C. Higgins.

Two-sty brick dwell.; cost, \$10,000; owner, A. Arnstein, contractor, P. J. Moynihan.

Two-sty brick dwell.; cost, \$5,000; owner, O. K. Vickery; contractor, O. F. Humphrey.

Three-sty brick dwell.; cost, \$3,600; owner, Wm. Seifer; contractor, G. Menkonn.

Two-sty brick dwell.; cost, \$3,500; owner and contractor, C. P. Shassero.

Two-sty brick dwell.; cost, \$3,000; owner, A. Semler; contractor, J. L. Hartford.

Two-and-one-half-sty brick dwell.; cost, \$2,500; owner, C. Tell; contractors, Warhoff & Kennell.

Two-sty brick dwell.; cost, \$3,200; owner, A. Sudhoff; contractor, T. Hall.

Two-and-one-half-sty brick dwell.; cost, \$10,000; owner, Mrs. M. E. Legg; contractor, T. J. Kelly.

Tonawanda, N. Y.—Architect W. H. Archer, 13 West Huron St., Buffalo, N. Y., has prepared plans for a two-and-one-half-sty Colonial dwell. for E. G. Riesterer on Adams St.; cost, \$6,000; also two-sty frame barn for same.

Architect W. H. Archer has also prepared plans for a two-sty pressed-brick and Medina stone Colonial dwell. for Mrs. A. B. Williams; cost, \$20,000. Same architect has prepared plans for same party for a two-sty pressed-brick and frame barn, shingle roof.

Same architect has also prepared plans for a two-sty brick and frame dwell. for Mr. Ball; cost, \$3,000.

The same architect has also prepared plans for a two-sty frame dwell. for C. F. Constock; cost, \$3,000; also two-sty frame dwell. for Mrs. Allen, shingle roof.

Worcester, Mass.—*Raymond St.*, three-sty frame dwell.; owner, A. Fobes; contractor, E. B. Rogers.

Ledge St., 2 three-sty frame dwell.; owners and contractors, H. and L. Lewis; architects, Barker & Nourse.

Chandler St., three-sty frame dwell.; owner and contractor, George Peirce.

West St., three-sty frame dwell.; owner and contractor, J. B. Tucker.

STABLES.

Philadelphia, Pa.—*Seprira St.*, No. 2014, two-sty brick stable; builder, Frank Deitrich, 2677 Frankford Ave.

Wayne St., n s, e Manheim St., 2 two-sty brick stables; owner, Gilbert Weir, Main St. and Chelton Ave.

Bailey St., w s, s Oxford St., two-sty brick stable; builder, C. Aucher, 1523 North Twenty-seventh St.

Fountain St., s w cor. Thirty-first St., brick stable; builder, S. Gouley, Jr., 2128 Susquehanna Ave.

Hope St., No. 2117, two-sty brick stable; builder, W. E. Buckley, 130 East Huntington St.

Philip St., e s, s Indiana Ave., two-sty brick stable; owner, Jos. S. Hagan, 3001 North Third St.

Greenway Ave., and Sixty-sixth St., brick stable; owner, Henry Spergel, Sixty-sixth St. and Greenway Ave.

Lancaster Ave., No. 3236, two-sty brick stable; owners, Croft, Allen & Co., Thirty-third and Market Sts.

Frankford Ave., and *Leopard St.*, two-sty brick

stable; builder, Michael Magee, 1016 North Eighth St.

STORES.

Boston, Mass.—*Chauncy St.*, cor. Rowe Pl., five-sty stores, flat roof, 74' x 100'; to be built of yellow brick, with freestone trimmings; for Smith, Cunnner & Jones; builder, James Smith; architects, Felner & Page.

Warrenton St., No. 83, Ward 12, four-sty brick store, flat roof, 35.10' x 80'; owners, T. Carter heirs; builder, G. W. Pope.

Brooklyn, N. Y.—*Third Ave.*, s e cor. Forty-seventh St., four-sty brick store and dwell., tin roof; cost, \$8,000; owner, Jas. Burk, Forty-seventh St. and Third Ave.; architects, H. L. Spicer & Son, Third Ave. and Fifty-third St.

Throop Ave., n w cor. Fulton St., one-sty brick store, gravel roof; cost, \$3,000; owners, Johnston Bros., Flatbush Ave. and Nevins St.; architect, M. J. Morrill, 357 Fulton St.

De Kalb Ave., n e cor. Nostrand Ave., 2 two-sty brick stores, tin roofs; total cost, \$8,000; owner, Sarah E. Lynch, 194 Van Buren St.; architect, M. J. Mants, 367 Fulton St.

Futnam Ave., n e cor. Reid Ave., 3 four-sty brick stores and dwell., tin roofs; cost, \$60,000; owner and builder, P. B. Hanlon, 277 Prospect Ave.; architect, E. C. Ranson, 186 Remsen St.

Broadway, 14' s Decatur St., and *Decatur St.*, 22' w Broadway, 4 four-sty brick stores and dwell., tin roofs; cost, \$9,000 each; owner and builder, R. L. Moore, 1450 Broadway; architect, E. Dennis, 115 Himrod St.

Vanderbilt Ave., e s, 100' s Bergen St., four-sty brick store and dwell., tin roof; cost, \$4,500; owner, Thos. J. Redmond, 556 Vanderbilt Ave.; architect, Peter M. Cassidy, 371 Fulton St.

Ninth Ave., s w cor. Sixteenth St., 2 three-sty brick stores and dwell., tin roofs; cost, \$9,500; owner, Wm. A. Hitt, cor. Pearl and Vandewater St., New York City; architects, Slavin & Sheeran, 29 Oliver St., New York City.

Broadway, s w cor. Decatur St., four-sty brick store and dwell., tin roof; cost, \$8,000; owner and builder, Robt. L. Moores, 1450 Broadway; architect, E. Dennis, 115 Himrod St.

Prospect Pl., s w cor. Schenectady Ave., three-sty frame store and dwell., tin roof; cost, \$6,500; owner, P. McMurry, 76 Rockaway Ave.; architect, M. F. Walsh, 74 Rockaway Ave.

Graham Ave., w s, 60' n Devos St., four-sty brick store and dwell., tin roof; cost, \$9,000; owner, Jas. Wanck, 351 Graham Ave.; architect, Th. Engelhardt, 905 Broadway.

Marion St., s s, 80' w Saratoga Ave., three-sty brick store and dwell., tin roof; cost, \$5,000; owner, Ph. Ochs, Saratoga Ave. and Marion St.; architect, Chas. Infanger, 126 Van Siclen Ave.

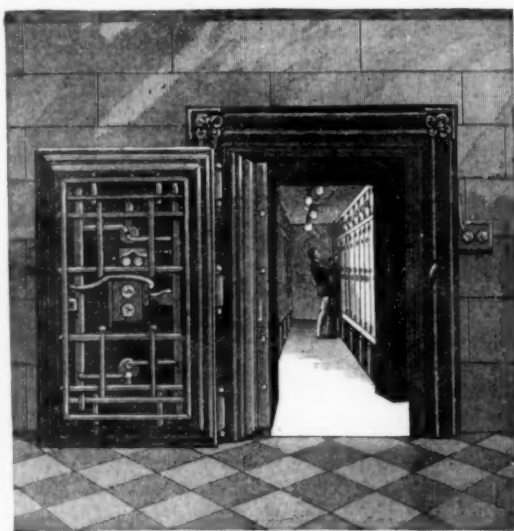
Nostrand Ave., n e cor. Park Ave., four-sty brick stores and dwell., tin roofs; cost, \$11,000; owner, Kate Acor, Jefferson Ave.; architect, J. S. Stevens, 537 Monroe St.

MISCELLANEOUS.

Worcester, Mass.—*Shrewsbury St.*, four-sty brick and stone business block; owner, J. A. Kennedy; contractor, P. Benagha.

Detailed drawings furnished without charge, on application, to prevent mistakes in building

Avoid liability to Accident, Injury and Damages by having Level Passage in Vault Vestibule



SPECIAL REFERENCE IS MADE TO

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Norman Monuments

— OF —

PALERMO AND ENVIRONS

A Study by ARNE DEHLI, ARCHITECT,

Author of "DETAILS OF BYZANTINE ORNAMENT," comprising: ST. MARK'S, VENICE and RAVENNA,

— ASSISTED BY —

G. HOWARD CHAMBERLIN, Architect.



ALTHOUGH numerous works have been issued on single monuments or those of single cities or provinces, the mediæval styles of Italy are yet far from having received the attention they deserve.

A perfect sifting of the elements that went to make up the architecture of mediæval Italy is yet to be undertaken, and will require as a preliminary work that of investigating the origin of the Byzantine style and clearly defining it. In the meanwhile every little stone that can be carried to the building may be of some use, especially if it represent honest and careful investigation.

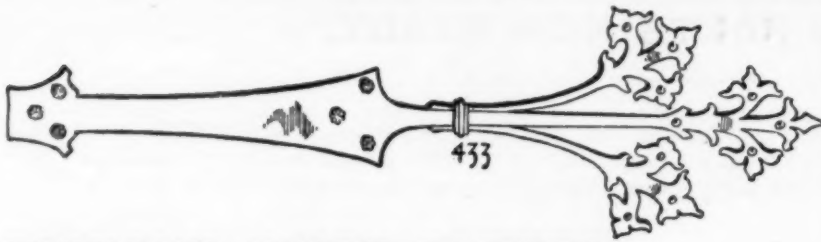
The Siculo-Norman monuments of Palermo and environs belong to the most exquisite gems of mediæval architecture, and, interesting as they are from a historic point of view, they are none the less so to the practical designer. There is probably no set of mediæval monuments in Italy which offers such a large and varied mass of suggestions as the Palermitan monuments. Fergusson justly refers to the Palatine chapel as the gem of mediæval interior decoration, and the same is no less true of La Martorana, while the fame of Monreale and its cloisters is too well-known to require mention.

The author recently made a journey to Sicily and during his stay there devoted his time to the study of the Norman monuments. This work therefore represents a study by a practical architect and the text simply attempts to familiarize the reader with the circumstances under which these wonderful monuments were created, and with some of the peculiar technical processes employed in their construction and decoration.

The work will be issued in four parts, on fine paper, 14x18, and publication will be begun very soon. It will contain, in all, fifty measured drawings of details, with keys to the coloring and materials used, and twelve full-page and twenty half-page views, photographed on the spot, and printed in part from gelatine and part from photo-grain process, besides some twenty sketches interspersed in the text.

The price will be \$5.00 per part, in all cases payable upon the delivery of the numbers. A deduction of ten per cent will be made if paid in full in advance. After completion, the price will be raised to \$25.00 per set.

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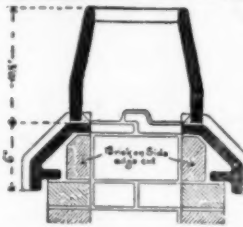
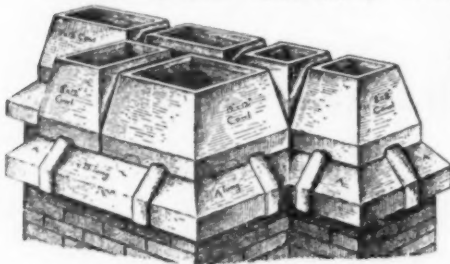
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HARALD M. HANSEN, Architect.
68 La Salle Street, CHICAGO, ILL., Patentee.

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The amount of skylight work we are doing for the World's Fair (over 600,000 sq. feet) has required us to so increase our facilities for such work that we have cheapened the cost materially, and we will be particularly pleased to quote prices for large or small skylight work, "knocked down" or put together, as preferred.

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Extract from a letter written by Walter Katter,
Chief Engineer, dated October 23, 1885.

"I take great pleasure in stating that my experience results from the use of probably 100,000 barrels of it in the brick and stone masonry works of the New York Elevated, New York, West Shore & Buffalo, and New York, Ontario & Western Railways during the past eight years, and from which I have formed a very high opinion as to the excellency of its quality — the leading characteristic of which I have found to be its reliable uniformity, a quality usually found to be sadly lacking in the general run of the ordinary cements of the market; a quality which I regard as the "sine qua non" that every cement must possess before it can be entitled to be classed as "good."

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

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An article long wanted but never before made. Holding the whole harness, taking no more room than the ordinary hook or peg, and can be used for both single or double harness. The harness can be placed upon or removed as easily as on the common hook, and gives the harness once a neat and finished appearance, as it carries the harness up uniformly in width with the saddle, besides keeping the bridle and breast-plate in their proper shape. They are neatly japanned, with gilt facings. Price, \$18 per dozen. Are now in use in hundreds of first-class private stables throughout the United States. The best guarantee being between two and three thousand now

in use by the Harness Trade in Boston alone, and are endorsed 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; Waldo Adams, with the Adams Express Co. SO. BOSTON: Benjamin Dean. CAMBRIDGE: F. A. Kennedy; John Bartlett. 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: James H. Ellison. READVILLE: C. G. White. SWAMPSCOTT: C. P. Curtis. PHILADELPHIA, PA.: Edward N. Williams, of the Baldwin Locomotive Works.

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The public is cautioned against all similar brackets not marked with my stamp, as such brackets are infringements of patents held by me. JAMES J. READ, 13 Tremont Row (Room 10), Boston.

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THE AMERICAN ARCHITECT

AND BUILDING NEWS

ADVERTISERS' TRADE SUPPLEMENT.

No. 131.

SATURDAY, MAY 6, 1893.

VOLUME XL.
No. 506.

MERCHANT'S GRADUATED TILES.

THERE are at the present time few first-class buildings being erected that do not have one or more towers upon them, and no feature of the modern building adds more to its architectural beauty than a graceful and well-proportioned tower. Yet in their construction a difficult problem has invariably arisen as to a suitable covering—especially for conical towers, for which there has been nothing in the market adaptable, the only available covering being wood shingles, which split when drawn to the convex form of the tower. Slate from the same cause will break, and metal shingles of forms designed for straight roofing involving a waste of just fifty per cent of materials in fitting to cones and a greater waste of time in putting on, as after the first course each succeeding one has to be reduced in size, and practically made over by the roofer.

To remedy these difficulties we have employed the highest inventive mechanical skill obtainable, stipulating that it must be of the "Spanish Tile" pattern and so graduated in size, and form, that it will fit all round towers and domes, the lower ends to have a secure fastening and all nail-heads to be covered. The manufacturing to be done in the factory and not by the roofer on the building. These specifications have been fully carried out in the invention and we now place it before the public as the best and the only suitable covering in the world for conical towers and domes.

We have selected the "Spanish Tile" pattern from all others, as it presents much the richest architectural appearance, having been the most desired form through past ages, and to-day is the most sought after by all who admire the "artistic."

As tower roofs are always the most difficult portions of a building to get at to repair or re-paint, they should be covered with that which will never require either. Copper, therefore, is the only material that will meet these conditions, as it is indestructible and grows richer in appearance with age. We also furnish these tiles made of our Guaranteed Roofing Plates.

It will be noticed that in both our Graduated and regular "Spanish Tile," the locks are so constructed that the water cannot enter them, but is carried from, instead of to the lock. In this feature they differ and are incomparably superior to all others.

GENERAL INSTRUCTIONS FOR LAYING.

Prepare the roof by securely nailing to the sheathing from eave to cone strips of lumber

$\frac{7}{8}$ inches thick, suitable width at lower end and $\frac{3}{4}$ inches wide at top. Space between strips must be uniform, varied according to size of tower.

Lay two courses of the flat portion of the tile, first beginning at the eave, using the largest size, or lowest number (the graduated tiles being numbered in rotation), with the up-turned edges fitting nicely between the wood strips, through which they are nailed. Overlap to the recess formed in top end of tile below. In putting on the curved parts, use for each course the number corresponding with plain portion, and nail into the wood strips through cleats at upper end, then fasten lower end of first course by nailing upwardly into the end of the strip; all tile above will be secured by telescoping over the tile below.



(Patent applied for.)

Each tile has its number stamped on it—No. 1 being largest (flat and curved portions corresponding). Full numbers do not taper to next size smaller, but O's do. Should it be required to make full taper from ordinary numbers cut a strip from each side of the curved parts $\frac{1}{8}$ inches wide at top, and running out $1\frac{1}{2}$ inches above lower end. This leaves the lock perfect.

MERCHANT & CO.,
PHILADELPHIA, PA.

THE BRIDGEPORT WOOD FINISHING CO'S EXHIBIT AT THE WORLD'S FAIR.

THE exhibit of The Bridgeport Wood Finishing Co., of New Milford, Ct., for the World's Fair, in preparation for a long time,

at the works of the Sewing Machine Cabinet Co., Bridgeport, Ct., is not very easy to describe to our readers, as it is necessary to be seen to be appreciated, but there is no doubt that it will create great interest at the World's Fair, especially among architects, and those who are about to build their own homes, furniture-manufacturers, piano-manufacturers, etc. Various specimens of foreign and domestic woods, in the shape of panels, about 4" x 8", have been artistically set side by side in pleasing contrast, in a large oak frame; forming as a whole an interesting picture of nature's work. The beauty of these woods has been developed and brought out by the use of the celebrated Wheeler's Patent Wood Filler and the various stains which are manufactured by The Bridgeport Wood Finishing Co., of New Milford, Ct.

On the part of furniture-manufacturers, or consumers of wood in any shape for household use, or interior finishing of buildings, there is a constant and steady demand for something new, that is, each one wants something different from his neighbor, and for this reason the staining of wood is greatly resorted to. These stains, heretofore have been either water or spirit stains and they have been objectionable, owing to the fact that they would raise the grain or fibre of the wood, which made it difficult to finish. In this exhibit to which we have referred The Bridgeport Wood Finishing Co. introduces what is known as their T Oil Stains. These oil stains penetrate the wood the same as water stains without raising the grain or fibre. They are made in various colors and shades, the principal among which are mahogany, antique and English oak. With any of these stains an endless variety of effects on wood may be obtained according to the manner in which the stain is used; that is, whether it is put on and wiped off immediately, or whether it is used heavier or thinner. A piece of common, ordinary mahogany treated with this stain will be developed into the most beautiful figured wood, reflecting new features from every side you may view it, and a piece of birch apparently without any special beauty thus treated will develop into a wood which cannot but be admired, astonishing every one with the figure therein. This stain seems to bring out everything that is in the wood treated, in contrast developing the soft parts of the wood as against the brightening-up of the hard parts.

This picture-frame of hardwoods which we have endeavored to partially describe is set on an oak base about six feet long and three feet wide, in which are numerous drawers for

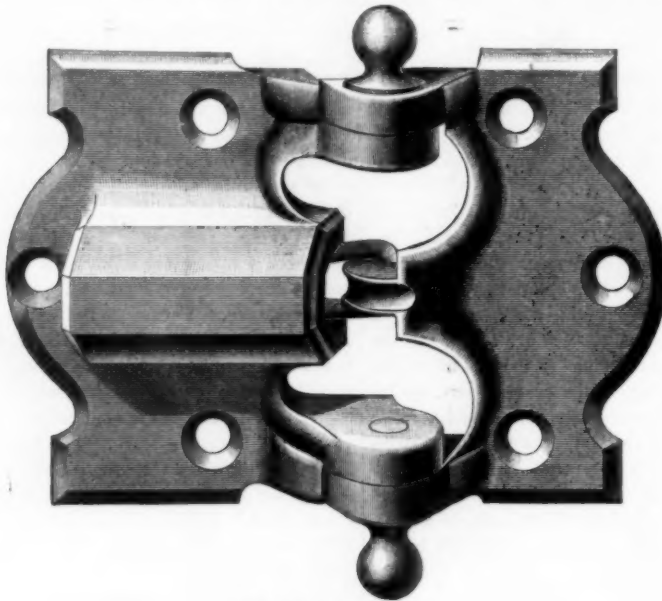
the convenience of employees attending the exhibit. This base, being of oak, has been finished off to show the various effects which may be obtained by treating oak with this Wheeler filler and these stains of which we have spoken. Here all shades of oak from natural antique to the most extreme dark golden oak may be observed. Whitewood also forms part of this base, and this is not only finished up in its natural state, but is also stained and finished up in a very close imitation to walnut.

On the reverse side of this oak frame exhibiting the panels of various hardwoods are panels of wood which have been painted with Breinig's Lithogen Silicate Paint, showing the various colors manufactured by this Company,

every one of these forty-two different varnishes was tried over Wheeler's Patent Wood Filler. The committee did not risk making its investigation over so-called "just as good" articles, but used the genuine only. — *New Milford, Conn., Gazette.*

THE "KNOXALL" SPRING HINGE.

THE name adopted for this new style of spring hinge has a suggestiveness of merit that is fully warranted by an examination of the hinge itself. Its neat, symmetrical appearance and the simplicity of its construction will insure for it a ready market. It is of the hold-back type and will close a door or allow it to remain open, — whichever is desired.



The "Knoxall" Spring Hinge.

and, by themselves, also forming a very pleasing effect.

The managers of the World's Fair have been very considerate in their treatment thus far of The Bridgeport Wood Finishing Co., and while they at first were unable to grant them the space they desired (30 x 30), cutting same down to 10 x 13, they have recognized the high standing and superior merit of their Wheeler Patent Wood Filler and other products over the many imitations now on the market, and within a few days, of their own accord, they wired The Bridgeport Wood Finishing Co., and offered them double the space first granted, which is very acceptable, and will enable them to make a better display than they originally would have been able to make in the limited space. They have also apparently given this well-known company a prominent position in the space allotted to exhibits of their class.

There is a standard for everything, that is, there is something by which everything else is measured. The engineer has his standard sand, up to which he requires sand used on certain work must compare in quality and size, as well as general shape of granules; and so to-day the painter, the furniture-manufacturer and wood-finishers generally have a standard in the way of a wood-filler, and that is the Wheeler Patent Wood Filler, manufactured by The Bridgeport Wood Finishing Co., New Milford, Ct. When, in February, the Master House-Painters of the United States held their annual convention at Cleveland, Ohio, they received a report on the merits of forty-two different kinds of varnish. This investigation into the merits of varnishes had been ordered more than a year ago, and

The "Knoxall" hinge is cast in two pieces only, — these, with a direct-acting spring made of fine crucible steel carefully tempered and the connecting-link, four pieces in all, make the complete hinge. The spring is enclosed in a chamber formed in one of the flanges of the hinge and is entirely covered and concealed, a feature that will be appreciated by every one who has used spring hinges.

It is designed for use on screen-doors and is manufactured by the

VAN WAGONER & WILLIAMS COMPANY,
NEW YORK, AND CLEVELAND, OHIO.

NEW SOLID FIREPROOF PARTITION.

THE New Solid Fireproof Partition is a recent development in advanced construction associated with the use of Expanded Metal Lathing. In the season just closed (1892) many thousands of yards of this, 1½ inches thick and 2 inches thick, have been erected on our lathing as a foundation.

Substantially as strong as a brick wall, they possess the advantages of not only saving much valuable floor-space and useless burden in buildings, but the very important one of costing much less than those of brick or tile. Unlike the latter, they are not fragmentary, but solid monolithic structures, with an imbedded binding of steel, — a combination somewhat similar to the well-known and approved systems of the Monier type in Europe, in which plastic and cement work is strengthened by the introduction of light metallic fabrics. Our binding is superior, in that it is a cut material (see illustration of expanded metal lathing in our advertisement), not only solid at intersections, but possessed of such structural lines as to give diagonal bracing through-

out, both valuable features not possessed by ordinary rectilinear and loose netting.

It is needless to argue the fire and vermin proof quality of these partitions, and it has been demonstrated, by careful experiment, that they do not convey sound.

In the West, where they originated, their assured position in all respects could be indicated by long lists of important finished buildings where they occur, and of others in which this work is specified. This would seem conclusive proof the experimental stage has been past.

Fuller and more practical information as to detail of construction is afforded in the following suggestions, which may be used by architects as the basis of specifications for both 1½ and 2 inches, only, for the latter, ¾" x 1" channel is used.

The solid partitions are built on studdings of ¾" x ¾" channel-iron or steel, placed 16 inches from centres, if not more than 12 feet in height, or on 12-inch centring if of greater. Studding must be set true and straight and securely fastened top and bottom, while great care should be taken to fasten very firmly the wooden grounds at doorways (usually 1½" x 2") to adjoining studding channel by screws or staples properly spaced. Grounds may be put in for bases, picture-mouldings, etc., but the best results have been obtained where these were made part of the plastering, and no wood used except at door and window openings.

Grounds should be ½ inch over studs on face of partition, and ¼ inch over at back of the ¾-inch channel, making a total of 1½ inches for the finished work. The face (on one side only) of partition is lathed by lacing on sheets of Expanded Metal with No. 20 soft wire, running it around studding and several strands of the lath at frequent points, twisting tightly together, and lacing edges of sheets where necessary. Joints should be broken as in wood-lathing, and light temporary bracing from floor should be provided on the side opposite first coat. This applied on the face of partition, to be followed by an application on the reverse or back as soon as the first will permit, all rodded true and straight, flush with grounds. Both lathing and channel will be well imbedded and covered amply. Should the situation be such that both sides cannot dry out uniformly, it is advisable to retain the bracing until the partition is fairly dry.

As to material, it only seems desirable that some quick-setting mortar be used, to save time and facilitate finishing. "Adamant," "Fitzgerald," "Acme," and "King's Windsor" have all been found satisfactory, as has also good rich common mortar, with hair, and gauged for the first coat, afterwards finished in the regular way.

There is no difficulty in nailing on picture-moulding or other attachments, but the best work is where these, as well as bases, wainscoting, etc., are done in the substantial mortars mentioned.

The cost varies with circumstances of location, size of job, etc., but, from our extended experience, we may name \$1.25 per square yard as an average total price for the 1½-inch type (62½ cents per yard of face).

Having executed recently numerous partitions of a supporting nature on 2-inch, 3-inch and 4-inch metal studs, the associated Expanded Metal companies are preparing to furnish a cheap special form of steel studding in all these sizes, capable of easy erection by the carpenter.

These metal studs, metallic lathed and

plastered on both sides in the usual manner, will yield a partition, not only light and strong, but of absolutely incombustible construction, and will meet fully, as does the solid, the most rigid requirements of the underwriter.

Inviting inquiry, we or our agents will cheerfully furnish further information upon fire-resisting construction at a minimum of cost as based on use of the leading metallic lathing in the world—Expanded Metal.

CENTRAL EXPANDED METAL CO.,
PITTSBURGH, PA.

THE LEAD-PENCIL BETTER THAN PEN.

EX-PRESIDENT HARRISON, whose handwriting is as clear, precise and neat as that of a woman, said, after writing his annual message with a lead-pencil, "My thoughts flow more freely from the pencil." Other eminent men who have felt the weight of great responsibilities have been conscious of nervous irritation, mental friction and general exhaustion when using a pen, and an almost entire freedom from such ills when using a pencil with a smooth and easy-yielding lead. General Grant, in writing his important papers, used a Dixon "American Graphite S M" and commended it for its unequalled qualities.

The use of a lead-pencil has saved many a writer from penman's cramp, and made it possible to do better work with greater ease.

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

NOTES.

THE Duplex Hanger Co., of Cleveland, Ohio, wishes to call attention to the fact that they have opened up an Office and Wareroom at No. 39 Pearl Street, Boston, where they carry a large stock of both Framing and Brick Wall Duplex Joist Hangers. These hangers are so constructed that they take the place of both mortise and tenon and the wrought-iron stirrup, but at a less cost.

THE Van Wagoner & Williams Company, New York and Cleveland, the extensive manufacturers of spring-hinges, have been compelled to add another floor to their New York warerooms at 14 Warren Street. Their rapidly-increasing business necessitates this enlargement in order that they may carry a stock which will enable them to fill City and Eastern orders promptly.

THE Cortright Metal Roofing Company of Philadelphia is making a new size of their Victoria Shingle, 7" x 10", which is very useful for belts, gable-ends, towers, etc.

BUILDING INTELLIGENCE.

Reported for the American Architect & Building News.

ALTERATIONS.

Philadelphia, Pa.—Jasper St., w s, n York St., addition to three-story brick warehouse; builders, McCartney & Oler, Front and Oxford Sts.
Westminster Ave., No. 4026, brick bay-window to dwell.; builder, Chilton Dean.
North Sixteenth St., No. 3429, frame bay-window to dwell.; builder, Joseph Parker.
Cumberland St., No. 617, bay-window to dwell.; builder, D. C. Schuler.
South Twelfth St., No. 513, alterations to store; builder, Wm. J. Murphy.
Warnock St., w s, n Poplar St., additions to dwell.; builder, P. H. Somerset.
North Seventeenth St., No. 2202, new front to three-story brick dwell.; builders, L. Snyder & Sons.
Queen St. and Delaware Ave., exterior alterations to E. C. Knight's sugar-house; builder, G. W. Allibone.
South Eleventh St., No. 224, alterations to exterior of building; builder, Chas. J. W. Platt.
Pine St., No. 1267, alterations and additions to building; builders, Rush J. Whitesides & Sons.
East Penn St., No. 1, Twenty-second Ward, frame bay-window to dwell.; builder, John D. Caldwell.
Cambridge St., No. 1914, new front to building; builder, D. F. Comly.
North Twelfth St., No. 343, two-story addition to rear; builder, Samuel L. Pugh.

Fletcher St., No. 2618, addition to brick stable; owner, Jacob R. Fox.
Monroe St., No. 214, interior and exterior alterations to dwell.; builder, John Morris.
Germantown Ave., No. 5790, one-story brick bay-window to dwell.; builders, George S. Roth.
Catharine St., e cor. St.ewart St., one-story addition; builder, Thomas M. Welsh.
Griscom St., e s, above Pine St., one-story addition to stable; builder, Andrew White.
Citron St., No. 1120, two-story addition to rear; builder, J. F. McCloskey.
Hamilton St., No. 3315, alterations to dwell. of John O. Sheets; architect, Minerva Parker Nichols, 1616 Mt. Vernon St.
South Fourth St., No. 265, alterations and additions for an apartment house; architects, Samuel Hall Day and Crawford Coates, Jr., 910 Drexel Building.
Delaware Ave. and Queen St., alterations to brick workhouse; builder, George W. Allibone, 140 Morris St.
South Broad St., No. 219, alterations to the Natatorium; owner, Prof. Julius A. Payne; architects, Moses & King, 431 Walnut St.
Chestnut St., No. 618, interior alterations to Simons Bros.' manufactory; architects, Hazelhurst & Huckel, 910 Drexel Building.

APARTMENT-HOUSES.

Boston, Mass.—Newbury St., No. 386, Ward 22, four-story brick apartments, flat roof, 23.6' x 74.4'; owner, James S. Gill; builder, A. Knowlton.
Albany St., Nos. 665-671, Ward 18, 4 four-story brick apartments, flat roofs, 19' x 40'; owner, J. H. T. Adams; builder, M. A. Farsous.
Fairweather St., Nos. 1-10, 10 three-story brick apartments, flat roofs, 19' x 30'; owner, E. W. Dodge; builders, G. M. Fernald & Son.
Newcomb St., Nos. 50-58, 3 three-story brick apartments, flat roofs, 19' x 30'; owner, E. W. Dodge; builders, G. M. Fernald & Son.
Chicago, Ill.—Charles Schneider, 2 four-story flats, 240-242 Hampden Ct.; cost, \$8,000.
Frank Flakarty, two-story flats, 1206 Milton Ave.; cost, \$4,000.
F. Schneider, 2 three-story flats, 4221-4223 Union Ave.; cost, \$9,000.
Gott Melsch, three-story flats, 35 Snell St.; cost, \$4,200.
William Specht, two-story flats, 18 Commercial St.; cost, \$3,400.
H. Anderson, three-story flats, 748 North Rockwell St.; cost, \$6,000.
L. Schroeder, three-story flats, 115 Brown St.; cost, \$5,500.
Frank Belmeyer, two-story flats, 835 Perry St.; cost, \$3,000.
John Nelson, two-story flats, 2762 Paulina St.; cost, \$5,000.
W. H. Worth, two-story flats, 1064 Central Park Ave.; cost, \$4,500.
Frank Regner, three-story flats, 538 North Franciscano St.; cost, \$4,000.
William Tennant, three-story flats, 4400 Champlain Ave.; cost, \$5,000.
C. A. Freedlund, three-story flats, 61 West Erie St.; cost, \$6,000.
Joseph Kroopuk, two-story flats, 2850 Keeley St.; cost, \$3,000.
John Mehren, two-story flats, 540 Bishop St.; cost, \$3,100.
S. E. Orr, 2 two-story flats, 2231-2233 Hoard St.; cost, \$3,600.
Francis Foley, three-story flats, 524 Hastings St.; cost, \$3,500.
G. M. Ennik, 4 two-story flats, 7607-7615 Cottage Grove Ave.; cost, \$7,000.
C. F. Fairbank, 6 three-story flats, 899-909 Sixty-first St. and 6052 Rhodes Ave.
Frank Krasnicko, four-story flats, 795 South Ashland Ave.; cost, \$8,000.
N. Gore, 2 three-story flats, 5827-5829 Indiana Ave.; cost, \$10,000.
J. Bunting, 2 three-story flats, 1479-1481 Lexington Ave.; cost, \$10,000.
James Carmack, 2 three-story flats, 4534-4563 Forestville Ave.; cost, \$19,000.
J. A. Hoffman, two-story flats, 831 Leland Ave.; cost, \$8,000.
L. E. Crandall, 3 three-story flats, 7000 Madison Ave.; cost, \$14,000.
John Peterson, two-story flats, 45 Bismarck Ave.; cost, \$5,000.
Aug. Wendt, three-story flats, 102 Bissell St.; cost, \$3,000.
S. T. Zulpher, three-story flats, 4138 Prairie Ave.; cost, \$9,000.
Charles Smith, three-story flats, 9711 Avenue J; cost, \$3,200.
Henry Smith, two-story flats, 6140 Throop St.; cost, \$3,000.
J. J. Carlson, 2 three-story flats, 5909-5911 Halsted St.; cost, \$10,000.
J. B. Moulton, two-story flats, 1101 Trumbull Ave.; cost, \$3,000.

New York, N. Y.—Henry St., Nos. 131-133, 2 five-story brick flats, tin roofs; cost, \$22,000; owners, Fay & Stacom, 337 Pleasant Ave.; architect, Charles Kentz, 153 Fourth Ave.
Madison St., No. 95, five-story brick flat, tin roof; cost, \$20,000; owners, Sevestie & Cusack, 206 President St., Brooklyn; architect, A. Sevestie, 61 East One Hundred and Twenty-fifth St.
St. Nicholas Ave., e s, 489' s One Hundred and Thirty-third St., 3 five-story brick flats, tin roofs; cost, \$85,000; owner, John C. Barth, 104 West Eighty-third St.; architect, Edward Wenz, 1491 Third Ave.
Brook Ave., s w cor. One Hundred and Fifth St., 5 five-story brick flats, tin roofs; cost, \$110,000; owner, John Hannon, 65 East One Hundred and Twenty-third St.; architect, John C. Burne, 101 West Forty-second St.
Second Ave., s w cor. One Hundred and Twenty-first St., five-story brick flat, tin roof; cost, \$23,000; owner, John Schreiner, 104 West One Hundred and Twenty-third St.; architect, John Hauser, 1441 Third Ave.
Second Ave., s w cor. One Hundred and Twenty-first St., 4 five-story brick flats, tin roofs; cost, \$76,000; owner, John Schreiner, 104 West Twenty-third St.; architect, John Hauser, 1441 Third Ave.
Worcester, Mass.—Laurel St., five-story brick apartment and store block; owners, Swedish Mercantile Operative Co.; architects, Barker & Nourse; contracts not let.

CHURCHES.

Brooklyn, N. Y.—Atlantic Ave., n s, 150' e Bond St., two-story brick church, slate roof; cost, \$25,000;

owner, Swedish Pilgrim Church; architects, L. B. Valk & Son, Johnston Building.

Gadsden, Ala.—The Baptists will build a church, to cost about \$15,000.

Pavonia, Camden Co., Pa.—Roman Catholic church will be built by Rev. Father Alphonsus of the Roman Catholic Church of St. Peter and St. Paul.

Philadelphia, Pa.—Butler and Broad Sts., St. Stephen's Roman Catholic Church, brownstone, Gothic style; architect, Frank R. Watson, 528 Walnut St.

Tioga and Broad Sts., stone Protestant-Episcopal Church of the Resurrection, slate roof; architect, Frank R. Watson, 518 Walnut St.

Reading, Berks Co., Pa.—Church for the First Baptist Church; builder, L. H. Focht.

Selma, Ala.—Church, to cost about \$35,000, will be built by the members of Broad St. Presbyterian Church.

FACTORIES.

Baltimore, Md.—Wm. H. Weaver will build two-story brick canning-factory, s e cor. Heath St. and Popwalk Lane.

Brooklyn, N. Y.—Wyckoff St., No. 265, four-story brick factory, felt, tar and gravel roof; cost, \$4,100; owner and architect, J. D. Williams, 289 Wyckoff St.

Douglas St., n s, 95' e Third Ave., two-story brick factory, gravel roof; cost, \$5,000; owner and builder, Thos. Donlon, on premises; architect, C. F. Eisenach, 59 Court St.

Classon Ave., w s, 75' n Park Ave., four-story brick factory, gravel roof; cost, \$5,000; owner and builder, Francis E. Frith, 122 Classon Ave.; architect, H. Glover, 186 Kemslen St.

Chicago, Ill.—Albert Friedley, four-story factory, 194-196 Mather St.; cost, \$10,000.
R. G. Schmidt, four-story factory, 33-33 Ontario St.; cost, \$20,000.

Cincinnati, O.—John Dewald, two-and-one-half-story brick and stone factory, s e cor. Bogen St.; cost, \$4,000; architect, Wm. Fisher.

New York, N. Y.—Eldridge St., n w cor. Rivington St., six-story brick factory, tin roof; cost, \$12,000; owners, McCool & Miller, 1856 Lexington Ave.; architect, Walter H. C. Hornum, 181 East One Hundred and Twenty-first St.
Water St., n e cor. Market Slip, seven-story brick factory, tin roof; cost, \$45,000; owner, David Cohen, 36 Pike St.; architects, Herter Bros., 191 Broadway.
Ninety-eighth St., s s, 150' w First Ave., three-story brick factory, tin roof; cost, \$75,000; owner, Francis A. Clark, 165 East Ninety-fifth St.; architect, Edward Wenz, 1491 Third Ave.

HOTELS.

Brooklyn, N. Y.—Plaza St., n w cor. Flatbush Ave., seven-story brick hotel, tin roof; cost, \$300,000; owner, C. D. Burwell, 53 South Oxford St.

Eight Ave., St. John's Pl. and Flatbush Ave., seven-story brick hotel, tin roof; cost, \$600,000; owner, Chas. D. Burwell, 53 South Oxford St.

Chicago, Ill.—Columbian Visitors' Association, 3 three-story hotels, 95 Seventy-third St.; cost, \$13,000.

HOUSES.

Baltimore, Md.—Frank Herbert, 22 two-story brick buildings, e s Washington St., bet. Madison and Chew Sts.

Boston, Mass.—Lauriat Ave., cor. Lyons St., Ward 24, two frame dwellings, 24' x 43'; owners and builders, Bernard & Hopey.

Smith St., near Whitney St., Ward 22, three-story frame dwell., flat roof, 23.4' x 38'; owner, Jas. Harrigan.

Atherton St., near Copley St., Ward 23, frame dwell., 28' x 49'; owner, Francis King; builders, Richardson & Rafter.

Alpine St., near Regent St., Ward 21, three-story frame dwell., flat roof, 22' x 40'; owner, P. F. Lonergan; builder, W. C. Chapman.

Wallace Park, off Bourne St., Ward 23, frame dwell., 21' x 26'; owner and builder, J. A. Wallace.

Aldrich St., near Newbury St., Ward 23, frame dwell., 24' x 32.4'; owner, G. A. Sullivan; builder, G. S. Bell.

Draper St., near Westville St., Ward 24, frame dwell., 22' x 40.6'; owner, H. C. Towle; builder, W. Riley.

Harlow St., near Folsom St., Ward 20, three-story frame dwell., flat roof, 24' x 50'; owner and builder, Robert Black.

Strathmore St., near Englewood Ave., Ward 25, three-story frame dwell., gambrel roof, 36' x 54'; owner, Chas. Clements; builder, H. H. Hunt.

Wrentham St., near Ashmont St., Ward 24, frame dwell., 26.6' x 35'; owner, Emma M. Pond; builder, G. Driscoll.

Armandine St., near Milton Ave., Ward 24, three-story frame dwell., flat roof, 25' x 41'; owner, C. L. Ferrin; builder, D. G. Gillis.

Bourne St., near Spruce St., Ward 23, frame dwell., 28' x 26'; owner and builder, James A. Wallace.

Pond St., cor. Orchard St., Ward 23, frame dwell., hip roof, 50' x 55'; owner, C. S. Gill; builder, Chas. Haley.

Maywood St., No. 13, Ward 21, three-story frame dwell., 24' x 51'; owner and builder, W. Donaldson.

Howell St., near Boston St. and cor. Dorchester Ave., Ward 15, 4 three-story frame dwellings, flat roofs, 22' x 48', 36.6' x 41.6'; owner and builder, Matthew Tierney.

Howard Ave., near Dalmatia St., Ward 20, 2 three-story frame dwellings, hip roofs, 44' x 51'; owner, James Devine; builder, R. D. Wood.

Wren St., near Rutledge St., Ward 23, frame dwell., 26' x 39.6'; owner, Mrs. E. M. Atwood.

Meridian St., cor. West Eagle St., Ward 1, three-story frame dwell., flat roof, 26' x 59'; owner, A. E. Wright; builder, Wilbur Goodwin.

Wheatland Ave., near Kelton St., Ward 24, frame dwell., 25' x 30.6'; owner and builder, G. L. Davidson.

Humboldt Ave., cor. Hammerton St., Ward 21, frame dwell., hip roof, 36.2' x 48'; owner, Joseph Stone; builders, Oursch & Rich.

Moore St., near Saratoga St., Ward 1, frame dwell., 22' x 39'; owner, Elizabeth Galloupe; builder, E. J. Turner.

Falcon St., No. 150, Ward 1, frame dwell., 21' x 44'; owner, G. F. Sweeney; builder, D. D. Fish.

Lamartine St., opp. Lamartine Pl., Ward 23, three-story frame dwell., flat roof, 35' x 61'; owner, L. L. P. Atwood, trustee; builder, D. McNeely.

Rosindale Ave., near Alder St., Ward 23, frame dwell., 26' x 27'; owner and builder, T. E. Harvey.

Bowdoin Ave., near Bowdoin St., Ward 24, frame dwell., 25' x 60'; owner, J. P. Dinard; builder, S. H. Johnson.

Amory St., near School St., Ward 23, 4 three-st'y frame dwells., 26' x 54'; owner and builder, J. W. Priesing.

Bower St., No. 32, rear, Ward 21, three-st'y frame dwell., flat roof, 22' x 40'; owners and builders, W. W. & F. A. Donnelly.

Washington St., near Boylston St., Ward 23, one-st'y brick dwell., flat roof, 7' x 32'; owner, B. Norwich; builder, E. R. Fernald.

Thorndike St., Nos. 40-48, Ward 20, 5 three-st'y brick dwells., flat roofs, 19' x 30'; owner, E. W. Dodge; builders, G. M. Fernald & Son.

Beacon St., Nos. 854 to 860, Ward 22, 4 four-st'y brick dwells., flat roofs, 22.6' x 55'; owners, G. Wheatland and W. D. Vinal; builder, W. D. Vinal.

Rossiter St., near opp. Olney St., Ward 24, frame dwell., 24' x 52'; owner and builder, G. D. Grant.

Coleridge St., near Byron St., Ward 1, two frame dwells., flat roofs, 21' x 36'; owner and builder, Thomas Newby.

Jones Ave., near Ballow St., Ward 24, frame dwell., 22' x 32'; owner and builder, J. E. Hiller.

Waldeck St., near opp. Stratford St., Ward 24, four frame dwells., two pitch roofs and two gambrel roofs, 24' x 34', 25.2' x 41.6'; owner and builder, A. L. Jewell.

Sydney St., near Savin Hill Ave., Ward 24, two frame dwells., one hip and one pitch roof, 24' x 30'; owner and builder, J. H. Beale.

Savin Hill Ave., near Robinson's Court, Ward 24, frame dwell., 22' x 44'; owner and builder, Isaac Schurman.

Sydney St., near Savin Hill Ave., Ward 24, frame dwell., hip roof, 24' x 30'; owner and builder, J. H. Beale.

Ballow St., near Jones Ave., Ward 24, frame dwell., 22' x 32'; owner and builder, J. E. Hiller.

Nightingale St., near Talbot Ave., Ward 24, frame dwell., 24' x 44'; owner, A. G. Shuttleworth; builder, R. H. Arnold.

Waldeck St., near Park St., Ward 24, frame dwell., gambrel roof, 25.2' x 41.6'; owner and builder, A. L. Jewell.

Jones Ave., near Ballow St., Ward 24, frame dwell., 22' x 32'; owner and builder, J. E. Wilbur.

Atlantic St., Nos. 14-16, Ward 15, 2 three-st'y frame dwells., flat roofs, 24' x 48'; owner and builder, John Bass.

East Eighth St., No. 376, cor. Ninth St., Ward 15, 2 three-st'y frame dwells., flat roofs, 18' x 48'; owner, R. B. Lenchards; builder, John Bass.

Glendale St., near Columbia St., Ward 20, three frame dwells., 26' x 38'; owner, S. B. Pierce; builder, W. J. Jobling.

Hillside St., near Calumet St., Ward 22, three-st'y frame dwells., flat roofs, 18' x 48'; owner, J. J. Ochs; builder, W. Tobin.

Schiller St., near Heath St., Ward 22, three-st'y frame dwell., flat roof, 26' x 50'; owner, Frederick Lohr; builder, C. Lemmler.

Washington St., cor. Stinson St., Ward 23, frame dwell., 26' x 26'; owner, Andrew Galver; builder, M. Smith.

East Seventh St., No. 541, Ward 14, three-st'y frame dwell., flat roof, 23.5' x 49'; owner, Henry Hewes; builders, Smith, McKenzie & Co.



A Popular and Ornamental Roof.

THERE are at the present time few first-class buildings being erected that do not have one or more towers upon them, and no feature of the modern building adds more to its architectural beauty than a graceful and well-proportioned tower. Yet in their construction a difficult problem has invariably arisen as to a suitable covering—especially for conical towers, for which there has been nothing in the market adaptable, the only available covering being wood shingles, which split when drawn to the convex form of the tower. Slate from the same cause will break, and metal shingles of forms designed for straight roofing, involving a waste of just fifty per cent of materials in fitting to cones and a greater waste of time in putting on, as after the first course each succeeding one has to be reduced in size, and practically made over by the roofer.

MESSRS. MERCHANT & Co., the well-known Tinplate Manufacturers and Importers, have recently put upon the market a Graduated Tile, which is a valuable addition to their regular "Spanish" Metal Tile, and which is adapted for covering all conical towers, circular roofs, turrets, domes, etc., being so graduated in size and form as to fit almost any radius. This Tile is manufactured in copper, steel or tin, the latter being painted in imitation of the red clay tile. As tower roofs are always the most difficult portions of a building to get at to repair or repaint, they should be covered with that which will never require either. Copper, therefore, is the only material that will meet these conditions, being indestructible and becomes richer in appearance with age.

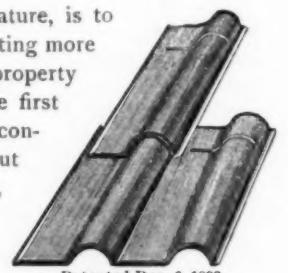
An important feature in connection with this Tile, both in the regular "Spanish" pattern and the Graduated, is the lock which is so constructed that the water cannot enter them, but is carried from the lock instead of to it. In this feature these Tiles are superior to others, and being of the "Spanish" pattern, they present much the richest appearance, and have been the most desired form through past ages, and are most sought after to-day by those who admire the "artistic."

The prime object of the manufacturer of this Tile, aside from the ornamental feature, is to encourage the use of a more substantial material for roofing, viz: Copper, which while costing more than any other metal adapted for roofing, has lasting qualities so far superior that the property owner will have the assurance, in using same, that a second roof will never be required, the first cost being the only one. Besides, there is a value in Copper which should be taken into consideration when comparing the relative costs of materials, which is not found in others, but the difference in cost is overcome in the end and a saving to the property owner is assured, as the expense of repairs, as always shown by all past experience with roofing material, whether of metal or clay, is entirely obviated by the use of copper, particularly in the form of these tiles, which are so constructed as to make the best possible allowance for contraction and expansion caused by changes of temperature.

Terra-cotta tiles present several objectional features. They are burdensome, and their enormous weight makes it necessary to proportionately strengthen the entire superstructure at an additional cost over that intended for a metal roof, and it is a well-known fact that the clay tiles are easily broken, not only in laying but they become detached on the roof, thereby causing much annoyance and frequent damage from leaks, etc. To repair such a roof necessitates the removal of the entire roof, at an enormous expense.

The MERCHANT & Co.'s Metal "Spanish" Tile has been specified by leading Architects throughout the United States both for private and public buildings. Numerous buildings at the World's Fair have been covered with this Tile, prominent among which might be mentioned the Colorado, Minnesota and Missouri State Buildings. This Tile is also in use on the new City Hall, Tacoma, Wash., and the Chamber of Commerce Building, Portland, Oregon; also the new Princeton (N. J.) Inn, a beautiful building, the roof of which is almost entirely covered with copper tile, and presents a very rich appearance. In fact it is safe to say that these Metallic Tiles made from a fine grade of Cold-Rolled Copper will not only make a handsome roof, possessing all the characteristic forms and features of the clay tile in beauty, but will make an absolute water-tight and durable roof, with none of the objectionable features of the clay tile.

The Graduated Metal Tile is destined to fill a long-felt want and, being made to conform to all circular towers, and easily applied, will be a saving of material and labor, thus avoiding the usual waste of material experienced in laying straight tile designed for ordinary work. In other words, with this graduated tile the manufacturing will be done at the factory, and not by the roofer on the building.



DYCKERHOFF **PORTLAND CEMENT**

Is superior to any other Portland Cement made. It is very finely ground, always uniform and reliable, and of such extraordinary strength that it will permit the addition of 25 per cent more sand, etc., than other well-known brands, and produce the most durable work. It is therefore the most economical to use. 8,000 barrels have been used in the foundations of the Statue of Liberty. Architects and those interested in Portland Cement will please send for my pamphlet, which will be mailed free on application. It contains valuable directions for the employment of Portland Cement, a table of results of the strength of the Dyckerhoff Cement when mixed with sand and broken stone in various proportions, together with tests and testimonials of eminent Engineers, Architects and Consumers.

E. THIELE, 78 William St., New York.
SOLE AGENT FOR THE UNITED STATES.

Lanark St., near Windsor St., Ward 25, three-sty frame dwell., tin roof, 41.2' x 46'; owner, J. Frost; builder, Christopher Leake.

Goldsmith St., near Custer St., Ward 23, 2 three-sty frame dwell., tin roofs, 22.6' x 48'; owners, J. J. Hines and P. J. Murphy; builder, W. Tobin.

Turner St., Nos. 8-26, Ward 22, 10 three-sty brick dwell., tin roofs, 20' x 40', and 22.9' x 40'; owner, J. P. Webber; builders, S. J. Wilder and C. J. Lord.

West Park St., cor. Westcott St., Ward 24, two frame dwell., 26' x 27', and 24' x 31'; owner, A. A. Wescott; builder, J. H. Hutchins.

Morris St., near Brooks St., Ward 1, frame dwell., tin roof, 22' x 52'; owner, J. H. Flynn; builder, J. McInnis.

Woodward St., Nos. 23-25, Ward 15, 2 three-sty frame dwell., tin roofs, 21' x 42'; owners, The Investors Alliance.

Dudley St., Nos. 179-179A, Ward 21, 2 three-sty frame dwell., tin roofs, 19.9' x 61', and 20.3' x 61'; owner, J. G. Haynes; builder, G. W. Pope.

Walter St., cor. Knoll St., Ward 23, frame dwell., 24' x 44'; owner, Joseph Halstvik; builder, J. H. Holmes.

Brooklyn, N. Y.—*Herkimer St., n s, 261' e Stone Ave., two-sty frame dwell., tin roof; cost, \$3,400; owner and builder, Thos. Donahue, on premises; architect, Wm. J. Ryan.*

Herkimer St., n s, 302' e Stone Ave., two-sty frame dwell., tin roof; cost, \$5,000; owner and builder, Thos. Donahue, on premises; architect, Wm. J. Ryan, on premises.

Watkins St., e s, 150' n Sutter Ave., three-sty frame dwell., tin roof; cost, \$7,000; owners, Ellwen & Burand, Watkins St., near New Lots Road.

Cleveland St., e s, 200' s Ridgewood Ave., 4 two-sty frame dwell., tin roofs; total cost, \$11,000; owner and builder, A. Wagner, Atlantic and Van Sien Ave.; architect, Wm. Danmar.

North Sixth St., n s, 175' n Roebling St., four-sty frame dwell., tin roof; cost, \$7,500; owner, Bridget Costello, 207 North Sixth St.; architect, Th. Engelhardt, 905 Broadway.

Columbia St., e s, 63' n Ninth St., three-sty brick dwell., tin roof; cost, \$6,000; owner, Ellen Desmond, 449 Columbia St.; architect, F. E. Corwith, 139 Third St., Long Island City.

Park Ave., n s, 23' e Nostrand Ave., four-sty brick dwell., tin roof; cost, \$9,000; owner, Kate Acor, Jefferson Ave.; architect, J. L. Stevens, 637 Monroe St.

Second St., s s, 80' e Seventh Ave., 11 three-sty brick dwell., tin roofs; cost, \$110,000; owner, Henry S. Wood; architect, E. C. Ranson, 136 Remsen St.

Eighth Ave., n w cor. Tenth St., 5 four-sty brick dwell., tin roofs; cost, \$10,000 each; owner, Henry Thompson, 490 Fifth Ave.; architect, J. D. Reynolds.

Hancock St., n s, 22' n Nostrand Ave., 4 three-sty brick dwell., tin roofs; total cost, \$10,000; owner, W. H. Reynolds, Franklin Trust Building; architect, M. Dahlander, Franklin Building.

Lexington Ave., n s, 180' n Reid Ave., 5 two-sty frame dwell., tin roofs; cost, \$3,000 each; owner, John T. Hunter, 206 South Ninth St.; architect, H. Vollweiler, 483 Hart St.

Spencer St., e s, 24' s De Kalb Ave., and Spencer St., w s, 24' s De Kalb Ave., 12 four-sty brick dwell., tin roofs; total cost, \$186,000; owners and builders, Doenecke Bros., 134 South Ninth St.; architect, Frank Holmberg, 1169 Broadway.

De Kalb Ave., s s, 90' e Spencer St., and De Kalb Ave., n s, 90' e Spencer St., 4 four-sty brick dwell., tin roofs; total cost, \$64,000; owners and builders, Doenecke Bros., 134 South Ninth St.; architect, F. Holmberg, 1169 Broadway.

Spencer St., n e cor. Kosciusko St., and Spencer St., w cor. Kosciusko St., 2 four-sty brick dwell., tin roofs; cost, \$36,000; owners and builders, Doenecke Bros., 134 South Ninth St.; architect, F. Holmberg, 1169 Broadway.

Warren St., n s, 75' e Nevins St., four-sty brick dwell., tin roof; cost, \$6,000; owner, Jas. McGarry, on premises; architect, Robert Dixon, 219 Montague St.

Snediker Ave., n w cor. Glenmore Ave., 6 two-sty frame dwell., tin roofs; cost, \$2,000 each; owners and builders, Gemitz Bros., 15 Seigel St.; architect, Hugo Smith, 10 Moore St.

Moffett St., s s, 20' n Evergreen Ave., 2 three-sty frame dwell., tin roofs; cost, \$4,500 each; owners, architects and builders, G. Fletcher & Son, 38 Grove St.

Willoughby Ave., s s, 150' e Central Ave., four-sty frame dwell., tin roof; cost, \$4,500; owner and builder, H. Schultz, 1053 Willoughby Ave.; architect, H. Vollweiler, 483 Hart St.

Fifty-seventh St., n s, 300' n Fifth Ave., 5 two-and-one-half-sty frame dwell., tin roofs; cost, \$2,500 each; owner and architect, R. W. Firth, Arbuckle Building.

Woodbine St., n s, 250' e Central Ave., and Hendrix St., e s, 275' s Fulton St., 2 three-sty frame dwell., tin roofs; cost, \$4,000 each; owner and builder, J. Meehan, 1300 Bushwick Ave.; architect, H. Vollweiler, 483 Hart St.

Schaefer St., n s, 300' e Evergreen Ave., 7 three-sty frame dwell., tin roofs; cost, \$3,800 each; owner, Johanna Frochnow, 76 South Tenth St.; architect, H. Vollweiler, 483 Hart St.

Van Voorhis St., w s, 200' n Central Ave., 6 two-sty frame dwell., tin roofs; cost, \$3,000 each; owner and builder, Ph. Morland, 3220 Pacific St.; architect, A. J. Warren, 2581 Atlantic Ave.

Jefferson Ave., n s, 20' e Central Ave., 4 two-sty frame dwell., tin roofs; cost, \$2,800 each; owner, architect and builder, C. D. Hommel, 41 Woodbine St.

Pacific St., s s, 300' e Howard Ave., 5 two-sty frame dwell., tin roofs; cost, \$2,500 each; owner, architect and builder, J. F. Kantana, 2064 Pacific St.

Herbert St., s s, 125' e Humboldt St., three-sty frame dwell., tin roof; cost, \$6,000; owner, M. Cassidy, 52 Herbert St.; architect, A. Herbert, 147 Broadway.

Garfield Pl., 90' e Sixth Ave., 5 four-sty brick dwell., tin roofs; total cost, \$60,000; owner and builder, Peter Kelley, 357 First St.; architect, H. W. Billard, Jefferson Building.

First St., n s, 300' n Fifth Ave., four-sty brick dwell., felt and gravel roof; cost, \$7,900; owner and builder, G. R. Barteaux, 420 Fourth St.; architect, F. B. Langston, 1239 Bedford Ave.

Macon St., n s, 300' e Nostrand Ave., 3 three-sty dwell., tin roofs; cost, \$8,000 each; owner and builder, S. C. Whitehead, 368 Putnam Ave.; architects, L. D. Reynolds & Son, 363 Fulton St.

Forty-ninth St., n s, 100' e Fourth Ave., 7 two-sty brick dwell., tin roofs; cost, \$4,000 each; owner, W. R. Rogers, 291 Fortyninth St.

Putnam Ave., s s, 175' n Reid Ave., 8 two-and-one-half-sty brick dwell., tin roofs; cost, \$5,000 each; owner and architect, W. Burr, 680 Halsey St.

Patches Ave., e s, 20' s Putnam Ave., 4 two-sty brick dwell., gravel roofs; cost, \$6,000 each; owner, J. H. Lewis, 1580 Pacific St.; architect, C. D. Ferry, 1588A Pacific St.

Stuyvesant Ave., n e cor. Decatur St., six-sty brick dwell., tin and tile roof; cost, \$50,000; owner and builder, J. A. Lawrence, 275 Decatur St.; architect, C. F. Gaylor, 321 Decatur St.

Herkimer St., No. 77, four-sty brick dwell., tin roof; cost, \$10,000; owner, T. D. Carpenter, 75 Herkimer St.; architect, J. W. Davison, New York City.

Sixteenth St., n s, 122' 101' e Tenth Ave., two-sty brick dwell., tin roof; cost, \$4,500; owners, J. H. and G. H. Rath, 334 Third Ave.; architect, P. Bonariet, 450 Eighth Ave.

Ten Eyck St., n s, 150' e Ewen St., four-sty frame dwell., tin roof; cost, \$6,000; owner, J. Bender, 133 Ten Eyck St.; architect, W. B. Willis, 504 Hart St.

Bushwick Ave., w s, 40' s Cornelia St., 2 four-sty frame dwell., tin roofs; cost, \$9,000 each; owner, architect and builder, J. Frisse, 19 Ten Eyck St.

Ewen St., w s, 75' n Conelyea St., 2 four-sty frame dwell., tin roofs; cost, \$5,000 each; owner, W. Wehmoefer, Ewen St.; architect, F. J. Berlenbach, Jr., 280 Graham Ave.

Jerome St., w s, 100' e Sutter Ave., 3 two-sty frame dwell., tin roofs; cost, \$1,800 each; owner and builder, C. Reckee, Sebenek Ave. and Eastern Parkway; architect, C. Infanger, 126 Van Sien Ave.

Stockholm St., s s, 100' n Knickerbocker Ave., 8 three-sty frame dwell., tin roofs; cost, \$4,200 each; owners and builders, Clements & Eller, 176 Stockholm St.; architects, D. Acker & Son, 752 Broadway.

Woodbine St., n s, 275' e Central Ave., three-sty frame dwell., tin roof; cost, \$4,000; owner and builder, J. Meehan, 1300 Bushwick Ave.; architect, H. Vollweiler, 483 Hart St.

Wyckoff Ave., e s, 80' s Bleeker St., three-sty frame dwell., tin roof; cost, \$4,000; owner, architect and builder, C. Mond, 1631 De Kalb Ave.

Leonard St., w s, 190' n Norman Ave., 3 three-sty frame dwell., gravel roofs; cost, \$3,500 each; owners, McNeil and McLaughlin, 17 Franklin St.; architect, P. Tilton, 209 Manhattan Ave.

Stanhope St., s s, 150' n St. Nicholas Ave., 3 two-sty frame dwell., tin roofs; cost, \$3,000 each; owner and builder, N. Lynch, Stanhope St.; architect, E. Dennis, 115 Himrod St.

Central Pl., n w cor. Grove St., 6 three-sty frame dwell., tin roofs; total cost, \$25,000; owner, R. L. Moores, 1460 Broadway; architect, E. Dennis, 115 Himrod St.

Hull St., s s, 225' e Bushwick Ave., 3 two-sty frame dwell., tin roofs; cost, \$2,700 each; owner, P. Lenhart, 1845 Broadway; architect, A. H. McGeehan, 2581 Atlantic Ave.

Hull St., s s, 125' e Bushwick Ave., 4 two-sty frame dwell., tin roofs; cost, \$2,700 each; owner,

P. Lenhart, 1845 Broadway; architect, A. H. McGeehan, 2581 Atlantic Ave.

Grant Ave., w s, 140' s Adams Ave., 2 two-sty frame dwell., gravel roofs; cost, \$3,000 each; owner, architect and builder, H. A. Pernichief, 571 Gates Ave.

Decatur St., s s, 20' n Broadway, 12 two-sty brick dwell., tin roofs; cost, \$5,000 each; owner and builder, Robert L. Moores, 1460 Broadway; architect, E. Dennis, 115 Himrod St.

Forty-eighth St., n s, 180' n Fifth Ave., 2 two-and-one-half-sty brick dwell., tin roofs; cost, \$3,500 each; owners, Craig Bros., 306 Forty-eighth St.; architect, Geo. Walkinshaw, 153 Fortieth St.

Fourteenth St., s s, 182' 101' e Eighth Ave., three-sty brick dwell., tin roof; cost, \$4,500; owner, Agnes Morgan, 468 Eleventh St.; architect and builder, George Morgan, 415 Sixteenth St.

Ninth Ave., n w cor. Seventh St., 5 three-sty brick dwell., tin roofs; cost, \$40,000; owner, Chas. Peterson, 603 Seventh St.; architect, M. Dahlander, Franklin Building.

Osborne St., w s, 200' n Blake Ave., three-sty frame dwell., tin roof; cost, \$5,000; owner, E. Goodman; architect, L. Dananher, 31 Watkins St.

Bleeker St., n s, 400' e Evergreen Ave., 3 three-sty frame dwell., tin roofs; cost, \$4,300 each; owner, F. Roeder, 79 Bleeker St.; architect, E. Schrempf, 534 Bushwick Ave.

Gates Ave., n s, 100' e Hamburg Ave., 14 three-sty frame dwell., tin roofs; cost, \$4,400 each; owner and builder, George Straub, 809 Willoughby Ave.; architect, Th. Engelhardt, 905 Broadway.

Hendrix St., w s, 100' s Fulton St., and Hendrix St., w s, 125' s Fulton St., 7 two-sty frame dwell., tin roofs; total cost, \$20,000; owner, H. Bavendam, Fulton and Hendrix Sts.; architect, Wm. Danmar, Atlantic and Van Sien Ave.

Cleveland St., w s, 175' s Fulton Ave., three-sty frame dwell., tin roof; cost, \$6,800; owner, F. G. Hall, 247 Cleveland St.; architect, P. Bierschenk, 175 Greene St.

STABLES.

Chicago, Ill.—F. R. Ullery, two-sty stable, Forty-sixth St. and Woodlawn Ave.; cost, \$8,000.

Oak Lane, Pa.—Stable; owner, T. M. Delauney.

Red Bank, Monmouth Co., N. J.—Elkwood Park, six stables; builder, C. V. N. Wilson.

Somerville, Mass.—*Pearl St., rear, No. 241, frame stable, 20' x 32'; owner, M. Driscoll.*

Lake St., frame stable, 18' x 20'; owner, E. I. Everton; builder, Mr. Elsie.

Fiske Ave., No. 14, frame stable, 14' x 20'; owner, Joseph Salloway; builder, Peter Leroux.

Albion St., frame stable, 20' x 20'; owner and builder, Frank Gould.

St. Louis, Mo.—Two-sty livery stable, Cherokee St. and Jefferson Ave.; cost, \$7,000; owner, Paul Bual; builder, I. Schenk.

Worcester, Mass.—*Coburn Ave., one-sty frame stable; owner, W. H. Hayden; day work.*

Cross St., one-sty frame stable; owner, J. Keegan; contractor, J. Cahill.

Pond St., one-sty frame stable; owner, J. S. Soly; contractors, Bellale & Maynard.

June St., one-sty frame stable; owner, E. E. Flske; contractor, W. B. Richardson.

June St., one-sty frame stable; owner and contractor, W. B. Richardson.

STORES.

Boston, Mass.—*Lincoln St., Nos. 106-114, and Utica St., Ward 12, six-sty brick store, flat roof, 61.8' x 68'; owner, R. Codman, treasurer; builders, Woodbury & Leighton.*

Summer St., Nos. 169-173, Ward 12, five-sty brick and stone stores, flat roofs, 46' x 85'; owner, S. S. Constandt Estate; builder, James Smith.

Freeport St., No. 57, Ward 21, one-sty frame store, flat roof, 17' x 20.4'; owner, Joanna Corcoran; builder, G. A. Hamilton.

Brooklyn, N. Y.—*Classon Ave., e s, 60' s Lexington Ave., two-sty brick store and dancing academy, tin roof; cost, \$10,000; owner, Orange Co. Milk Association, 146 West Twenty-fifth St., New York City; architect, J. E. Terhune, 49 Liberty St., New York City.*

Myrtle Ave., s s, 160' n Tompkins Ave., 4 four-sty brick stores and dwell., tin roofs; cost, \$6,000; owner, Walter E. Davis, 303 Washington Ave.; architect, John H. Erickson, Richmond St. and Etna Ave.

De Kalb Ave., s e cor. Spencer St., one; and Bedford Ave., n e cor. Kosciusko St., one; four-sty brick stores and dwell., tin roofs; total cost, \$45,000; owners, Doenecke Bros., 134 South Ninth St.

Bedford Ave., s e cor. Kosciusko St., four-sty brick store and dwell., tin roof; cost, \$16,000; owners, Doenecke Bros., 134 South Ninth St.

Bedford Ave., e s, 24' n Kosciuszko St., 14 four-st'y brick stores and dwell., tin roofs; cost, \$196,000; owners, Doenecke Bros., 134 South Ninth St.

Third Ave., n e cor. Forty-eighth St., four-st'y brick store and dwell., tin roof; cost, \$10,000; owner, D. Tracy, Third Ave. and Forty-eighth St.; architects, H. L. Spicer & Son, Third Ave. and Fifty-third St.

Henry St., n e cor. Church St., four-st'y brick store and dwell., tin roof; cost, \$37,000; owner, John Caulfield, 356 Hamilton Ave.; architects, H. L. Spicer & Son, Third Ave. and Fifty-third St.

Haven Pl., s e cor. Herkimer St., three-st'y frame store and dwell., pitch and gravel roof; cost, \$3,500; owner, S. E. Wenz, 2068 Bergen St.; architects and builders, H. Ramsey & Son, 2037 Bergen St.

Hamilton Ave., s s, opp. Sixteenth St., three-st'y frame store and dwell., tin roof; cost, \$3,000; owners, Nelson Bros., 502 Hamilton Ave.; architect, C. P. Itolelee, 196 Twenty-second St.

Driggs Ave., s s, 109' e Russell St., three-st'y frame store and dwell., tin roof; cost, \$1,500; owner, Michael Grob, on premises; architect, H. Vollweiler, 483 Hart St.

Myrtle Ave., s s, 85' 11" e Stockholm St., three-st'y frame store and dwell., tin roof; cost, \$4,000; owner, H. E. Bergmann, 62 Stockholm St.; architect, H. Vollweiler, 483 Hart St.

Atlantic Ave., n e cor. Nesta Ave., two-st'y brick store and dwell., tin roof; cost, \$5,000; owner, L. P. Luhrs, 77 Georgia Ave.; architect, Chas. Infanger, 126 Van Sien Ave.

Broadway, n e cor. Lawton St., four-st'y brick store, tin roof; cost, \$18,000; owner, G. S. Bealos, 841 Greene Ave.; architect, H. Vollweiler, 483 Hart St.

Broadway, n w cor. Rockaway Ave., four-st'y brick store and dwell., tin roof; cost, \$12,000; owner, Robt. L. Moores, 1450 Broadway; architect, E. Dennis, 115 Himrod St.

Irving Ave., s e cor. Ralph St., 4 three-st'y frame stores and dwell., tin roofs; cost, \$18,000; owners, Clements & Eller, 176 Stockholm St.; architects, D. Acker & Son, 752 Broadway.

Leonard St., n e cor. North Second St., three-st'y frame store and dwell., tin roof; cost, \$3,000; owner, D. Canty, 714 Grand St.; architect, F. J. Berlenbach, Jr., 260 Graham Ave.

Withers St., s w cor. Leonard St., three-st'y frame store and dwell., tin roof; cost, \$5,000; owner, Mr. Witte, on premises; architect, H. Vollweiler, 483 Hart St.

Pulmetto St., s s, 275' e Central Ave., three-st'y frame store and dwell., tin roof; cost, \$3,500; owner and builder, J. Mehan, 1300 Bushwick Ave.; architect, H. Vollweiler, 483 Hart St.

Bleeker St., n s, 209' w Central Ave., 2 three-st'y frame stores and dwell., tin roofs; cost, \$4,200 each; owner, J. Roehrig, 1223 Greene Ave.; architect, H. E. Funk, 200 Knickerbocker Ave.; builders, Metz & Roehrig.

Myrtle Ave., s s, 50' 2" e Hart St., 2 three-st'y frame stores and dwell., tin roofs; total cost, \$10,500; owner, Jos. Kane, Willoughby Ave.; architect, E. Dennis, 115 Himrod St.

Bushwick Ave., n e cor. Moore St., 4 four-st'y frame stores and dwell., tin roofs; cost, \$7,000 each; owner and builder, H. Roth, 1691 Myrtle Ave.; architect, Th. Engelhardt, 905 Broadway.

Flushing Ave., n e cor. Evergreen Ave., four-st'y frame store and dwell., tin roof; cost, \$7,500; owner and builder, H. Roth, 1691 Myrtle Ave.; architect, Th. Engelhardt, 905 Broadway.

Cook St., s e cor. Evergreen Ave., four-st'y frame store and dwell., tin roof; cost, \$7,500; owner and builder, Alois Lazansky, 224 Carleton Ave.; architect, Th. Engelhardt, 905 Broadway.

Sumpter St., s s, 275' e Saratoga Ave., 4 three-st'y frame stores and dwell., tin roofs; cost, \$4,500 each; owner, Thos. Burke, 140 Bond St.; architect, Chas. Infanger, 126 Van Sien Ave.

Faret St., n s, 391' 9" e Bushwick Ave., 2 four-st'y frame stores and dwell., tin roofs; cost, \$4,500 each; owner, P. H. Gottscheld, 68 Graham Ave.; architect, P. J. Berlenbach, Jr., 260 Graham Ave.

Flatbush Ave., opp. Eighth Ave., four-st'y brick store and dwell., gravel roof; cost, \$12,000; owner, H. Hawkes, 201 Prospect Pl.; architect, G. S. Morse, Eagle Building.

Eastern Parkway, s s, 25' w Osborne St., four-st'y brick store and dwell., tin roof; cost, \$7,000; owners, Levin & Gittelsohn, Osborne St.; architect, Wm. Danmar, Atlantic and Van Sien Aves.

Osborne St., s w cor. Eastern Parkway, four-st'y brick store and shop, tin roof; cost, \$12,500; owners, Levin & Gittelsohn, Osborne St.; architect, Wm. Danmar, Atlantic and Van Sien Aves.

Vanderbilt Ave., s e cor. Atlantic Ave., four-st'y brick store and dwell., tin roof; cost, \$6,500; owner, T. Kaur, on premises; architect, Robt. Dixon, 219 Montague St.

Atlantic Ave., s e cor. Alabama Ave., 2 three-st'y brick stores and dwell., tin roofs; cost, \$8,000; owner, J. W. Erreger, 2583 Atlantic Ave.; architect, A. J. Warren, 2581 Atlantic Ave.

Broadway, e s, from Weirfield and Halsey Sts., 8 four-st'y brick stores and dwell., tin roofs; total cost, \$80,000; owners and builders, Beer & Schaefer, 1124 Myrtle Ave.; architect, Th. Engelhardt, 905 Broadway.

Broadway, e s, 24' n Putnam Ave., three-st'y brick store and dwell., tin roof; cost, \$7,000; owner, A. M. Snyder, Woodbine and Evergreen Aves.; architects, J. D. Reynolds & Son, 363 Fulton St.

Knickerbocker Ave., n e cor. Jefferson St., three-st'y frame store and dwell., tin roof; cost, \$6,000; owners and builders, Walbeck & Ruthmann, 86 Knickerbocker Ave.; architect, Th. Engelhardt, 905 Broadway.

Camden, N. J.—*Knigh's Ave.*, Nos. 317-319, 2 three-st'y brick stores; owner, D. Trumbaur, Philadelphia, Pa.

Chicago, Ill.—*Lowenthal & Bradley*, two-st'y store, Tracy Ave. and Hilliard St.; cost, \$6,000.

Herman Ellert, two-st'y store and flats, 9001 Cottage Grove Ave.; cost, \$6,000.

A. E. Schaffner, 6 two-st'y store and flats, 124-128 Morgan St.; cost, \$8,000.

J. Bigelow, 2 one-st'y stores, 5801-5803 Cottage Grove Ave.; cost, \$3,000.

C. Iverson, two-st'y store and flats, Thirty-eighth St., near Piersen St.; cost, \$3,300.

John Meiner, two-st'y store and flats, 423 Fullerton Ave.; cost, \$3,000.

Frank Jagla, three-st'y store and flat, 717 Dickson St.; cost, \$6,000.

Joseph Austrian, one-st'y store, 6357-6359 Grace Ave.; cost, \$4,500.

Charles Steinbrecher, two-st'y store and flats, 703 West Huron St.; cost, \$3,000.

John Krueppel, two-st'y store and flats, 250 West Division St.; cost, \$9,000.

Jack Schwab, two-st'y store and flats, 6358 Leflin St.; cost, \$3,000.

F. J. Sanford, 2 two-st'y stores and flats, Washington St. and Centre Ave.; cost, \$4,000.

C. A. Thompson, one-st'y store, Cottage Grove Ave. and Sixty-first St.; cost, \$4,100.

C. J. Tyrrel, one-st'y store, 258-264 Sixty-third St.; cost, \$3,000.

Millville, N. J.—Plans for buff brick and stone store; for Charles Garrison; architect, Harold Godwin, 905 Walnut St., Philadelphia, Pa.

New York, N. Y.—*West Fourth St.*, Nos. 15-19, eight-st'y brick store, asphalt roof; cost, \$350,000; owner, L. Sachs Bros., 83 Spring St.; architect, R. Berger, 110 Leonard St.

West Broadway, No. 152, six-st'y brick store, gravel roof; cost, \$60,000; owners, F. W. Engs & Son, 131 Front St.; architects, Dehli & Chamberlin, 814 Broadway.

Philadelphia, Pa.—*Frankford Ave.*, No. 3502, one-st'y brick store; owner, Lewis J. Wolf, 3500 Frankford Ave.

Germantown Ave., e s, n Berks St., three-st'y brick store; builder, Stewart Bros., 2527 North Fifth St.

Market St., Nos. 1710-12, 2 four-st'y brick stores; builder, Jacob Myers, s e cor. Locust and Twelfth Sts.

Cherry St., s w cor. Fifth St., six-st'y buff brick store; architects, Hazeltine & Huckel, 910 Drexel Building.

St. Louis, Mo.—Two-st'y store and dwell., Olive St., n w s Grand Ave.; cost, \$15,000; owner, John Jaeger; builders, Goosse & Kennedy.

Two-st'y store and dwell., Twelfth St., near Clark Ave.; cost, \$6,500; owner, C. H. Turner; builder, J. Fitzgibbon.

TENEMENT-HOUSES.

Boston, Mass.—*Cooper St.*, No. 20, Ward 7, four-st'y brick tenement, flat roof, 21.3' x 54.9'; owner and builder, Joseph Rudwick.

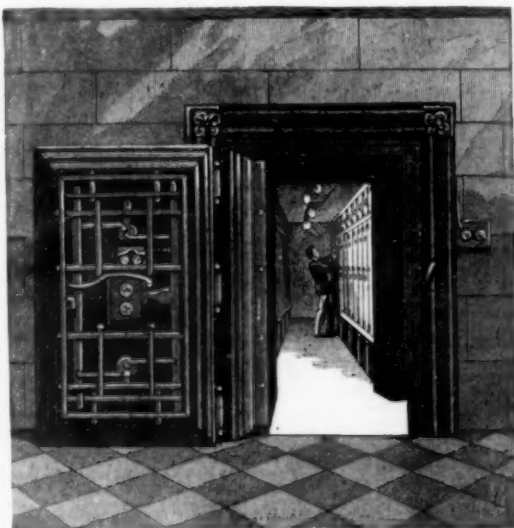
New York, N. Y.—*Twenty-third St.*, s e cor. Ninth Ave., five-st'y brick tenement, tin roof; cost, \$14,000; owner and architect, John Shady, 209 West One Hundred and Twenty-seventh St.

East Fifteenth St., n s, 138' w Third Ave., four-st'y brick tenement, tin roof; cost, \$14,000; owner, John Henneberger, 683 East One Hundred and Fifty-second St.; architect, Anthony F. A. Schmitt, 604 Courtland Ave.

Inwood Ave., w s, 25' n Gable Pl., three-st'y stone and frame tenement, tin roof; cost, \$6,000; owner,

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WAREHOUSES.

Baltimore, Md. — Wm. Depkin will build four-sty brick warehouse, s s Mercer St., adjoining s e cor. Grant St.

Boston, Mass. — Federal St., Nos. 207-221, Ward 12, 4 five-sty brick warehouses, flat roofs, 42.10' x 123'; 41' 6" x 135'; 41' 6" x 136'; 42.22' x 150'; owner, J. H. Hecht.

Brooklyn, N. Y. — Broadway, n e cor. Willoughby Ave., four-sty brick warehouse and store, tin roof; cost, \$100,000; owner, Simon Goldenberg, 29 East Seventy-second St., New York City; architect, A. Zurker, Lincoln Building, Union Square, New York City.

Wylhe Ave., s e cor. North Second St., four-sty brick storage warehouse, felt and gravel roof; cost, \$10,000; owners, Streeter & Dumsear, 490 Bedford Ave.; architect, Th. Engelhardt, 905 Broadway.

Macon, Ga. — The Macon Hardware Co. will build two-sty warehouse, to cost about \$15,000, from plans by D. B. Woodruff, architect.

Philadelphia, Pa. — Cherry St., No. 312, four-sty warehouse; owners, W. C. McPherson & Sons.

MISCELLANEOUS.

Baltimore, Md. — The Baltimore Traction Co. will build two-sty brick power-house, w s Charles St., bet. Conway and Barre Sts.

Camden, N. J. — Spruce St., No. 28, two-sty brick dye works; owner, Jas. Robb.

Chester, Delaware Co., Pa. — Plans have been prepared for a large brick and brownstone building; architect, Arthur G. Erdman.

Chicago, Ill. — R. D. Kelly, four shelter sheds, Edgerton Ave., near Sixtieth St.; cost, \$5,000. John Down, 3 two-sty tabernacle, office and rooms, 251-263 Sixty-third St.; cost, \$3,000.

Georgetown, Ky. — J. C. Kerr & Co. will build three-sty brick and stone business building, to cost about \$12,000.

New York, N. Y. — Eighth Ave., No. 370, five-sty brick lodging-house, tin roof; cost, \$16,000; owner, John Heller, 24 Greenwich Ave.; architects, Reeves & Son, 384 Amsterdam Ave.

Houston St., No. 393, six-sty brick workshop, tin roof; cost, \$14,000; owner, Henry Arlt, 67 Stanton St.; architects, Horenburger & Straub, 122 Bowery.

Sixty-eighth St., n s, 150' e Tenth Ave., two-sty brick workshop, tin roof; cost, \$3,500; owner, August Rosinquist, 189 West Boulevard; architect, Julius Munkowitz, 247 West One Hundred and Twenty-fifth St.

Catharine St., No. 22, seven-sty brick workshop, tin roof; cost, \$20,000; owner, Louis Abrahams, 22 Catharine St.; architects, Schneider & Herter, 48 Bible House.

Manhattan St., Nos. 2-6, six-sty brick workshop, tin roof; cost, \$15,000; owner, Joe Greenwald, 177 Stanton St.; architects, Horenburger & Straub, 122 Bowery.

Jefferson St., s w cor. Cherry St., six-sty brick workshop, tin roof; cost, \$25,000; owners, Maxwell & Dempsey, 165 East Forty-ninth St.; architects, Schneider & Herter, 48 Bible House.

North Wales, Montgomery Co., Pa. — Several hot houses; owner, Dr. D. I. German.

Philadelphia, Pa. — Richmond St., No. 4704, two-sty brick shop; owner, John Bruger, 4704 Richmond St.

Market St., n s, e Thirty-third St., one-sty hay house; owner, Pennsylvania Railroad Co., Broad and Filbert Sts.

North Broad St., Nos. 245-247, three-sty brick printing-house; builders, R. C. Ballinger & Co., 218 North Thirteenth St.

Roanoke, Va. — The Standard Investment Co. will build three-sty brick building, to cost about \$14,000.

Worcester, Mass. — Mason St., one-sty blacksmith shop; owners and builders, Worcester Consolidated Street Railroad Co.

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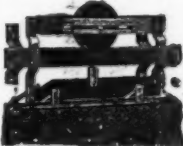


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MATERIAL THE BEST. NO BREAKAGE.

Ease of Movement. Always in Order.



LANE'S Patent Noiseless Steel Parlor Door Hanger.

Hanger is made of steel throughout, including wheel, except solid interior leather tread, causing to roll noiselessly.

Single steel track instead of double wood rail.

Ask your Hardware dealer, and send for Circular.

Manufactured by LANE BROTHERS, Poughkeepsie, N. Y.

BAR RAIL BRACKETS.



No. 862.

Any size or shape bracket made to order.

In ordering brackets please send size and position of rail and counter.

Manufactured by

J. B. SHANNON & SONS,

1020 Market Street, PHILADELPHIA.

Write for Bar Rail Catalogue.

LOCALITY OF AUTHORSHIP OF DESIGNS

PUBLISHED IN THE AMERICAN ARCHITECT.

The assertion that the *American Architect* is a paper whose characteristics are national and not merely local is supported by the following table, which exhibits the manner in which several journals have treated domestic architecture. In this comparison the IMPERIAL edition of the *American Architect* is considered, since the additional plates of the INTERNATIONAL edition are, in the main, illustrations of foreign work.

PAPER.	Number of subjects contributed.	Number of contributors.	Towns in which contributors were established.	States in which contributors were established.	In the first column, "subjects," only actual domestic work is included (foreign work, imaginative designs and the work of sketch-clubs are excluded), and the figures there given indicate that this number of designs might have been prepared by the same number of architects practising in the same number of different towns. The remaining columns show how nearly this ideal distribution has been reached in each case.	Architects practising in the State of publication furnished.				
						Subjects.	Per cent of total number of subjects.	Different architects contributing.	Per cent of total number contributing architects.	Towns.
No. I. . . .	214	109	28	16		101	.752	75	.688	7
No. II. . . .	137	78	21	15		46	.335	24	.307	2
No. III. . . .	118	56	16	11		70	.593	22	.392	1
Am. Architect.	267	152	47	24		73	.273	39	.256	3

From this table it appears that Massachusetts architects—.256 per cent of the total number of contributors—provided only .273 per cent of the total number of designs published, percentages which, in view of the fact that Massachusetts is one of the most populous States in the Union, prove that they have not been accorded an unreasonable amount of our limited space.

ALSEN'S PORTLAND CEMENT

is the strongest and most serviceable Cement made, and will permit the admixture of a larger amount of sand or gravel with less loss of strength than any other brand; it is therefore the most economical. It is the finest ground cement made, and has the largest bulk to the barrel.

The following test, made in actual work, by Col. D. C. Houston, Corps of Engineers, U. S. A., at the sea wall around Governor's Island, New York Harbor, has never been equalled by any other cement. It is as follows: Tensile strength per square inch, one day, 384 pounds; seven days, 600 pounds; thirty days, 818 pounds.

For Sidewalks it gives the best color, and the most enduring wearing surface. Most of the prominent Railroad Bridges and the large Office Buildings of the country stand upon a foundation of concrete made of ALSEN'S CEMENT.

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Chief Engineer, dated October 23, 1885.

"I take great pleasure in stating that my experience results from the use of probably 100,000 barrels of it in the brick and stone masonry works of the New York Elevated, New York, West Shore & Buffalo, and New York, Ontario & Western Railways during the past eight years, and from which I have formed a very high opinion as to the excellency of its quality—the leading characteristic of which I have found to be its reliable uniformity, a quality usually found to be sadly lacking in the general run of the ordinary cements of the market; a quality which I regard as the "sine qua non" that every cement must possess before it can be entitled to be classed as "good."

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

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NEW YORK.

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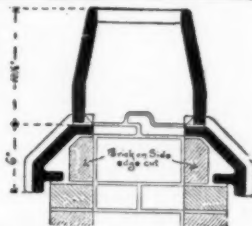
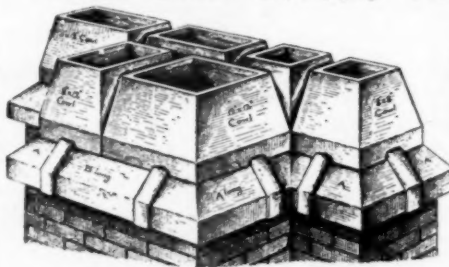
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Terra Cotta Chimney Topping.



THESE Toppings, made by steam-press, VITRIFIED, SALT-GLAZED and in RICH DARK BROWN color, finish and weather-resisting quality are just like first-class Ohio sewer pipe, and cost only a trifle more than common unprotected brick toppings.

HAROLD M. HANSEN, Architect,
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THE AMERICAN ARCHITECT AND BUILDING NEWS

ADVERTISERS' TRADE SUPPLEMENT.

No. 132.

SATURDAY, JUNE 3, 1893.

VOLUME XL.
No. 910.

AMERICAN ROOFING PLATES.

N. & G. TAYLOR Co., Philadelphia, manufacturers of American Roofing Plates, write us that the demand for their special brands is simply enormous, far exceeding anything before in the history of their business. They send us a long list of buildings that have lately been covered with their special brands,—the Taylor "Old Style," extra heavily coated, "The Taylor Roofing Tin" and Taylor's "Columbia."

Odd Fellows' Temple, Cincinnati; The Philadelphia & Reading Terminal Train-sheds, Philadelphia; Gilmore's Auditorium and Woman's Christian Association Building, Philadelphia; Hotel Imperial, Niagara Falls, N. Y.; Epworth Memorial M. E. Church, Cleveland, O.; Grand Opera House, Wilkes Barre, Pa.; Van Curler Opera House, Schenectady, N. Y.; Hadley Hall, State Building, Willard, N. Y.; Putnam Opera House, Bennington, Vt.; Taunton Theatre, Taunton, Mass.; The Southern California Hospital for the Insane; Hill County Court-house, Hillsboro, Tex.; The Smith Premier Typewriter Works, Syracuse, N. Y.; The Hahnemann Medical College and Hospital, Philadelphia; The Zion's Coöperative Mercantile Association, Salt Lake City, Utah; United States Government Military Post, San Antonio, Tex.; C. B. & Q. Freight Depot, St. Louis, Mo.; The Toledo Bee Building, Toledo, O.; The Ackerman Building, Binghamton, N. Y.; "The Arlington," Binghamton, N. Y.; "Hotel Benton," Danville, Va.; Valentine & Co.'s Factory, Brooklyn, N. Y.; The Grocers' Exchange, Brooklyn, N. Y.; Grayson County Court-house, Sherman, Tex.; The Larronde Building, Los Angeles, Cal.; The Livingston County Court-house, Howell, Mich.; D. C. Morgan & Son's Building, Buffalo, N. Y.; The Pennsylvania Institution for the Deaf and Dumb, Philadelphia, Pa.; The Houston Cotton Exchange, Houston, Tex.

TRADE-CATALOGUES AND CIRCULARS.

THERE is no use in arguing with manufacturers on the subject of their trade-catalogues and circulars, though the publishers of technical journals would fain have them believe that the same amount of money expended in what they term "legitimate advertising" would yield them better results. Possibly it would; but it is also certain that the manufacturers would have, nevertheless, to spend money on their catalogues, for there is nothing that can take their places: they are fixed necessities.

But there is no need that so great an amount of money should be spent on these useful cyclopædias as has been the fashion of late years. These large quarto volumes on heavy plate-paper, handsomely printed and bound and illustrated with costly wood-cuts of extravagant and repulsive size, have caused a most foolish waste of money—at least two-fifths of the total expense.

The Yale & Towne Manufacturing Company seem to have been the first to come to a realizing sense of the folly of the existing custom, for in issuing their Fourteenth Catalogue they have abandoned the quarto form and adopted a small octavo in its place. The result is a small book that is really in itself much more attractive than the larger one, can be easily held in the hand, and will find a ready space on the book-shelf, with the obvious result that it will be kept and used much more and longer than its predecessor. Besides, the reduction in the scale of the illustrating cuts adds to their elegance, while at the same time it takes away something of the vulgarity of vehement advertising.

A BIG COPPER CONTRACT.

MR. THEODORE M. BAKER, an old Philadelphian, who represents the firm of Randolph & Clowes, of Waterbury, Conn., was recently notified that the Pennsylvania Railroad had accepted the bid put in by him on behalf of his firm for the contract of furnishing the sheet-copper with which the roof, cornices and new panel-work of the new train-shed of the Pennsylvania Railroad now building at Broad and Market Streets will be covered.

The contract will amount to nearly \$25,000, and is the largest single order ever placed in Philadelphia.—*Philadelphia Evening Item.*

That some idea may be formed of the building for which this copper is intended, it might be well to note that it is the largest railroad station in the United States. The main tower is 240 feet high, the main arch 294 feet span; height above the rails, 104½ feet; area under roof, 4½ acres; train-shed, 140 feet high, 707 feet long by 307 feet wide. As it is a well-known fact that the Pennsylvania Railroad Company use only the very best materials in their building, Randolph & Clowes may well feel proud of having received this order. The copper-rolling mill is Randolph & Clowes's youngest department, but their strides to the front rank must certainly be rapid, inasmuch as the enormous volume of business received by them during the past few months has necessitated their running almost every night until ten o'clock, and,

beginning Monday next with a double force of hands, they will run day and night. This is not a bad thing for Waterbury.—*Waterbury Gazette.*

NOTES.

AFTER investigating the heating and ventilating systems of a number of the foremost and largest churches in America, it has been decided to award the Buffalo Forge Company, Buffalo, N. Y., contracts for the heating and ventilating plants for the new Christ M. E. Church, Pittsburgh, Pa., and the Calvary M. E. Church, Allegheny, Pa. By far, these two churches are the largest edifices in either of these enterprising cities. The estimated cost of each of the buildings is three hundred thousand dollars. The heating-apparatus consists in each instance of 12-foot fans and heaters containing 6,000 feet of one-inch pipe. In every example of church heating and ventilation installed by this company the apparatus is so built that it can be used as a cooling-machine in summer, as well as a heating and ventilating plant combined during the cold weather. Arrangement is further provided that during the moderate weather hot air and cold air can be mixed, and thus the ventilation is kept up without overheating the audience-room. The machinery and materials employed in the heating and ventilating plant for the above buildings constitute more than two car-loads.

THERE are other ways of killing a cat than choking her to death with butter, and so, too, are there other ways of advertising than by using black letters on white paper, and nowadays advertisers try to excel their fellows more by the ingenuity and attractiveness of their advertising efforts than by their loud and startling qualities. Samuel Cabot, who has more than once employed attractive color-work to make people familiar with the real effects of his useful shingle stains—notably in some very pretty and artistic leaflets of simple country cottages quietly and harmoniously tinted—has lately issued a large chromo-lithographic print of his lamp-black and stain factory, which, as an artistic production, is quite as well worth preserving and framing as half the things sold in the print-shops.

OWING to the large and increasing demand for their "Eureka" Air Valve, Hodge Brothers have been obliged to enlarge their

works to be able to keep up with the demand for their valves.

They have secured quarters in the large and commodious building Nos. 7-9-11-13 and 15 Chardon St., Boston, and will remove their plant at once, and with their new and increased facilities will try and keep up with their orders.

Their address after May 15, will be No 15 Chardon St., Boston, where they will be pleased to see at any time their many friends and patrons.

THE New York branch of the Magnesia Sectional Covering Company, which is under the charge of Mr. Robert A. Keasbey, has moved its office to No. 54 Warren Street, where the space is so much larger that a larger stock can be carried and a display made that will give customers a better idea of what this excellent protective covering can accomplish.

RANDOLPH & CLOWES, of Waterbury, Conn., at the World's Columbian Exposition have their principal exhibit in the E. Central Entrance of the Mines and Mining Building. There will also be a special exhibit of their Seamless Drawn Copper Range Boilers in the Manufacturers' Building, N Block 4, Class No. 756, Group 120.

THE manufacturers of that useful and sensible appliance, the Pullman Sash Balance, inform us that its growing popularity with architects is satisfactorily evidenced by its introduction into more buildings year by year which are erected under the direction of members of the profession.

BUILDING INTELLIGENCE.

Reported for the American Architect & Building News.

HOUSES.

Chicago, Ill.—John Bergstrom, two-st'y dwell., 509 Cuyler St.; cost, \$3,000.
Parker Grace, two-st'y dwell., 1743-1752 Grace St.; cost, \$3,000.
V. E. Rhodes, 3 two-st'y dwells., 7044-7048 Sherman St.; cost, \$7,500.
Sarah Denver, two-st'y dwell., 2001 Adams St.; cost, \$3,000.
Philadelphia, Pa.—Emerson St., n and s, w Ashburn St., 8 two-st'y brick dwells.; owner, J. H. De Victor, 505 Chestnut St.
North Twenty-seventh St., No. 2516, two-st'y brick dwell.; builder, P. McShane, 2518 West Huntingdon St.
South Sixth St., No. 417, four-st'y brick dwell.; builder, James H. Rea, 1608 Fairmount Ave.
Fine St., n s, w Fifty-seventh St., 3 two-st'y brick dwells.; owners, Andrew J. Mosely & Sons, 5102 Thompson St.
East Somerset St., No. 2439, two-st'y brick dwell.; builder, B. Magill, 1734 North Eighth St.
South Market St., w s Forty-third St., three-st'y brick dwell.; builder, Jno. A. Palmer, 233 South Fortieth St.
Margaretta St., s s, e Mulberry St., 3 two-st'y brick dwells.; builder, Thos. S. Foulkrod, cor. Leiper and Arrott Sts.
Clearfield St., s w cor. Edgemont St., three-st'y brick dwell.; builder, Chas. Judge, 3014 Richmond St.
Littman St., e s, s Unruh St., two-st'y brick dwell.; builders, Wilson, Milnor & Co., s w cor. Penn and Allen Sts.
Tulip St., w s, n Princeton St., 2 two-st'y brick dwells.; builders, Wilson, Milnor & Co., s w cor. Penn and Allen Sts.
Mather St., e s, n Venango St., 4 two-st'y brick dwells.; owner, Adam Miller, 3606 North Fifteenth St.
Mt. Pleasant St., s s, w Main St., 6 three-st'y brick dwells.; builder, W. J. Grubler, 46 Herman St.
Pulaski St., w s, s Queen St., two-st'y brick dwell.; builder, W. Garvin, 5008 Adams St.
Louden St., n s, e Frost St., two-st'y brick dwell.; builders, Schlett & Russell, Fox Chase.
North Twenty-sixth St., No. 1510, two-st'y brick dwell.; builder, Jas. H. Colbrun, 1414 North Twentieth St.
Clifford St., n s, w Thirty-first St., 12 two-st'y brick dwells.; owners, Hudson & Dillin.
East Clearfield St., No. 2083, three-st'y brick dwell.; builder, Peter Hoffman, 3462 Kensington Ave.
Tulip St., e s, n Somerset St., 19 one-st'y brick dwells.; owner, Owen McArdle, 2544 East Lehigh Ave.
Somerset St., s w cor. Chatham St., two-st'y brick dwell.; builder, A. McClay, 3026 Richmond St.
Oxford St., n s, e Handok St., 9 two-st'y brick dwells.; owner, Chas. E. Frick, 1019 West Lehigh Ave.

(Houses Continued.)

Susanna St., s s, w Edgemont St., 6 two-st'y brick dwells.; builder, Thomas Noble, 1819 Tulip St.
Thirty-fourth St., w s, n Wallace St., three brick dwells.; builder, Gustav Neilson, 760 North Forty-fourth St.
Forty-first St., e s, s Locust St., 6 three-st'y brick dwells.; owner, John Stafford, 1426 Diamond St.
Bustleton Pike, w s, n Welsh Road, three-st'y brick dwell.; builder, Israel Knight, Bustleton.
Ruth St., s Orleans St., 8 two-st'y brick dwells.; builder, Valentine Lind, 3229 Lee St.
Broad St., w s, n Clearfield St., 28 three-st'y brick dwells.; owner, John Stafford, 1423 Diamond St.
Steiner St., n and s, w Frankford Ave., 29 two-st'y brick dwells.; owner, Fred B. Franks, 2215 Emerald St.
Oak Lane, s s, bet. Fifth and Sixth Sts., 2 three-st'y brick dwells.; builders, Boyer & Parker, Station A, Oak Lane.
Corson St., e s, s Mervine St., two-st'y brick dwell.; builder, W. H. Foulk, 14 Meehan Ave.
Lincoln Pike, n s, w Mill St., brick dwell.; owner, John Dagnoy, Mill and Twentieth Sts.
Little Wayne St., s Lehigh St., two-st'y brick dwell.; owner, John Breiding, Rittenhouse St.
A St., s s, w Willow Grove Pike, 2 three-st'y brick dwells.; owner, R. J. Doyle, Oak Lane Station.
Mather St., w s, n Venango St., 2 two-st'y brick dwells.; builder, Adam Miller, 1606 North Fifteenth St.
Second St., w s, n Fisher's Lane, two-st'y brick dwell.; builder, David Trumbaur, Washington Hotel, Germantown.
Mill St., s s, e York St., three-st'y brick dwell.; builder, Albert Hamilton, Chelton Ave.
Gray's Ave., n s, w Sixty-fourth St., two-st'y brick dwell.; builder, John Welsh, Seventieth St. and Woodland Ave.
Willow St., Frankford, 7 two-st'y brick dwells. for A. F. France; architect, Horace W. Castor, 4627 Penn St., Frankford.
Penn St., Frankford, three-st'y dwell., tile roof; owner, Wm. Abbott; architect, Horace W. Castor, 4627 Penn St., Frankford.
Franklin St., Frankford, 4 three-st'y dwells., Colonial style, for James S. Swope; architect, Horace W. Castor, 4627 Penn St., Frankford.
Broad St., e s, s Mifflin St., 12 three-st'y stone and brick dwells.; owner, Hugh McNeille.
Stewart St., w s, s Wolf St., 9 two-st'y brick dwells.; owner, Hugh McNeille, 1926 Passyunk Ave.
Twentieth St., w s, s Morris St., 2 two-st'y brick dwells.; builder, Wm. Smith, 1319 Moore St.
Ashburn St., n s, e Torresdale St., 4 two-st'y brick dwells.; owner, J. H. De Victor, 505 Chestnut St.
Hagerman St., n s, near Ashburn St., 6 two-st'y brick dwells.; owner, J. H. De Victor, 505 Chestnut St.
Allegheny St., s s, w Jasper St., 31 two-st'y brick dwells.; builders, H. & H. Leute, 4545 Salmon St.
Fifteenth St., e s, s Dauphin St., three-st'y brick dwell.; owner, James J. Coleman, 2311 North Twentieth St.
Bryn Mawr Ave., w s, s City Line, three-st'y brick dwell.; owner, Ovid F. Johnson, 608 Chestnut St.
Regent St., n s, w Forty-eighth St., 2 three-st'y

WE DESIRE TO ANNOUNCE that we have added to our business a department of

Ice Making and Refrigeration

in which field we recognize a demand for as high-class Engineering as we have been accustomed to give to the construction of Steam Power Plants. This department is distinct in its organization, with headquarters at our Boston Office, 620 Atlantic Avenue, under the immediate management of Mr. Church, with Frederick E. Murphy in executive authority as Engineer in charge. After an investigation covering a period of two years, and conducted in the interests of our own proposed investment, we have acquired control, by Exclusive License, of the Compressor and Condenser patented by Messrs. Hodges and Havenstrite, of Boston. Staking our reputation as judges of successful machinery, we offer them as the most mechanical, adaptable and economical apparatus for the purpose, thus far placed on the market.

The proportioning and construction of the distribution system, on which the successful working of both Ice-making and Refrigerating plants so largely depends, will be carried out consistently with the reputation for good engineering and good work which we enjoy.

We are now prepared to contract for Plants for the manufacture of

ARTIFICIAL ICE

having any capacity from one-half ton to one hundred tons per day, and upwards. Artificial Ice has come to stay, equally for sanitary and economic reasons, and its manufacture is a stable and profitable enterprise, competing successfully against the natural product.

ARTIFICIAL REFRIGERATION

will receive our special attention. In Cold Storage Warehouses, Breweries, Packing Houses, and similar large industries, it is already an established necessity. Into this class of plants, we bring for the first time the manifest advantages of small space and head room, and the sub-division of units, which last is the only means whereby a Refrigerating Plant can meet the fluctuation of the seasons with anything like uniform efficiency.

Refrigeration, or combined Refrigeration and Ice Making, in small plants from one-half ton to ten tons per day, is now cheap and practicable, and this particular trade will be fully developed by us in its application to Markets, Creameries, Hotels, Apartment-houses, Hospitals, and Manufacturing Processes of all kinds. In this latter field we believe ourselves without successful competition.

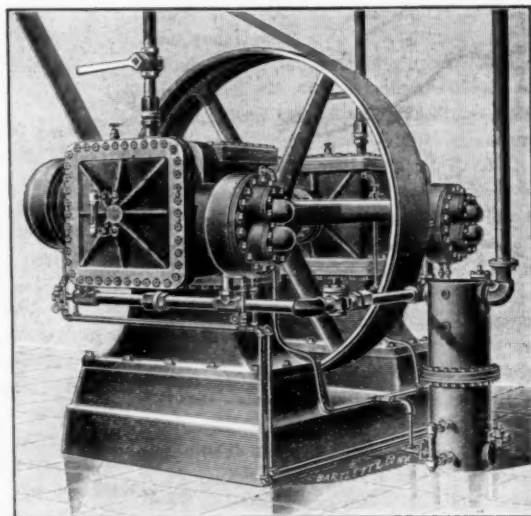
Correspondence regarding any application of Artificial Cold will be to the mutual advantage of our customers and ourselves.

Very respectfully,

WESTINGHOUSE, CHURCH, KERR & CO.,
ENGINEERS.

620 Atlantic Avenue, Boston.
17 Cortlandt Street, New York.
156 and 158 Lake Street, Chicago.

Commercial Building, St. Louis.
Westinghouse Building, Pittsburgh.
Drexel Building, Philadelphia.



DYCKERHOFF PORTLAND CEMENT

Is superior to any other Portland Cement made. It is very finely ground, always uniform and reliable, and of such extraordinary strength that it will permit the addition of 25 per cent more sand, etc., than other well-known brands, and produce the most durable work. It is therefore the most economical to use. 8,000 barrels have been used in the foundations of the Statue of Liberty. Architects and those interested in Portland Cement will please send for my pamphlet, which will be mailed free on application. It contains valuable directions for the employment of Portland Cement, a table of results of the strength of the Dyckerhoff Cement when mixed with sand and broken stone in various proportions, together with tests and testimonials of eminent Engineers, Architects and Consumers.

E. THIELE, 78 William St., New York.
SOLE AGENT FOR THE UNITED STATES.

A. G. NEWMAN, late NEWMAN & CAPRON.

MANUFACTURERS OF

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

BUILDING INTELLIGENCE.

(Houses Continued.)

brick dwells.; owner, Jas. D. Arthur, 223 Levant St.

Kingessing Ave., n s, w Forty-seventh St., 4 three-st'y brick dwells.; owner, Jas. D. Arthur, 223 Levant St.

Forty-sixth St., w s, s Woodland Ave., three-st'y brick dwell.; builder, John Welsh, Seventieth St. and Woodland Ave.

Thirty-fifth St., e s, n Queen Lane, two-st'y brick dwell.; owner, John R. Lockley, 2731 Showaker St. Lafayette St., n s, e Wayne St., 2 three-st'y brick dwells.; builder, Henry Harrison, 33 Lafayette St.

Ontario St., No. 2012, three-st'y brick dwell.; builders, H. B. Geist & Bro., 804 Walnut St.

Mather St., e s, n Venango St., 2 two-st'y brick dwells.; builder, Thomas Mathews, 2334 Hancock St.

James St., n Pratt St., several two-st'y brick dwells.; builder, Henry Close, 1345 North Thirty-second St.

Baltimore Ave., s s, 6 two-st'y press-brick dwells., mansard roofs; builder, James B. Anderson, 65 Sloan St.

Cora St., w s, n Wharton St., two-st'y brick dwell.; builder, George Manderfield, 333 Marrott St.

Margaretta St., w s, n Cambridge St., 2 two-st'y brick dwells.; builders, Kilover Bros., 3737 Ash St.

Clifford St., n s, w Thirty-first St., 12 three-st'y brick dwells.; owners, Hudson & Dillon, 1341 Cuthbert St.

Susquehanna Ave., s e cor. Thirty-third St., three-st'y brick dwell.; builders, George F. Payne & Co., 401 South Juniper St.

Broad St., w s, s Moore St., three-st'y brick dwell.; owner, John M. B. Morrow, 1425 South Broad St.

Monmouth St., n and s s, e Amber St., 60 two-st'y brownstone and brick dwells.; builder, C. C. Moore.

Front St., e s, n Tabor St., 2 two-st'y brick dwells.; builder, Lemuel Altamus, Olney.

Manayunk Ave., s s, w Levering St., 2 three-st'y brick dwells.; builder, Walter Rowland, 469 Martin St.

Green Lane, e s, n Mitchell St., three-st'y brick dwell.; builder, Walter Rowland, 469 Martin St.

Springfield Ave. and Thirty-seventh St., dwell.; owner, congregation of St. Francis de Sales.

Allegheny Ave., s s, w Livingston St., 2 two-st'y brick dwells.; builder, Cornelius Kiely, 1809 Cambria St.

Penn St., s Bellfield St., 8 three-st'y brick dwells.; owner, Wm. S. McNabb.

Almond St., n s, e Orthodox St., two-st'y brick dwell.; builder, Amos R. Crosta, 4536 Salmon St.

Weiss St., w s, s Chelton Ave., 2 two-st'y brick dwells.; builder, Albert Hamilton, Chelton Ave. and Weiss St.

Mechlin St., n s, e Germantown Ave., three-st'y brick dwell.; builder, John Doar, 1913 Bonita St.

Viola St., w s, s Spring Garden St., 2 two-st'y brick dwells.; owner, J. T. Gorman, 423 Beeson St.

Manua Ave., n s, e Forty-second St., 5 three-st'y brick dwells.; owners, De Long & Stitler, 36 North Fortieth St.

Jefferson St., w s, s Somerset St., two-st'y brick dwells.; builders, Osborn Bros., 5019 Willow Ave.

Clementine St., s w cor. Emerald St., three-st'y brick dwell.; builder, Harry Galheber, 630 West Thompson St.

Taylor St., s s, e Coral St., two-st'y brick dwell.; owner, Chas. Booth, 2502 Taylor St.

Harrison St., pair of dwells. for M. S. Frick; architect, Horace W. Castor, 4627 Penn St., Frankfort.

Ursula St., w s, s Marston St., five brick dwells.; builder, P. E. Costello, Tacony.

Seventeenth St., e and w s, n Cumberland St., 64 three-st'y brick dwells.; owner, John Loughran, 2238 North Broad St.

Herman St., s s, e Twenty-second St., 5 two-st'y brick dwells.; owner, J. E. Moss, 2340 North Twenty-ninth St.

Paschal Ave., e s, n Seventy-first St., two-st'y brick dwell.; builder, George Kyle, Seventy-fifth St. and Avenue F.

BAR RAIL BRACKETS.



No. 862.

Any size or shape bracket made to order.
In ordering brackets please send size and position of rail and counter.

Manufactured by **J. B. SHANNON & SONS,**
1020 Market Street, PHILADELPHIA.



FLOORS.

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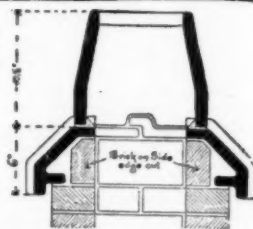
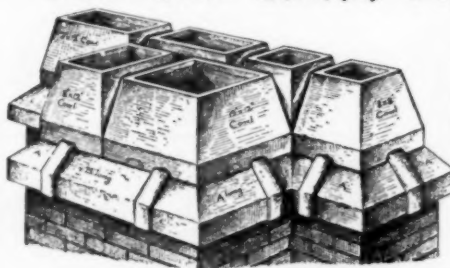
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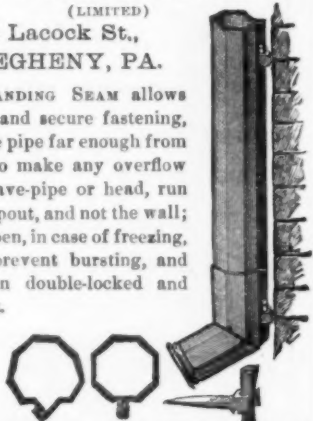
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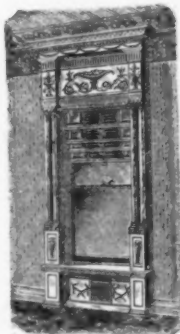
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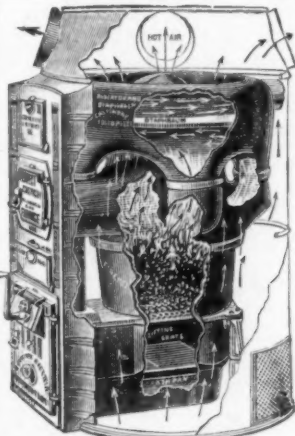
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@ 55 00	45 00 @ 60 00	14 00 @ 30 00	42 50 @ 47 50
80 00 @ 120 00	90 00 @ 120 00	35 00 @ 90 00	100 00 @ 120 00
40 00 @ 60 00	60 00 @ 70 00	17 00 @ 35 00	70 00 @ 80 00
@ 180 00	45 00 @ 50 00		
@ 350 00	150 00 @ 160 00	110 00 @ 170 00	150 00 @ 250 00
45 00 @ 50 00	120 00 @ 350 00	200 00 @ 250 00	200 00 @ 400 00
@ 70 00	45 00 @ 50 00	12 00 @ 20 00	25 00 @ 55 00
@ 70 00	@ 50 00	17 00 @ 27 00	42 50 @ 55 00
@ 90 00	50 00 @ 55 00	16 00 @ 28 00	45 00 @ 55 00
	65 00 @ 75 00	34 00 @ 40 00	60 00 @ 75 00
	50 00 @ 65 00	25 00 @ 28 00	57 50 @ 65 00
65 00 @ 70 00	50 00 @ 75 00	33 00 @ 50 00	@ 65 00
60 00 @ 70 00	60 00 @ 70 00	40 00 @ 45 00	60 00 @ 75 00
@ 6		per M. 600 00	
	32 00 @ 35 00		
125 00 @ 150 00	85 00 @ 120 00	40 00 @ 75 00	50 00 @ 170 00
45 00 @ 50 00	40 00 @ 45 00	14 00 @ 30 00	25 00 @ 40 00
@ 45 00	40 00 @ 42 00	31 00 @ 34 00	@ 45 00

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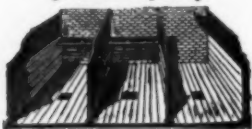
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	New York.	Boston.	Chicago.	Philadelphia.
	(Wholesale Prices.)	(Prices to Builders and Contractors.)		In Yard.
BRICK.—P. M.				
Common: Cargo afloat.				
Pale.....	2 25 @ 2 75	Eastern } 9 00 @ 10 00 }	Building Brick	Sq. Hard @ 9 00
Jersey.....	4 50 @ 5 00	Bay State Hard	@ 9 00	" @ 7 00
Long Island.....	@	7 00 @ 8 00	Indiana Pressed	Salmon @ 5 00
Up River.....	5 00 @ 5 25	Domestic Com.	14 00 @ 20 00	Sq. " @ 9 00
Haverstraw Bay 2d.....	5 25 @ 5 50	9 50 @ 10 00	St. Louis Fronts	Light Stretchers
1st.....	5 50 @ 5 75	Domestic Face	@ 27 00	Medium " @ 10 00
Hollow.....	@ 13 00	20 00 @ 22 00		Red " @ 12 00
Fronts:		Philadelphia }		Dark " @ 13 00
Croton, Brown.....	@ 12 00	40 00 @ 45 00 }		Pressed " @ 13 00
" dark.....	@ 13 00	Phila. mould }		Best Paving " @ 20 00
" red.....	@ 13 00	50 00 @ 80 00 }		Second " @ 14 00
Chicago pressed (Anderson).....				Third " @ 12 00
" Moulded.....				Dom. { @ 65
Baltimore.....	37 00 @ 41 00			@ 82
Philadelphia.....	23 00 @ 24 00			
Trenton.....	19 00 @ 20 00			
Milwaukee.....				
Moulded:				
Glens Falls Red Pressed.....	@ 37 00			
" Buff.....	@ 30 00			
" Moulded Red & Buff	45 00 @ 70 00			
Enamelled: Imp.				
Enamelled (edge).....	85 00 @ 100 00			
Enamelled (edge and end).....	90 00 @ 115 00			
CEMENT, LIME, etc.—(P. M.)				
Rosendale Cement.....	1 00 @ 1 10	1 15 @ 1 25	Not sold.	1 30 @ 1 50
Louisville.....	Not sold.	Brooks, S. & Co.	1 05 @ 1 15	BS&Co 2 75 @ 3 00
Utica, Akron, Buffalo, Milw'kee.	2 25 @ 2 50	2 40 @ 2 75	1 00 @ 1 10	2 85 @ 3 25
Portland, English (Gibbs).....	2 25 @ 2 50	2 40 @ 2 75	3 00 @ 3 10	2 85 @ 3 15
" " (K. B. & S.).....	2 50 @ 3 00	2 40 @ 2 75	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross.....	2 25 @ 2 50	2 40 @ 2 75	3 00 @ 3 25	2 85 @ 3 15
" " (Burnham).....	2 50 @ 2 50	2 40 @ 2 75	2 90 @ 3 15	2 75 @ 2 85
" " (White's).....	2 65 @ 3 00	2 40 @ 2 75	3 00 @ 3 25	
" French (Lafarge).....	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	
German (Alsen).....	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	
" (Fewer).....	2 25 @ 2 40		3 20 @ 3 40	
" (Vorwobler).....	2 50 @ 2 90		@	
" (Lagerhofer).....	@		2 75 @ 3 00	
" (Dyckerhoff).....	2 60 @ 2 90	2 40 @ 2 75	3 25 @ 3 50	
" (Hanover).....	2 30 @ 3 00	3 00 @ 3 50	3 25 @ 3 50	
" Stettin (Anchor).....	2 35 @ 2 85	Condor 2 50 @ 2 75	Not sold.	
" American (Saylor's).....	1 75 @ 2 00	Wedge 2 40 @ 2 75	Not sold.	
Roman.....	2 75 @ 3 00	2 15 @ 2 50	2 60 @ 2 70	
Keene's coarse.....	4 50 @ 5 30	@ 3 50	2 75 @ 3 25	
" superfine.....	5 00 @ 5 50	@ 6 00	6 00 @ 7 00	
		7 00 @ 9 00	9 00 @ 10 50	
Lime:				
Lime of Teil.....	3 50 @ 4 00			
Hydraulic Lime.....	@ 1 45	@ 1 35	Not sold.	White Lime bush
Chicago Lime in bulk.....		St. John 1 00	60 @ 70	25 @ 30
Wisconsin Lime.....	@ 90		60 @	{ White Mash
Rockland and Rockport, (Com.)..	@ 1 00	@ 1 05	Not sold.	1 25 @ 1 50
Rockland and Rockport, finish.....	@ 1 20	@ 1 10	Not sold.	1 00 @ 1 00
Kolley Island Lime, finish.....	@ 1 20	@ 1 20	1 00 bulk, 75c.	
State, com. cargo rates (nom.).....	80 @ 85	Not sold.	Not sold.	
State, finishing.....	1 05 @ 1 10	Not sold.	Not sold.	
Plaster of Paris (calcined).....	1 40 @ 1 50	1 85 @ 2 00	1 85 @ 1 90	
" (casting).....	@ 1 60	@ 2 25	1 85 @ 1 90	
Hair (Cattle) bush.....	16 @ 18	25 @ 30	16 @ 20	
" (Goat).....	18 @ 21	@ 30	30 @ 35	
Sand, P load.....	1 00 @ 1 25	1 75 @ 1 90	@ 60	
STONE. (P cubic foot, rough.)				
Granite: (Maine)				
Limestone:				
Bedford.....	45 @ 1 25	95 @ 1 00	50 @	75 @ 85
Joliet.....	1 00		35 @ 55	Richmond
Lemont.....			35 @ 60	75 @ 1 50
Serpentine.....			@ 1 00	Perch 4 50 @ 5 50

10 50 per ton

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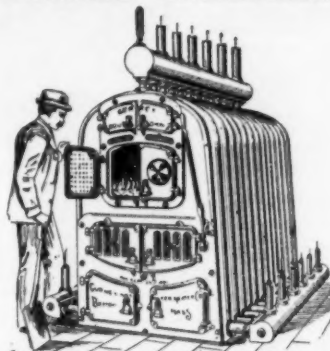
(Prices to Builders and Contractors,

Dimension.....	5 00	5 00	5 00	5 00
Block.....	4 60	4 60	4 60	4 60
Rubble.....	1 25	1 25	1 25	1 25
Rubblestone: (P sq. ft.)				
Sidewalk.....	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 25
Planed.....	50 @ 6 00	75 @ 1 75	50 @ 1 00	37 @ 50
Sandstone:				
Longmeadow.....	80 @ 80	80 @ 90		95 @ 1 05
Kibbe.....	90 @ 90	90 @ 1 10		
Brown (Connecticut).....	1 00 @ 95	1 25 @ 1 45	1 50 @ 1 50	1 05 @ 1 25
Amherst Ohio.....	90 @ 95	90 @ 1 00	45 @ 50	85 @ 95
Berea.....	75 @ 1 00	85 @ 90	45 @ 55	55 @ 75
Berlin.....	75 @ 1 00	80 @ 90	55 @ 65	85 @ 95
Belleville.....	80 @ 1 25	1 25 @ 1 35	55 @ 1 25	1 00 @ 1 10
New Brunswick (Dorchester).....	80 @ 1 00	75 @ 90		1 05 @ 1 15
Caen.....		2 00		1 25 @ 1 35
Carlisle. English.....	1 05	1 05		95 @ 1 05
Corse Hill (Scotch).....	1 05	1 05		95 @ 1 05
Marble: (P cu. ft.)				
Lee, Mass.....		1 75 @ 2 50	Not Sold.	2 00 @ 2 50
Rutland, white and blue.....		3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls.....	1 25 @ 1 75	2 00	3 50 @ 6 00	1 70 @ 3 00
Glens Falls, black.....			Not Sold.	4 00 @ 4 50
Italian, blue-veined.....			4 40	2 50 @ 2 75
" Sienna.....			Not Sold.	5 00
Tennessee, red.....			4 40	4 00 @ 6 00
" Knoxville.....			4 40	3 00 @ 4 00
Pennsylvania, blue.....			Not Sold.	2 00 @ 3 00
Vermont, white.....			3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (P square).				
" green.....	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" unfading.....	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple.....	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red.....	4 25 @ 4 75	10 00 @ 11 00	12 00 @ 14 00	1 50 @ 10 25
" black, Lehigh.....			6 25 @ 6 85	2 25 @ 4 00
" " Chapmans.....			7 30 @ 8 00	00 @ 4 65
" Unfading black, Monson, Me.....	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am..... P M.....			Not Sold.	6 00 @ 25 00
N. Peach Bottom, warranted unfading.				6 00 @ 6 75
PAINTS. (In Oil P lb.)				
White lead, Am.....	7 @ 7 1/2	6 1/2 @ 7	7 @ 7 1/2	7 @ 7 1/2
" zinc.....	5 @ 8 1/2	6 1/2 @ 8	5 @ 10 1/2	6 1/2 @ 7 1/2
Red lead, Am.....	6 1/2 @ 7	6 1/2 @ 7	6 1/2 @ 7	6 1/2 @ 7
" Venetian.....	6 @ 10 1/2	7 @ 12	1 1/2 @ 2 1/2	6 1/2 @ 7 1/2
" Vermillion.....	65 @ 70	70 @ 5 dry	65 @ 68	6 1/2 @ 7 1/2
" Indian, Eng.....	12 @ 20	12 @ 20	12 @ 20	6 1/2 @ 7 1/2
Yellow Ochre.....	6 @ 15	7 @ 12	3 @ 15	6 1/2 @ 7 1/2
" Chrome.....	12 @ 20	18 @ 25	15 @ 25	6 1/2 @ 7 1/2
Green (chrome).....	8 @ 13	8 @ 20	8 @ 20	6 1/2 @ 7 1/2
Green, Paris.....	25 @ 40	25 @ 40	18 @ 35	6 1/2 @ 7 1/2
Black, lamp.....	15 @ 25	15 @ 25	8 @ 30	6 1/2 @ 7 1/2
Blue, ultramarine.....	12 @ 18	18 @ 30	12 @ 35	6 1/2 @ 7 1/2
Oil, linseed, (raw).....	55 @ 62	51 @ 52	57 @ 60	6 1/2 @ 7 1/2
" " boiled.....	58 @ 65	54 @ 55	60 @ 63	6 1/2 @ 7 1/2
Turpentine.....	36 @ 37	40 @ 40	40 @ 42	6 1/2 @ 7 1/2
Varnish, coach.....		1 50 @ 6 00	1 25 @ 2 00	125 @ 3 00
Shellac.....		2 50 @ 3 00	2 25 @ 4 00	150 @ 3 00
Putty.....	2 @ 4	2 @ 4	2 @ 2 1/2	2 @ 2 1/2
Whiting.....	75 @ 1 00	1 @ 1 1/2	1 @ 1 1/2	1 @ 1 1/2
Paris white, (Eng.).....	1 30 @ 2 00	2 @ 3	1 @ 2	1 @ 2
Litharge, Am.....	5 1/2 @ 6	6 1/2 @ 7	6 1/2 @ 7	1 @ 2
Sienna (burnt).....	14 @ 20	14 @ 20	4 @ 16	4 @ 14
Umber.....	14 @ 20	14 @ 20	2 @ 10	2 @ 13
HARDWARE.				
Nails: (Per Cask.) Spikes, (wrought.)	@ 2 85	@ 2 20	2 35 @ 3 50	per keg @ 2 25
10d. common.....	@ 2 60	@ 2 20	@ 1 95	@ 2 30
Shingle.....	@ 3 35	@ 2 65	@ 2 35	@ 2 60
Lath.....	@ 4 85	@ 3 20	@ 3 25	3 00 @ 4 75
(Finishing nails according to size.)			Add .85 to \$2.25	per lb 4 @ 6
(For casing nails add 75 c. per keg.)			".50 to .90	Add per cask
Butts: 4" x 4"..... (P doz. pairs.)				2 90 (all kinds.)
Plain.....	@ 1 00	@ 1 20	@ 90	@ 90
Japanned.....	@ 1 50	@ 1 75	Not Sold.	1 35 @ 2 00
Acorn, Japanned.....	@ 1 50	@ 1 90	2 00 @ 3 75	1 35 @ 2 75
Ball Tip, Boston Finish..... (P pair.)	@ 65	@ 50	Not Sold.	48 @ 50
Bronze metal.....	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Brass (for cupboards).....	@ 10	@ 10	@ 12	@ 1 00
Ebony.....	@ 10	@ 10	@ 12	@ 35
Apple wood.....	@ 10	@ 10	@ 12	37 @ 1 00
Knobs: (P set.)				
Mineral, best.....	@ 8	@ 8	8 @ 10	@ 08
Lava.....	@ 50	@ 75	65 @ 80	Not Sold.
Hemacite.....	Not Sold.	17 @ 33	31 @ 40	25 @ 50
Porcelain.....	@ 30	@ 10	25 @ 30	@ 25
Glass, solid.....	Not Sold.	@ 50	Not Sold.	1 00 @ 2 50
Glass, silvered.....	Not Sold.	88 @ 1 00	@ 1 50	1 75 @ 2 00
Bronze metal.....	75 @ 2 00	50 @ 3 00	50 @ 3 00	50 @ 3 50
Brass.....	1 00 @ 2 50	50 @ 3 00	1 00 @ 3 00	75 @ 1 25
Solder:				
Sheet Lead.....	@ 7 1/2	@ 7 1/2	6 @ 7	13 1/2 @ 16
Lead Pipe.....	@ 6 1/2	@ 6 1/2	5 1/2 @ 6	6 @ 6
Iron:				
I-Beams, up to and including 30 ft.....	3 3-10 @ 3 1/2	@ 3 4-10	2 50 @ 2 75	@ 2 8-10
do. over 30 ft., 1/2 c. adv. for every 5 ft.	@ 3 1/2	@ 3 4-10	50 @ 2 75	@ 2 8-10
Channel Beams.....	3 3-10 @ 3 1/2	@ 3 4-10	50 @ 2 75	@ 2 8-10

FLUCTUATIONS.

Boston, Mass. — The price of linseed oil remains steady at last week's figures. Turpentine has again declined in price one cent per gallon from quotations of last week.
New York, N. Y. — The supply of bricks is now abundant and prices show a marked decline. The lime market is unsettled with a downward tendency.

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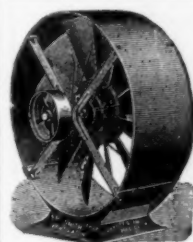
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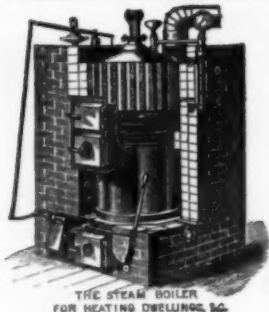
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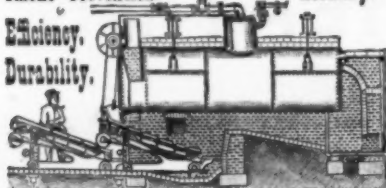
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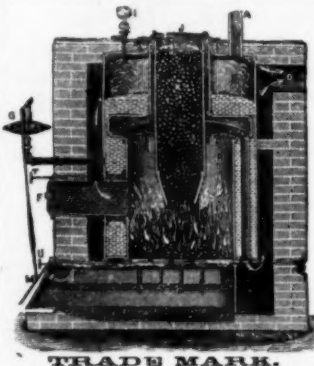
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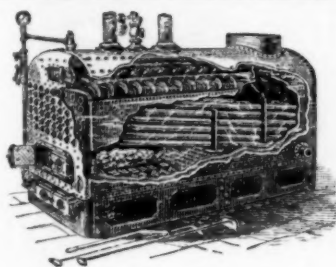
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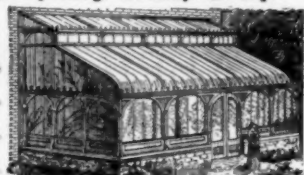


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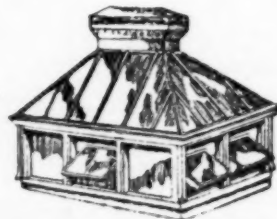
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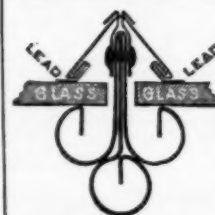
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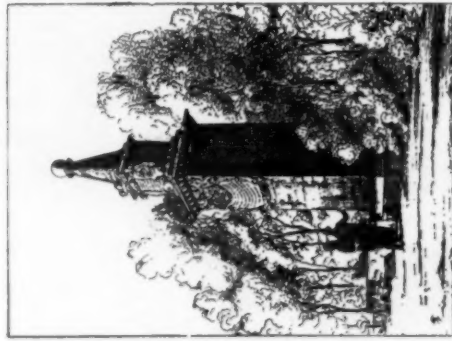
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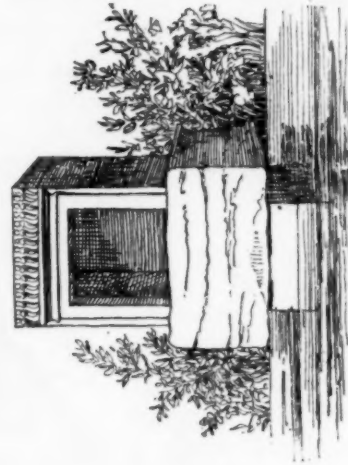
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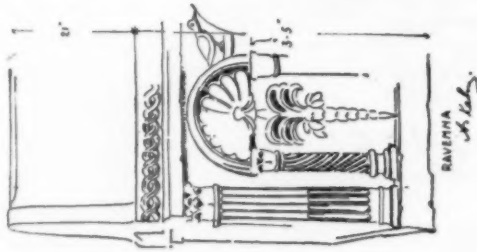
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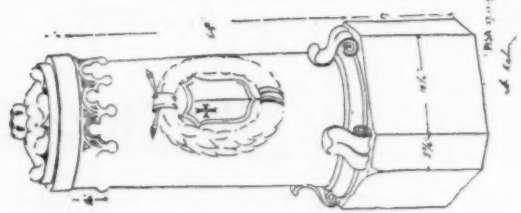
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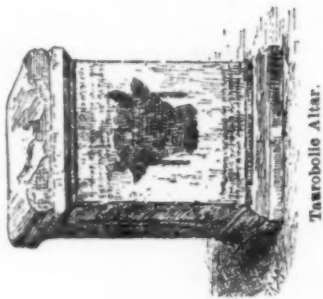
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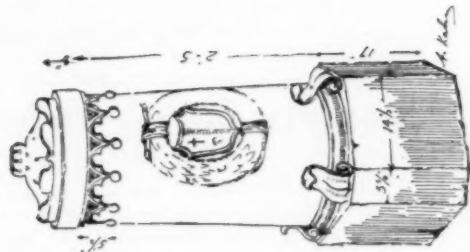
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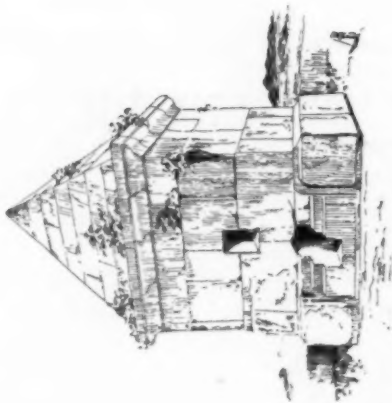
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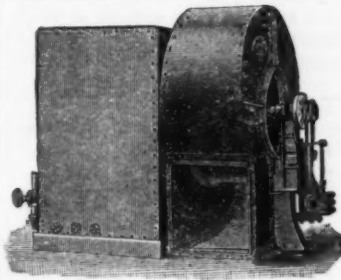
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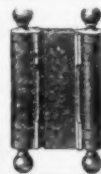
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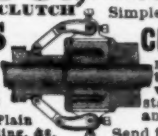
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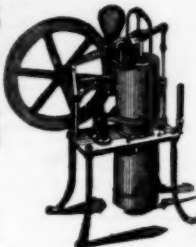


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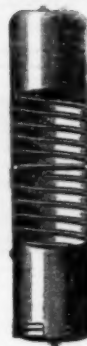
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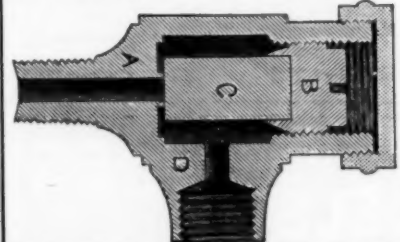
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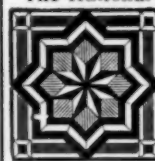
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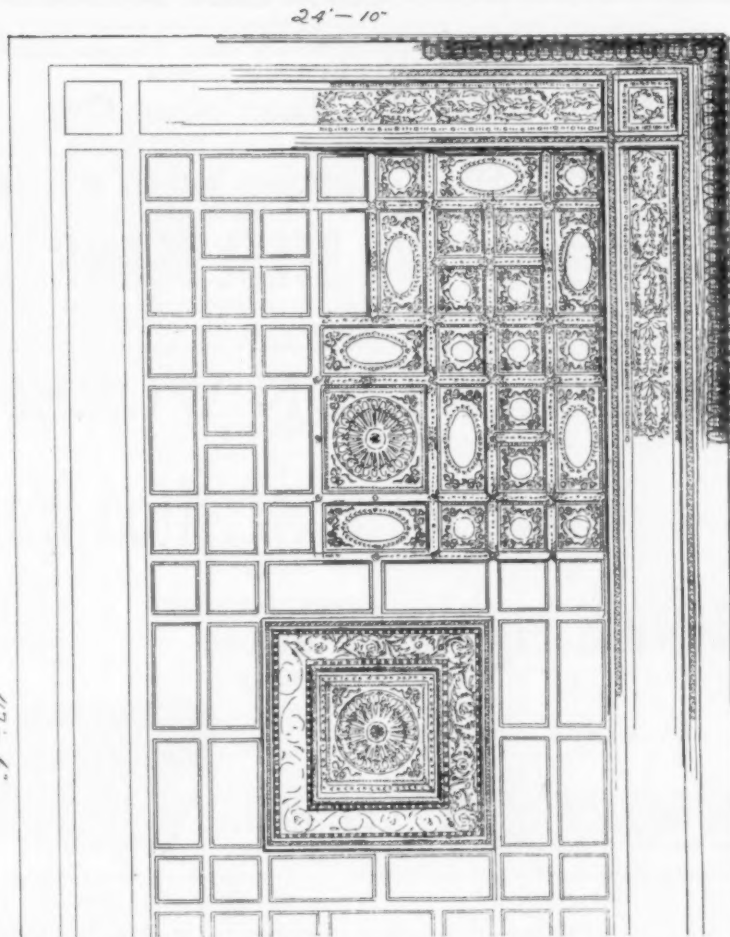
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BUILDING INTELLIGENCE.

HOTELS.

Chicago, Ill.—N. C. Rood, three-st'y hotel, Cloud Ave., near Ninety-fourth St.; cost, \$3,000.
H. A. Haynes, three-st'y hotel, 6300-6312 Stony Island Ave.; cost, \$30,000.
L. N. Fielding, three-st'y hotel, 6350-6358 Sheridan Ave.; cost, \$5,000.

Detroit, Mich.—Rogers & McFarland, six-st'y brick hotel, 22-26 Farrar St.; cost, \$25,000.

Waycross, Ga.—The building of a hotel, to cost about \$50,000, is contemplated.

HOUSES.

Camden, N. J.—Mechanic St., n. s. w Broadway, 2 two-st'y brick dwell.; owner, Aaron Ward.

OFFICE-BUILDINGS.

Chicago, Ill.—Hamilton Bogue, twelve-st'y office-building, 167-175 La Salle St.; cost, \$600,000.
Rand, McNally & Co., twelve-st'y office-building, 148-154 Monroe St.; cost, \$400,000.
H. J. Furber, twelve-st'y office-building, 157-163 La Salle St.; cost, \$500,000.

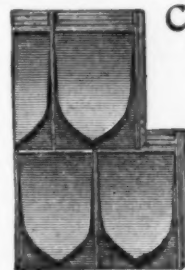
Detroit, Mich.—Chas. S. Tolson, four-st'y brick office-building, 39-41 State St.; cost, \$15,000.
Union Stock Yard Co., two-st'y office-building, Exchange and Halsted Sts.; cost, \$8,000.

New York, N. Y.—Pine St., Nos. 34-34½, ten-st'y brick office-building, asphalt roof; cost, \$100,000; owners, Hanover Fire Insurance Co., 40 Nassau St.; architect, Arthur B. Jennings, Grand Boulevard and One Hundred and Thirty-sixth St.

RAILROAD-BUILDINGS.

Boston, Mass.—Causeway St., next Lowell Division, Ward 8, one-st'y brick and stone railway station, flat roof, 101.8' x 318'; Haverhill St. extension and Causeway St., 45' x 45'; Haverhill St. extension, 45' x 322'; owner, Boston & Maine Railroad Co.

Chicago, Ill.—Chicago, Rock Island & Pacific R. R., one-st'y depot, Twenty-second and Clark Sts.; cost, \$8,000.



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BUILDING INTELLIGENCE.

SCHOOL-HOUSES.

Little Rock, Ark.—School-building, to cost about \$20,000, will be built from plans by Thomas Harding, architect.

Nashville, Tenn.—The City Council has appropriated \$50,000 for the building of a school.

Tonawanda, N. Y.—Architect W. H. Archer, 13 West Huron St., Buffalo, N. Y., has prepared plans for 2 two-st'y brick school-houses, Delaware and Harriett and Morgan and Wheeler Sts.; cost, \$30,000.

STABLES.

Boston, Mass.—Cranston St., No. 37 rear, Ward 23, frame stable, 16' x 18'; owner and builder, Walter Curley.

Sidney Pl., near Waterlow St., Ward 24, frame

Iron-Work.

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PROPOSALS.

stable, 17' x 20'; owner and builder, W. R. David-

son.
Unnamed St., from Market St., near Lincoln St.,
Ward 25, frame stable, 20' x 23'; owner and builder,
T. M. Roddy.

West First St., No. 378, Ward 14, frame stable and
storage, 35' x 117'; owner, J. O. Kittredge; builders,
Holbrook & Harlow.

Brooklyn, N. Y. — Schenck St., Nos. 26-28, two-st'y
brick stable, gravel roof; cost, \$3,500; owner, Chas.
Patterson, 150 Washington Ave.; architects, C. L.
Johnson, Son & Co., 322 Rodney St.

Buffalo, N. Y. — Two-st'y frame barn; architect,
W. H. Archer, 13 West Huron St.

Chicago, Ill. — John Hall, 4 three-st'y stores and
flats, Seventieth St., near Avenue A; cost, \$12,000.
L. Paulson, three-st'y store and flats, 719 Maple-
wood Ave.; cost, \$8,000.

A. K. Malum, four-st'y store and flats, 304 Jane
St.; cost, \$4,000.

Charles Thorns, two-st'y barn, 741 West Superior
St.; cost, \$6,000.

North Chicago Street Railway Co., two-st'y barn,
cor. Racine and Belden Aves.; cost, \$10,000.

Julius Koop, one-st'y store, 495-497 Chicago Ave.;
cost, \$8,000.

Jos. B. Earl, two-st'y store and flats, 6350-6358
Stony Island Ave.; cost, \$5,000.

John Sheahan, three-st'y store and flats, 677 West
Chicago Ave.; cost, \$8,000.

Jac. Putzker, two-st'y store and flats, 1224 Sixty-
third St.; cost, \$4,000.

William Greco, four-st'y store and flats, 1357 Ash-
land St.; cost, \$6,000.

J. C. McClanahan, three-st'y store and flats, 5650-
5652 Lake Ave.; cost, \$18,000.

Thomas Andele, two-st'y store and hall, 1333-1335
Fortieth St.; cost, \$6,000.

F. C. Gibbs, 45 one-st'y stores, Stony Island Ave.;
cost, \$30,000.

Louis Recter, two-st'y store and flats, 387 Dear-
born St.; cost, \$4,000.

John Dooley, 2 two-st'y stores and flats, 6704-6706
South Chicago Ave.; cost, \$4,000.

Detroit, Mich. — Jas. H. Cole, four-st'y double brick
store, 153-155 Gratiot Ave.; cost, \$8,000.

Mortimer L. Smith & Son, 5 three-st'y brick
stores, 133-141 Gratiot Ave.; cost, \$38,000.

M. Rosenbaum, two-st'y store and flats, One Hun-
dred and Fifteenth St., near Front St.; cost, \$3,000.

E. Pusey, three-st'y store and flats, 1012 Stony
Island Ave.; cost, \$6,000.

Frank Planteck, two-st'y store, flats and shed, 8256
Loomis St.; cost, \$3,700.

BUILDING INTELLIGENCE.

New York, N. Y. — One Hundred and Fifty-second
St., n s, 150' e Courtland Ave., three-st'y brick
stable, tar and gravel roof; cost, \$20,000; owner, S.
Niewenhous, 18 East One Hundred and Twenty-
sixth St.

STORES.

Cincinnati, O. — Windisch Muhlhauser Co., brick
and stone stores and flats, s s Twelfth St.; cost,
\$12,000; architect, Adam Bast.

TENEMENT-HOUSES.

Boston, Mass. — Hancock St., Nos. 422 and 424, Ward
6, four-st'y brick tenement and store, flat roof, 23.6'
x 54'; owner, Morris Gatlow; builder, M. Gutlow.

Brooklyn, N. Y. — Dikeman St., s s, 95' e Richard
St., 3 four-st'y frame tenements, tin roofs; cost,
\$6,000 each; owner, P. Hayes, 40 South Ninth St.;
architect, Helmer Westeen, 180 South Elliott Pl.

THEATRES.

Portsmouth, O. — Crapsey & Brown, of Cincinnati,
O., have been employed as architects for the new
opera-house; to be of brick and stone; cost, about
\$30,000.

WAREHOUSES.

Baltimore, Md. — Mrs. Caroline S. Dulin will build
four-st'y brick warehouse, n s Fayette St., bet.
Charles and Liberty Sts.

Jno. W. Nicoll will build three-st'y brick ware-
house, e s McDermerry's Wharf.

MISCELLANEOUS.

Boston, Mass. — St. Botolph St., cor. Harecourt St.,
Ward 11, three-st'y brick studio building, flat roof,
70' x 120'; owner, J. R. Coolidge; builders, W. A.
Low & Son.

Chicago, Ill. — J. F. Miller, 8 one-st'y dormitories,
Nutt and Seventy-third Sts.; cost, \$4,800.

Peter De Tumble, one-st'y laundry, 6022-6024
Madison Ave.; cost, \$3,000.

Peter Schoenhofen Brewing Co., two-st'y bottling
department, 12-18 Burlington St.; cost, \$25,000.

N. K. Fairbank & Co., two-st'y machine and stor-
age houses, 221-223 West Nineteenth St. and 1912-
1914 Wentworth Ave.; cost, \$15,000.

Are Light Power Co., one-st'y power-house, C. &
W. I. R. K. tracks and Fifty-sixth St.; cost, \$20,000.

John McChesney, 2 three-st'y dormitories, Seven-
tieth St. and Madison Ave.; cost, \$17,000.

Chicago College of Dental Surgery, five-st'y col-
lege, 768-784 West Harrison St.; cost, \$25,000.

Cincinnati, O. — John Maus, brick and stone build-
ing, 235-239 Sycamore St.; cost, \$3,500; architect,
S. Piket.

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tilating.

BUILDING INTELLIGENCE.

Detroit, Mich. — Jacob Beck & Son, three-st'y brick
elevator and mill, 243-245 Congress St.; cost, \$12,000.

The plans of Spier & Rohns have been adopted
for the new Detroit Chamber of Commerce. Pro-
fessor Ware, of Columbia College, was the invited
judge to pass upon the merits of thirteen sets of
designs. The building will be eleven stories, and
cost about \$400,000.

New York, N. Y. — Stanton St., No. 272, four-st'y
brick workshop, tin roof; cost, \$3,000; owner, Jos.
Goldstein, 272 Stanton St.; architects, Kurtzer &
Rohe, cor. Third Ave. and Seventh St.

Philadelphia, Pa. — North Seventh St., No. 1217,
brick and stone casino for Henry Phaelzer; archi-
tect, A. C. Wagner, 514 Walnut St.

Dickinson St., e Meadow Ave., brick storehouse;
owner, Spreckles Sugar Refinery Co., Reed St.
Wharf.

St. Joseph's Ave., n s, e Eighteenth St., four-st'y
brick carriage house; builders, B. Ketcham & Sons,
1029 Brown St.

St. Louis, Mo. — Two-st'y brick market house; cost,
\$6,000; owners, Nelson Morris & Co.; contractor,
F. Menke.

Three-st'y brick orphan home; cost, \$100,000;
owner, Catholic Orphan Home; contractor, T. J.
Kelly.

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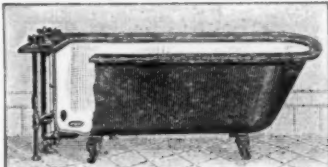


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BUILDING INTELLIGENCE.

Tonawanda, N. Y. — W. H. Archer, architect, Buffalo, N. Y., has prepared plans for a three-story block for P. Scanlon.

Worcester, Mass. — Orient St., frame storehouse; owner and contractor, Chas. C. Berard.

COMPETITIONS.

EXTENSION OF TIME.

The time for sending in the designs in the Copley Square Competition (see announcement below) has been extended to April 24.

H. LANGFORD WARREN,
Secretary.

REMODELLING AND EMBELLISHMENT OF COPLEY SQUARE.

[At Boston, Mass.]

CONDUCTED UNDER THE AUSPICES OF THE BOSTON SOCIETY OF ARCHITECTS, February 23, 1893.

The importance of Copley Square as one of the most conspicuous architectural centres of Boston, and the opportunity it offers for a really noble monumental treatment, have impelled the Boston Society of Architects to consider seriously the best method of bringing about so desirable a result.

It is believed that if a considerable number of designs for such a treatment can be brought together and shown to the public as the result of educated professional study, we shall have taken an important step towards creating a serious interest in the matter on the part of the public, and towards inducing a wise and instructed action by the City Government.

The Society has accordingly determined to invite all persons professionally interested in the solution of such a problem as is here presented — whether architects, sculptors, engineers or landscape architects — to send in designs in accordance with the following programme; it being understood that this step is taken by the Society of its own motion, and without authority from any official source; and that no assurance can be offered to the competitors that their designs will ever be considered by the City Government, with whom alone rests the power to carry any design into execution.

CONDITIONS GOVERNING THE COMPETITION.

1. Every design must be illustrated by a plan drawn to a scale of 1-32 inch to the foot, and by a perspective, or bird's-eye view, and by such additional drawings as the author may wish to furnish; the style and number of drawings being left to the competitor.

2. All drawings must be mounted on cardboard, not larger than half an antiquarian sheet, 26 x 30 inches; no stretchers or frames to be used.

3. Each design must include some monumental feature in the centre of the Square, of whatever character the author may determine, and competitors are reminded that this necessitates a consideration of a

COMPETITION.

new disposition of the tracks of the surface railways.

4. All drawings must be signed with the name and address of their authors, and must be sent on or before April 24, 1893, to the Secretary of the Society, — H. Langford Warren, No. 9 Park Street, Boston.

5. The Society offers five prizes of \$50 each for the five designs which shall be adjudged to be the best, by a jury of experts to be appointed by the Committee.

Note. — An outline bird's-eye view of the Square and its surroundings upon drawing-paper will be sent on receipt of application accompanied by 25 cents.

It is hoped that the designs received may be put on public exhibition; but the Committee engage that no design shall be exhibited without the consent of its author, nor without giving him the opportunity to copyright it should he so desire, and each competitor is therefore requested to state whether or not he is willing that his design should be included in the exhibition, and if he desires that it should be copyrighted, to enclose \$1.00 to cover the fees therefor.

All drawings will be returned to their owners as soon as possible after the proposed exhibition.

H. LANGFORD WARREN, Secretary,
9 Park St., Boston, Mass.

PROPOSALS.

TRUANT-SCHOOL.

[At North Chelmsford, Mass.] Sealed proposals will be received at the office of the County Commissioners of Middlesex County, Mass., at the Court-house at East Cambridge, Mass., until Saturday, April 15, 1893, at 11 A. M., for furnishing all the labor and materials for building a truant-school at North Chelmsford, Mass.

Plans and specifications can be seen at the office of the architects, Wait & Cutter, No. 70 Kilby Street, Boston, Mass., at the Court-house at East Cambridge, Mass., at the Court-house at Lowell, Mass., and at the Mechanics' Exchange, Lowell, Mass.

The County Commissioners reserve the right to reject any or all proposals.

J. HENRY READ,
SAMUEL O. UPHAM,
FRANCIS BIGELOW,
Commissioners of Middlesex County.

901

Treasury Department, Office Supervising Architect, Washington, D. C., March 22, 1893. Sealed proposals will be received at this office until 2 o'clock P. M. on the 18th day of April, 1893, and opened immediately thereafter, for all the labor and materials required for the basement and area walls, first-floor beams, iron columns in basement, etc., of the United States Post-office building at Aurora, Ill., in accordance with the drawings and specification, copies of which may be had at this office, or the office of the Superintendent, at Aurora, Ill. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of proposal.

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PROPOSALS.

The right is reserved to reject any or all bids, and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All bids received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes, sealed, and marked "Proposal for Basement and Area Walls, etc., for the United States Post-office building at Aurora, Ill.," and addressed to W. J. EDBROOKE, Supervising Architect. 902

Treasury Department, Office Supervising Architect, Washington, D. C., March 24, 1893. Sealed proposals will be received at this office until 2 o'clock P. M. on the 20th day of April, 1893, and opened immediately thereafter, for all the labor and materials required for the erection and completion, including approaches, of the United States Post-office, Court-house and Custom-house building at Reidsville, 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, at Reidsville, N. C. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any and all bids, and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. Proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes, sealed, and marked "Proposal for the Erection and Completion, including Approaches, of the United States Post-office, etc., building at Reidsville, N. C.," and addressed to W. J. EDBROOKE, Supervising Architect. 902

Proposals for Marble-work. Office of Building for Library of Congress, 145 East Capitol Street, Washington, D. C., March 16, 1893. Sealed proposals for furnishing, delivering and putting in place, complete, the polished white-marble wainscoting and stairs required in the basement of the main stair-hall and four basement corridor angles of the Building for the Library of Congress, in this city, will be received at this office until 2 o'clock P. M. on Thursday, the 6th day of April, 1893, and opened immediately thereafter in presence of bidders. Specifications, general instructions and conditions, and blank forms of proposal may be obtained on application to this office, BERNARD R. GREEN, Superintendent and Engineer. 901

Treasury Department, Office Supervising Architect, Washington, D. C., March 20, 1893. Sealed proposals will be received at this office until 2 o'clock P. M. on the 12th day of April, 1893, and opened immediately thereafter, for the alterations and improvements of the United States Marine Hospital buildings at Vineyard Haven, Mass., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Custodian, at Vineyard Haven. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any and all bids, or to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes, sealed, and marked "Proposal for Alterations and Improvements of the United States Marine Hospital Buildings at Vineyard Haven, Mass.," and addressed to W. J. EDBROOKE, Supervising Architect. 901

HINTS ON PLUMBING.

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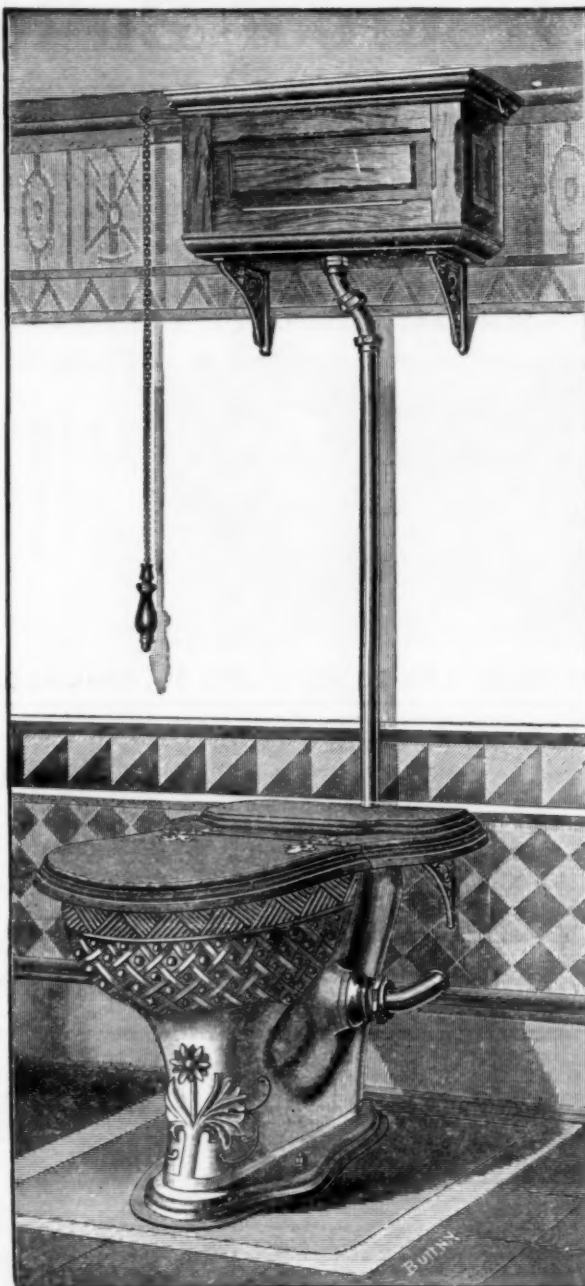
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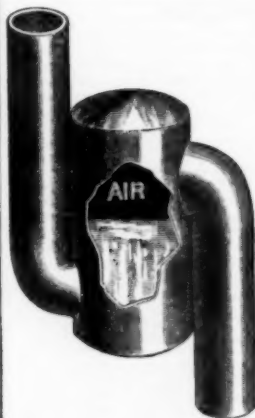
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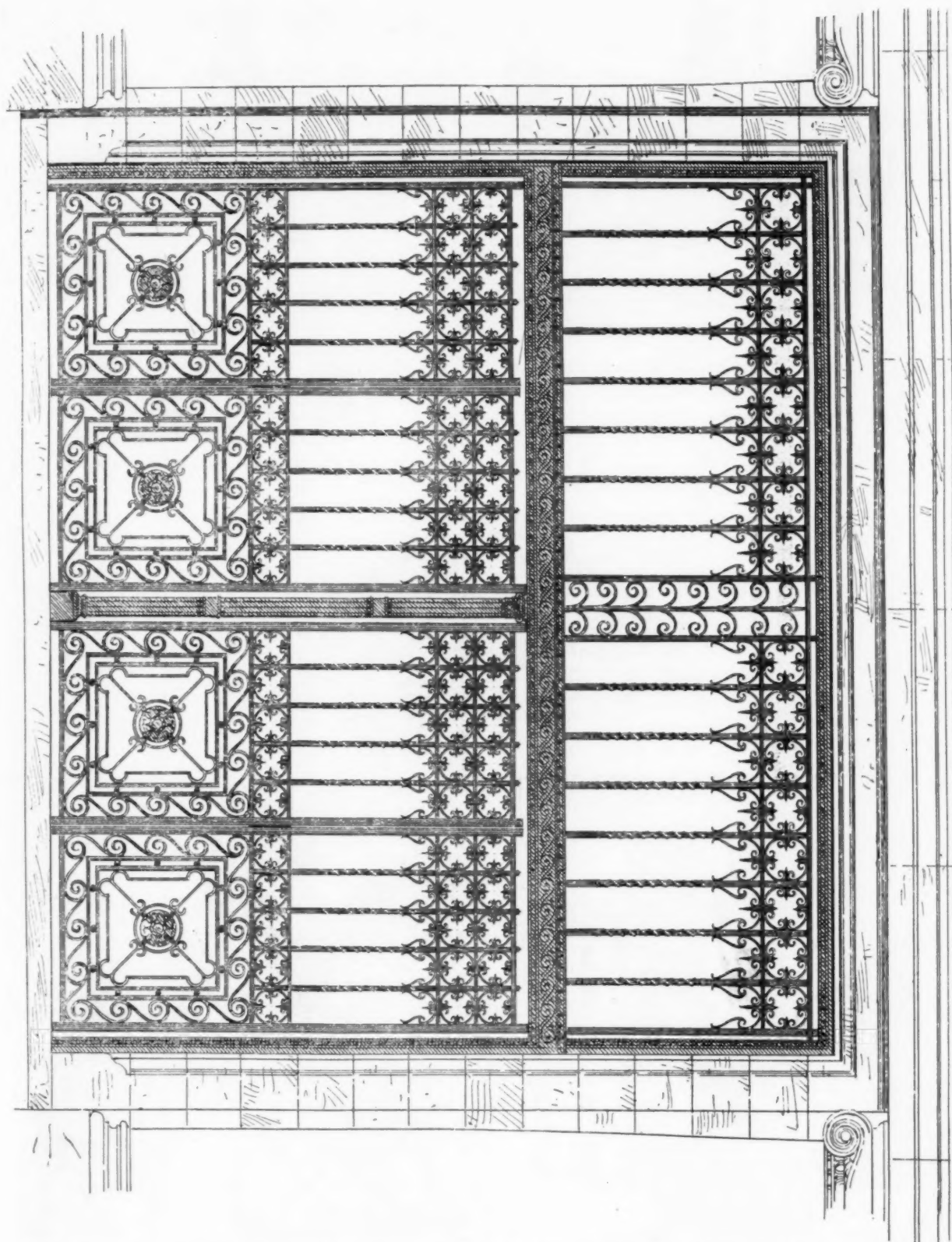
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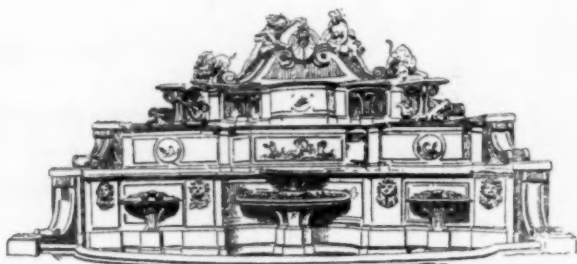
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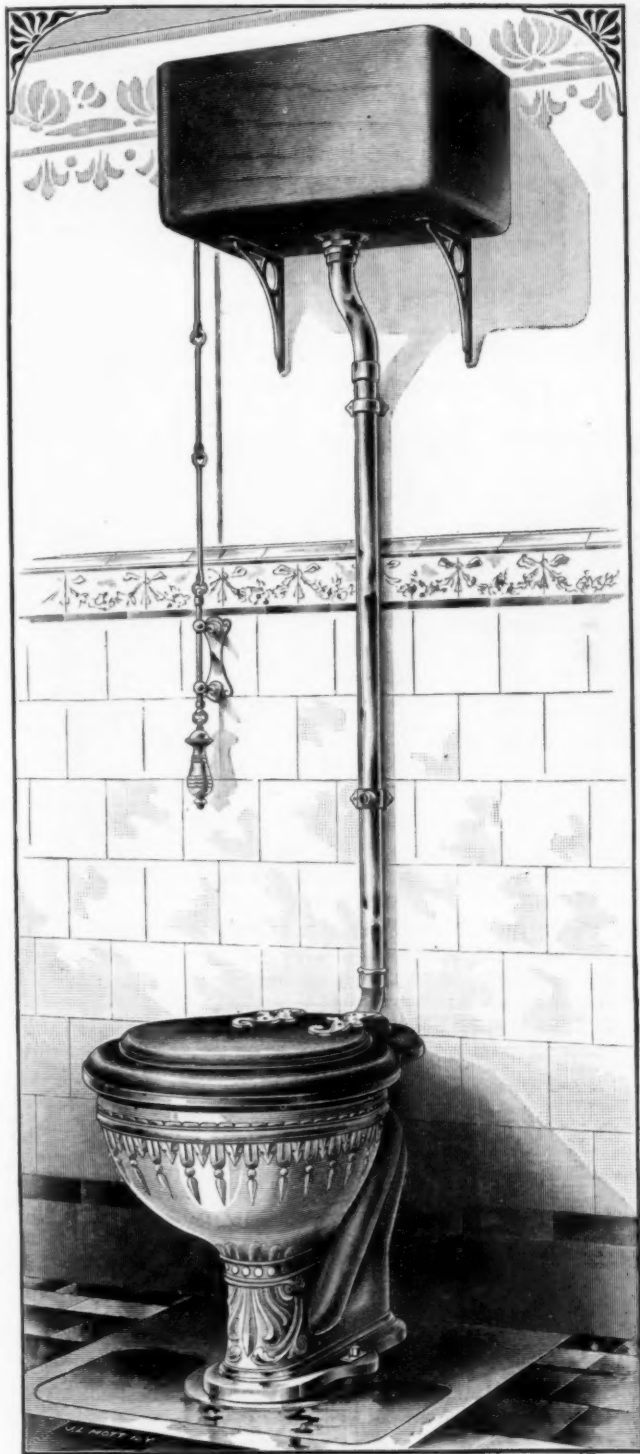
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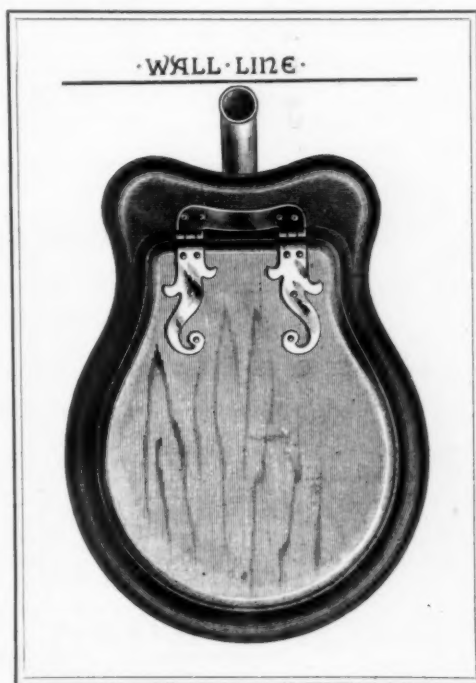
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PLATE II39 C.

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Subways Illinois Central Depot, Chicago, B. L. Gilbert, Architect.
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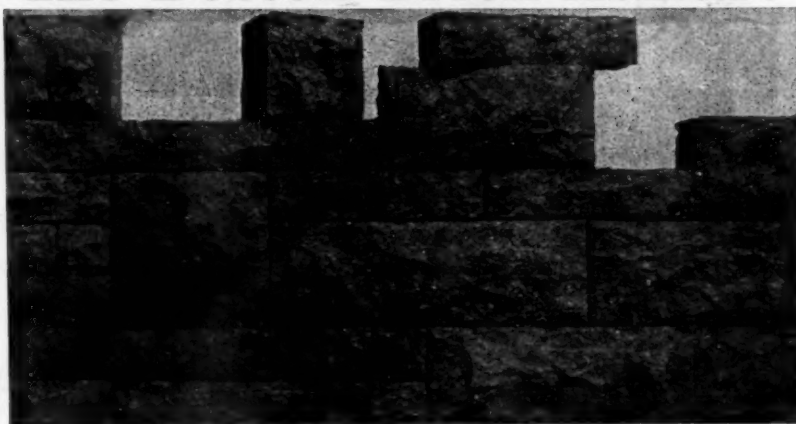
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Grove & Co., Washington, D. C.

Air Valves. Hodge Bros., Boston, Mass.

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Asbestos Felt. H. F. Watson Co., Erie, Pa.

Asbestos Paint. H. W. Johns Mfg Co., New York.

Asphalt. Neuchatel Asphalt Co., New York.

Asphalt Roofing. New York Asphalt Works, New York, N. Y.

Asphalt Roofing. Warren Chemical & Mfg Co., New York.

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Boilers. Boston Blue Print Co., Boston, Mass.

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Books and Journals. Wm. T. Comstock, New York.

Books and Journals. Engineering Record, New York, N. Y.

Books and Journals. Heusinger & Spielmeier, New York, N. Y.

Books and Journals. Tiekman & Co., Boston.

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Brick Ashlar. Fiske, Homes & Co., Boston.

Brick (Colored). Jarden Brick Co., Philadelphia, Pa.

Brick (Ornamental). Fleming Cement & Brick Co., New York.

Brick Machine. Hydraulic Press Brick Co., St. Louis.

Brick Machine. Waldo Bros., Boston.

Brick Machine. The Fry, Sheckler Co., Bucyrus, O.

Bronze and Brass Work. Bureau Bros., Philadelphia, Pa.

Bronze and Brass Work. M. J. Power, New York.

Bronze and Brass Work. Paul & Cabaret, New York, N. Y.

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Elevators, etc. Graves Elevator Co., Rochester, N. Y.

Elevators, etc. Volney W. Mason & Co., Providence, R. I.

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Elevators, etc. Otis Brothers & Co., New York.

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Fireproof Lathing. Prince & Muir, New York, N. Y.

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Floors (Hardwood). Wood Mosaic Co., Rochester, N. Y.

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Floors (Inlaid). National Wood Mfg Co., N. Y.

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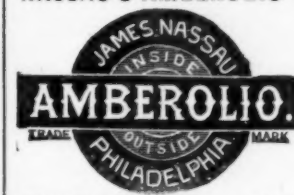
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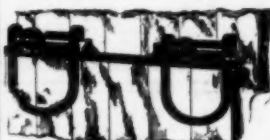
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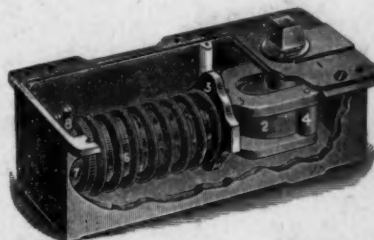
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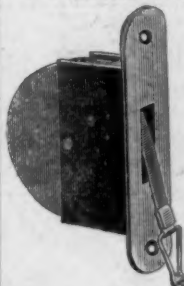
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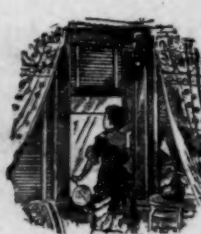
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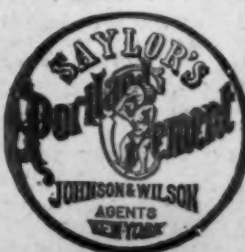
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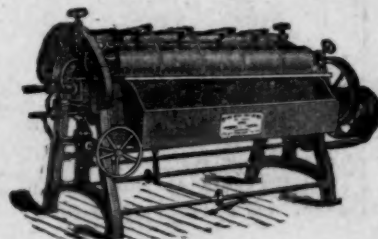
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PATENTED. AUTHORIZED.

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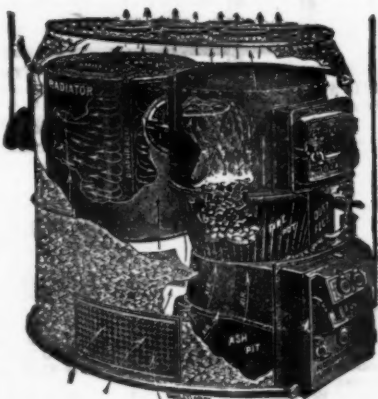
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LUMBER. - P. M.

Boards: (Ordinary dimensions.)

Pine, 1st quality, clear.....
" 2d quality.....
" 3d quality.....
Spruce.....
Hemlock.....
Yellow pine.....
Cypress.....

Clapboards:

Pine.....

Spruce.....

Framing Timber:

Pine.....

Spruce.....

Hemlock.....

Yellow pine.....

Laths:

Pine.....

Spruce.....

Shingles:

Pine, shaved..... P. M.....

Pine, sawed..... "

Spruce, sawed..... "

Redwood..... P. 125.....

Cedar split..... P. M.....

Cedar sawed..... "

Cypress split..... 7 x 24.....

Miscellaneous:

Piles..... P. ft.....

Fence pickets, Common.....

Cedar posts, 9 ft. (sq. posts.).....

Chestnut posts.....

Finishing Woods: P. M. (First Qual.)

Ash..... (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. lb.....

Spruce floors (clear, kiln-dried).....

Walnut, black.....

Whitewood.....

Yellow pine..... P. M.....

New York.

Boston.

Chicago.

Philadelphia.

(Wholesale Prices.)

(Prices to Builders and Contractors.)

65 00 @ 75 00	55 00 @ 70 00	42 00 @ 50 00	48 00 @ 55 00
55 00 @ 60 00	42 00 @ 50 00	27 00 @ 38 00	40 00 @ 45 00
18 00 @ 22 00	35 00 @ 40 00	14 00 @ 20 00	30 00 @ 35 00
14 50 @ 25 00	14 50 @ 25 00	Not sold.	16 00 @ 20 00
ea 134 @ 14	13 00 @ 15 00	@ 12 00	11 25 @ 13 50
20 @ 40	25 00 @ 35 00	21 00 @ 34 00	14 00 @ 29 00
@	31 00 @ 40 00	18 00 @ 34 00	@ 35 00
@	38 00 @ 80 00	19 00 @ 24 00	14 00 @ 25 00
@	23 00 @ 38 00	Not sold.	Not sold.
14 00 @ 18 00	15 50 @ 18 00	12 00 @ 17 50	25 00 @ 37 30
12 00 @ 16 00	13 00 @ 15 00	Not sold.	16 00 @ 18 00
18 00 @ 21 00	22 00 @ 35 00	10 00 @ 13 00	13 00 @ 17 00
@	@	24 00 @ 34 00	22 00 @ 28 00
@ 2 50	2 25 @ 2 50	@ 2 65	2 75 @ 3 00
@ 2 50	2 35 @ 3 00	Not sold.	2 30 @ 3 00
5 00 @ 6 00	@	Not sold.	@
4 00 @ 5 00	@ 4 50	2 60 @ 3 15	@
1 50 @ 2 00	1 50 @ 00	Not sold.	@
1 40 @ 1 60	3 75 @ 4 00	6 00 @ 7 50	39" @ 35 @ 40
@	@	Not sold.	24" @ 8 @ 31
@	2 00 @ 4 00	2 60 @ 2 75	20" @ 35 @ 14
18 00 @ 20 00	5 00 @ 6 00	3 50 @ 4 00	11 00 @ 14 00
44 @ 54	Piles 6c. P. ft.	Cut to order.	
8 00 @ 10 00	10 00 @ 18 00	P. 10 00 @ 22 00	9 00 @ 13 00
@	25 @ 50	9 @ 21	40 @ 1 25
@	25 @ 50	Not sold.	20 @ 30
@ 55 00	45 00 @ 60 00	14 00 @ 30 00	42 50 @ 47 50
80 00 @ 120 00	80 00 @ 120 00	35 00 @ 90 00	100 00 @ 120 00
40 00 @ 60 00	60 00 @ 70 00	17 00 @ 35 00	70 00 @ 80 00
@ 180 00	45 00 @ 50 00		
@ 350 00	150 00 @ 160 00	110 00 @ 170 00	150 00 @ 250 00
45 00 @ 50 00	120 00 @ 350 00	200 00 @ 250 00	200 00 @ 400 00
@ 70 00	45 00 @ 50 00	12 00 @ 20 00	25 00 @ 55 00
@ 70 00	@ 50 00	17 00 @ 27 00	42 50 @ 55 00
@ 90 00	50 00 @ 55 00	16 00 @ 28 00	45 00 @ 55 00
	65 00 @ 75 00	34 00 @ 40 00	60 00 @ 75 00
	50 00 @ 65 00	25 00 @ 28 00	57 50 @ 65 00
	50 00 @ 75 00	33 00 @ 50 00	@ 65 00
	60 00 @ 70 00	40 00 @ 45 00	60 00 @ 75 00
	@ 6	per M. 000 00	
	32 00 @ 35 00		
	85 00 @ 120 00	40 00 @ 75 00	50 00 @ 170 00
	45 00 @ 50 00	14 00 @ 30 00	25 00 @ 40 00
	40 00 @ 45 00	31 00 @ 34 00	@ 45 00

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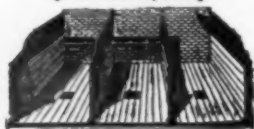
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BUILDING MATERIALS.

Reported for the American Architect and Building News.

	New York.	Boston.	Chicago.	Philadelphia.
	(Wholesale Prices.)	(Prices to Builders and Contractors.)		
BRICK.—P. M.				
Common: Cargo afloat.				
Pale.....	2 25 @ 2 75	Eastern } 9 00 @ 10 00	Building Brick	Sq. Hard @ 9 00
Jersey.....	4 50 @ 5 00	Bay State Hard	@ 9 00	Salmon @ 7 00
Long Island.....	@	7 00 @ 8 00	Indiana Pressed	Sq. " @ 5 00
Up River.....	5 00 @ 5 25	Domestic Com.	14 00 @ 20 00	Light Stretchers
Haverstraw Bay 2d.....	5 25 @ 5 50	9 50 @ 10 00	St. Louis Fronts	Medium " @ 10 00
" 1st.....	5 50 @ 5 75	Domestic Face	@ 27 00	Red " @ 12 00
Hollow.....	@ 13 00	20 00 @ 22 00		Dark " @ 13 00
Fronts:		Philadelphia }		Pressed " @ 13 00
Croton, Brown.....	@ 12 00	40 00 @ 45 00		Best Paving " @ 20 00
" dark.....	@ 13 00	Phila. mould }		Second " @ 14 00
" red.....	@ 13 00	50 00 @ 50 00		Third " @ 13 00
Chicago pressed (Anderson).....				Dom. { @ 65
" Moulded.....				@ 85
Baltimore.....	37 00 @ 41 00			
Philadelphia.....	23 00 @ 24 00			
Trenton.....	19 00 @ 20 00			
Milwaukee.....				
Moulded:				
Glens Falls Red Pressed.....	@ 37 00			
" Buff.....	@ 30 00			
" Moulded Red & Buff.....	45 00 @ 70 00			
Enamelled: Imp.				
Enamelled (edge).....	85 00 @ 100 00			
Enamelled (edge and end).....	90 00 @ 115 00			
CEMENT, LIME, etc.—(P. M.)				
Rosendale Cement.....	1 00 @ 1 10	1 15 @ 1 25	Not sold.	1 30 @ 1 50
Louisville.....		Brooks, S. & Co.	1 05 @ 1 15	BS&Co 2 75 @ 3 00
Utica, Akron, Buffalo, Milwaukee.....	Not sold.	2 40 @ 2 75	1 00 @ 1 10	2 85 @ 3 25
Portland, English (Gibbs).....	2 25 @ 2 50	2 40 @ 2 75	3 00 @ 3 10	2 85 @ 3 15
" " (K. B. & S.).....	2 50 @ 3 00	2 40 @ 2 75	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross.....	2 25 @ 2 50	2 40 @ 2 75	3 00 @ 3 25	2 85 @ 3 15
" " (Burnham).....	2 50 @ 2 50	2 40 @ 2 75	2 90 @ 3 15	2 75 @ 2 85
" " (White's).....	2 65 @ 3 00	2 40 @ 2 75	3 00 @ 3 25	
" French (Lafarge).....	3 00 @ 3 75	@ 5 00	3 75 @ 4 25	
" German (Alsen).....	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	
" " (Fowor).....	2 25 @ 2 40		3 20 @ 3 40	
" " (Vorwöhler).....	2 50 @ 2 90			
" " (Lagerdoerff).....	@	2 40 @ 2 75	2 75 @ 3 00	
" " (Dyckerhoff).....	2 60 @ 2 90	3 00 @ 3 50	3 25 @ 3 50	
" " (Hanover).....	2 50 @ 3 00	Condor 2 50 @ 2 75	Not sold.	
" " Stettin (Anchor).....	2 35 @ 2 85	Wedge 2 40 @ 2 75	Not sold.	
" American (Saylor's).....	1 75 @ 2 00	2 15 @ 2 50	2 60 @ 2 70	
Roman.....	2 75 @ 3 00	@ 3 50	2 75 @ 3 25	
Keene's coarse.....	4 50 @ 5 30	@ 6 00	6 00 @ 7 00	
" superfine.....	5 00 @ 5 50	7 00 @ 9 00	9 00 @ 10 50	
Lime:				
Lime of Tell.....	3 50 @ 4 00		Not sold.	White Lime P bush
Hydraulic Lime.....	@ 1 45	@ 1 35	60 @ 70	25 @ 30
Chicago Lime in bulk.....		St. John 1 00	60 @	White Mash
Wisconsin Lime.....	@ 90	@ 1 05	Not sold.	1 25 @ 1 50
Rockland and Rockport, (Com.).....	@ 1 00	@ 1 20	1 00 bulk, 75c.	1 00 @ 1 00
Rockland and Rockport, finish.....	@ 1 20	@ 1 30	Not sold.	
Kelley Island Lime, finish.....	80 @	Not sold.	Not sold.	
State, com. cargo rates (nom.).....	1 05 @ 1 10	Not sold.	Not sold.	
State, finishing.....	1 40 @ 1 50	1 85 @ 2 00	1 85 @ 1 90	
Plaster of Paris (calcined).....	@ 1 60	@ 2 25	Not sold.	
" (casting).....	16 @ 18	25 @ 30	1 75 @ 1 90	
Hair (Cattle) P bush.....	18 @ 21	@ 30	16 @ 20	
" (Goat).....	1 00 @ 1 25	1 75 @ 1 90	30 @ 35	
Sand, P load.....			@ 60	
STONE. (P cubic foot, rough.)				
Granite: (Maine)		@ 60		
Limestone:				
Bedford.....	45 @ 1 25	95 @ 1 00	50 @	75 @ 85
Joliet.....	1 00		35 @ 55	Richmond
Lemont.....			35 @ 60	P 75 @ 1 50
Serpentine.....			@ 1 00	Perch 4 50 @ 5 50

10 50 per ton

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BUILDING MATERIALS.

New York.

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Foundation:

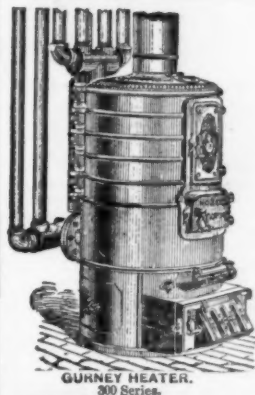
Wholesale Prices.)

(Prices to Builders and Contractors.)

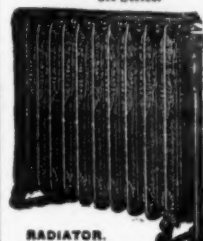
Dimension.....	5 00 @ ton.		20 @	5 00
Block.....	4 60 @ perch.		8 50 @	Conshocken
Rubble.....	1 25 @ 1 50			1 45 @ 2 50
Blue stone: (P sq. ft.)				
Sidewalk.....	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 25
Planed.....	50 @ 6 00	@ 75	50 @ 1 00	37 @ 50
Sandstone:				
Longmeadow.....	@ 80	80 @ 90		95 @ 1 05
Kibbe.....	@ 90	90 @ 1 10		
Brown (Connecticut).....	1 00 @ 90	1 25 @ 1 45	1 50 @ cub. ft.	1 05 @ 1 25
Amherst Ohio.....	90 @ 95	90 @ 1 00	45 @ 50	85 @ 95
Berea.....	75 @ 1 00	85 @ 90	45 @ 55	55 @ 75
Berlin.....	75 @ 1 00	80 @ 90	55 @ 65	85 @ 95
Belleville.....	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 00 @ 1 10
New Brunswick (Dorchester).....	@ 1 00	75 @ 90		1 05 @ 1 15
Caen.....	@	@ 2 00		1 25 @ 1 35
Carlisle, English.....	@ 1 05	@ 1 05		95 @ 1 05
Corse Hill (Scotch).....	@ 1 05	@ 1 05		95 @ 1 05
Marble: (P cu. ft.)				
Lee, Mass.....	@	1 75 @ 2 50	Not Sold.	2 00 @ 2 50
Rutland, white and blue.....	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls.....	1 25 @ 1 75	@ 2 00	3 50 @ 6 00	2 00 @ 3 00
Glens Falls, black.....	@	@	Not Sold.	4 00 @ 4 50
Italian, blue-veined.....	@	@	@ 4 40	2 50 @ 2 75
" Sienna.....	@	@	Not Sold.	@ 5 00
Tennessee, red.....	@	@	@ 4 40	4 00 @ 6 00
" Knoxville.....	@	@	@ 4 40	3 00 @ 4 00
Pennsylvania, blue.....	@	@	Not Sold.	2 00 @ 3 00
Vermont, white.....	@	@	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (P square).....				
" green.....	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" unfading.....	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple.....	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red.....	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	1 50 @ 10 25
" black, Lehigh.....	4 25 @ 4 75	@	6 25 @ 6 85	3 25 @ 4 00
" Chapman.....	@	@	7 30 @ 8 00	00 @ 4 65
" Unfading black, Monson, Mo.....	5 50 @ 8 00	5 50 @ 8 00	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	6 1/2 @ 7	7 @ 7 1/2	@ 7 1/2
" zinc.....	5 @ 8	@ 8	5 @ 10 1/2	@ 7
Red lead, Am.....	6 1/2 @ 7	6 1/2 @ 7	6 1/2 @ 7	@ 7 1/2
" Venetian.....	6 @ 10 1/2	7 @ 12	1 1/2 @ 2 1/2	@ 7
" Vermillion.....	65 @ 70	70 @ 5 dry	65 @ 68	Eng. @ 76
" Indian, Eng.....	12 @ 20	12 @ 20	12 @ 20	dry Am. @ 1 1/2
Yellow Ochre.....	6 @ 15	7 @ 12	3 @ 15	@ 18
" Chrome.....	12 @ 20	18 @ 25	15 @ 25	@ 21
Green (chrome).....	8 @ 13	8 @ 30	8 @ 20	@ 21
Green, Paris.....	25 @ 40	25 @ 40	18 @ 35	" 15 @ 20
Black, lamp.....	15 @ 25	15 @ 25	8 @ 30	8 @ 12
Blue, ultramarine.....	12 @ 18	18 @ 30	12 @ 35	10 @ 24
Oil, linseed, (raw).....	15 @ 62	51 @ 52	57 @ 60	@ 60
" boiled.....	58 @ 65	54 @ 55	60 @ 63	@ 63
Turpentine.....	36 @ 37	@ 40	40 @ 42	@ 44
Varnish, coach.....	@	1 50 @ 6 00	1 25 @ 2 00	1 25 @ 3 00
Shellac.....	@	2 50 @ 3 00	2 25 @ 4 00	1 50 @ 3 00
Putty.....	2 @ 4	2 @ 4	2 @ 2 1/2	2 @ 2 1/2
Whiting.....	75 @ 1 00	1 @ 1 1/2	1 @ 1 1/2	@ 1
Paris white, (Eng.).....	1 30 @ 2 00	2 @ 3	1 @ 2	1 1/2 @ 2
Litharge, Am.....	5 1/2 @ 6	6 1/2 @ 7	6 1/2 @ 7	@ 7 1/2
Sienna (burnt).....	14 @ 20	14 @ 20	4 @ 16	4 @ 14
Umber.....	14 @ 20	14 @ 20	2 @ 10	2 @ 13
HARDWARE.				
Nails: (Per Cask.) Spikes, (wrought).....	@ 2 85	@	2 35 @ 3 50	per keg @ 2 25
10d. common.....	@ 2 60	@ 2 20	@ 1 95	@ 2 30
Shingle.....	@ 3 35	@ 2 65	@ 2 35	@ 2 60
Lath.....	@ 4 85	@ 3 20	@ 3 25	3 60 @ 4 75
(Finishing nails according to size).....	@	@	Add .85 to \$2.25	per lb. 4 @ 6
(For casing nails add 75 c. per keg.).....	@	@	.50 to .90	Add per cask
Butts: 4" x 4"..... (P doz. pairs).....				2 90 (all kinds.)
Plain.....	@ 1 00	@ 1 20	@ 90	@ 90
Japanned.....	@ 1 50	@ 1 75	Not Sold.	1 35 @ 2 00
Acorn, Japanned.....	@ 1 50	@ 1 90	2 00 @ 3 75	1 35 @ 2 75
Ball Tip, Boston Finish..... (P pair).....	@ 65	@ 50	Not Sold.	48 @ 50
Bronze metal.....	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Brass (for cupboards).....	@ 10	@ 10	@ 12	@ 1 00
Ebony.....	@	@	@	@ 35
Apple wood.....	@	@	@	37 @ 1 00
Knobs: (P set.)				
Mineral, best.....	@ 8	@ 8	8 @ 10	@ 08
Lava.....	@ 50	@ 75	65 @ 80	Not Sold.
Homacite.....	Not Sold.	17 @ 33	31 @ 40	25 @ 50
Porcelain.....	@ 30	@ 10	25 @ 30	@ 25
Glass, solid.....	Not Sold.	@ 50	Not Sold.	1 00 @ 2 50
Glass, silvered.....	Not Sold.	88 @ 1 00	@ 1 50	1 75 @ 2 00
Bronze metal.....	75 @ 2 00	50 @ 3 00	50 @ 3 00	50 @ 3 50
Brass.....	1 00 @ 2 50	50 @ 3 00	1 00 @ 3 00	75 @ 1 25
Solder:				
Sheet Lead.....	@	@ 7 1/2	14 @ 16	13 1/2 @ 16
Lead Pipe.....	@	@ 6 1/2	6 @ 7	@ 6 1/2
Iron:				
I-Beams, up to and including 30 ft.....	3 3-10 @ 3 1/2	@ 3 4-10	@	@ 2 8-10
do. over 30 ft., 1/2 c. adv. for every 5 ft.....	3 3-10 @ 3 1/2	@ 3 4-10	2 50 @ 2 75	@ 2 8-10
Channel Beams.....			50 @ 2 75	@ 2 8-10

FLUCTUATIONS.

Boston, Mass. — With the advent of spring prices for all kinds of lumber indicate an upward tendency, pine having advanced \$5 and upwards per thousand. Turpentine has declined in price two cents per gallon from quotations of last week. Linseed-oil remains at last week's figures.



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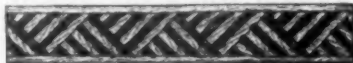
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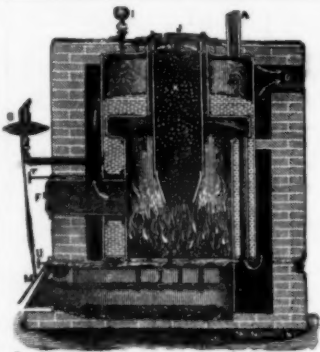
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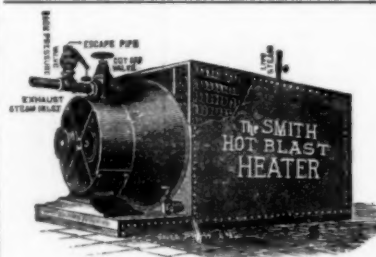
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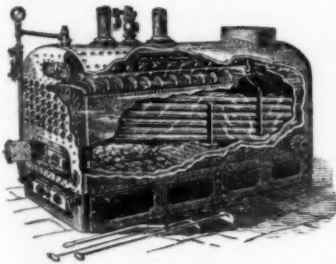
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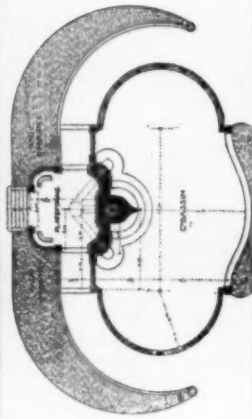
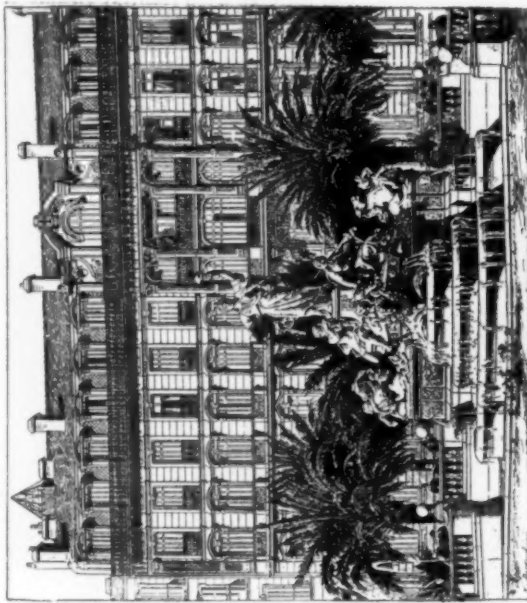
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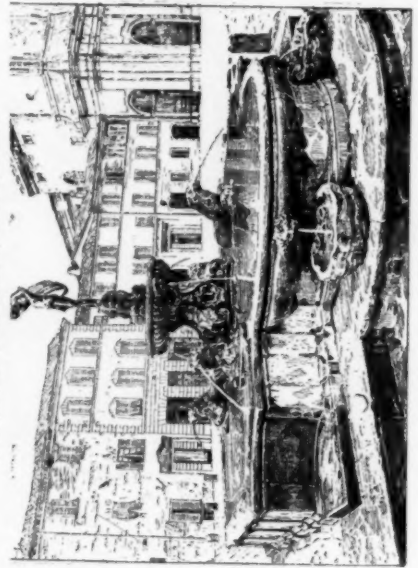
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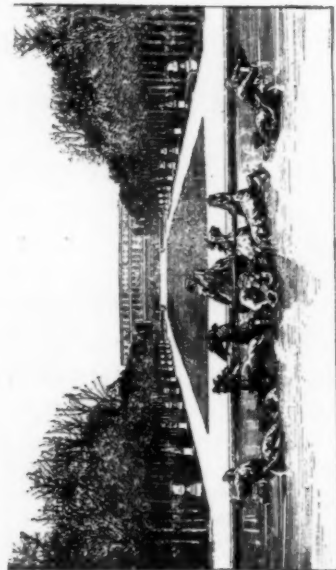
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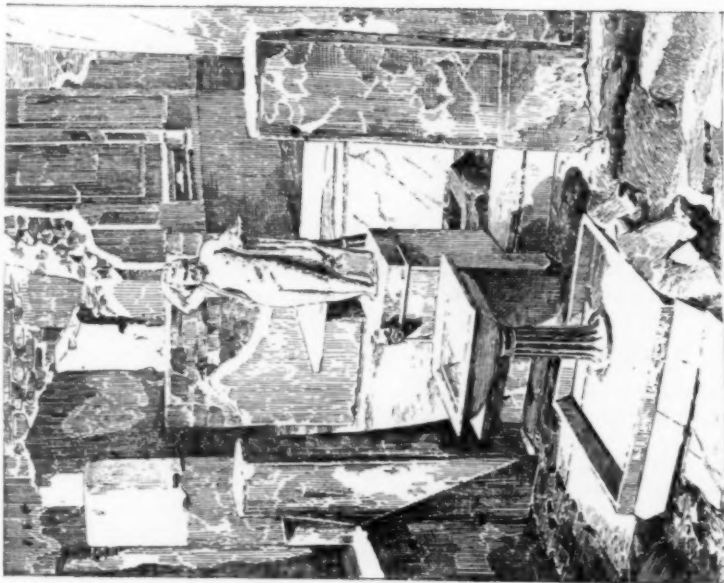
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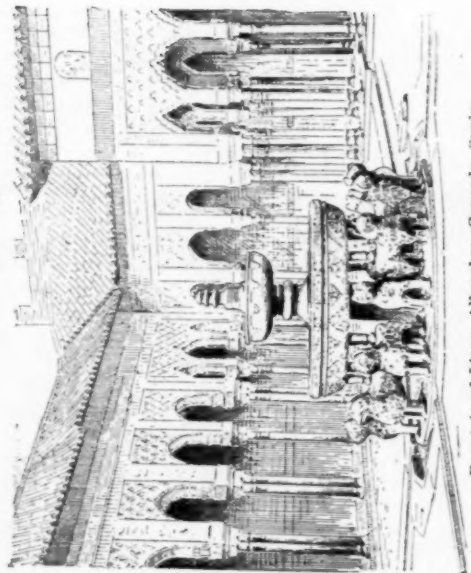
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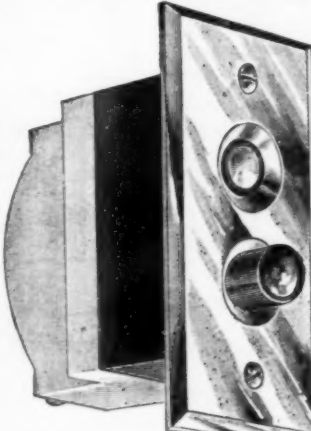
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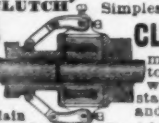


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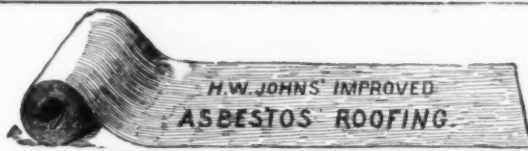
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TABLE OF CONTENTS.

[This Table localizes only the main groups. For a full enumeration of advertisements see Classified Index on pages vii, xxi, and xxii.]

Books.....viii.	Decorators.....xiii.	Heating Apparatus.....v, vi.	Patents.....xiv.	Skylights.....viii
Bricks.....xv.	Elevators.....xiii.	Indexes.....vii, xxi, xxii.	Plumbing Supplies.....xx.	Stained-glass.....ii, iii
Building News.....xv.	Fireproofing.....xiii.	Ironwork.....xvi.	Proposals.....xx.	Stone.....xxiii
Cements.....xxii.	Gas Apparatus.....xi.	Market Quotations.....iii, iv, v.	Publisher's Department.....xiv.	Terra-Cotta.....xxiv
Conductors.....ii.	Hardware.....xii.	Mortar Colors.....xxii.	Roofing.....ix.	Wants.....xiv

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(Continued on page xv.)

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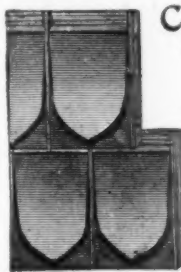
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494,337. ELECTRIC ANNUNCIATING PUSH-BUTTON.—John King, Chicago, Ill.
494,339. LIGHT-REFLECTOR.—William G. Marston, Boston, Mass.
494,342. STOVEPIPE THIMBLE.—David Myers, North Manchester, Ind.

Imports of Building Materials, Etc.,

AT THE PORT OF NEW YORK FOR THE
WEEK ENDING MARCH 31, 1893.

From Antwerp.—Steamer "Noordland," 750 barrels cement, order. Steamer "Nederland," 2,000 barrels cement, order.
From Bremen.—Ship "Baltimore," a lot of rock asphaltum, Sicilian Asphalt Paving Co.
From Colon.—Steamer "Alamo," 123 logs mahogany, W. L. Rathbun & Co.
From Frontera.—Steamer "Seneca," 8 logs mahogany, W. R. Grace & Co.
From Glasgow.—Steamer "Furnessia," 34 barrels enameled bricks, C. K. Weeks & Bros. Steamer "Corcoran," 445 cases granite, Austin Baldwin & Co.; 70 do., Brown & Magoun; 7,450 fire-bricks, 12 blocks building-stone, for Mexico.
From Hamburg.—Steamer "Dania," 1,160 barrels cement, order. Steamer "Venango," 392 bales asphalt, order.
From Hull.—Steamer "Marengo," 411 casks glazed bricks, Meeker & Carter.
From Liverpool.—Steamer "Teutonic," 13 cases cement, R. F. Downing & Co. Steamer "Cyclis," 3 casks brick samples, Wells, Fargo & Co.; 291 do. bricks, Howard Fleming; 57 do., Brown Bros. & Co.; 183 do., Howard Fleming; 13 logs mahogany, order.
From London.—Steamer "Mariposa," 500 casks cement, Fleming Cement and Brick Co.; 1,000 do., Baring Bros. & Co.; 500 do., Ladenburg, Thalmann & Co.; 500 do., order. Steamer "Europe," 1,000 casks cement, C. J. Stevens; 13 logs hardwood, 301 do. pad-oak, 1,500 barrels cement, order.
From Maracaibo.—Schooner "Robert P. Chandler," 50 logs cedar, Suzarte & Whitney.
From Panama.—Steamer "Alamo," 19 logs wood, D. M. Piza.
From Port Spain.—Bark "Robert S. Patterson," 1,150 tons asphalt, Sicilian Asphalt and Paving Co. Schooner "Madalene Conney," 1,050 tons asphalt, Barber Asphalt Co. Steamer "Burnley," 1 barrel asphalt, J. H. Archer & Co.; 1 box asphalt, Haynes & Boyle; 1,000 tons crude do., order.
From Santa Cruz, Cuba.—Bark "Driz," 2,061 logs cedar, order.

IMPORTS OF BUILDING MATERIALS, Etc

From Santiago De Cuba.—Bark "Sodium," 41 logs mahogany and cedar, G. Amsinck & Co.
From Southampton.—Steamer "Chester," 14 cases bricks, 72 girders, Merchants' Dispatch Co.
From Stettin.—Steamer "Venetia," 1,300 barrels Portland cement, E. Thiele; 2,560 do., order.
From Tampico.—Steamer "Seneca," 1 case asphalt, 36 logs cedar-wood, H. Marquardt & Co.
From Trinas de Zaza, Cuba.—Bark "Virginia L. Stafford," 1,639 logs cedar, H. W. Ericks & Co.; 410 do. mahogany, Willard Hawes & Co.
From Vera Cruz.—Steamer "Mexico," 187 blocks marble, J. W. Wilson & Co.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

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

ALTERATIONS.

Brooklyn, N. Y.—Bergen St., n. s. 100' w Vanderbilt Ave., two-st'y brick stable, tar and gravel roof, two-st'y brick extension, gravel roof, and other alterations; cost, \$4,500; owner, J. Simmons, 305 Flatbush Ave.; architect, J. D. McAuliffe, 319 Flatbush Ave.
Dean St., w. s. three-st'y frame dwell., tin roof, one-and-one-half-st'y frame extension, tin roof; cost, \$3,500; owner, L. Robbins, 88 Schenectady Ave.
Furman St., Central Pier, one-st'y frame storage-shed, felt and gravel roof, one-st'y frame extension, felt and gravel roof; cost, \$12,000; owner, Estate of John Watson, New York; architect, Gwinette Dey, 209 Montague St.
Germantown, Pa.—Alterations to dwell. of A. G. Elliott; architect, M. Fielding, 110 South Fourth St., Philadelphia.
Walnut Lane, alterations to dwell. of B. Ridgway; architect, M. Fielding, 110 South Fourth St., Philadelphia.
Philadelphia, Pa.—Adams and Jasper Sts., three-st'y addition to office; owners, James and George D. Bromley; architect, Walter H. Geisinger, s. w cor. Chestnut and Twelfth Sts.
Chestnut St., No. 925, alterations to Penn Mutual Building; architect, Lewis C. Hickman, Brown Bros.' Building, Fourth and Chestnut Sts.

APARTMENT-HOUSES.

Boston, Mass.—Main St., No. 98, Ward 5, four-st'y brick apartment and stores, flat roof, 26' x 64'; owner, J. S. Whitney; builder, J. B. Maynard.
Brooklyn, N. Y.—Tompkins Ave., s. e. cor. De Kalb Ave., 3 four-st'y brick apartment-houses, tin roofs; cost, \$50,000; owner, E. Freil, Jefferson Building; architect, George P. Chappell, 24 State St., New York City.

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BUILDING INTELLIGENCE.

Forty-sixth St., n s, 100' w Third Ave., 2 three-sty frame flats, tin roofs; cost, \$3,500 each; owner, Catherine Schneider, 688 Third Ave.; architect, J. G. Michel, 1118 Third Ave.

New York, N. Y. — Seventy-first St., s s, 100' w Avenue A, five-sty brick flat, tin roof; cost, \$25,000; owner, Edward Leisner, 402 East Fifty-eighth St.; architect, Frank Wennemer, 204 East Eighty-sixth St.

Clinton St., Nos. 11-13, five-sty brick flat, tin roof; cost, \$22,000; owner, D. Zimmerman, 13 Clinton St.; architect, William Graul, 215 Bowery.

Suffolk St., No. 139, five-sty brick flat, tin roof; cost, \$22,000; owner, Henry Wirth, 145 Delancy St.; architect, Charles Rents, 153 Fourth Ave.

Seventy-seventh St., s s, 100' w Avenue A, 2 five-sty brick flats, tin roofs; cost, \$38,000; owner, Geo. Schreiner, 104 West One Hundred and Twenty-first St.; architect, John Hauser, 1441 Third Ave.

Avenue A, s w cor. Seventy-seventh St., 4 five-sty brick flats, tin roofs; cost, \$92,000; owner, George Schreiner, 104 West One Hundred and Twenty-first St.; architect, John Hauser, 1441 Third Ave.

Brook Ave., n e cor. One Hundred and Forty-seventh St., 2 five-sty brick flats, tin roofs; cost, \$58,000; owner, John Schreiner, 104 West One Hundred and Twenty-third St.; architect, John Hauser, 1441 Third Ave.

Carmine St., Nos. 7-9, five-sty brick flat, tin roof; cost, \$25,000; owner, Anna Sutherland, 27 East Seventy-seventh St.; architects, A. B. Ogden & Son, 1831 Madison Ave.

One Hundred and Seventeenth St., s s, 50' w Manhattan Ave., 2 five-sty brick flats, tin roofs; cost, \$50,000; owner, John Shields, 7 East One Hundred and Twelfth St.; architect, John C. Burne, 101 West Forty-second St.

Broome St., five-sty brick flat, tin roof; cost, \$20,000; owner, Hermann Wertheimer, 121 Attorney St.; architect, Frederick Ebeling, 3 First Ave.

Downing St., s s, 74' w Bedford St., five-sty brick flat, tin roof; cost, \$28,000; owner, Samuel D. Smith, 1828 Anthony Ave.; architect, John Hauser, 1441 Third Ave.

Worcester, Mass. — Orange St., three-sty brick apartment block; owner, Mrs. M. L. Trask; contractor, O. C. Ward.

CHURCHES.

Derry, Pa. — Church will be built by the Catholic congregation.

Long Branch, N. J. — Brick and stone church will be built by St. Luke's congregation.

Petersburg, Va. — Harrison Waite, architect, is preparing plans for a new church for St. Joseph's Catholic Church, to cost about \$25,000.

Rock Hill, S. C. — The First Presbyterian Church will build an edifice to cost about \$15,000.

Worcester, Mass. — Piedmont St., frame church for Second Advent Church Society; contractors, Lackey & Peters; architects, Patston & Lincoln.

FACTORIES.

Philadelphia, Pa. — Bristol St., w Twenty-ninth St., brick factory; builder, Thomas J. Harbach, 3533 North Seventeenth St.

Second St., w s, s Cambria St., four-sty brick

BUILDING INTELLIGENCE.

factory; builder, John M. Anderson, 1321 South Eighteenth St.

Greens and Knox Sts., rear, s R. R. R., two-sty brick factory; builder, Hiram A. Miller, 1609 Allegheny Ave.

New York, N. Y. — Birington St., No. 237, six-sty brick factory, tin roof; cost, \$12,000; owner, James Mulholland, 415 West Forty-sixth St.; architect, James W. Cole, 403 West Fifty-first St.

Elizabeth St., Nos. 43-47, 2 seven-sty brick factories, tar and gravel roofs; cost, \$40,000; owner, Joseph W. Hamburger, 3 East One Hundred and Twenty-eighth St.; architect, J. Kastner, 744 Broadway.

Worcester, Mass. — Bloomingdale Road, four-sty brick factory for tannery; owners, Gatton & Knight; contractors, Norcross Bros.; architect, A. P. Cutting.

HOTELS.

Camden, N. J. — Chestnut St., s s, above Orchard St., 2 two-sty brick dwellings; owner, William Ross.

HOUSES.

Baltimore, Md. — John Rupp, three-sty brick building, n e cor. Mulberry St. and Clinton Ave.

Joe. M. Blackby, three-sty brick building, w s Carrollton Ave., bet. Lombard and Pratt Sts.

Joe. M. Cone, 6 three-sty brick buildings, w s Linden Ave., bet. Lafayette Ave. and Mosher St.

S. D. Hutt, 5 two-sty brick buildings, w s Dallas St.; and 4 two-sty brick buildings, s s Caroline St., n Lanvale St.

Charles Wacker, three-sty brick building, n s Pratt St., e Washington St.

J. W. Sindall, 2 three-sty brick buildings, beg. n e cor. Caroline and Federal Sts.

Thos. H. C. Roe, three-sty brick building, s e cor. Carey and Lombard Sts.; and two-sty brick stable in rear.

S. D. Price, 23 two-sty brick buildings, w s Holbrook St., beg. n w cor. Federal St.

J. F. Griffin, 12 three-sty brick buildings, s s Harlem Ave.; and 13 three-sty brick buildings, w s Monroe St., s Harlem Ave.

Somerville, Mass. — Webster Ave., cor. Tremont St., frame dwell., 25' x 45'; owner, Thomas F. Tighe; builder, John A. McInac.

Hancock St., frame dwell., 26' x 28'; owner and builder, C. A. Slager.

Ward St., No. 9, frame dwell., 22' x 29'; owner, Salvator Train; builder, Massimino Giglio.

Line St., near Smith Ave., three-sty frame dwell., flat roof, 25' x 50'; owner, Margaret Jones; builder, John McGirr.

Allen St., near Somerville Ave., three-sty frame dwell., 28' x 44'; owner, Mike Devine; builder, John McGirr.

Durham St., No. 25, frame dwell., 17' x 32'; owner, Louis O. Cate; builder, John McGirr.

Wigglesworth St., three frame dwellings, 27' x 28'; owners and builders, Hudson & Lewis.

Pearl St., cor. Wigglesworth St., frame dwell., flat roof; owner, Mrs. Dickinson; builders, Hudson & Lewis.

Wesley St., Nos. 14-16, two frame dwellings, 22' x 28'; owners and builders, Hudson & Lewis.

Jay St., frame dwell., 24' x 40'; owner and builder, D. E. Robbins.

Cypress St., near Beech St., three frame dwellings.

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24' x 36'; owner, H. W. P. Colson; builder, John Poingdester.

St. James Ave., near Elm St., frame dwell., 25' x 39'; owner and builder, W. J. Lamb.

Moreland St., near Main St., frame dwell., 26' x 44'; owner, Elizabeth J. Powers; builder, John E. Larkin.

Broadway, five frame dwellings, 26' x 40'; owner and builder, John Stackpole.

Cypress St., near Beech St., frame dwell., 26' x 31'; owner and builder, M. A. Robertson.

Oxford St., near Central St., three-sty frame dwell., flat roof, 27' x 47'; owner and builder, Walter Burton.

Broadway, cor. Cross St., double frame dwell., hip roof, 51' x 56'; owner and builder, L. P. Wyman; architects, E. K. & W. E. Blaikie.

Otis St., rear, No. 36, frame dwell., 22' x 32'; owner, M. D. Frost; builder, Alonzo Bowers.

Worcester, Mass. — Union Ave., three-sty frame dwell.; owner and contractor, P. J. McGrath.

Lincoln St., 2 three-sty frame dwellings; owner, Dennis O'Keefe; contractor, Cereal Le Francois.

Millbury St., 2 three-sty frame dwellings; owner, C. Rogers; contractors, Yates & Delaney.

PUBLIC BUILDINGS.

Bridgeport, Pa. — J. Charles Fulton, of Uniontown, is making plans for the town-hall and opera-house. The building will cost \$25,000.

SCHOOL-HOUSES.

Baltimore, Md. — The Humphrey Moore Institute will build a four-sty brick building, n e cor. Carey and Baltimore Sts.

Camden, S. C. — Building of school to cost about \$10,000 is contemplated.

STABLES.

Boston, Mass. — Bernard St., near Norfolk St., Ward 24, two-sty brick stable, flat roof, 37' x 40'; owner and builder, R. H. McDowell.

Melville Ave., rear, No. 17, Ward 24, one-sty frame stable, pitch roof, 28.6' x 44'; owner, F. W. Witcher; builder, F. O. Morris.

Chicago, Ill. — Joseph Sibel, two-sty barn, 65-67 West Eighteenth St.; cost, \$5,700.

Worcester, Mass. — Late St., one-and-one-half-sty frame stable; owner, Chas. Hardy; contractor, J. A. Larkham.

STORES.

Boston, Mass. — Blue Hill Ave., cor. Dewey St., Ward 20, one-sty frame store, flat roof, 25' x 49'; owner and builder, F. J. Fortunato.

Baxter St., near D St., Ward 13, three-sty frame store, flat roof, 22' x 38'; owner, Jas. Russell, Jr.; builders, H. S. & N. Black.

Brooklyn, N. Y. — Railroad Ave., s w cor. Fulton

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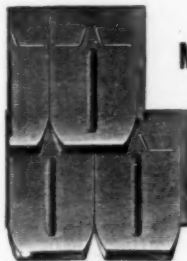
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THE "AMERICAN ARCHITECT" OF MARCH 4, 1893,
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THE "MANUFACTURER AND BUILDER" OF JANUARY, 1893.

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BUILDING INTELLIGENCE.

St., 2 three-sty frame stores and dwells, tin roofs; cost, \$8,000; owner, Fritz Kane, 115 Bergen St.; architect, Chas. Infanger, 126 Van Siclen St.
Reid Ave., s. s. 80' n Putnam Ave., four-sty brick store and dwell, tin roof; cost, \$10,000; owner and builder, P. B. Hanlon, 277 Prospect Ave.; architect, E. C. Ranson, 186 Remsen St.
Kent Ave., s. e. cor. North Second St., four-sty brick store and dwell, tin roof; cost, \$11,000; owner, Waterfeldt Bros., North Second St., near Kent Ave.; architect, J. L. Quesenbury, 1168 Fourth Ave.
Gates Ave., n. s. 300' w Sumner Ave., four-sty brick store and dwell, tin roof; cost, \$8,000; owner, Kate Acor, Jefferson Ave.; architect, L. Acor, Jefferson Ave.

Franklin Ave., No. 310, three-sty brick store and dwell, tin roof; cost, \$8,000; owner, Wm. Zimmermann, 310 Franklin Ave.; architect, H. G. Seboll, 217 Franklin Ave.

Chicago, Ill. — F. C. Gibbs, 2 two-sty stores 5636-5642 Stony Island Ave.; cost, \$3,500.
F. C. Gibbs, 7 one-sty stores, 5608-5616 Stony Island Ave.; cost, \$4,000.

P. H. Vanderbyl, 2 two-sty stores and flats, One Hundred and Nineteenth and State Sts.; cost, \$4,000.

Samuel Page, 2 one-sty stores, 232-238 Sixty-third St.; cost, \$3,000.
A. Jacobson, two-sty store and flats, 2145 Thirty-eighth St.; cost, \$3,500.

New York, N. Y. — Fifth Ave., w. s. 74' n Twenty-eighth St., six-sty brick store, tin roof; cost, \$50,000; owner, Charles A. Bandourne, 718 Fifth Ave.; architect, Alfred Zucker, Lincoln Building, Union Sq.

First Ave., s. s. 50' s Thirty-ninth St., two-sty brick store, tin roof; cost, \$4,000; owner, Edward F. McCluskey, 247 East Thirty-ninth St.; architects, Pfund & Horenburger, 682 East One Hundred and Fifty-ninth St.

Lafayette Pl., No. 30, eight-sty brick store, asphalt roof; cost, \$165,000; owner, Ferdinand H. Mela, 13 Astor Pl.; architects, Cleverdon & Putzell, 13 Astor Pl.

Jerome Ave., s. e. cor. One Hundred and Seventy-seventh St., one-sty brick store, tin roof; cost, \$4,000; owner, Henry L. Dreyer, 55 West One Hundred and Thirty-second St.; architect, Andrew Spence, 163 East One Hundred and Twenty-fifth St.

Jay St., No. 11, five-sty brick store, tin roof; cost, \$35,000; owner, Helen G. Le Conte, Philadelphia, Pa.; architect, Alfred Zucker, Lincoln Building, Union Square.

St. Louis, Mo. — Three-sty brick store and dwell; cost, \$8,000; owner, C. Wrausmann; contractor, A. S. Haines.

Two three-sty brick stores and dwells; cost, \$5,300; owner, W. Huelsmann; contractor, C. Lingemann.

Two-sty brick store and dwell; cost, \$2,500; owner, J. Dengler; contractor, F. Dengler.

Two-sty brick store; cost, \$15,000; owner, Puritan Realty Co.; contract, sub-let.

TENEMENT-HOUSES.

Boston, Mass. — East Fifth St., No. 688, Ward 14, three-sty frame tenement, hip roof, 21' x 60'; owner, W. K. Wilbur; builders, Berry & Watson.

Leyland St., near Burgess St., Ward 20, four-sty brick tenement, flat roof, 25.6' x 53'; owner, Louise J. Founier; builder, J. S. Founier.

New York, N. Y. — One Hundred and Fifty-second St., n. s. 138' w Third Ave., four-sty brick tenement, tin roof; cost, \$14,000; owner, John Henneberger, 683 East One Hundred and Fifty-second St.; architect, Anthony F. A. Schmitt, 604 Courtland Ave.

Twenty-third St., s. e. cor. Ninth Ave., five-sty brick tenement, tin roof; cost, \$14,000; owner, John Shady, 269 West One Hundred and Twenty-seventh St.; architect, John A. Shady, 269 West One Hundred and Twenty-seventh St.

Somerville, Mass. — Grand View Ave., three-sty frame tenement, flat roof, 24' x 50'; owner, G. M. White; builder, H. L. White.

WAREHOUSES.

Atlanta, Ga. — G. L. Norrman, architect, has prepared plans for Jno. Silvey & Co. for an eight-sty brick and granite warehouse; cost, abt. \$75,000.

Baltimore, Md. — The Eutaw Building Co. of Balti-

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BUILDING INTELLIGENCE.

more City will build a five-sty brick warehouse, n w cor. Eutaw St. and Cider Alley.

New York, N. Y. — Lexington Ave., s. s. 50' s One Hundred and Seventeenth St., one-sty brick warehouse, tin roof; cost, \$3,500; owner, Henry C. Kaster, 34 East One Hundred and Ninth St.; architect, Franklin Baylies, 51 and 52 Bible House.

MISCELLANEOUS.

Boston, Mass. — Dorchester Ave., No. 1202, Ward 24, two-sty frame mechanical building, flat roof, 29' x 50'; owners, Wilson & Bryant; builders, Pentz & Verge.

COMPETITIONS.

EXTENSION OF TIME.

The time for sending in the designs in the Copley Square Competition (see announcement below) has been extended to April 24.

H. LANGFORD WARREN,
Secretary.

REMODELLING AND EMBELLISHMENT OF COPLEY SQUARE.

[At Boston, Mass.]

CONDUCTED UNDER THE AUSPICES OF THE BOSTON SOCIETY OF ARCHITECTS, February 28, 1893.

The importance of Copley Square as one of the most conspicuous architectural centres of Boston, and the opportunity it offers for a really noble monumental treatment, have impelled the Boston Society of Architects to consider seriously the best method of bringing about so desirable a result.

It is believed that if a considerable number of designs for such a treatment can be brought together and shown to the public as the result of educated professional study, we shall have taken an important step towards creating a serious interest in the matter on the part of the public, and towards inducing a wise and instructed action by the City Government.

The Society has accordingly determined to invite all persons professionally interested in the solution of such a problem as is here presented — whether architects, sculptors, engineers or landscape architects — to send in designs in accordance with the following programme; it being understood that this step is taken by the Society of its own motion, and without authority from any official source; and that no assurance can be offered to the competitors that their designs will ever be considered by the City Government, with whom alone rests the power to carry any design into execution.

CONDITIONS GOVERNING THE COMPETITION.

1. Every design must be illustrated by a plan drawn to a scale of 1-32 inch to the foot, and by a perspective, or bird's-eye view, and by such additional drawings as the author may wish to furnish; the style and number of drawings being left to the competitor.

2. All drawings must be mounted on cardboard, not larger than half an antiquarian sheet, 26 x 30 inches; no stretchers or frames to be used.

3. Each design must include some monumental feature in the centre of the Square, of whatever character the author may determine, and competitors are reminded that this necessitates a consideration of a new disposition of the tracks of the surface railways.

4. All drawings must be signed with the name and address of their authors, and must be sent on or before April 24, 1893, to the Secretary of the Society, — H. Langford Warren, No. 9 Park Street, Boston.

5. The Society offers five prizes of \$50 each for the five designs which shall be adjudged to be the best, by a jury of experts to be appointed by the Committee.

COMPETITION.

Note. — An outline bird's-eye view of the Square and its surroundings upon drawing paper will be sent on receipt of application accompanied by 25 cents.

It is hoped that the designs received may be put on public exhibition; but the Committee engage that no design shall be exhibited without the consent of its author, nor without giving him the opportunity to copyright it should he so desire, and each competitor is therefore requested to state whether or not he is willing that his design should be included in the exhibition, and if he desires that it should be copyrighted, to enclose \$1.00 to cover the fees therefor.

All drawings will be returned to their owners as soon as possible after the proposed exhibition.

H. LANGFORD WARREN, Secretary,
9 Park St., Boston, Mass.

PROPOSALS.

TRUANT-SCHOOL.

[At North Chelmsford, Mass.]
Sealed proposals will be received at the office of the County Commissioners of Middlesex County, Mass., at the Court-house at East Cambridge, Mass., until Saturday, April 15, 1893, at 11 A. M., for furnishing all the labor and materials for building a truant-school at North Chelmsford, Mass.

Plans and specifications can be seen at the office of the architects, Wait & Cutter, No. 70 Kilby Street, Boston, Mass., at the Court-house at East Cambridge, Mass., at the Court-house at Lowell, Mass., and at the Mechanics' Exchange, Lowell, Mass.

The County Commissioners reserve the right to reject any or all proposals.

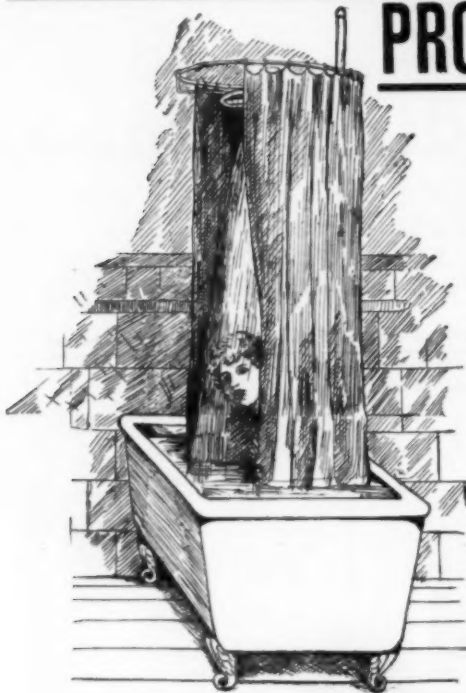
J. HENRY READ,
SAMUEL O. UPHAM,
FRANCIS BIGELOW,
Commissioners of Middlesex County.

902

Treasury Department, Office Supervising Architect, Washington, D. C., March 31, 1893. Sealed proposals will be received at this office until 2 o'clock P. M. on the 26th day of April, 1893, and opened immediately thereafter, for all the labor and material and fixing in place complete the low-pressure, return-circulation, steam-heating and ventilating apparatus and power-boiler, etc., in the United States Court-house and Post office building, at Springfield, Mo., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent, at Springfield, Mo. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids, and to waive any defect or informality in any bid, if it is deemed in the interest of the Government to do so. Proposals received after the time stated will be returned to the bidders. Proposals must be inclosed in envelopes, sealed, and marked "Proposal for the Low-pressure, Return-circulation, Steam-heating and Ventilating Apparatus, etc., for the United States Court-house and Post-office building at Springfield, Mo.," and addressed to W. J. EDBROOKE, Supervising Architect.

903

Treasury Department, Office Supervising Architect, Washington, D. C., March 24, 1893. Sealed proposals will be received at this office until 2 o'clock P. M. on the 20th day of April, 1893, and opened immediately thereafter, for all the labor and materials required for the erection and completion, including approaches, of the United States Post-office, Court-house and Custom-house building at Keldaville, 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, at Keldaville, N. C.



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NOTE TO SUBSCRIBERS.

The Publishers desire to point out to the Subscribers that *five extra plates* are given in the Fifth Part, which may be some excuse for the delay that has occurred in its publication. It is intended to issue a like number of Plates in the concluding Part, which will also contain Title-pages for binding the Work in two volumes; alphabetical and chronological lists of the plates and other illustrations, etc., together with "Remarks upon the introduction and development of the Style in England," by Mr. Gotch.

It may here be mentioned that when completed the Work will contain *Sixteen* more Plates than the number mentioned in the original prospectus, besides a great many more illustrations in the text, including a number of plans, some of which have not been obtained without difficulty. The success of the work has enabled the Publishers to make these additions without asking the Subscribers for any increase of the price, but they desire to make it known that immediately upon the issue of the sixth (and concluding) part the price will be raised to **SIXTY DOLLARS**, and they will be obliged by Subscribers helping them to prevent disappointment, by informing any of their friends who may wish to obtain a copy of the book of this intended increase.

211 TREMONT STREET, BOSTON, April, 1893.

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Treasury Department, Office Supervising Architect, Washington, D. C., March 22, 1893. Sealed proposals will be received at this office until 2 o'clock P. M. on the 18th day of April, 1893, and opened immediately thereafter, for all the labor and materials required for the basement and area walls, first-floor beams, iron columns in basement, etc., of the United States Post-office building at Aurora, Ill., in accordance with the drawings and specification, copies of which may be had at this office, or the office of the Superintendent, at Aurora, Ill. Each bid must be

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ALTHOUGH numerous works have been issued on single monuments or those of single cities or provinces, the mediæval styles of Italy are yet far from having received the attention they deserve.

A perfect sifting of the elements that went to make up the architecture of mediæval Italy is yet to be undertaken, and will require as a preliminary work that of investigating the origin of the Byzantine style and clearly defining it. In the meanwhile every little stone that can be carried to the building may be of some use, especially if it represent honest and careful investigation.

The Siculo-Norman monuments of Palermo and environs belong to the most exquisite gems of mediæval architecture, and, interesting as they are from a historic point of view, they are none the less so to the practical designer. There is probably no set of mediæval monuments in Italy which offers such a large and varied mass of suggestions as the Palermitan monuments. Fergusson justly refers to the Palatine chapel as the gem of mediæval interior decoration, and the same is no less true of La Martorana, while the fame of Monreale and its cloisters is too well-known to require mention.

The author recently made a journey to Sicily and during his stay there devoted his time to the study of the Norman monuments. This work therefore represents a study by a practical architect and the text simply attempts to familiarize the reader with the circumstances under which these wonderful monuments were created, and with some of the peculiar technical processes employed in their construction and decoration.

The work will be issued in four parts, on fine paper, 14 x 18, and publication will be begun very soon. It will contain, in all, fifty measured drawings of details, with keys to the coloring and materials used, and twelve full-page and twenty half-page views, photographed on the spot, and printed in part from gelatine and part from photo-grain process, besides some twenty sketches interspersed in the text.

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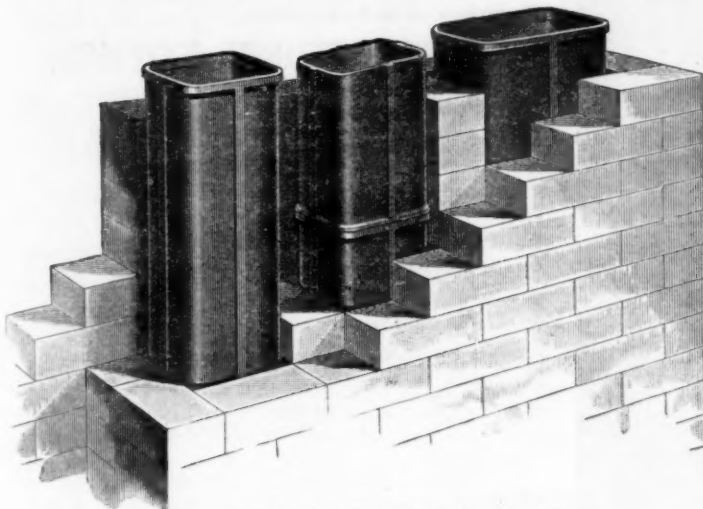
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Above illustration shows how Flue Lining should be built in.

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	8" x 8"	8" x 12"
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" " "	12	"
" " "	6	"
Throat Piece,		
T Joint,		
Starter,		
One-eighth Bend.		

THE new Building Law of New York for 1892 requires: "In all buildings hereafter erected every smoke-flue shall be lined on the inside with cast-iron or well-burnt clay, or fireproof terra-cotta pipe, from the bottom of the flue, or from the throat of the fireplace, if the flue starts from the latter, and carried up continuously to the extreme height of the flue. The ends of all such lining pipes shall be made to fit close together, and the pipe shall be built in as the flue or flues are carried up. Each smoke-pipe shall be enclosed on all sides with not less than four inches of brickwork properly bonded together."

The flue lining, as illustrated, is in strict accordance with the requirements of the new Building Law. The rounded corners of the lining will facilitate the travel of smoke, and give a better draught. The joints of linings are formed by hub and socket, and are spark and smoke proof; the spaces between brickwork and flue linings are to be filled in with mortar as the brickwork is built up. When the linings are thus built in, each length is supported by its hub or shoulder, and is independent of the one below.

Insurance statistics show that defective flues cause a very large proportion of the fires. Coal-gas and smoke have a very deteriorating effect on mortar, and destroy in time its efficiency. Even when the brickwork is of the best, and all interstices are thoroughly filled or grouted (which is rarely the case), they reduce the mortar to a powder, and then the smoke and gases pass through these open joints or crevices to the ends of joists, and fire generally is the result.

Where wooden plugs are driven into chimney-breasts for the purpose of securing mantels or wood trim, the cause of fire is very apparent, but not so apparent when the fire started at the end of floor joists a little distance from the flue.

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PAPER.	Number of subjects contributed.	Number of contributors.	Towns in which contributors were established.	States in which contributors were established.	Architects practising in the State of publication furnished.				
					Subjects.	Per cent of total number of subjects.	Different architects contributing.	Per cent of total number contributing architects.	Towns.
No I.	214	109	28	16	161	.752	75	.688	7
No. II.	137	78	21	15	46	.335	24	.307	2
No. III.	118	56	16	11	70	.593	22	.392	1
Am. Architect.	267	152	47	24	73	.273	39	.256	3

From this table it appears that Massachusetts architects—.256 per cent of the total number of contributors—provided only .273 per cent of the total number of designs published, percentages which, in view of the fact that Massachusetts is one of the most populous States in the Union, prove that they have not been accorded an amount of our limited space.

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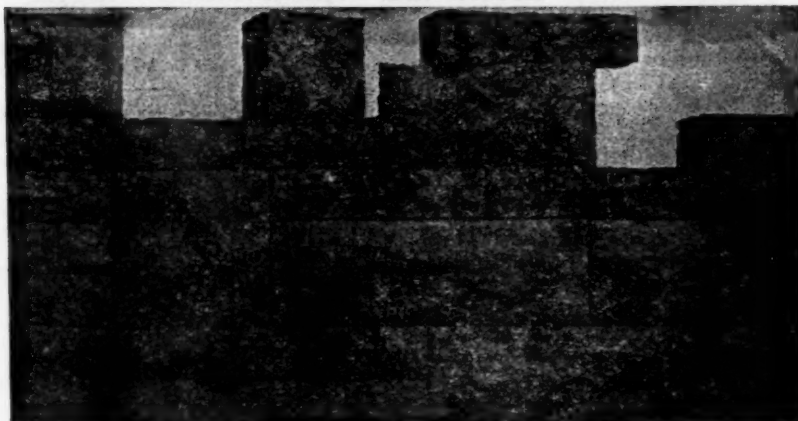
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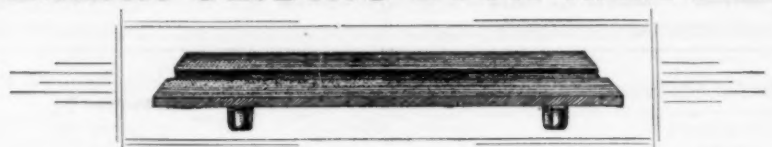
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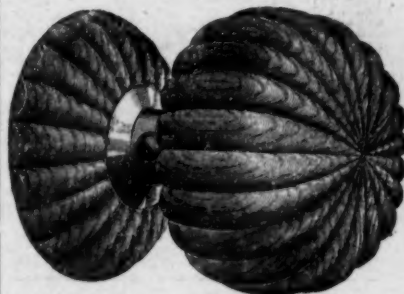
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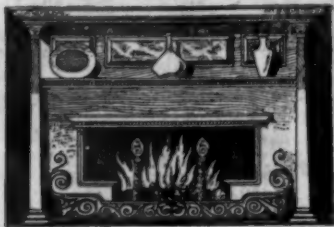
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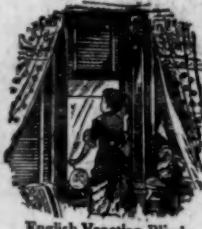
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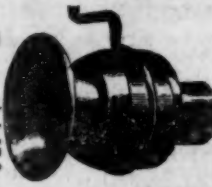
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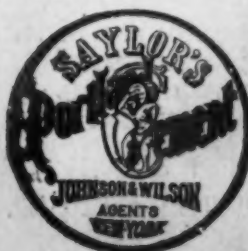


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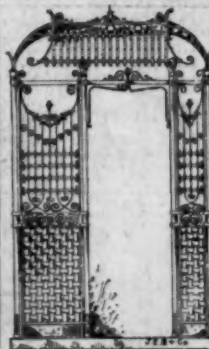
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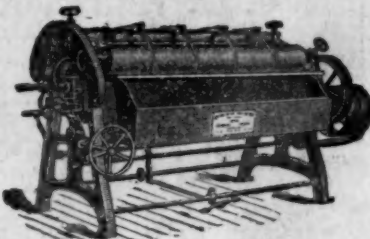
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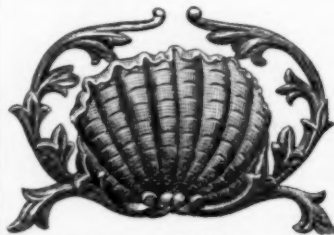
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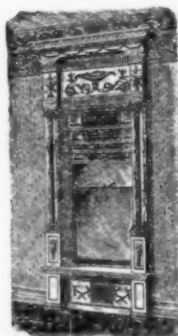
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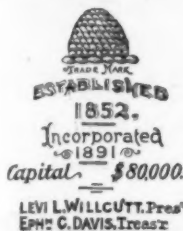
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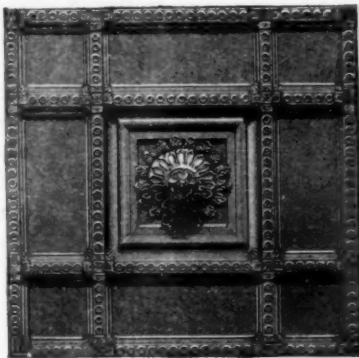
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THE WELSH QUIT }

"Scott's Extra Coated" GUARANTEED Roofing Tin Plate.

THE DEMAND HAS HERETOFORE EXCEEDED THE SUPPLY, BUT FACTORY
OUT-PUT IS NOW GREATLY ENLARGED.

THE QUALITY IS ALWAYS PERFECT.

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JAMES B. SCOTT & CO., Pittsburgh, Pa.

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Can be had in either

BRICK-SET or
PORTABLE FORM.

Richardson & Boynton Co.

MANUFACTURERS,
232-234 Water St., NEW YORK.
94 Union St., BOSTON, MASS.

BUILDING MATERIALS.

LUMBER. - P. M.

Boards: (Ordinary dimensions.)

Pine, 1st quality, clear.....

" 2d quality.....

" 3d quality.....

Spruce.....

Hemlock.....

Yellow pine.....

Cypress.....

Clapboards:

Pine.....

Spruce.....

Framing Timber:

Pine.....

Spruce.....

Hemlock.....

Yellow pine.....

Laths:

Pine.....

Spruce.....

Shingles:

Pine, shaved..... P. M.

Pine, sawed.....

Spruce, sawed.....

Redwood..... P. M.

Cedar split..... P. M.

Cedar sawed.....

Cypress, Split..... 7 x 24. "

Miscellaneous:

Piles..... P. ft.

Fence pickets, Common.....

Cedar posts, 9 ft. (sq. posts.).....

Chestnut posts.....

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. ft.

Spruce floors (clear, kiln-dried).....

Walnut, black.....

Whitewood.....

Yellow pine..... P. M.

New York.

(Wholesale Prices.)

65 00 @ 75 00

55 00 @ 60 00

18 00 @ 22 00

@ 25 00

ea 13 1/2 @ 14

20 @ 40

@

@

@

@

14 00 @ 18 00

12 00 @ 16 00

18 00 @ 21 00

@

@ 2 50

@ 2 35

5 00 @ 6 00

4 00 @ 5 00

1 50 @ 2 00

1 40 @ 1 60

@

@

2 00 @ 4 00

18 00 @ 20 00

4 1/2 @ 5 1/2

8 00 @ 10 00

@

@

@ 55 00

80 00 @ 120 00

40 00 @ 60 00

@ 180 00

@ 350 00

45 00 @ 50 00

@ 70 00

@ 70 00

@ 90 00

50 00 @ 70 00

60 00 @ 70 00

@ 6

32 00 @ 35 00

85 00 @ 120 00

45 00 @ 50 00

@ 45 00

40 00 @ 45 00

40 00 @ 42 00

40 00 @ 42 00

40 00 @ 42 00

Boston.

(Prices to Builders and Contractors.)

55 00 @ 70 00

42 00 @ 50 00

35 00 @ 40 00

14 50 @ 25 00

13 00 @ 15 00

25 00 @ 35 00

31 00 @ 40 00

@

38 00 @ 60 00

23 00 @ 38 00

@

15 50 @ 18 00

13 00 @ 15 00

22 00 @ 35 00

@

2 25 @ 2 50

2 35 @ 3 00

@

@ 4 50

1 50 @ 00

3 75 @ 4 00

@

@

2 00 @ 4 00

5 00 @ 6 00

Piles 6c. P. ft.

10 00 @ 18 00

25 @ 50

25 @ 50

45 00 @ 60 00

90 00 @ 120 00

60 00 @ 70 00

45 00 @ 50 00

150 00 @ 160 00

120 00 @ 350 00

45 00 @ 50 00

@ 50 00

50 00 @ 55 00

65 00 @ 75 00

50 00 @ 65 00

50 00 @ 75 00

60 00 @ 70 00

@ 6

32 00 @ 35 00

85 00 @ 120 00

40 00 @ 45 00

40 00 @ 42 00

40 00 @ 42 00

Chicago.

(Prices to Builders and Contractors.)

42 00 @ 50 00

27 00 @ 38 00

14 00 @ 20 00

Not sold.

@ 12 00

21 00 @ 34 00

18 00 @ 34 00

@

19 00 @ 24 00

Not sold.

12 00 @ 17 50

Not sold.

10 00 @ 13 00

24 00 @ 34 00

@ 2 65

Not sold.

2 60 @ 3 15

Not sold.

6 00 @ 7 50

Not sold.

2 60 @ 2 75

3 50 @ 4 00

Cut to order.

P. 10 00 @ 22 00

9 @ 21

Not sold.

14 00 @ 30 00

35 00 @ 50 00

17 00 @ 35 00

110 00 @ 170 00

200 00 @ 250 00

12 00 @ 20 00

17 00 @ 27 00

16 00 @ 28 00

34 00 @ 40 00

25 00 @ 28 00

33 00 @ 50 00

40 00 @ 45 00

per M. 600 60

40 00 @ 75 00

14 00 @ 30 00

31 00 @ 34 00

40 00 @ 42 00

40 00 @ 42 00

40 00 @ 42 00

40 00 @ 42 00

40 00 @ 42 00

40 00 @ 42 00

Philadelphia.

(Prices to Builders and Contractors.)

48 00 @ 55 00

40 00 @ 45 00

30 00 @ 35 00

16 00 @ 20 00

11 25 @ 13 50

14 00 @ 29 00

@ 35 00

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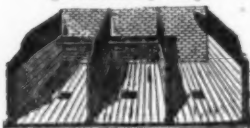
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WASHINGTON, D. C.

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IN THE UNITED STATES.

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PHILADELPHIA.
ST. LOUIS. DENVER.

BUILDING MATERIALS.

Reported for the American Architect and Building News.

	New York.	Boston.	Chicago.	Philadelphia.
BRICK.—P. M.				
Common: Cargo afloat.				
Pale.....	2 00 @ 2 50	Eastern } 9 00 @ 10 00 }	Building Brick	Sq. Hard @ 9 00
Jersey.....	4 25 @ 5 00	Bay State Hard	@ 9 00	Salmon @ 7 00
Long Island.....	4 50 @ 5 25	7 00 @ 8 00	Indiana Pressed	Sq. " @ 5 00
Up River.....	4 75 @ 5 25	Domestic Com.	14 00 @ 20 00	Light Stretchers
Haverstraw Bay 2d.....	5 50 @ 5 75	Domestic Face	St. Louis Fronts	Medium " @ 10 00
" 1st.....	@ 13 00	Philadelphia }	@ 27 00	Red " @ 12 00
Hollow.....	@ 12 00	dark " @ 45 00		Dark " @ 13 00
Fronts:	@ 13 00	Phila. mould }		Pressed 18 00 @ 20 00
Croton, Brown.....	@ 13 00	50 00 @ 80 00 }	15 00 @ 27 00	Best Paving @ 14 00
" ".....	@ 13 00		65 00 @ 360 00	Second " @ 13 00
" red.....	@ 13 00		65 00 @ 55 00	Third " @ 12 00
Chicago pressed (Anderson).....			45 00 @ 50 00	Dom. { @ 65
" Moulded.....			45 00 @ 50 00	{ @ 85
Baltimore.....	37 00 @ 41 00		25 00 @	
Philadelphia.....	23 00 @ 24 00		60 00 @ 100 00	
Trenton.....	19 00 @ 20 00		30 @	
Milwaukee.....			35 @	
Moulded:			55 00 @ 65 00	
Glens Falls Red Pressed.....	@ 37 00		@ 100 00	
" " Buff.....	@ 30 00		@ 120 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. cash.)				
Rosendale Cement.....	1 00 @ 1 10	1 15 @ 1 25	Not sold.	1 30 @ 1 50
Louisville.....		Brooks, S. & Co.	1 05 @ 1 15	BS&Co 2 75 @ 3 00
Utica, Akron, Buffalo, Milw'kee.	Not sold.	2 40 @ 2 75	1 00 @ 1 10	2 85 @ 3 25
Portland, English (Gibbs).....	2 25 @ 2 50	2 40 @ 2 75	3 00 @ 3 10	2 85 @ 3 15
" " (K. B. & S.).....	2 50 @ 3 00	2 40 @ 2 75	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross.....	2 25 @ 2 50	2 40 @ 2 75	3 00 @ 3 25	2 85 @ 3 15
" " (Burnham).....	2 50 @ 3 00	2 40 @ 2 75	2 90 @ 3 15	2 75 @ 2 85
" " (White's).....	2 65 @ 3 00	2 40 @ 2 75	3 00 @ 3 25	
" " French (Lafarge).....	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	
" " German (Alsen).....	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	Hemmoor 2 50 @ 2 75
" " (Fewer).....	2 25 @ 2 40		3 20 @ 3 40	2 75 @ 2 85
" " (Vorwöhler).....	2 50 @ 2 90			
" " (Lagerdofer).....	2 60 @ 2 90	Cleopatra	2 75 @ 3 00	Josson 2 60 @ 2 75
" " (Dyckerhoff).....	2 50 @ 3 00	3 00 @ 3 50	3 25 @ 3 50	3 00 @ 3 25
" " (Hanover).....	2 35 @ 2 85	Condor 2 50 @ 2 75	Not sold.	2 75 @ 2 85
" " Stettin, (Anchor).....	2 15 @ 2 25	Wedge 2 40 @ 2 75	Not sold.	
" " American (Saylor's).....	2 75 @ 3 00	2 15 @ 2 50	2 60 @ 2 70	2 70 @ 3 00
Roman.....	4 50 @ 5 00	@ 3 50	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse.....	5 00 @ 5 50	@ 6 00	6 00 @ 7 00	6 50 @ 7 00
" " superfine.....		7 00 @ 9 00	9 00 @ 10 50	8 00 @ 9 00
LIME:				
Lime of Tell.....	3 50 @ 4 00		Not sold.	White Lime P bush 25 @ 30
Hydraulic Lime.....	@ 1 45	@ 1 35	60 @ 70	{ White Mash 1 25 @ 1 50
Chicago Lime in bulk.....		St. John 1 00	60 @	1 00 @ 1 00
Wisconsin Lime.....	@ 85	@ 1 05	Not sold.	
Rockland and Rockport, (Com.).....	@ 95	@ 1 10	Not sold.	
Rockland and Rockport, finish.....	@ 1 20	@ 1 20	Not sold.	
Kelley Island Lime, finish.....	90 @ 85	Not sold.	Not sold.	
State, com. cargo rates (nom.).....	1 05 @ 1 10	Not sold.	Not sold.	
State, finishing.....	1 40 @ 1 50	1 85 @ 2 00	1 85 @ 1 90	Not sold.
Plaster of Paris (calcined).....	@ 1 60	@ 2 25	1 85 @ 1 90	1 50 @ 2 25
" (casting).....	16 @ 18	25 @ 30	16 @ 20	20 @ 25
Hair (Cattle) P bush.....	18 @ 21	@ 30	30 @ 35	30 @ 35
" (Goat).....	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
Sand, P load.....				
STONE.—(P. cubic foot, rough.)				
Granite: (Maine)				
Limestone:				
Bedford.....	45 @ 1 25	95 @ 1 00	50 @	55 @ 65
Joliet.....	1 00		35 @ 55	75 @ 85
Lamont.....			35 @ 60	Richmond 1 25 @ 1 50
Serpentine.....		10 50 per ton	@ 1 00	Porch 4 50 @ 5 50

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Elevators, Conveyors, Manila Rope Power Transmission Machinery, Ewart Detachable Link Belting, Dodge Chain, Howe Chain, etc. (CHICAGO-LINK-BELT MACHINERY CO.), Chicago, Ill.

ROCK FINISH

The MOST Durable of all Varnishes. : : :
Effective Varnish for House Finishing.

Highest Award Master Painters' National Association.
The Favorite Varnish of the N.Y. City Master Polishers

THE WATTS DeGOLYER CO.,

No. 311 Amsterdam Ave., NEW YORK.

CHICAGO, ILL.

BUILDING MATERIALS.

	New York.	Boston.	Chicago.	Philadelphia.
Foundation:				
Dimension.....	5 00 @ 5 00	5 00 @ 5 00	5 00 @ 5 00	5 00 @ 5 00
Block.....	4 50 @ 4 50	4 50 @ 4 50	4 50 @ 4 50	4 50 @ 4 50
Rubble.....	1 25 @ 1 25	1 25 @ 1 25	1 25 @ 1 25	1 25 @ 1 25
Rubblestone: @ sq. ft.				
Sidewalk.....	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 25
Planned.....	50 @ 6 00	75 @ 75	50 @ 1 00	37 @ 50
Sandstone:				
Longmeadow.....	80 @ 80	80 @ 90	80 @ 90	95 @ 1 05
Kibbo.....	90 @ 90	90 @ 1 10	90 @ 1 10	1 05 @ 1 25
Brown (Connecticut).....	1 00 @ 95	1 25 @ 1 45	1 50 @ 1 50	1 05 @ 1 25
Amherst Ohio.....	90 @ 95	90 @ 1 00	45 @ 50	85 @ 95
Berea.....	75 @ 1 00	85 @ 90	45 @ 55	55 @ 75
Berlin.....	75 @ 1 00	80 @ 90	55 @ 65	85 @ 95
Belleville.....	80 @ 1 25	1 25 @ 1 35	1 25 @ 1 25	1 00 @ 1 10
New Brunswick (Dorchester).....	1 00 @ 1 00	75 @ 90	75 @ 90	1 05 @ 1 15
Caen.....	1 05 @ 1 05	2 00 @ 2 00	2 00 @ 2 00	1 25 @ 1 35
Carlisle, English.....	1 05 @ 1 05	1 05 @ 1 05	1 05 @ 1 05	95 @ 1 05
Corse Hill (Scotch).....	1 05 @ 1 05	1 05 @ 1 05	1 05 @ 1 05	95 @ 1 05
Marble: (P cu. ft.)				
Leo, Mass.....	1 75 @ 2 50	1 75 @ 2 50	1 75 @ 2 50	2 00 @ 2 50
Rutland, white and blue.....	3 00 @ 3 00	3 00 @ 3 00	3 00 @ 3 00	2 00 @ 3 00
Sutherland Falls.....	2 00 @ 2 00	2 00 @ 2 00	2 00 @ 2 00	1 70 @ 3 00
Glens Falls, black.....	4 00 @ 4 50	4 00 @ 4 50	4 00 @ 4 50	4 00 @ 4 50
Itailan, blue-veined.....	2 50 @ 2 75	2 50 @ 2 75	2 50 @ 2 75	2 50 @ 2 75
" Sienna.....	5 00 @ 5 00	5 00 @ 5 00	5 00 @ 5 00	5 00 @ 5 00
Tennessee, red.....	4 00 @ 6 00	4 00 @ 6 00	4 00 @ 6 00	4 00 @ 6 00
" Knoxville.....	3 00 @ 4 00	3 00 @ 4 00	3 00 @ 4 00	3 00 @ 4 00
Pennsylvania, blue.....	2 00 @ 3 00	2 00 @ 3 00	2 00 @ 3 00	2 00 @ 3 00
Vermont, white.....	2 25 @ 3 00	2 25 @ 3 00	2 25 @ 3 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	10 00 @ 11 00	12 00 @ 14 00	1 50 @ 10 25
black, Lehigh.....	4 25 @ 4 75	6 25 @ 6 85	6 25 @ 6 85	3 25 @ 4 00
" Chapmans.....	7 00 @ 8 00	7 00 @ 8 00	7 00 @ 8 00	00 @ 4 65
" Unfading black, Monson, Me.....	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am. P. M.....	Not Sold.	Not Sold.	Not Sold.	6 00 @ 25 00
N. Peach Bottom, warranted unfading.....	6 00 @ 6 75	6 00 @ 6 75	6 00 @ 6 75	6 00 @ 6 75
PAINTS. (In Oil P lb.)				
White lead, Am.....	7 @ 7 1/2	6 1/2 @ 7	7 @ 7 1/2	7 @ 7 1/2
" zinc.....	5 @ 5 1/2	4 @ 5	5 @ 5 1/2	5 @ 5 1/2
Red lead, Am.....	6 1/2 @ 7	6 1/2 @ 7	6 1/2 @ 7	6 1/2 @ 7
" Venetian.....	6 @ 10 1/2	7 @ 12	6 @ 10 1/2	6 @ 10 1/2
Vermillion.....	65 @ 70	70 @ 5 dry	65 @ 68	65 @ 68
" Indian, Eng.....	12 @ 20	12 @ 20	12 @ 20	12 @ 20
Yellow Ochre.....	6 @ 15	7 @ 12	3 @ 15	3 @ 15
" Chrome.....	12 @ 20	18 @ 25	15 @ 25	15 @ 25
Green (chrome).....	8 @ 13	8 @ 20	8 @ 20	8 @ 20
Green, Paris.....	25 @ 40	25 @ 40	18 @ 35	18 @ 35
Black, lamp.....	15 @ 25	15 @ 25	8 @ 30	8 @ 30
Blue, ultramarine.....	12 @ 18	18 @ 30	12 @ 35	10 @ 24
Oil, linseed, (raw).....	55 @ 62	51 @ 52	57 @ 60	60 @ 60
" boiled.....	58 @ 65	54 @ 55	60 @ 63	60 @ 63
Turpentine.....	36 @ 37	37 @ 37	40 @ 42	44 @ 44
Varnish, coach.....	1 50 @ 6 00	1 50 @ 6 00	1 25 @ 2 00	1 25 @ 3 00
Shellac.....	2 50 @ 3 00	2 50 @ 3 00	2 25 @ 4 00	150 @ 3 00
Putty.....	2 @ 4	2 @ 4	2 @ 2 1/2	2 @ 2 1/2
Whiting.....	75 @ 1 00	1 @ 1 1/2	1 @ 1 1/2	1 @ 1
Paris white, (Eng.).....	1 30 @ 2 00	2 @ 3	1 1/2 @ 2	1 1/2 @ 2
Ischarge, Am.....	6 @ 6	6 @ 7	6 @ 7	6 @ 7
Sienna (burnt).....	14 @ 20	14 @ 20	4 @ 16	4 @ 14
Umber.....	14 @ 20	14 @ 20	2 @ 10	2 @ 13
HARDWARE.				
Nails: (Per Cask.) Spikes, (wrought.)	2 85 @ 2 85	2 20 @ 2 20	2 35 @ 3 50	per keg @ 2 25
10d. common.....	2 60 @ 2 60	2 20 @ 2 20	1 95 @ 1 95	@ 2 30
Shingle.....	3 35 @ 3 35	2 65 @ 2 65	2 35 @ 2 35	@ 2 60
Lath.....	4 85 @ 4 85	3 20 @ 3 20	3 25 @ 3 25	3 60 @ 4 75
(Finishing nails according to size.)	6 @ 6	6 @ 6	Add .85 to \$2.25	per lb 4 @ 6
(For casing nails add 75 c. per keg.)	6 @ 6	6 @ 6	..50 to .90	Add per cask
Butts: 4" x 4".....	1 00 @ 1 00	1 20 @ 1 20	90 @ 90	2 90 (all kinds.)
Plain.....	1 50 @ 1 50	1 75 @ 1 75	Not Sold.	1 35 @ 2 00
Japaned.....	1 50 @ 1 50	1 90 @ 1 90	2 00 @ 3 75	1 35 @ 2 75
Acorn, Japaned.....	65 @ 65	65 @ 65	Not Sold.	45 @ 50
Ball Tip, Boston Finish..... (P pair.)	1 90 @ 1 90	1 65 @ 1 65	2 00 @ 3 25	1 25 @ 1 25
Bronze metal.....	10 @ 10	10 @ 10	12 @ 12	1 00 @ 1 00
Brass (for cupboards).....	10 @ 10	10 @ 10	12 @ 12	35 @ 35
Ebony.....	10 @ 10	10 @ 10	12 @ 12	37 @ 1 00
Apple wood.....	10 @ 10	10 @ 10	12 @ 12	37 @ 1 00
Knobs: (P set.)				
Mineral, best.....	8 @ 8	8 @ 8	8 @ 10	8 @ 8
Lava.....	50 @ 50	75 @ 75	65 @ 80	Not Sold.
Hemacite.....	Not Sold.	17 @ 33	31 @ 40	25 @ 50
Porcelain.....	30 @ 30	10 @ 10	25 @ 30	25 @ 25
Glass, solid.....	Not Sold.	50 @ 50	Not Sold.	1 00 @ 2 50
Glass, silvered.....	Not Sold.	88 @ 1 00	1 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	50 @ 3 00	75 @ 1 25
Solder:				
Sheet Lead.....	7 1/2 @ 7 1/2	7 1/2 @ 7 1/2	6 @ 6	13 1/2 @ 16
Lead Pipe.....	6 @ 6	6 @ 6	5 1/2 @ 6	6 @ 6
Iron:				
I-Beams, up to and including 30 ft.....	3 3-10 @ 3 1/2	3 @ 3 1/2	2 50 @ 2 75	2 8-10 @ 2 8-10
do. over 30 ft., 1/2 c. adv. for every 5 ft.	3 3-10 @ 3 1/2	3 @ 3 1/2	50 @ 2 75	2 8-10 @ 2 8-10
Channel Beams.....	3 3-10 @ 3 1/2	3 @ 3 1/2	50 @ 2 75	2 8-10 @ 2 8-10

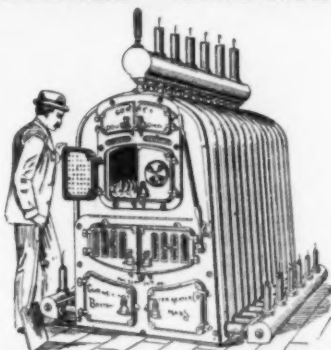
FLUCTUATIONS.

Boston, Mass. — Since the last quotation the price for turpentine has declined three cents per gallon.

Chicago, Ill. — Building brick, present price, \$7.00 per M. (a reduction of \$2.00 from \$9.00), with prospect of still lower prices very soon. A reduction of about 15 per cent in price of building-stone is also expected. The reduction noted in prices will doubtless bring forward many enterprises which the recent temporary high prices had caused to be laid aside for the present. The demand for labor and material for Exposition buildings and their surroundings "boom things" so high that many prospective permanent improvements were postponed until the tide changed; as it shows symptoms of ebbing, prospect is that more regular work will be resumed.

New York, N. Y. — An over-supply of brick has caused a marked decline in prices. The price of Eastern lime has fallen off 5 cents per bbl. generally.

The GURNEY "DOUBLE CROWN"



HOT WATER HEATER FOR LARGER WORK.

THIS heater has waterway front and back ends with double return flues at bottom, thus utilizing and exhausting the heat thoroughly before reaching the chimney. The fire is at the top. Water is delivered immediately into the pipes at a high temperature. Has very large grate and heating areas. Send for our trade catalogue. It is most complete and instructive.

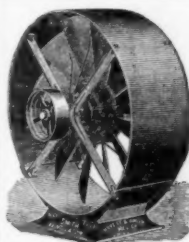
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Selling Agents for middle Western States.

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VENTILATING FANS

For Schools, Theatres, Churches, Factories and Stores.

Manufactured with or without direct attached Engines or Electric Motors.

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Detroit, Mich.

OUR LITTLE BOOK ON HOT WATER

HEATING,

RADIATION, VENTILATION, ETC.

Is read with interest, from cover to cover, by all who have occasion to investigate the subject. We send it free.

United States Heater Co. - - Detroit, Mich.

PERFECT WATERPROOF

FLOOR COVERING.

ARTISTIC



DURABLE

SANITARY

In plain coloring or artistic designs. Easily kept clean. Cool in summer; comfortable in winter. Noiseless. Not attacked by vermin. Possesses great sanitary qualities.

Recommended for use in Halls, Kitchens, Bath-rooms, Public Libraries, Offices, Educational Institutions, Hospitals and places where a serviceable, noiseless and easily cleaned floor covering is desired. In any length up to twenty-four yards. In two and four yard widths. Send for Samples.

W. & J. SLOANE,

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FRANCE.**

Pat. Apr. 29, 1890.

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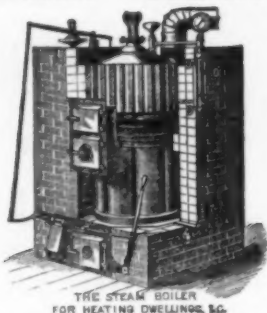
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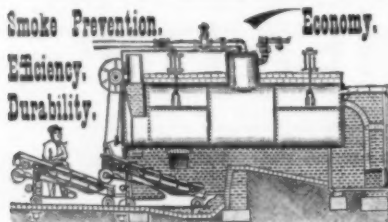
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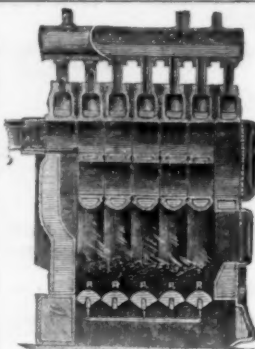
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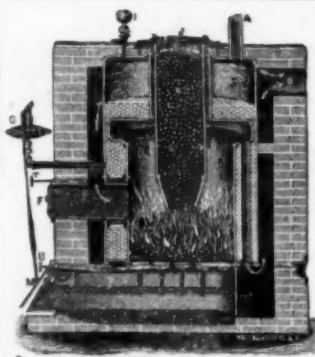
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Altender, Theo. & Sons.....xi	Battery, See & Elsie.....xi	Chromie Steel Works.....xi	Dixon Crumple Co., Jos.....xi	Fairchild & Son, John.....xi	Fiske, Horner & Co.....xxii	Gorton & Lidgerwood Co.....xi	Harrison Bros. & Co.....xviii	Interior Conduit & Insulation Co.....xvi	Jackson, E. A. & Bro.....xvii	Kemper, Alfred C.....(Cov.) 3	Lane Bros.....xi	Maurer & Son, Henry.....xxii	Neuchatel Asphaltic Co.....xii	Oakley & Co., W. L.....xiv	Panatic Rolling Mill Co.....xvi	Peel Bros.....xvii	Richardson & Boynton Co.....xi	Shaw & Johnson.....xv	Shannon, J. B. & Son.....M	Taylor Faving Co., Malt.....xi	U. S. Mineral Wool Co.....(Cov.) 4	Valle & Young.....xvii	Warren Chemical & Mfg. Co.....xvii	
American Ecocastic Tiling Co.....xi	Belmont Iron Works.....xi	Chromie Steel Works.....xi	Dixon Crumple Co., Jos.....xi	Fairchild & Son, John.....xi	Fiske, Horner & Co.....xxii	Gorton & Lidgerwood Co.....xi	Harrison Bros. & Co.....xviii	Interior Conduit & Insulation Co.....xvi	Jackson, E. A. & Bro.....xvii	Kemper, Alfred C.....(Cov.) 3	Lane Bros.....xi	Maurer & Son, Henry.....xxii	Neuchatel Asphaltic Co.....xii	Oakley & Co., W. L.....xiv	Panatic Rolling Mill Co.....xvi	Peel Bros.....xvii	Richardson & Boynton Co.....xi	Shaw & Johnson.....xv	Shannon, J. B. & Son.....M	Taylor Faving Co., Malt.....xi	U. S. Mineral Wool Co.....(Cov.) 4	Valle & Young.....xvii	Warren Chemical & Mfg. Co.....xvii	
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Armstrong & Co., Maitland.....xi	Berry Bros.....xv	Chromie Steel Works.....xi	Dixon Crumple Co., Jos.....xi	Fairchild & Son, John.....xi	Fiske, Horner & Co.....xxii	Gorton & Lidgerwood Co.....xi	Harrison Bros. & Co.....xviii	Interior Conduit & Insulation Co.....xvi	Jackson, E. A. & Bro.....xvii	Kemper, Alfred C.....(Cov.) 3	Lane Bros.....xi	Maurer & Son, Henry.....xxii	Neuchatel Asphaltic Co.....xii	Oakley & Co., W. L.....xiv	Panatic Rolling Mill Co.....xvi	Peel Bros.....xvii	Richardson & Boynton Co.....xi	Shaw & Johnson.....xv	Shannon, J. B. & Son.....M	Taylor Faving Co., Malt.....xi	U. S. Mineral Wool Co.....(Cov.) 4	Valle & Young.....xvii	Warren Chemical & Mfg. Co.....xvii	
	Bickelhaupt, G.....xvii	Chromie Steel Works.....xi	Dixon Crumple Co., Jos.....xi	Fairchild & Son, John.....xi	Fiske, Horner & Co.....xxii	Gorton & Lidgerwood Co.....xi	Harrison Bros. & Co.....xviii	Interior Conduit & Insulation Co.....xvi	Jackson, E. A. & Bro.....xvii	Kemper, Alfred C.....(Cov.) 3	Lane Bros.....xi	Maurer & Son, Henry.....xxii	Neuchatel Asphaltic Co.....xii	Oakley & Co., W. L.....xiv	Panatic Rolling Mill Co.....xvi	Peel Bros.....xvii	Richardson & Boynton Co.....xi	Shaw & Johnson.....xv	Shannon, J. B. & Son.....M	Taylor Faving Co., Malt.....xi	U. S. Mineral Wool Co.....(Cov.) 4	Valle & Young.....xvii	Warren Chemical & Mfg. Co.....xvii	
	Bischoff & Co., Fred F.....xi	Chromie Steel Works.....xi	Dixon Crumple Co., Jos.....xi	Fairchild & Son, John.....xi	Fiske, Horner & Co.....xxii	Gorton & Lidgerwood Co.....xi	Harrison Bros. & Co.....xviii	Interior Conduit & Insulation Co.....xvi	Jackson, E. A. & Bro.....xvii	Kemper, Alfred C.....(Cov.) 3	Lane Bros.....xi	Maurer & Son, Henry.....xxii	Neuchatel Asphaltic Co.....xii	Oakley & Co., W. L.....xiv	Panatic Rolling Mill Co.....xvi	Peel Bros.....xvii	Richardson & Boynton Co.....xi	Shaw & Johnson.....xv	Shannon, J. B. & Son.....M	Taylor Faving Co., Malt.....xi	U. S. Mineral Wool Co.....(Cov.) 4	Valle & Young.....xvii	Warren Chemical & Mfg. Co.....xvii	
	Bolles, J. E.....xi	Chromie Steel Works.....xi	Dixon Crumple Co., Jos.....xi	Fairchild & Son, John.....xi	Fiske, Horner & Co.....xxii	Gorton & Lidgerwood Co.....xi	Harrison Bros. & Co.....xviii	Interior Conduit & Insulation Co.....xvi	Jackson, E. A. & Bro.....xvii	Kemper, Alfred C.....(Cov.) 3	Lane Bros.....xi	Maurer & Son, Henry.....xxii	Neuchatel Asphaltic Co.....xii	Oakley & Co., W. L.....xiv	Panatic Rolling Mill Co.....xvi	Peel Bros.....xvii	Richardson & Boynton Co.....xi	Shaw & Johnson.....xv	Shannon, J. B. & Son.....M	Taylor Faving Co., Malt.....xi	U. S. Mineral Wool Co.....(Cov.) 4	Valle & Young.....xvii	Warren Chemical & Mfg. Co.....xvii	
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	Bridgeport Wood Finishing.....xi	Chromie Steel Works.....xi	Dixon Crumple Co., Jos.....xi	Fairchild & Son, John.....xi	Fiske, Horner & Co.....xxii	Gorton & Lidgerwood Co.....xi	Harrison Bros. & Co.....xviii	Interior Conduit & Insulation Co.....xvi	Jackson, E. A. & Bro.....xvii	Kemper, Alfred C.....(Cov.) 3	Lane Bros.....xi	Maurer & Son, Henry.....xxii	Neuchatel Asphaltic Co.....xii	Oakley & Co., W. L.....xiv	Panatic Rolling Mill Co.....xvi	Peel Bros.....xvii	Richardson & Boynton Co.....xi	Shaw & Johnson.....xv	Shannon, J. B. & Son.....M	Taylor Faving Co., Malt.....xi	U. S. Mineral Wool Co.....(Cov.) 4	Valle & Young.....xvii	Warren Chemical & Mfg. Co.....xvii	
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	Brooks, T. H. & Co.....M	Chromie Steel Works.....xi	Dixon Crumple Co., Jos.....xi	Fairchild & Son, John.....xi	Fiske, Horner & Co.....xxii	Gorton & Lidgerwood Co.....xi	Harrison Bros. & Co.....xviii	Interior Conduit & Insulation Co.....xvi	Jackson, E. A. & Bro.....xvii	Kemper, Alfred C.....(Cov.) 3	Lane Bros.....xi	Maurer & Son, Henry.....xxii	Neuchatel Asphaltic Co.....xii	Oakley & Co., W. L.....xiv	Panatic Rolling Mill Co.....xvi	Peel Bros.....xvii	Richardson & Boynton Co.....xi	Shaw & Johnson.....xv	Shannon, J. B. & Son.....M	Taylor Faving Co., Malt.....xi	U. S. Mineral Wool Co.....(Cov.) 4	Valle & Young.....xvii	Warren Chemical & Mfg. Co.....xvii	
	Buffalo Forge Co.....M	Chromie Steel Works.....xi	Dixon Crumple Co., Jos.....xi	Fairchild & Son, John.....xi	Fiske, Horner & Co.....xxii	Gorton & Lidgerwood Co.....xi	Harrison Bros. & Co.....xviii	Interior Conduit & Insulation Co.....xvi	Jackson, E. A. & Bro.....xvii	Kemper, Alfred C.....(Cov.) 3	Lane Bros.....xi	Maurer & Son, Henry.....xxii	Neuchatel Asphaltic Co.....xii	Oakley & Co., W. L.....xiv	Panatic Rolling Mill Co.....xvi	Peel Bros.....xvii	Richardson & Boynton Co.....xi	Shaw & Johnson.....xv	Shannon, J. B. & Son.....M	Taylor Faving Co., Malt.....xi	U. S. Mineral Wool Co.....(Cov.) 4	Valle & Young.....xvii	Warren Chemical & Mfg. Co.....xvii	
	Burditt & Williams.....iv	Chromie Steel Works.....xi	Dixon Crumple Co., Jos.....xi	Fairchild & Son, John.....xi	Fiske, Horner & Co.....xxii	Gorton & Lidgerwood Co.....xi	Harrison Bros. & Co.....xviii	Interior Conduit & Insulation Co.....xvi	Jackson, E. A. & Bro.....xvii	Kemper, Alfred C.....(Cov.) 3	Lane Bros.....xi	Maurer & Son, Henry.....xxii	Neuchatel Asphaltic Co.....xii	Oakley & Co., W. L.....xiv	Panatic Rolling Mill Co.....xvi	Peel Bros.....xvii	Richardson & Boynton Co.....xi	Shaw & Johnson.....xv	Shannon, J. B. & Son.....M	Taylor Faving Co., Malt.....xi	U. S. Mineral Wool Co.....(Cov.) 4	Valle & Young.....xvii	Warren Chemical & Mfg. Co.....xvii	
	Burns, Russell & Co.....viii	Chromie Steel Works.....xi	Dixon Crumple Co., Jos.....xi	Fairchild & Son, John.....xi	Fiske, Horner & Co.....xxii	Gorton & Lidgerwood Co.....xi	Harrison Bros. & Co.....xviii	Interior Conduit & Insulation Co.....xvi	Jackson, E. A. & Bro.....xvii	Kemper, Alfred C.....(Cov.) 3	Lane Bros.....xi	Maurer & Son, Henry.....xxii	Neuchatel Asphaltic Co.....xii	Oakley & Co., W. L.....xiv	Panatic Rolling Mill Co.....xvi	Peel Bros.....xvii	Richardson & Boynton Co.....xi	Shaw & Johnson.....xv	Shannon, J. B. & Son.....M	Taylor Faving Co., Malt.....xi	U. S. Mineral Wool Co.....(Cov.) 4	Valle & Young.....xvii	Warren Chemical & Mfg. Co.....xvii	
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Balley Reflector Co.....xi	Cabot, S.....xi	Devoe & Co., F. W.....xviii	Fairchild & Son, John.....xi	Fiske, Horner & Co.....xxii	Gorton & Lidgerwood Co.....xi	Harrison Bros. & Co.....xviii	Interior Conduit & Insulation Co.....xvi	Jackson, E. A. & Bro.....xvii	Kemper, Alfred C.....(Cov.) 3	Lane Bros.....xi	Maurer & Son, Henry.....xxii	Neuchatel Asphaltic Co.....xii	Oakley & Co., W. L.....xiv	Panatic Rolling Mill Co.....xvi	Peel Bros.....xvii	Read, J. J.....xi	Shaw & Johnson.....xv	Shannon, J. B. & Son.....M	Taylor Faving Co., Malt.....xi	U. S. Mineral Wool Co.....(Cov.) 4	Valle & Young.....xvii	Warren Chemical & Mfg. Co.....xvii		
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Batterson, See & Elsie.....xi	Chromie Steel Works.....xi	Dixon Crumple Co., Jos.....xi	Fisher & Co., Robert C.....xi	Flynt Building & Construction Co.....xi	French & Co., Samuel H.....(Cov.) 3	Globe Ventilator Co.....xvii	Insurance Co. of North America.....xvii	Jackson, E. A. & Bro.....xvii	Kemper, Alfred C.....(Cov.) 3	Lane Bros.....xi	Maurer & Son, Henry.....xxii	Neuchatel Asphaltic Co.....xii	Oakley & Co., W. L.....xiv	Panatic Rolling Mill Co.....xvi	Peel Bros.....xvii	Richardson & Boynton Co.....xi	Shaw & Johnson.....xv	Shannon, J. B. & Son.....M	Taylor Faving Co., Malt.....xi	U. S. Mineral Wool Co.....(Cov.) 4	Valle & Young.....xvii	Warren Chemical & Mfg. Co.....xvii		
Belmont Iron Works.....xi	Chromie Steel Works.....xi	Dixon Crumple Co., Jos.....xi	Fisher & Co., Robert C.....xi	Flynt Building & Construction Co.....xi	French & Co., Samuel H.....(Cov.) 3	Globe Ventilator Co.....xvii	Insurance Co. of North America.....xvii	Jackson, E. A. & Bro.....xvii	Kemper, Alfred C.....(Cov.) 3	Lane Bros.....xi	Maurer & Son, Henry.....xxii	Neuchatel Asphaltic Co.....xii	Oakley & Co., W. L.....xiv	Panatic Rolling Mill Co.....xvi	Peel Bros.....xvii	Richardson & Boynton Co.....xi	Shaw & Johnson.....xv	Shannon, J. B. & Son.....M	Taylor Faving Co., Malt.....xi	U. S. Mineral Wool Co.....(Cov.) 4	Valle & Young.....xvii	Warren Chemical & Mfg. Co.....xvii		
Bent & Son, S. S.....xi	Chromie Steel Works.....xi	Dixon Crumple Co., Jos.....xi	Fisher & Co., Robert C.....xi	Flynt Building & Construction Co.....xi	French & Co., Samuel H.....(Cov.) 3	Globe Ventilator Co.....xvii	Insurance Co. of North America.....xvii	Jackson, E. A. & Bro.....xvii	Kemper, Alfred C.....(Cov.) 3	Lane Bros.....xi	Maurer & Son, Henry.....xxii	Neuchatel Asphaltic Co.....xii	Oakley & Co., W. L.....xiv	Panatic Rolling Mill Co.....xvi	Peel Bros.....xvii	Richardson & Boynton Co.....xi	Shaw & Johnson.....xv	Shannon, J. B. & Son.....M	Taylor Faving Co., Malt.....xi	U. S. Mineral Wool Co.....(Cov.) 4	Valle & Young.....xvii	Warren Chemical & Mfg. Co.....xvii		
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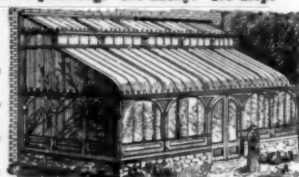


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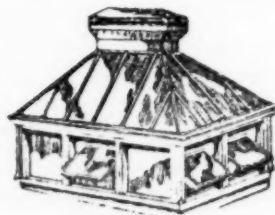
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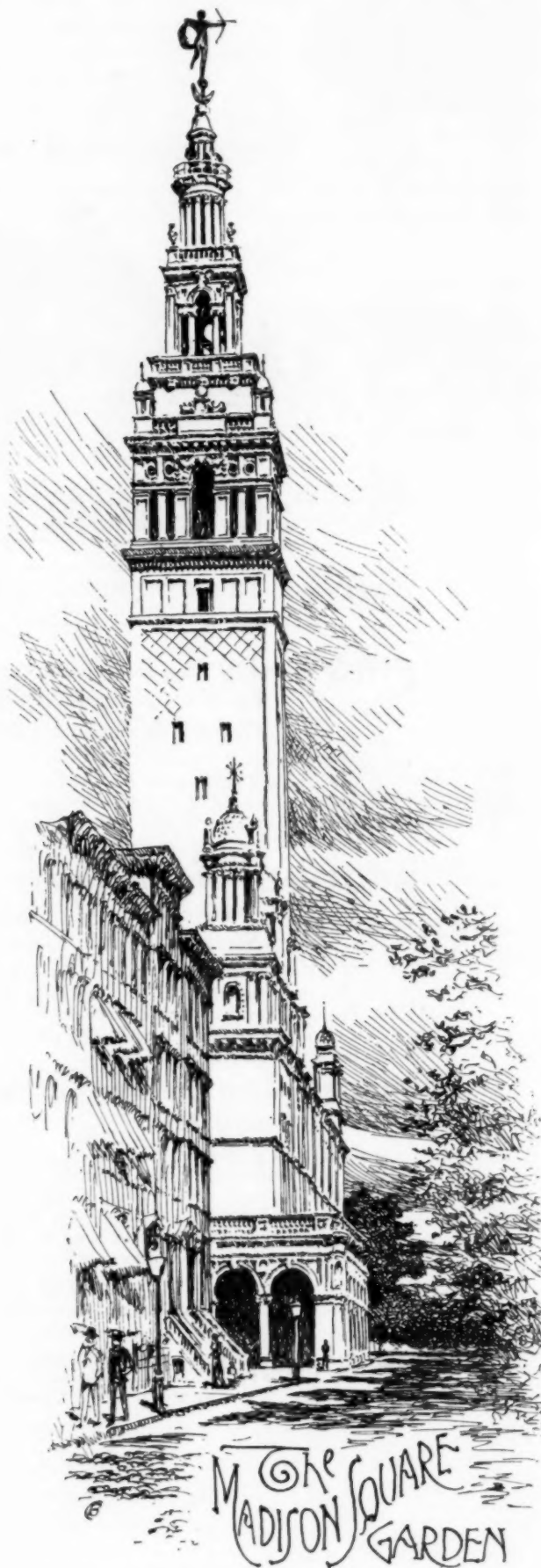
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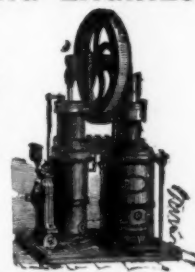
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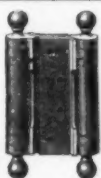
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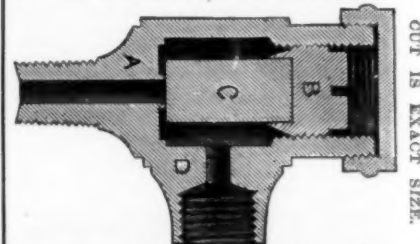
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TABLE OF CONTENTS.

[This Table localizes only the main groups. For a full enumeration of advertisements see Classified Index on pages vii, xxi, and xxii.]

Books.....viii.	Decorators.....iii.	Heating Apparatus.....v.	Patents.....xiv.	Skylights.....viii.
Bricks.....xxiv.	Elevators.....i.	Indexes.....vii, xxi, xxii.	Plumbing Supplies.....xx.	Stained-glass.....ii, iii
Building News.....xv.	Fireproofing.....xxiii.	Ironwork.....xvi.	Proposals.....xx.	Stone.....xxiii.
Cements.....xxii.	Gas Apparatus.....xi.	Market Quotations.....iii, iv, v.	Publisher's Department.....ix.	Terra-Cotta.....xxiv
Conductors.....ii.	Hardware.....xii.	Mortar Colors.....xxii.	Roofing.....ix.	Wants.....xiv

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PUBLISHED EVERY SATURDAY BY

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New Advertisements.

HOUGHTON, MIFFLIN & CO. (Boston, Mass.), At-
lantic Monthly Magazine. Page xviii.
HERMANN JACOBI (New York, N. Y.), Academy
Architecture. Page xviii.
MERCHANT & CO. (Philadelphia, Pa.), Roofing-tin.
Page vii.

PERSPECTIVE DRAWING.

The American Architect Drawing-Office will under-
take 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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ARCHITECTS' REMOVALS, Etc.

AFTER May 1, E. H. Turnock's address will be
Rooms 29 and 31, Central Bank Building, 155
Washington Street, Chicago. 904

W. M. W. FIFE, 519 Utah Loan and Trust Co.
Building, Ogden, Utah, having been burnt out,
would be pleased to receive circulars, catalogues and
samples. 903

GEORGE HILL, Member American Society, M. E.,
Associate Member American Institute, E. E., has
opened an office as consulting engineer at 44-46 Broad-
way, New York City. 903

P. J. DONOHUE, formerly of Spokane, Wash., has
opened an office in the Yosemite Theatre Build-
ing, Stockton, Cal., and will be pleased to receive
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See the first issue of the month for the fol-
lowing advertisements.

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BUILDING PATENTS.

[Printed specifications of any patents here mentioned
together with full detail illustrations, may be obtained
of the Commissioner of Patents, at Washington, for
twenty-five cents.]

494,351. PNEUMATIC WEATHER-STRIP.—George L.
Thomas, Brooklyn, N. Y.
494,399. TEMPERATURE-REGULATOR.—Byron E.
Van Aiken, Chicago, Ill.
494,413. PLUMBER'S FERRULE.—Charles A. Cotter,
Waterbury, Conn.
494,417. IMPLEMENT FOR DISMANTLING BUILD-
ERS' STAGINGS, ETC.—George H. Cutting, Worcester,
Mass.
494,454. CHIMNEY-COWL.—William H. Ashton,
Seward, Neb.
494,468. SURFACE FOR SKATING-RINKS.—Eugen
Dowald, Elberfeld, Germany.
494,475. BEAM-COMPASS.—Marion E. Gladfelter,
Cleveland, Ohio.
494,481. FLUSHING-CISTERN FOR WATER-CLOS-
ETS, ETC.—James Holt, Liverpool, England.
495,494. APPARATUS FOR MOISTENING AND COOL-
ING THE ATMOSPHERE OF ROOMS.—George Shilling
and Charles G. Smith, Washington, D. C.
494,508. FIREPROOF PAINT.—Robert R. Graf,
Baltimore, Md.
494,543. JOINT FOR BOARD SIDINGS.—Albert C.
Betts, Brunswick.
494,549. LOCK-HINGE.—Nathan S. Clement, North-
ampton, Mass.
494,550. HATCHWAY-DOOR MECHANISM.—Warren
K. Crofford, New York, N. Y., and William Bardsley,
Kearney, N. J.
494,554. KNOB-ATTACHMENT.—Charles F. Doebler
and Charles K. Bryant, Hartford, Conn.
494,555. KEY - FASTENER.—Thomas W. Doyle,
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A. Gloeckler, Pittsburgh, Pa.
494,594. AUTOMATIC FIRE - EXTINGUISHING
SPRINKLER.—Eason L. Slocum, Pawtucket, R. I.
494,620. GUTTER-TILE.—George A. Bedgood, Cin-
cinnati, O.
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SASHES.—John H. Chamberlin, St. Paul, Minn.
494,558. ELEVATOR.—William Veenachoten, Hor-
nellsville, N. Y.
494,676. HOT-WATER OR STEAM HEATER.—Geo.
H. Hersey, Passaic, N. J.

(Continued on page xv.)

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A finely finished interior implies as a rule careful forethought on the part of the Architect in dictating the use of the right varnish. In other words, the finish was started right. In like manner, a poorly finished interior is often the result of a laxity in the wording of the specifications. For instance, "*Varnish to cost not less than so much per gallon*" by no means ensures the use of appropriate material, as the adaptability of a varnish does not entirely depend upon its cost per gallon; and the phrase quoted, though often used, permits of a too liberal construction, and can, moreover, be abused with impunity.

It is no doubt the fact that Hard Oil Finish is more often specified for interior finishing than any other Varnish or "Finish," but even here there is sometimes a laxity in the wording of the specifications which permits of their being evaded, and that is when the specifications simply read Hard Oil Finish. The reason for this is that, although Hard Oil Finish is made only by us who originated it, the name is widely counterfeited and loosely bestowed upon numerous worthless varnishes; so that it should always appear in the specifications "**BERRY BROTHERS' HARD OIL FINISH.**"

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494,724. INTERIOR OR EXTERIOR DECORATION. — Moses Samuelson, New York, N. Y.
494,726. WINDOW-BEAD FASTENER. — Mary F. Woolfenden, Highlands, Colo.
494,745. EXPANSIBLE BOLT-FASTENING DEVICE. — Cornelius J. Phillips, New York, N. Y.
494,763. CEMENT. — Verner F. L. Smidth, Copenhagen, Denmark.

Imports of Building Materials, Etc.,

AT THE PORT OF NEW YORK FOR THE
WEEK ENDING APRIL 7, 1893.

From Antwerp. — Steamer "Waesland," 1 case fire-bricks, order.

From Bremen. — Steamer "Thomas Anderson," 4,173 cases asphaltum, 20 barrels do., Gabriel & Schall; 280 do. Portland cement, order.

From Colon. — Steamer "Newport," 375 logs mahogany, Eggers & Heinlein.

From Guantánamo. — Bark "Jose D. Bueno," 24 logs mahogany, G. Amsinek & Co.

From Laguna. — Schooner "Henrietta J. Powell," 220 logs mahogany, order.

From Leghorn. — Steamer "Assyria," 34 blocks marble, G. Amsinek & Co.; 3 do., Taber & Co.; 9 do., 280 slabs do., Pells & Co.; 500 do., order. Bark "Salvatore Accame," 40 blocks marble, 344 slabs do., Pells & Co.; 503 do., order.

From Liverpool. — Steamer "Bovic," 35 casks bricks, 5 do. castings, etc., British Royal Commission; 202 do. bricks, German Bank of London.

From London. — Steamer "Kolfin," 2 logs wood, order. Steamer "Massachusetts," 549 casks cement, Franklin & Ferguson; 1,000 do., Baring Bros. & Co.; 750 do., order.

From Manaoas. — Steamer "Basil," 498 pieces timber, for Chicago Exposition.

From Marseilles. — Steamer "Neustria," 3 blocks marble, T. B. Sheldon & Co.

From Newcastle-on-Tyne. — Steamer "Croma," 9,700 square fire-bricks, order.

From Port Spain. — Bark "Propheta," 740 tons crude asphalt, Brown Bros. & Co. Bark "C. P. Dixon," 1,050 tons crude asphalt, Brown Bros. & Co.

From Rotterdam. — Steamer "Malabar," 2,219 barrels cement, 2,000 casks do., order. Steamer "Veendam," 1,407 barrels cement, order.

From Tientsin. — Schooner "Eleanor," 450 logs mahogany and cedar, H. Marquardt & Co.

From Vera Cruz. — Schooner "Laura S. Sprague," 259 logs white mahogany, 86 do. cedar, 69 do. red mahogany, H. Marquardt & Co.; 12 do., Wm. R. Grace & Co.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

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

APARTMENT-HOUSES.

Chicago, Ill. — G. Grier, two-sty flats, 1277 Hinman St.; cost, \$3,200.

John Tesch, two-sty flats, 342 Hastings St.; cost, \$3,700.

H. V. Hoppe, two-sty flats, 1713 Lincoln Ave.; cost, \$3,000.

G. Lawson, two-sty flats, 311 Wilson St.; cost, \$3,800.

Mat. Peterson, two-sty flats, 1127 Olman St.; cost, \$3,300.

John Kucera, three-sty flats, 668 West Twentieth St.; cost, \$4,000.

J. Lane, three-sty flats, 2940 Wallace St.; cost, \$6,000.

Phillip Esermann, three-sty flats, 889 Trumbull Ave.; cost, \$17,000.

H. Weber, two-sty flats, 861 Elk Grove Ave.; cost, \$4,000.

Charles Carlson, 2 three-sty flats, 28-30 Linden Pl.; cost, \$12,000.

Matthew Flynn, three-sty flats, 487 Robey St.; cost, \$6,000.

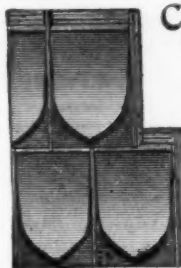
Henry Bierman, four-sty flats, 560 North Lincoln St.; cost, \$9,000.

August Schaefer, two-sty flats, 447 Troy St.; cost, \$11,000.

James Davidson, 5 two-sty flats, Woodlawn Ave. and Seventy-fourth St.; cost, \$12,000.

E. Frederick, 2 two-sty flats, Union Ave. and Twentieth St.; cost, \$3,000.

Fritz Kelhl, three-sty flats, 1087 South California Ave.; cost, \$6,000.



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BUILDING INTELLIGENCE.

Augusta Walzke, three-sty flats, 349 North Lincoln St.; cost, \$3,000.

August Bweittner, two-sty flats, 1068 South Robey St.; cost, \$3,800.

William Schan, two-sty flats, 1287 Bonney Ave.; cost, \$3,300.

James Moran, three-sty flats, 319 West Huron St.; cost, \$3,000.

Mary Anderson, two-sty flats, 950 Girard St.; cost, \$3,400.

J. H. Farl, 2 two-sty flats, 6420 Hope St.; cost, \$10,000.

J. Kovack, two-sty flats, 1211 West Twenty-first St.; cost, \$3,000.

Flora Bishop, three-sty flats, 6713 Vincennes Ave.; cost, \$6,500.

Mary Lamorans, three-sty flats, 7232 Langley Ave.; cost, \$3,000.

Charles Belmke, three-sty flats, 182 Sheffield Ave.; cost, \$4,000.

Alford Anderson, three-sty flats, 740 North Rockwell St.; cost, \$4,000.

New York, N. Y. — Cherry St., No. 411, five-sty brick flat, tin roof; cost, \$20,000; owners, Weil & Meyer, 227 East Sixtieth St.; architects, Schneider & Herter, 48 Bible House.

One Hundred and Fifteenth St., n. s., 100' w Lenox Ave., 3 five-sty brick flats, tin roofs; cost, \$57,000; owner, Mathew C. Karwan, 110 West One Hundred and Twenty-seventh St.; architect, Richard R. Davis, 247 West One Hundred and Twenty-fifth St.

Amsterdam Ave., n. w cor Eighty-first St., 2 five-sty brick flats, tin roofs; cost, \$80,000; owners, Gordon Bros., 493 West End Ave.; architect, G. A. Schellinger, 128 Broadway.

One Hundred and Fifth St., s. s., 100' e Columbus Ave., 2 five-sty brick flats, tin roofs; cost, \$40,000; owner, Mathew Hogan, 1037 Second Ave.; architect, George M. Wolgrove, 99 Nassau St.

St. Louis, Mo. — Two two-sty flats, Rutger and Compton Sts.; cost, \$6,000; owner and builder, A. A. Stalzenburg.

Two-sty flat, Rutger and Compton Sts.; cost, \$3,500; owner, Chas. Krietenmier; builder, R. J. Loyd.

Two-sty flat, Park and Louisiana Sts.; cost, \$5,800; owner, Chas. Condren; builder, Aug. Terrell.

Four stone flats, Cass Ave. and Hogan St.; cost, \$39,000; owner, Mrs. Brinkwarth; builders, Boethe & Roberman.

Two-sty flat, St. Vincent and Todd Sts.; cost, \$6,500; owner and contractor, J. W. Riley.

Two-sty brick and stone flat, Brooklyn and Eleventh Sts.; cost, \$4,500; owner, Life Ins. Co.; contractors, Sutherland & Milford.

CHURCHES.

Baltimore, Md. — The Holy Rosary Catholic Church contemplate the building of a brick and stone church, to cost about \$50,000.

Bloomfield, N. J. — Park Ave., s. e. cor. Bloomfield Ave., church and guild-house for Christ Episcopal Church.

Chicago, Ill. — Methodist Episcopal Church, church, 881 883 Mead St.; cost, \$4,000.

German Evangelical St. Paul's Church, one-sty church, Hollywood Ave. and Clark St.; cost, \$3,000.

Dallas, Texas. — Sanguinet & Messer, architects, of Fort Worth, Texas, have prepared plans for a stone church for the Episcopal Cathedral.

Orange, N. J. — Sterling Ave. and Centre St., church for St. Andrew's Episcopal Church.

FACTORIES.

Brooklyn, N. Y. — Flushing Ave., cor. Yates Place, four-sty brick factory, tin roof; cost, \$11,000; owners, Weinrauch & Schaefer, 18 Humboldt St.; architect, F. Stebe, 240 Nassau Ave.

Harrison St., cor. Tiffany Place, four-sty brick factory, gravel roof; cost, \$40,000; owners, Walter & Co., Sackett St., near Court St.; architect and builder, C. M. Ditlefsen, 164 Conover St.

Chicago, Ill. — Abraham Harris, four-sty factory, 110-112 Brown St.; cost, \$4,000.

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BUILDING INTELLIGENCE.

Cincinnati, O. — Wm. Meyer, three-sty brick and stone factory, 243-245 Sycamore St.; cost, \$5,000; architect, Louis Pikot.

St. Louis, Mo. — One-sty ice factory, Thirteenth and Hebert Sts.; cost, \$10,000; owner, Superior Ice and Cold Storage Co.; builders, Boethe & Robertman.

Factory, Third St. and Chateau Ave.; cost, \$10,000; contract, sublet.

Three-sty factory, s w cor. Main and Douglas Sts.; cost, \$20,000; owner, E. W. Moon; contractor, Gurtmahr.

HOTELS.

Chicago, Ill. — C. N. Loucks, 2 two-sty hotels, Sixty-ninth St. and Oglesby Ave.; cost, \$12,000.

H. B. Wheelock, 6 three-sty hotels, Seventy-fifth St. and Lake Ave.; cost, \$25,000.

HOTELS.

Chicago, Ill. — Munger & Pertrorich, two-sty hotel, 6008-6010 Stony Island Ave.; cost, \$5,000.

HOUSES.

Anglewood, N. J. — Tenasy Road, near Liberty Road, dwell.; owner, Frederick L. Voorhees.

Engle St., dwell.; owner, Henry Ackerman.

Hamilton Ave., dwell.; owner, W. D. Barclay.

Baltimore, Md. — Frank Herbert, 12 two-sty brick buildings, e s Collington Ave., bet. Monument and McElderry Sts.

Dr. Jas. E. Gibbons, three-sty brick building, n s Lafayette Ave., w Arlington Ave.

Aug. Degenhardt, 5 two-sty brick buildings, e s Clarkson Alley, bet. Barney and Heath Sts.

Webster M. Bowen, three-sty and two-sty brick buildings, n w cor. Alaquith and Oliver Sts.

E. B. Hunting, 2 three-sty brick buildings, e s Madison Ave., n Dolphin St.

C. L. & J. S. Clark, 7 two-sty brick buildings, n s Lanvale St., w Broadway.

Boston, Mass. — Aldrich St., near Berry St., Ward 23, frame dwell., 26' x 30'; owner, W. H. Devens; builder, A. Rogers.

East Second St., Nos. 594-596, Ward 14, 2 three-sty frame dwell., flat roofs, 22' x 40'; owners and builders, Berry & Watson.

East Eighth St., No. 593, Ward 14, three-sty frame dwell., 21' 6" x 50'; owner, Mrs. E. C. Colson; builder, F. M. Peedleton.

Fenwick St., Nos. 16-18, Ward 21, 2 three-sty frame dwell., flat roofs, 24' x 45'; owner, Mrs. E. D. H. Walker.

Calumet St., near Hillside St., Ward 22, frame dwell., 32' x 40'; owner, F. Normile; builder, W. Holmes.

Trenton St., No. 145, Ward 1, three-sty frame dwell., flat roof, 26' x 50'; owner and builder, J. A. Scheffeld.

Alexander Ave., near Dudley St., Ward 20, three-sty frame dwell., flat roof, 26' x 50'; owners and builders, Williams & Kelland.

Nightingale St., near Bernard St., Ward 24, frame dwell., 31' x 43.10; owner, J. B. Totman; builder, H. J. Rice.

Alaska St., Nos. 23-25, Ward 21, two frame dwell., 23' x 60'; owner, G. L. Potter; builder, Herman Drake.

Dean Ave., near Howard Ave., Ward 20, three-sty frame dwell., 25' x 60'; owner, Mrs. E. Hennessey; builder, M. McLaughlin.

Alaska St., Nos. 23-25, Ward 21, two frame dwell., 23' x 60'; owner, G. L. Potter; builder, Herman Drake.

Dean Ave., near Howard Ave., Ward 20, three-sty frame dwell., 25' x 60'; owner, Mrs. E. Hennessey; builder, M. McLaughlin.

Alaska St., Nos. 23-25, Ward 21, two frame dwell., 23' x 60'; owner, G. L. Potter; builder, Herman Drake.

Dean Ave., near Howard Ave., Ward 20, three-sty frame dwell., 25' x 60'; owner, Mrs. E. Hennessey; builder, M. McLaughlin.

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Dean Ave., near Howard Ave., Ward 20, three-sty frame dwell., 25' x 60'; owner, Mrs. E. Hennessey; builder, M. McLaughlin.

BUILDING INTELLIGENCE.

Cambridge St., No. 125, Ward 25, frame dwell., 24' 6" x 30'; owner, John O'Brien; builder, D. H. McKay.

Hillside St., cor. Cherokee St., Ward 22, three-sty frame dwell., 29' x 50'; owner, Thos. Spronles; builders, Tyhe & Fraser.

Olney St. Place, near Wales Pl., Ward 24, frame dwell., 26' x 28'; owner and builder, G. L. Davidson.

Devey St., cor. unnamed st. and Howard Ave., Ward 20, 3 three-sty frame dwell., flat roofs, 33' x 37', 32' x 42', 33' x 39'; owner, Norman Cail.

Unnamed st., from Cambridge St., near Webster Ave., Ward 25, frame dwell., 27' 6" x 38.4'; owner, C. E. Stevens; builder, A. E. Ellis.

Paine St., near Canterbury St., Ward 23, frame dwell., 25' x 44'; owner, John Mulhearn; builder, J. F. Sullivan.

Bremen St., No. 16, Ward 2, three-sty frame dwell., flat roof, 19.8' x 30'; owner, J. P. Hamlin; builder, C. E. Day.

Boylston Terrace, near Boylston St., Ward 23, frame dwell., 36' x 50'; owner, M. G. Gibney; builder, Peter Schindler.

Hutchings St., near Humboldt Ave., Ward 21, frame dwell., 27' x 55'; owner, A. B. Fitch.

Ashmont St., near Train St., Ward 24, three-sty frame dwell., pitch roof, 24' x 51'; owner, J. S. Shephard; builder, David Campbell.

Washington St., near Faxon St., Ward 24, frame dwell., hip roof, 32' x 55'; owner, J. M. McClintock; builder, W. F. Goodwin.

Humphreys St., No. 20, Ward 20, three-sty frame dwell., flat roof, 25' x 49.6'; owner and builder, F. R. Perkins.

Kalada Park, Nos. 1 and 2, Ward 21, two frame dwell., 27' x 30.6'; owners and builders, W. Swanson et al.

Keyes St., near South St., Ward 23, 2 three-sty frame dwell., apartments and store, hip roof, 24' x 45'; owner, Wm. Killion; builder, James Gorman.

Leroy St., No. 5, Ward 24, frame dwell., 25' x 34'; owner and builder, L. J. Gillis.

Cobden St., Nos. 17-19, Ward 21, two frame dwell., 27' 6" x 42.3'; owners and builders, W. Swanson et al.

North Beacon St., near Union Square, Ward 25, two frame dwell., 21' x 62' and 21' x 55.4'; owner, F. E. Judson; builder, C. H. Hampton.

Holborn St., Nos. 30-32, cor. Kalada Park, Ward 21, two frame dwell., 27' x 30.6'; owners and builders, W. Swanson et al.

Lanforth St., Nos. 1-4, Ward 21, four frame dwell., 27' x 30.6'; owners and builders, W. Swanson et al.

Sycamore St., near Ridge St., Ward 23, frame dwell., 27' x 30.6'; owner, Minning Henning; builder, F. R. Henning.

Howland St., near Elm Hill Ave., Ward 21, frame dwell., 27' x 30.6'; owner, Margaret R. McCarty; builder, J. P. Campbell.

Washington St., near Boylston St., Ward 23, 2 three-sty brick dwell. and stores, flat roofs, 20' x 34'; owner, Bennett Norwiche; builder, E. R. Fernald.

Chicago, Ill. — Andrew Rago, three-sty dwell., 128 Ashland Ave.; cost, \$9,000.

Dr. Marbol, two-sty dwell., 732 Grace St.; cost, \$3,500.

William Frink, five cottages, 4043-4057 Hart Ave. cost, \$4,000.

Chicago, Ill. — Andrew Rago, three-sty dwell., 128 Ashland Ave.; cost, \$9,000.

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Wisdom Bros., 2 two-sty dwell., 1665-1667 Wright St.; cost, \$8,000.

William Clettenberg, three-sty dwell., 4561 Garfield Ave.; cost, \$4,000.

H. S. Ritter, two-sty dwell., 1267 Lyman St.; cost, \$4,000.

J. G. Glinn, two-sty dwell., 7710 Peoria St.; cost, \$3,000.

D. A. Solon, two-sty dwell., 7712 Peoria St.; cost, \$3,000.

G. Mosher, two-sty dwell., 1250 Millard Ave.; cost, \$3,500.

Oakridge Cottage Co., thirty cottages, Seventy second St. and Jefferson Ave.; cost, \$6,000.

S. P. Sandberg, two-sty dwell., 5908 Green St.; cost, \$3,000.

Thomas Blake, two-sty dwell. and barn, 7131 Union Ave.; cost, \$3,200.

R. R. Starkweather, two-sty dwell., Pemberton St., near Winston St.; cost, \$3,000.

Germantown, Pa. — Walnut Lane, brick and stone Colonial dwell.; for Thomas McKean, Esq.; architects, Cope & Stewardson, 320 Walnut St.

Norristown, Pa. — Haus Ave., four handsome dwell.; owner, Isaac Landis.

North Wales, Pa. — Plans for three-sty stone dwell., slate roof; for S. E. Bailey; architect, T. Frank Miller, 1221 Arch St.

Perkasie, Bucks Co., Pa. — A dwell. will be built by M. L. Cope.

Six cottages will be built by the Perkasie Park Association.

Worcester, Mass. — Whipple St., two-sty frame dwell.; owners, A. Jung and R. Svedberg; contractors, Nilson & Silven.

Millbury St., three-sty frame dwell.; owner, A. Gates; contractor, L. M. Petterson.

Catherine St., three-sty frame dwell.; owner, Samuel E. Davis; contractor, L. M. Petterson.

Main St., two-sty private dwell.; owner, Leopold Strauss; contractor, Geo. M. Hubbard; architects, Fuller & Delano.

Lund St., two-sty frame dwell.; owner, F. W. Groat; day work.

Dartmouth St., three-sty frame dwell.; owner, J. Garvalis; contractor, J. A. Courtmanche.

Eastern Ave., three-sty frame dwell.; owner, E. G. Coulson; contractor, L. M. Petterson.

Dartmouth St., one-and-one-half-sty frame dwell.; owner, Mrs. S. Vincent; day work.

John St., three-sty frame dwell.; owner, Thos. H. Doran; contractor, J. A. McDermott; architect, W. H. Harvey.

Suffolk St., three-sty frame dwell.; owner, W. Britt; contractor, W. Power.

Millbury St., three-sty frame dwell.; owner, H. Mitchell; contractor, Wm. O. Burns.

Lincoln St., two-sty frame dwell.; owner, A. H. Evans; architect, J. W. Allen, East Orange, N. J.; contractor, W. E. Putnam.

Hope Ave., two-and-one-half-sty frame dwell.; owner, C. Kelly; contractor, Wm. Power.

Southgate St., two-and-one-half-sty frame dwell.; owner, James Fitzgerald; contractor, Wm. Power.

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OFFICE-BUILDINGS.

Philadelphia, Pa. — Merion St., s. s. e. City Ave., one-st'y brick office-building; builders, Wendell & Smith, P. O. St. Davids.

SCHOOL-HOUSES.

Jersey City, N. J. — A new school will be built.
Lock Haven, Clinton Co., Pa. — Plans for a school-house; architect, Cole, Bellefonte, Pa.
Pottsville, Schuylkill Co., Pa. — A new school-house; architect, William D. Hill.
Spring Village, Pa. — The School Board of Spring-field township will build a school-building.

STABLES.

Boston, Mass. — Commonwealth Ave., rear, near Essex St., Ward 25, two-st'y frame stable, flat roof, 25' x 45'; owners, E. M. Abbott et als., estate; builder, B. W. Neal.
Calumet St., rear, near Parker Hill Ave., Ward 23, frame stable, 20' x 28'; owner, Francis Normille.
Chicago, Ill. — So. Chicago City Ry. Co., one-st'y barn, Coles Ave. and Seventy-eighth St.; cost, \$7,000.
A. Jesse, two-st'y barn, Evanston and Buena Aves.; cost, \$3,000.
C. E. Woodruff, two-st'y barn, 4857 Kimbark Ave.; cost, \$3,000.

New York, N. Y. — East Eighty-fifth St., No. 227, three-st'y brick stable, tin roof; cost, \$12,500; owner, James Finnan, 1507 First Ave.; architects, Sheridan & Byrne, 145 East Sixty-seventh St.
One Hundred and Fifty-second St., n. s. 150' a Courtland Ave., three-st'y brick stable, tar and gravel roof; cost, \$20,000; owner and architect, Seabrant Nieuwenhuis, 18 East One Hundred and Twenty-sixth St.

West Fifty-second St., Nos. 410-412, four-st'y brick stable, gravel roof; cost, \$20,000; owner, Henry W. Gordon, 306 West Twenty-third St.; architect, Henry Davidson, 130 West Twenty-third St.

Philadelphia, Pa. — Jefferson St., s. e. cor. Thirty-first St., two-st'y brick stable; builders, Stacey Reeves & Son, 1611 Filbert St.

Boudinot St., w. s. s. Cambria St., one-st'y brick stable; builder, D. C. Shuler, 2327 North Sixth St.
Pike St., s. s. e. Rising Sun Lane, one-st'y brick stable; owner, Jacob Marsh, Fifth St. and Rising Sun Lane.

Lyons Ave., w. s. bet. Seventy-eighth and Seventy-ninth Sts., brick stable; owner, John Rhoads, Seventy-ninth St. and Lyons Ave.
Merrine St., w. s. s. Cambria St., two-st'y brick stable; builder, W. G. Barnes, 3394 Frankford Ave.

Wood St., w. s. n. Centre St., two-st'y brick stable; builders, Duncan & Shaw, 201 Green Lane.

Lowber St., e. s. n. Filbert St., brick stable; builder, James Pinkham, 11 North Thirty-ninth St.

Green St., s. e. cor. Allen's Lane, two-st'y brick stable; builder, S. Chorley, 2804 West of Eleventh St.

Worcester, Mass. — Green Lane, one-and-one-half-st'y frame stable; owner, Geo. Bryant; contractor, W. J. Cutting.

STORES.

Boston, Mass. — Dudley St., No. 724, Ward 20, two-st'y frame store and offices, flat roof, 31' x 50'; owner, James E. Wells; builder, C. Boultonhouse.

Beverly St., Nos. 27-29, Ward 7, five-st'y brick stores, flat roof, 40' x 50'; owner, Eliza A. Hackett; builders, O'Toole & Vose.

Columbia St., No. 134, cor. Essex St., Ward 10, five-st'y brick and storehouses and storage, flat roof, 61' x 109'; owner, F. B. Taylor Estate; builders, Connery & Wentworth.

Morton St., near Evans St., Ward 24, frame store, flat roof, 15' x 25'; owner, E. Twombly; builder, G. W. Oliver.

Chicago, Ill. — Abraham Harris, four-st'y store and flats, 112 Brown St.; cost, \$2,000.
S. T. Fish, two-st'y store and flats, 6430-6432 Stony Island Ave.; cost, \$4,000.

Mrs. S. Kaiser, three-st'y store and flats, 428 South California Ave.; cost, \$6,000.
Herman Schottke, two-st'y store and flats, 396 Hastings St.; cost, \$6,000.

John Nabak, two-st'y store and flats, 1075 South Kedzie Ave.; cost, \$4,000.
Mandel Bros., three-st'y store, warehouse and barn, 243-253 Second St.; cost, \$20,000.

William Eckhardt, two-st'y store and flats, 556 Hastings St.; cost, \$4,000.
Captain McKee, 2 two-st'y stores and flats, 408-410 West Fullerton Ave.; cost, \$4,000.

John Trullish, two-st'y store and flats, 4732 Ashland Ave.; cost, \$3,000.
Frederick Bentner, four-st'y store and flats, 1293 West Twenty-second St.; cost, \$12,000.

Ellen McDonald, two-st'y store and flats, 9149 Commercial Ave.; cost, \$3,500.
P. H. Rice, two-st'y store and flats, 6901 Stony Island Ave.; cost, \$3,000.

A. R. La Bar, two-st'y store and dwell., Fifty-second St. and Kedzie Ave.; cost, \$3,000.
Lincoln Brooks, two-st'y store and one-st'y barn, Sixty-first St. and Champlain Ave.; cost, \$7,000.

J. Tate & Co., three-st'y store and dwell., 1186 Lincoln Ave.; cost, \$6,000.

Philadelphia, Pa. — Market and Thirtieth Sts., three brick and stone stores; owners, Wm. McPherson & Sons, 326 Cherry St.

BUILDING INTELLIGENCE.

St. Louis, Mo. — Store and office-building, Chateau and Eighteenth Sts.; cost, \$40,000; owner and builder, H. E. Root.

TENEMENT-HOUSES.

Boston, Mass. — Barton St., No. 55, Ward 8, four-st'y brick tenement, flat roof, 27' x 46'; owner, H. Bilafsky; builder, C. A. Halstrom.

Falcon St., near Meridian St., Ward 1, three-st'y frame tenement, flat roof, 23' x 54'; owner, John Mullen; builder, A. N. Rogers.

South Margin St., No. 33, Ward 7, four-st'y brick tenement, flat roof, 20' x 52.9'; owner and builder, B. Stewer.

Willow Road, No. 18, Ward 19, three-st'y brick tenement, flat roof, 45' x 50'; owner and builder, W. H. Smith.

Hull St., Nos. 24-25, Ward 6, four-st'y brick tenement, flat roof, 27' x 50'; owners, L. Quivolo and J. B. Leverone.

Blossom St., Nos. 10 and 12, Ward 8, five-st'y brick tenement, flat roof, 40' x 90'; owner, E. Kambell.

WAREHOUSES.

Cincinnati, O. — Chas. Kuhl, two-st'y brick and stone warehouse, s. s. Canal St.; cost, \$2,500; architects, Samuel Hannaford & Son.

St. Louis, Mo. — Warehouse, Eighth and Walnut Sts.; cost, \$16,000; owner, Chas. H. Perck; contract not let.

MISCELLANEOUS.

Boston, Mass. — Batterymarch St., cor. Milk St., six-and-one-half-st'y brick and stone club-house, flat roof, 75' x 87'; owners, Exchange Club; builders, Whidden & Co.

East Sixth St., near P St., Ward 14, one-st'y frame pavilion, pitch roof, 50' x 80'; owner, Hugh McLaren; builder, John McIsaac.

South Eden St. and Tibbett's Town Way, near Rutherford Ave., Ward 4, frame restaurant, flat roof, 40' x 76'; owner, Theodore Lutz; builder, J. Hall.

Commercial St., No. 425, Ward 6, five-st'y brick storage, flat roof, 70' x 189'; owner, Constitution Wharf Co.

Chicago, Ill. — S. V. Sunderback, one-st'y power-house, 2746-2754 Evans Ave.; cost, \$40,000.
Anheuser-Busch Brewing Co., storehouse, barn and shed, 7130-7150 Nutt Ave.; cost, \$10,000.
Illinois Leather Co., engine-house, 9 Hooker St.; cost, \$3,000.

Chicago and South Side Rapid Transit Co., waiting-room, Congress St. and Victoria Alley; cost, \$4,000.
S. Franklin, boiler-room, 19 Waller St.; cost, \$5,000.

Chicago City Railway Co., depot, 5549 Lake Ave.; cost, \$3,500.
Central Park Odd Fellows Association, hall, 1329-1331 Lake St.; cost, \$5,000.

Coatesville, Pa. — Plans for three-st'y brick and stone building, tile roof; for the Young Men's Christian Association; architect, M. Feilding, 110 South Fourth St., Philadelphia.

Philadelphia, Pa. — Kingessing Ave. and Fifth St., plans for a frame building; for the Belmont Cricket Club; architects, Samuel Hall Day and Crawford Coates, Jr., 910 Drexel Building.

Guard Ave., s. e. Park Drive, one-st'y brick boiler-house; builder, Jacob R. G. rber, 52 North Thirtieth St.

Beach St., e. s. s. Cumberland St., 3 one-and-two-st'y brick shops; owner, Wm. Cramp & Sons, Beach and Ball Sts.

Fifth St., e. s. s. Clearfield St., one-st'y brick shop; builder, W. D. Huston, 2517 North Sixth St.

St. Louis, Mo. — Laundry, n. w. cor. Laclede and Channing Aves.; cost, \$11,000; owner, A. C. Buchard; contractor, Pipe.

COMPETITIONS.

EXTENSION OF TIME.

The time for sending in the designs in the Copley Square Competition (see announcement below) has been extended to April 24.

H. LANGFORD WARREN,

Secretary.

REMODELLING AND EMBELLISHMENT OF COPLEY SQUARE.

[At Boston, Mass.]

CONDUCTED UNDER THE AUSPICES OF THE BOSTON SOCIETY OF ARCHITECTS, February 28, 1893.

The importance of Copley Square as one of the most conspicuous architectural centres of Boston, and the opportunity it offers for a really noble monumental treatment, have impelled the Boston Society of Architects to consider seriously the best method of bringing about so desirable a result.

It is believed that if a considerable number of designs for such a treatment can be brought together and shown to the public as the result of educated professional study, we shall have taken an important step towards creating a serious interest in the matter on the part of the public, and towards inducing a wise and instructed action by the City Government.

The Society has accordingly determined to invite all persons professionally interested in the solution of such a problem as is here presented — whether archi-

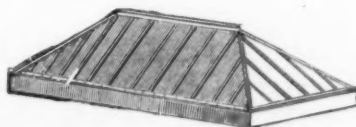
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Fully Guaranteed.

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COMPETITION.

itects, sculptors, engineers or landscape architects — to send in designs in accordance with the following programme; it being understood that this step is taken by the Society of its own motion, and without authority from any official source; and that no assurance can be offered to the competitors that their designs will ever be considered by the City Government, with whom alone rests the power to carry any design into execution.

CONDITIONS GOVERNING THE COMPETITION.

1. Every design must be illustrated by a plan drawn to a scale of 1-32 inch to the foot, and by a perspective, or bird's-eye view, and by such additional drawings as the author may wish to furnish; the style and number of drawings being left to the competitor.

2. All drawings must be mounted on cardboard, not larger than half an antiquarian sheet, 26 x 30 inches; no stretchers or frames to be used.

3. Each design must include some monumental feature in the centre of the Square, of whatever character the author may determine, and competitors are reminded that this necessitates a consideration of a new disposition of the tracks of the surface railways.

4. All drawings must be signed with the name and address of their authors, and must be sent on or before April 24, 1893, to the Secretary of the Society, — H. Langford Warren, No. 9 Park Street, Boston.

5. The Society offers five prizes of \$50 each for the five designs which shall be adjudged to be the best, by a jury of experts to be appointed by the Committee.

Note. — An outline bird's-eye view of the Square and its surroundings upon drawing-paper will be sent on receipt of application accompanied by 25 cents.

It is hoped that the designs received may be put on public exhibition; but the Committee engage that no design shall be exhibited without the consent of its author, nor without giving him the opportunity to copyright it should he so desire, and each competitor is therefore requested to state whether or not he is willing that his design should be included in the exhibition, and if he desires that it should be copyrighted, to enclose \$1.00 to cover the fees therefor.

All drawings will be returned to their owners as soon as possible after the proposed exhibition.

H. LANGFORD WARREN, Secretary,
9 Park St., Boston, Mass.

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NOTE TO SUBSCRIBERS.

The Publishers desire to point out to the Subscribers that *five extra plates* are given in the Fifth Part, which may be some excuse for the delay that has occurred in its publication. It is intended to issue a like number of Plates in the concluding Part, which will also contain Title-pages for binding the Work in two volumes; alphabetical and chronological lists of the plates and other illustrations, etc., together with "Remarks upon the introduction and development of the Style in England," by Mr. Gotch.

It may here be mentioned that when completed the Work will contain *Sixteen* more Plates than the number mentioned in the original prospectus, besides a great many more illustrations in the text, including a number of plans, some of which have not been obtained without difficulty. The success of the work has enabled the Publishers to make these additions without asking the Subscribers for any increase of the price, but they desire to make it known that immediately upon the issue of the sixth (and concluding) part the price will be raised to **SIXTY DOLLARS**, and they will be obliged by Subscribers helping them to prevent disappointment, by informing any of their friends who may wish to obtain a copy of the book of this intended increase.

211 TREMONT STREET, BOSTON, April, 1893.

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Treasury Department, Office Supervising Architect, Washington, D. C., April 6, 1893. Sealed proposals will be received at this office until 2 o'clock P. M. on the 27th day of April, 1893, and opened immediately thereafter, for all the labor and material required for the trench excavation, foundations, basement and area walls, basement columns and first-floor iron beams, of the United States Post-office building at Chester, Pa., in accordance with drawing and specification, copies of which may be had at this office, or the office of the Superintendent, at Chester, Pa. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any and all bids, or to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes, sealed, and marked "Proposal for the Trench Excavation, Foundations, Basement and Area Walls, etc., of the United States Post-office building at Chester, Pa.," and addressed to W. J. EDBROOKE, Supervising Architect. 904

Office of Light-house Engineer, Fifth District, Baltimore, Md., April 7, 1893. Sealed proposals will

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Treasury Department, Office Supervising Architect, Washington, D. C., March 31, 1893. Sealed proposals will be received at this office until 2 o'clock P. M. on the 26th day of April, 1893, and opened immediately thereafter, for all the labor and material and fixing in place complete the low-pressure, return-cir-

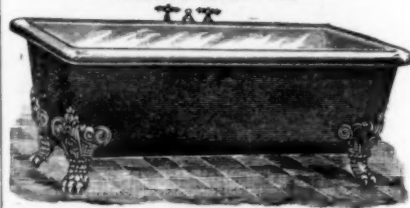
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ALTHOUGH numerous works have been issued on single monuments or those of single cities or provinces, the mediæval styles of Italy are yet far from having received the attention they deserve.

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The Siculo-Norman monuments of Palermo and environs belong to the most exquisite gems of mediæval architecture, and, interesting as they are from a historic point of view, they are none the less so to the practical designer. There is probably no set of mediæval monuments in Italy which offers such a large and varied mass of suggestions as the Palermitan monuments. Fergusson justly refers to the Palatine chapel as the gem of mediæval interior decoration, and the same is no less true of La Martorana, while the fame of Monreale and its cloisters is too well-known to require mention.

The author recently made a journey to Sicily and during his stay there devoted his time to the study of the Norman monuments. This work therefore represents a study by a practical architect and the text simply attempts to familiarize the reader with the circumstances under which these wonderful monuments were created, and with some of the peculiar technical processes employed in their construction and decoration.

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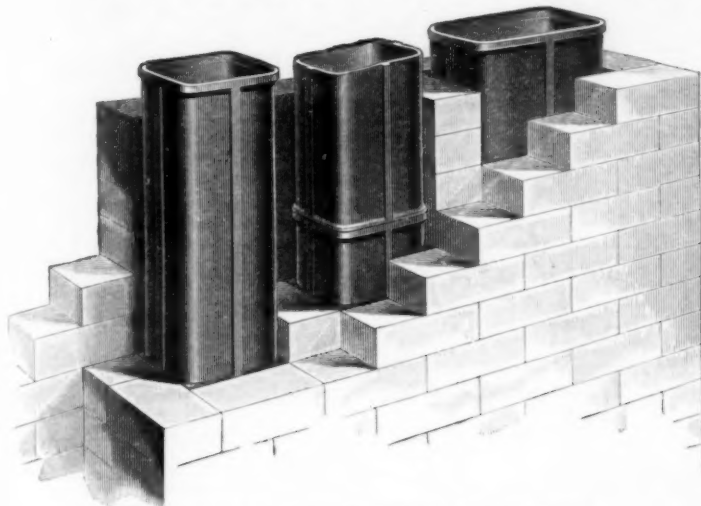
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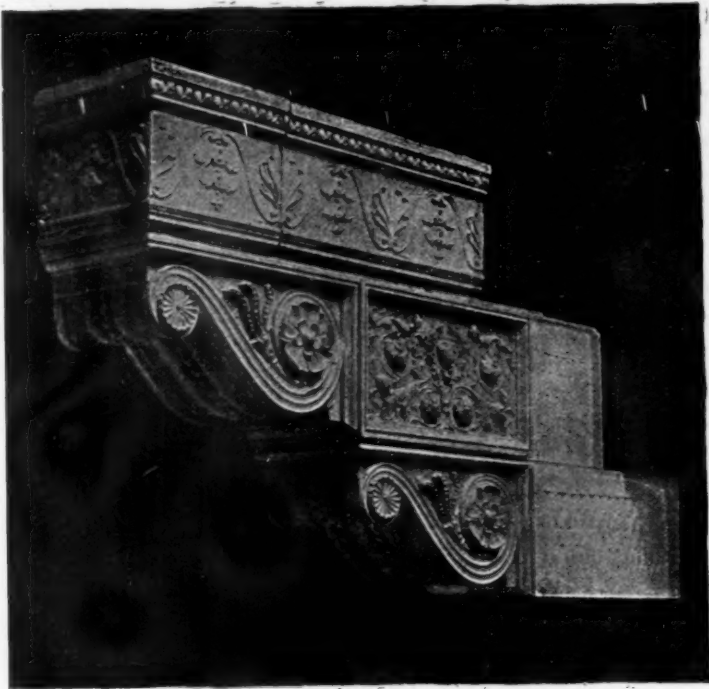
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The assertion that the *American Architect* is a paper whose characteristics are *national* and not merely local is supported by the following table, which exhibits the manner in which several journals have treated domestic architecture. In this comparison the *IMPERIAL* edition of the *American Architect* is considered, since the additional plates of the *INTERNATIONAL* edition are, in the main, illustrations of foreign work.

PAPER.	Number of subjects contributed.	Number of contributing architects.	Towns in which contributors were established.	States in which contributors were established.	In the first column, "subjects," only actual domestic work is included (foreign work, imaginative designs and the work of sketch-clubs are excluded), and the figures there given indicate that this number of designs might have been prepared by the same number of architects practising in the same number of different towns. The remaining columns show how nearly this ideal distribution has been reached in each case.	Architects practising in the State of publication furnished.				
						Subjects.	Per cent of total number of subjects.	Different architects contributing.	Per cent of total number contributing architects.	Towns.
No. I. . . .	214	109	28	16		161	.752	75	.688	7
No. II. . . .	137	78	21	15		46	.335	24	.307	2
No. III. . . .	118	56	16	11		70	.593	22	.392	1
Am. Architect.	207	152	47	24		73	.273	39	.256	3

From this table it appears that Massachusetts architects—.256 per cent of the total number of contributors—provided only .273 per cent of the total number of designs published, percentages which, in view of the fact that Massachusetts is one of the most populous States in the Union, prove that they have not been accorded an amount of our limited space.

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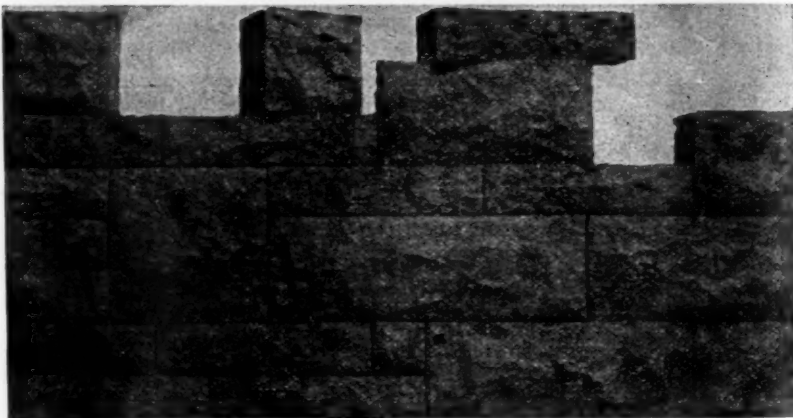
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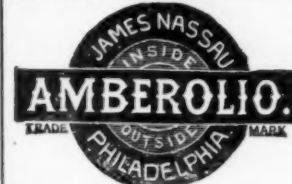
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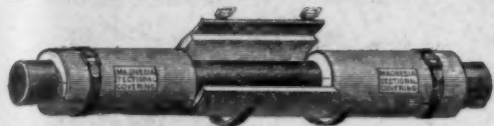
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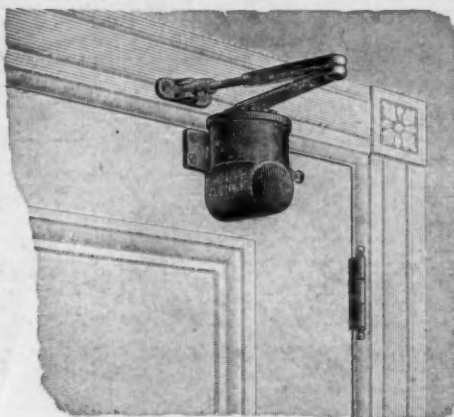
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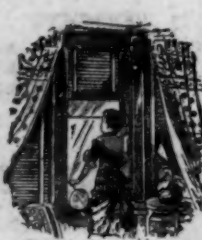
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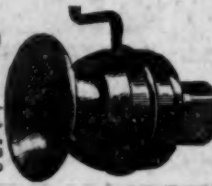


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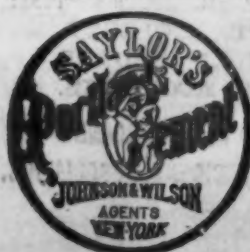
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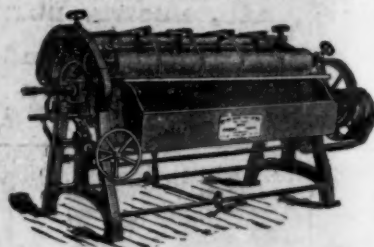
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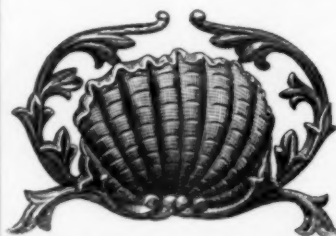
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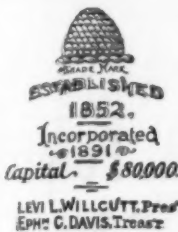
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" 2d quality.....
" 3d quality.....
Spruce.....
Hemlock.....
Yellow pine.....
Cypress.....

Clapboards:

Pine.....
Spruce.....

Framing Timber:

Pine.....
Spruce.....
Hemlock.....
Yellow pine.....

Laths:

Pine.....
Spruce.....

Shingles:

Pine, shaved..... P. M.....
Pine, sawed.....
Spruce, sawed.....
Redwood.....
Cedar split..... P. M.....
Cedar sawed.....
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Chestnut posts.....

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Cherry.....
Butternut.....
Hard-pine floors (rift).....
Mahogany, Baywood [Mexican].....
St. Domingo.....

Maple.....
Oak, red.....
" white.....
" quartered.....
Sycamore quartered.....
Pine, clear.....
Redwood.....
Rosewood.....
Spruce floors (clear, kiln-dried).....
Walnut, black.....
Whitewood.....
Yellow pine..... P. M.....

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55 00 @ 75 00
55 00 @ 60 00
18 00 @ 22 00
@ 25 00
ca 13 1/2 @ 14
20 @ 40
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14 00 @ 18 00
12 00 @ 16 00
18 00 @ 21 00

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80 00 @ 120 00
40 00 @ 60 00

@ 180 00
@ 350 00

45 00 @ 50 00
@ 70 00
@ 70 00
@ 90 00

65 00 @ 70 00
60 00 @ 70 00

@ 6
@ 8

125 00 @ 150 00
45 00 @ 50 00

@ 45 00

Boston.

(Prices to Builders and Contractors.)

55 00 @ 70 00
42 00 @ 50 00
35 00 @ 40 00
14 50 @ 25 00
13 00 @ 15 00
13 00 @ 15 00
25 00 @ 35 00
31 00 @ 40 00

38 00 @ 60 00
23 00 @ 38 00

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120 00 @ 350 00

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65 00 @ 75 00
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50 00 @ 75 00
60 00 @ 70 00

32 00 @ 35 00

85 00 @ 120 00
40 00 @ 45 00
40 00 @ 42 00

Chicago.

(Prices to Builders and Contractors.)

42 00 @ 50 00
27 00 @ 38 00
14 00 @ 20 00
Not sold.
@ 12 00
21 00 @ 34 00
18 00 @ 34 00

19 00 @ 24 00
Not sold.

12 00 @ 17 50
Not sold.
10 00 @ 13 00
24 00 @ 34 00

@ 2 65
Not sold.

Not sold.
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Not sold.
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Philadelphia.

(Prices to Builders and Contractors.)

48 00 @ 55 00
40 00 @ 45 00
30 00 @ 35 00
16 00 @ 20 00
11 25 @ 13 50
14 00 @ 29 00
@ 35 00

14 00 @ 25 00
Not sold.

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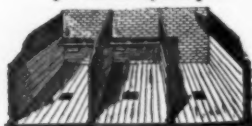
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Haverstraw Bay 2d.....	4 75 @ 5 25			Medium " @ 12 00
" 1st.....	5 50 @ 5 75			Red " @ 13 00
Hollow.....	@ 13 00			Dark " @ 13 00
Fronts:				Pressed @ 13 00
Croton, Brown.....	@ 12 00			Best Paving 18 00 @ 20 00
" dark.....	@ 13 00			Second " @ 14 00
" red.....	@ 13 00			Third " @ 12 00
Chicago pressed (Anderson).....				Dom. { @ 65
" Moulded.....				BS&Co 1 30 @ 1 50
Baltimore.....	37 00 @ 41 00			2 75 @ 3 00
Philadelphia.....	23 00 @ 24 00			2 85 @ 3 25
Trenton.....	19 00 @ 20 00			2 85 @ 3 15
Milwaukee.....				2 75 @ 3 00
Moulded:				2 85 @ 3 15
Glens Falls Red Pressed.....	@ 37 00			2 75 @ 2 85
" Buff.....	@ 30 00			Hemmoor 2 50 @ 2 75
" Moulded Red & Buff.....	45 00 @ 70 00			2 75 @ 2 85
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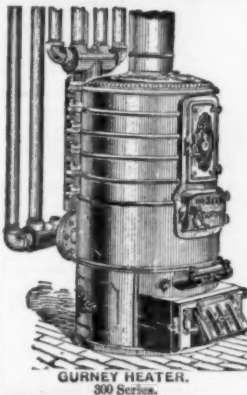
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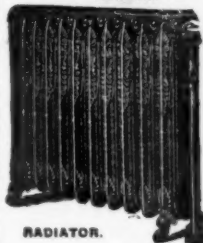
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Bluestone: \$ sq. ft.)				
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Planed.....	50 6 00	75	50 1 00	37 50
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Longmeadow.....	80	80 90	80	95 1 05
Kibbe.....	90	90 1 10	90	1 05 1 25
Brown (Connecticut).....	1 00 90	1 25 1 45	1 50 50	85 95
Amherst Ohio.....	90 90	90 1 00	45 50	85 95
Berea.....	75 1 00	85 90	45 55	85 95
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Belleville.....	80 1 25	1 25 1 35	55 1 25	1 00 1 10
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Caen.....	80 1 00	75 90	55 1 25	1 05 1 15
Carlisle, English.....	80 1 05	75 90	55 1 25	1 05 1 15
Corse Hill (Scotch).....	80 1 05	75 90	55 1 25	1 05 1 15
Marble: (\$ cu. ft.)				
Lee, Mass.....	1 25 1 75	1 75 2 50	3 50 6 00	2 00 2 50
Rutland, white and blue.....	1 25 1 75	1 75 2 50	3 50 6 00	2 00 2 50
Sutherland Falls.....	1 25 1 75	1 75 2 50	3 50 6 00	2 00 2 50
Glens Falls, black.....	1 25 1 75	1 75 2 50	3 50 6 00	2 00 2 50
Italian, blue-veined.....	1 25 1 75	1 75 2 50	3 50 6 00	2 00 2 50
" Sienna.....	1 25 1 75	1 75 2 50	3 50 6 00	2 00 2 50
Tennessee, red.....	1 25 1 75	1 75 2 50	3 50 6 00	2 00 2 50
" Knoxville.....	1 25 1 75	1 75 2 50	3 50 6 00	2 00 2 50
Pennsylvania, blue.....	1 25 1 75	1 75 2 50	3 50 6 00	2 00 2 50
Vermont, white.....	1 25 1 75	1 75 2 50	3 50 6 00	2 00 2 50
Slate: Roofing (\$ square).....				
" green.....	5 00 6 00	4 75 5 25	5 50 6 10	2 30 3 00
" unfading.....	5 00 6 00	4 75 5 25	5 50 6 10	2 30 3 00
" purple.....	5 00 6 00	4 75 5 25	5 50 6 10	2 30 3 00
" red.....	5 00 6 00	4 75 5 25	5 50 6 10	2 30 3 00
" black, Lehigh.....	4 25 4 75	4 75 5 25	5 50 6 10	2 30 3 00
" Chapmans.....	4 25 4 75	4 75 5 25	5 50 6 10	2 30 3 00
" Unfading black, Monson, Me.....	5 50 8 00	5 50 8 00	5 50 6 10	2 30 3 00
Tiles, Am. ... \$ M.....	5 50 8 00	5 50 8 00	5 50 6 10	2 30 3 00
N. Peach Bottom, warranted unfading.....	5 50 8 00	5 50 8 00	5 50 6 10	2 30 3 00
PAINTS. (In Oil & lb.)				
White lead, Am.....	7 00 7 50	6 00 7 00	7 00 7 50	7 00 7 50
" zinc.....	5 00 5 50	4 00 5 00	5 00 5 50	5 00 5 50
Red lead, Am.....	6 00 6 50	5 00 6 00	6 00 6 50	6 00 6 50
" Venetian.....	6 00 6 50	5 00 6 00	6 00 6 50	6 00 6 50
" Vermillion.....	6 00 6 50	5 00 6 00	6 00 6 50	6 00 6 50
" Indian, Eng.....	6 00 6 50	5 00 6 00	6 00 6 50	6 00 6 50
Yellow Ochre.....	6 00 6 50	5 00 6 00	6 00 6 50	6 00 6 50
" Chrome.....	6 00 6 50	5 00 6 00	6 00 6 50	6 00 6 50
Green (chrome).....	6 00 6 50	5 00 6 00	6 00 6 50	6 00 6 50
Green, Paris.....	6 00 6 50	5 00 6 00	6 00 6 50	6 00 6 50
Black, lamp.....	6 00 6 50	5 00 6 00	6 00 6 50	6 00 6 50
Blue, ultramarine.....	6 00 6 50	5 00 6 00	6 00 6 50	6 00 6 50
Oil, linseed, (raw).....	6 00 6 50	5 00 6 00	6 00 6 50	6 00 6 50
" boiled.....	6 00 6 50	5 00 6 00	6 00 6 50	6 00 6 50
Turpentine.....	6 00 6 50	5 00 6 00	6 00 6 50	6 00 6 50
Varnish, coach.....	6 00 6 50	5 00 6 00	6 00 6 50	6 00 6 50
Shellac.....	6 00 6 50	5 00 6 00	6 00 6 50	6 00 6 50
Putty.....	6 00 6 50	5 00 6 00	6 00 6 50	6 00 6 50
Whiting.....	6 00 6 50	5 00 6 00	6 00 6 50	6 00 6 50
Paris white, (Eng.).....	6 00 6 50	5 00 6 00	6 00 6 50	6 00 6 50
Litharge, Am.....	6 00 6 50	5 00 6 00	6 00 6 50	6 00 6 50
Sienna (burnt).....	6 00 6 50	5 00 6 00	6 00 6 50	6 00 6 50
Umber.....	6 00 6 50	5 00 6 00	6 00 6 50	6 00 6 50
HARDWARE.				
Nails: (Per Cask.) Spikes, (sawed).....	2 85	2 85	2 85	2 85
10d. common.....	2 85	2 85	2 85	2 85
Shingle.....	2 85	2 85	2 85	2 85
Lath.....	2 85	2 85	2 85	2 85
(Finishing nails according to size).....	2 85	2 85	2 85	2 85
(For casing nails add 75 c. per keg).....	2 85	2 85	2 85	2 85
Butts: 4" x 4".....	1 00	1 00	1 00	1 00
Plain.....	1 00	1 00	1 00	1 00
Japaned.....	1 00	1 00	1 00	1 00
Acorn, Japaned.....	1 00	1 00	1 00	1 00
Ball Tip, Boston Finish.....	1 00	1 00	1 00	1 00
Bronze metal.....	1 00	1 00	1 00	1 00
Brass (for cupboards).....	1 00	1 00	1 00	1 00
Ebony.....	1 00	1 00	1 00	1 00
Apple wood.....	1 00	1 00	1 00	1 00
Knobs: (Per set).....	1 00	1 00	1 00	1 00
Mineral, best.....	1 00	1 00	1 00	1 00
Lava.....	1 00	1 00	1 00	1 00
Hemacite.....	1 00	1 00	1 00	1 00
Porcelain.....	1 00	1 00	1 00	1 00
Glass, solid.....	1 00	1 00	1 00	1 00
Glass, silvered.....	1 00	1 00	1 00	1 00
Bronze metal.....	1 00	1 00	1 00	1 00
Brass.....	1 00	1 00	1 00	1 00
Solder.....	1 00	1 00	1 00	1 00
Sheet Lead.....	1 00	1 00	1 00	1 00
Lead Pipe.....	1 00	1 00	1 00	1 00
Iron:				
I-Beams, up to and including 30 ft.....	3 8-10 24	3 8-10 24	3 8-10 24	3 8-10 24
do. over 30 ft., 1/2 c. adv. for every 5 ft.....	3 8-10 24	3 8-10 24	3 8-10 24	3 8-10 24
Channel Beams.....	3 8-10 24	3 8-10 24	3 8-10 24	3 8-10 24

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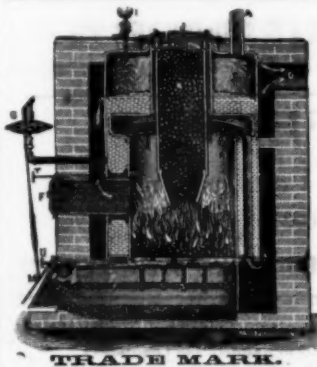
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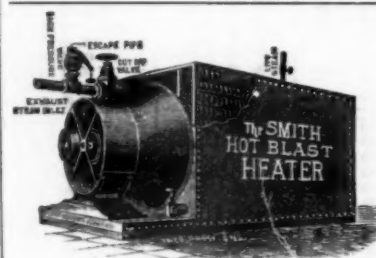
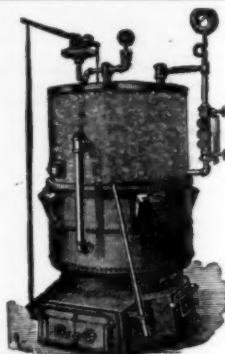
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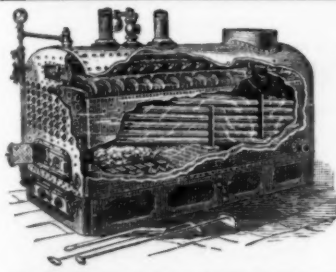
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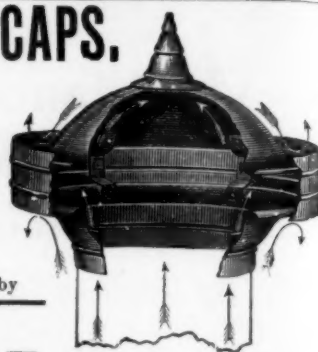
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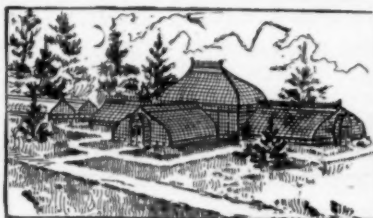
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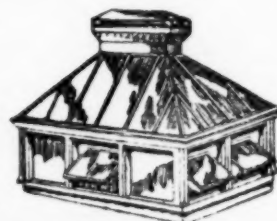
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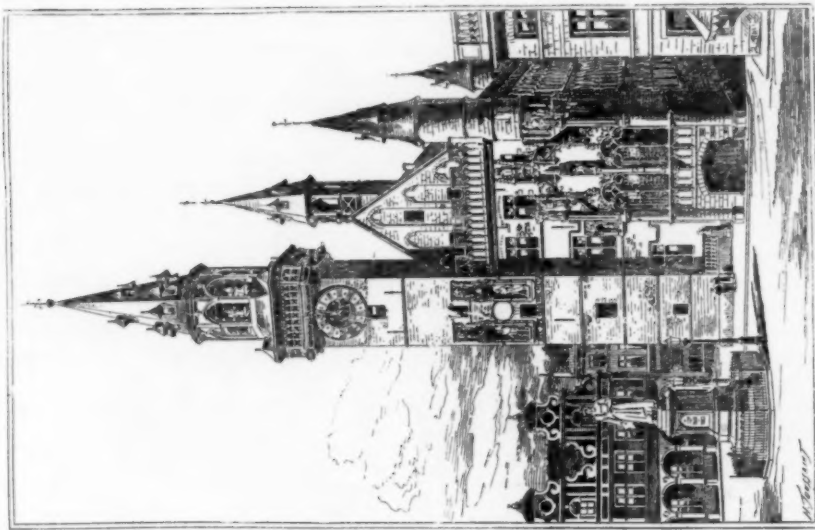
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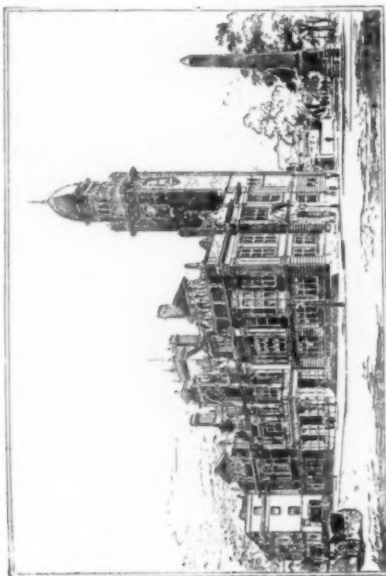
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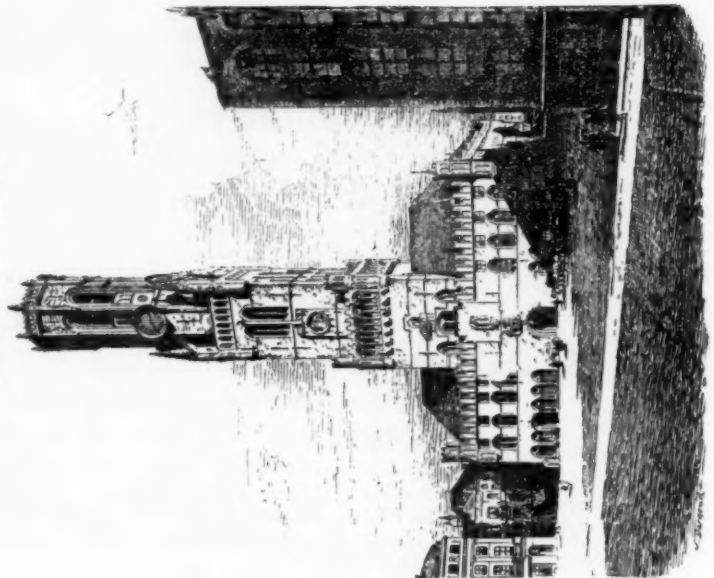
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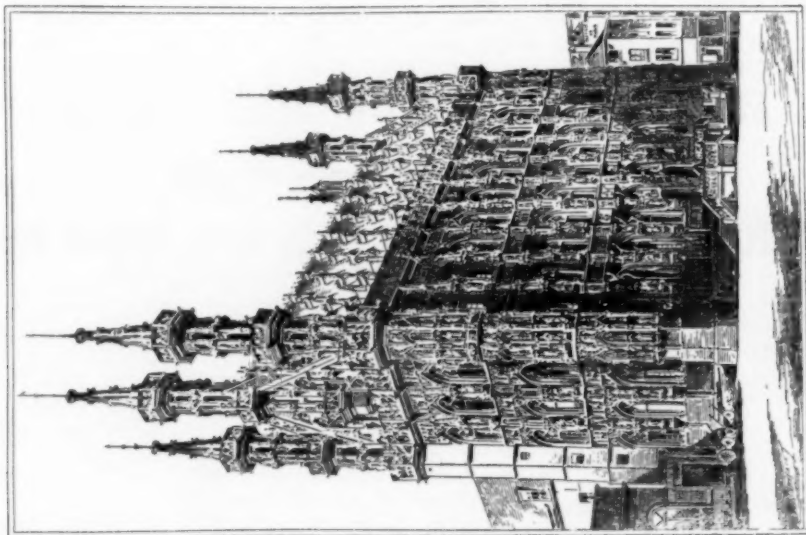
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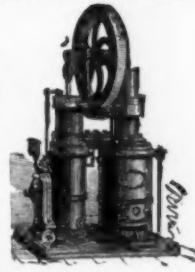
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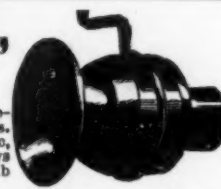


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TABLE OF CONTENTS.

[This Table localizes only the main groups. For a full enumeration of advertisements see Classified Index on pages vii, xxi, and xxii.]

Books.....viii.	Decorators.....xiii.	Heating Apparatus.....v, vi.	Patents.....xiv.	Skylights.....viii
Bricks.....xxiv.	Elevators.....xiii.	Indexes.....vii, xxi, xxii.	Plumbing Supplies.....xi.	Stained-glass.....ii, iii
Building News.....xv.	Fireproofing.....xxiii.	Ironwork.....xvi.	Proposals.....xi.	Stone.....xxiii
Cements.....xxii.	Gas Apparatus.....xi.	Market Quotations.....lii, iv, v.	Publisher's Department.....xiv.	Terra-Cotta.....xxiv
Contractors.....ii.	Hardware.....xii.	Mortar Colors.....xxii.	Roofing.....ix.	Wants.....xiv

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(Continued on page xv)

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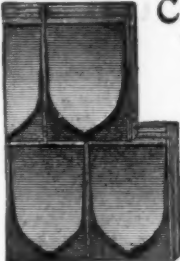
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From Bremen.—Steamer "*Pharos*," 2,016 barrels Portland cement, Baetjer & Meyerstein; 4,050 casks asphaltum, Gabriel & Schall; 4,032 barrels Portland cement, order.

From Bremerhaven.—Steamer "*Senator Iken*," 3,500 casks asphaltum, Chas. W. Saacke; 1,008 casks cement, order.

From Cardenas.—Steamer "*Holstein*," 99 bags asphaltum, Balsells & Co.

From Cazes, Mex.—Schooner "*Thos. P. Ball*," 401 logs mahogany, Flint & Co.

From Colon.—Steamer "*Colombia*," 3 logs mahogany, Eggers & Heinlein.

From Copenhagen.—Steamer "*Hekla*," 32 packages lumber, for Danish pavilion.

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From Hamburg.—Steamer "*Loughrigg Holme*," 1,200 casks Portland cement, order. Steamer "*Moravia*," 560 casks cement, E. Thiele; 3 barrels cement, order. Steamer "*Moravia*," 1,465 barrels cement, order. Steamer "*Scandia*," 560 casks cement, E. Thiele.

From Havana.—Steamer "*Saratoga*," 500 sacks asphalt, order. Schooner "*W. H. Swan*," 8,722 logs mahogany, J. M. Ceballos & Co.

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From Leghorn.—Steamer "*Olympia*," 5 blocks marble, Pells & Co.; 322 marble slabs, Taber & Co.; 55 blocks marble, 857 slabs do., Taber & Co.; 91 marble slabs, order.

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From Panama.—Steamer "*San Marcos*," 51 logs mahogany, Isaac Branton & Bro.; 14 do., D. M. Piza.

From Rotterdam.—Steamer "*Port Victor*," 2,000 casks cement, 100 do. black cement, E. Thiele; 1,000 do. cement, order. Steamer "*Dubbeldam*," 1,500 casks cement, Morris Ebert; 500 do., E. Thiele. Steamer "*Obdam*," 1,000 casks cement, order.

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From Tlacotalpan.—Steamer "*Scottish Prince*," 625 logs mahogany and cedar, H. Marquardt & Co.

From Trinidad.—Steamer "*Prins Frederick Hendrik*," 125 barrels asphalt, Middleton & Co. Schooner "*Rhode Island*," 1,530 tons asphalt, order.

From Vera Cruz.—Steamer "*Yumuri*," 8 blocks marble, Thebaud Bros.; 9 do., H. Marquardt & Co. Steamer "*Scottish Prince*," 8 logs mahogany, J. W. Wilson & Co.; 67 do., W. R. Grace & Co.

From Zanzibar.—Bark "*Sarah S. Ridgeway*," 736 logs ebony, order.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

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

ALTERATIONS.

Chicago, Ill.—E. Frankhauser, store front and interior alterations, 570-572 Wabash Ave.; cost, \$4,000. F. I. Brand, three-sty rear addition, 71-73 West Twenty-second St.; cost, \$10,000. G. H. Webster, two-sty rear addition and interior alterations, 2832 Prairie Ave.; cost, \$6,000. Adams Express Co., three-sty addition to barn, 140-146 West Monroe St.; cost, \$25,000. Chicago Preparatory School, three-sty addition, 3715 Langley Ave.; cost, \$3,000.

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Alterations to Girls' Normal School; builders, Thompson Bros.

Second Section, alterations to the Stockdale School-house; builder, R. A. Rordner.

Seventh Section, alterations and additions to the Nineteenth and Addison School-houses; builders, Coyte & Son.

Fifteenth Section, alteration to the Stevens School-house; builders, Philadelphia Steam-heating Co.

Providence, R. I. — Union St., w s, alterations to frame building; owner, Chris. Arnold Est.; architects, Stone, Carpenter & Willson; builder, Wm. Douglass.

APARTMENT-HOUSES.

New York, N. Y. — Monroe St., Nos. 22-24, 2 five-sty brick flats, tin roofs; cost, \$50,000; owner, Phil. Wagner, West One Hundred and Thirteenth St., Riverside Drive; architects, Schneider & Herter, 48 Bible House.

East Eighty-third St., Nos. 113-115, 2 five-sty brick flats, tin roofs; cost, \$22,000; owner, John W. Livingston, 103 East Eighty-sixth St.; architects, Neville & Bagge, 517 West One Hundred and Twenty-fifth St.

Lexington Ave., s e cor. One Hundred and Thirtieth St., 2 five-sty brick flats, tin roofs; cost, \$68,000; owner, William Leyman, 54 East One Hundred and Twenty-second St.; architect, John Hauser, 1441 Third Ave.

Ninety-third St., s s, 100' w First Ave., 7 five-sty brick flats, terra-cotta roofs; cost, \$112,000; owner, John McLoughlin, 346 East Eighty-first St.; architect, Edward Wenz, 1491 Third Ave.

St. Nicholas Ave., n e cor. One Hundred and Forty-fifth St., seven-sty brick flat, tin roof; cost, \$75,000; owner, George Daiker, 730 St. Nicholas Ave.; architect, Paul F. Higgs, 836 Broadway

FACTORIES.

Brooklyn, N. Y. — Kent Ave., Nos. 511-513, one-sty brick factory, tin and gravel roof; cost, \$4,000; owners, S. Howard's Sons, 509 Kent Ave.; architect, M. Thomas, 16 Court St.

HOUSES.

Baltimore, Md. — E. L. Johnson, 2 two-sty brick buildings, n s Huntington Ave., bet. St. Paul and Barclay Sts.

Thomas E. Bond, 5 three-sty brick buildings, w s Park Ave., beg. s w cor. Newington Ave.

Wm. Chase, three-sty brick building, w s Canton St., bet. Hudson and Dillon Sts.

John F. Hirt, 6 two-sty brick buildings, s s Jefferson St., beg. s w cor. Madeira Alley.

F. D. Sauerwein, 16 three-sty brick buildings, n s Edmondson Ave., beg. n e cor. Monroe St.

A. K. Wood, 2 three-sty brick buildings, e s Barclay St., s Huntington Ave.

C. C. Shriver, 6 two-sty brick buildings, n s Fifth Ave., bet. Falls Road and Hickory Ave.

D. S. Collett, 8 two-sty brick buildings, s s Girard Ave., e Huntington Ave.

Boston, Mass. — Beacon St., Nos. 914-916, Ward

BUILDING INTELLIGENCE.

22, 2 four-sty brick dwells., flat roofs, 24' x 68' and 23' x 68'; owner and builder, S. M. Shapleigh.

Leyland St., near Burgess St., Nos. from 2 to 10, Ward 20, 9 three-sty brick dwells., flat roofs, 27' x 40'; owner, Louise J. Founier; builder, J. S. Founier.

Chicwick Road, near Commonwealth Ave., Ward 25, frame dwell., 48.10' x 55.6'; owner, Alfred S. Foster; builder, R. J. Flewelling.

Walden St., near Centre St., Ward 22, frame dwell., 23' x 30'; owner, Wm. Smith; builder, Herman Call.

Norfolk St., near Wentworth St., Ward 24, three-sty frame dwell., flat roof, 24' x 44'; owner, Catherine Stanton; builder, F. O. Hearn.

Farrington St., near Linden St., Ward 25, frame dwell., 30' x 55.6'; owner, Frank E. Wingate; builder, F. L. Whitcomb.

Hillside St., near Wenham St., Ward 23, frame dwell., 22' x 46.3'; owner, Henry Landry; builder, Joseph Landry.

Draper St., cor. Westville St., Ward 24, frame dwell., 26.6' x 50'; owner, Patrick Doherty; builders, H. S. & N. Clark.

Chamberlain St., bet. Harvard and Algonquin Sts., Ward 24, frame dwell., hip roof, 28.3' x 44'; owner, Frank A. Ware; builders, Alcock & McKay.

Mattapan St., near Blue Hill Ave., Ward 24, frame dwell., 25.6' x 34.6'; owner, Philip A. Cushing; builder, L. H. Cushing.

Hunstead Lane, cor. Smith St., Ward 22, 2 three-sty frame dwells., flat roofs, 41' x 40', 24' x 37'; owner, T. O'Leary; builder, David Leane.

Terrace St., near New Heath St., Ward 22, three-sty frame dwell., flat roof, 24' x 40'; owner, Valentine Koerber; builders, Fuchs & Spingler.

Berkeley Ave., near Centre St., Ward 23, three-sty frame dwell., flat roof, 28' x 36'; owner and builder, J. W. Priesing.

Alden Place, near Green St., Ward 23, frame dwell., hip roof, 25' x 42'; owner, Michael Gately; builder, G. A. Cahill.

Baldow St., near Jones Ave., Ward 24, frame dwell., 23' x 33'; owner and builder, James E. Wilber.

Baxter St., near D St., Ward 13, three-sty frame dwell., flat roof, 22' x 38'; owner, Jas. Russell, Jr.; builders, H. S. & N. Black.

Batchelder St., near Marshfield St., Ward 20, three-sty frame dwell., flat roof, 24' x 47'; owner, Chas. Hynes; builder, L. S. Boulton.

Moreland St., No. 16, Ward 21, frame dwell., 21.6' x 53'; owner, Henry Kelley; builder, John Ellis.

Ashmont St., near Washington St., Ward 24, frame dwell., 24' x 40.6'; owner and builder, W. H. Lowd.

Kilgath Road, near Lanark Road, Ward 25, frame dwell., 27.10' x 47.10'; owner, Clarence H. Pond; builder, H. H. Hunt.

Chestnut Ave., near Wyman St., Ward 23, frame dwell., 30' x 41'; owner, J. F. Haverstadt; builder, J. A. Paine.

Parker St., No. 813, Ward 22, frame dwell., 26' x 51'; owner, W. S. Cole.

Bennington St., near Prescott St., Ward 1, three-sty frame dwell., flat roof, 22' x 51'; owner, Louis Flot; builder, F. N. Whitehouse.

Hoveland St., near Humboldt Ave., Ward 21, frame dwell., hip roof, 37' x 39'; owner, Peter C. Crowley; builder, J. H. Pineo.

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BUILDING INTELLIGENCE.

Carlisle St., near Centre St., Ward 24, frame dwell., 22.6' x 39.6'; owner and builder, Lewis Morton.

Kensington St., near Elmore St., Ward 21, three-sty frame dwell., flat roof, 20' x 50'; owner and builder, J. J. Johnston.

Harlow St., near Folsom St., Ward 20, three-sty frame dwell., flat roof, 25' x 60'; owner, R. F. Crosby; builder, Robert Black.

Elmore St., cor. Kensington St., Ward 21, 3 three-sty frame dwells., flat roofs, 26' x 50'; owner and builder, J. J. Johnston.

Gardner St., near Baker St., Ward 23, frame dwell., 22' x 23'; owner, G. S. McLeod.

Florence St., cor. Ashland St., Ward 23, frame dwell., hip roof, 31.6' x 35'; owner, S. Wardwell.

Norfolk St., near Wentworth St., Ward 24, frame dwell., 25' x 39.6'; owner, G. A. Richards; builder, W. R. Wallis.

Norfolk St., cor. Clifton St., Ward 23, frame dwell., 25' x 29'; owner, Arthur Young; builder, F. Little.

North Beacon St., near Market St., Ward 25, frame dwell., 24' x 46'; owner, Timothy Dwyer; builder, James Muldoon.

Savin Hill Ave., near Robinson Ct., Ward 24, frame dwell., 21' x 43'; owner and builder, Isaac Schurman.

Cleveland Pl., near Sheafe St., Ward 6, three-sty brick dwell., flat roof, 28' x 30'; owner, H. Wyzanski; builders, Wine & Phillips.

Selkirk Road, near Chicwick Road, Ward 25, frame dwell., hip roof, 45' x 55'; owner, Mrs. M. W. Bemis; builder, J. M. E. Morrill.

Unnamed St., off Maywood St., Ward 21, three-sty frame dwell., pitch roof, 23' x 51'; owner and builder, W. Donaldson.

Washington St., No. 341, Ward 24, frame dwell., 46' x 53'; owner, F. H. Talcott; builders, W. H. Haddock & Co.

Clifton St., No. 16, Ward 20, three-sty frame dwell., flat roof, 29' x 44'; owner and builder, C. M. Titus.

Cooper St., near Moore St., Ward 1, frame dwell., 21' x 29'; owner, C. B. Pierce; builder, A. M. Morse.

Chelsea St., Nos. 98-106, Ward 2, 5 three-sty frame dwells., flat roofs, 20' x 32'; owner and builder, Herman Drake.

Linden St., No. 29, Ward 24, frame dwell., flat roof, 22.11' x 43.9'; owner, Mary McIntosh; builder, M. F. Sullivan.

Wyman St., near Centre St., Ward 23, two-sty frame dwell., hip roof, 27.4' x 50.10'; owner, Philip J. Jager; builders, Fuchs & Wangler.

Alton Pl., No. 30, Ward 22, three-sty frame dwell., 24' x 36'; owner, Anton Volk; builder, P. P. Mulligan.

Savin Hill Ave., near Grampian Way, Ward 24

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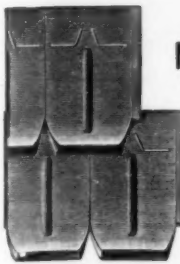
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BUILDING INTELLIGENCE.

frame dwell., 20' x 40'; owner and builder, Isaac Schurman.

Marcella St., No. 43, Ward 21, three-sty frame dwell., flat roof, 24' x 48'; owner and builder, Phineas B. Smith et als.

Leicester St., near Bennett St., Ward 25, two frame dwells., 21.6' x 40.3'; owner, Patrick Ready; builder, James Muldoon.

Cedar Park, off Cedar St., Ward 21, four frame dwells., 20' x 50.6'; owner, F. J. Whitney; builders, Greenlaw & Smith.

Brooklyn, N. Y.—Himrod St., n s, 100' e Knickerbocker Ave., 5 three-sty frame dwells., tin roofs; cost, \$4,500 each; owners, Duncan & Son, 266 Jefferson St.; architects, D. Acker & Son, 752 Broadway.

Barbey St., w s, 125' n Dumont Ave., two-sty frame dwell., tin roof; cost, \$3,000; owner and builder, Richard Max, 592 Broadway.

Monroe St., No. 648, two-sty brick dwell., tin roof; cost, \$5,000; owner, Thos. Miller, 810 Putnam Ave.; architect, Chas. R. Behrens, 628 Monroe St.

McDonough St., s e cor. Throop Ave., three-sty brick dwell., tin roof; cost, \$9,000; owner, John Fraser, 44 Rochester Ave.; architect, T. B. Langston, 1239 Bedford Ave.

Nostrand Ave., n w cor. Dean St., 5 three-sty brick dwells., tin roofs; cost, \$5,000 each; owner, Thos. Brown, 762 Tenth St.; architect and builder, F. F. Hegge, 835 Broadway, New York City.

Park Pl., s s, 350' e Classon Ave., three-sty brick dwell., tin roof; cost, \$5,000; owner and builder, Robert Clark, 507 St. Mark's Ave.; architect, J. J. Gilligan, 375 Fifth St.

Fifty-ninth St., n s, 100' e Third Ave., 8 four-sty brick dwells., tin roofs; cost, \$4,000 each; owner, Chas. Hart, Fourth Ave. and Degraw St.; architect, James H. Pigot, 189 Montague St.

Quincy St., s s, 190' w Stuyvesant Ave., 5 two-sty brick dwells., tin roofs; total cost, \$30,000; owner, Mrs. F. E. Gilger, 415 Seventeenth St.; architect, John Carl, 60 West Twenty-second St., New York City; builder, Sylvester Searing, 415 Seventeenth St.

Fifty-fourth St., n s, 240' e Fourth Ave., 3 two-sty brick dwells., tin roofs; cost, \$3,500 each; owners, Hamilton Bros., Fifty-second St., near Fourth Ave.; architects, H. L. Spicer & Son, Third Ave. and Fifty-third St.

Chicago, Ill.—Gelman St., one-and-one-half-sty frame dwell.; owner, R. A. Hutchinson; contractor, Wm. Power.

Canterbury St., three-sty frame dwell.; owner, Thos. Connelly; contractor, E. B. Roger.

Canterbury St., three-sty frame dwell.; owner, Mrs. Bridget McCabe; contractor, H. L. Putnam.

Caristad St., three-sty frame dwell.; owner, A. Silven; contractors, Nilson & Silven.

Wauchett St., two-sty frame private dwell.; owner, H. P. Murray; architect, W. H. Harvey; contractor, O. M. Ball.

Hollywood St., two-sty frame dwell.; owner, W. S. French; contractor, A. D. Ward; architects, Barker & Nourse.

Hope Ave., one-and-one-half-sty frame dwell.; owner and contractor, Wm. Power.

Cincinnati, O.—Mrs. Ricking, brick and stone dwell., s w Laurel St.; cost, \$2,500; architect, Adam Bast.

J. C. Pliff, brick and stone double dwell., s w Ida St.; cost, \$6,000; architect, Adam Bast.

Wm. Hopkins, four-sty brick and stone dwell., s w Ida St.; cost, \$6,000; architect, Adam Bast.

Fred. Becker, three-sty brick and stone building, 27 Bank St.; cost, \$5,200; architect, Jos. Ellick.

Max Braam, two-and-one-half-sty brick and stone dwell., e Vine St.; cost, \$3,600; architect, J. J. Reuckert.

J. E. Rattmann, three-sty brick and stone dwell., s e Apjohn St.; cost, \$3,600.

Mrs. Koerbitz, two-and-one-half-sty brick and stone dwell., s w Ferne St.; cost, \$7,500; architect, Emil J. Reuckert.

E. & A. Bauer, two-and-one-half-sty brick and stone dwell., s w Conway St.; cost, \$4,000; architect, Adam Bast.

Robt. and Wm. Bahmann, two-and-one-half-sty brick and stone dwell., s s Howell St.; cost, \$6,000; architect, W. W. Franklin.

Chas. Feltzels, two-and-one-half-sty frame dwell., s e Loth St.; cost, \$3,000; architect, Wm. Meyer.

Clinton Truesdail, two-and-one-half-sty frame

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dwell., s e Considine St.; cost, \$3,300; architects, Raymond & Rabenstein.

Haddonfield, Camden, N. J.—Centre St., plans for dwell.; for Mr. John W. Anderson of Collingwood; architect, John C. Hoops.

New York, N. Y.—Edgcomb Ave., e s, 386' s One Hundred and Forty-fifth St., 5 three-sty brick dwells., tin roofs; cost, \$37,500; owner, Fred Grasmuck, 207 Edgcomb Ave.; architect, Will. A. O'Hea, 325 West One Hundred and Twenty-fifth St.

Boston Ave., w s, 150' n Suburban Pl., three-sty brick and frame dwell., peak slate roof; cost, \$4,500; owner, John S. Adrian, 2312 Monroe Ave.; architect, F. A. Schmitt, 604 Courtland Ave.

One Hundred and Fourth St., n s, 98' w West End Ave., 6 three-sty brick dwells., tin roofs; cost, \$85,000; owners, John Walker, 510 West One Hundred and Sixty-eighth St., and George A. Fisher, 695 East One Hundred and Forty-first St.; architect, M. V. B. Ferdon, 265 West Thirty-fourth St.

Villa Ave., w s, 226' n Potter Pl., two-sty brick and frame dwell., peaked slate roof; cost, \$3,500; owner, Charles Loos, 1978 Bathgate Ave.; architect, Wm. Campbell, 634 West One Hundred and Fifty-second St.

Seventieth St., n s, 150' w Central Park, 6 four-sty brick dwells., tin roofs; cost, \$150,000; owner, Michael Brennan, 125 West Sixty-ninth St.; architects, Thom & Wilson, 1267 Broadway.

Bathgate Ave., e s, 257' n One Hundred and Eighty-second St., three-sty brick dwell., peaked shingle roof; cost, \$3,500; owner, James H. Judge, 546 West One Hundred and Twenty-sixth St.; architect, J. J. Vreeland, 711 East One Hundred and Seventy-seventh St.

Eighty-fourth St., n s, 200' w West End Ave., 11 three-sty brick dwells., tin roofs; cost, \$176,000; owners, John and David Dunn, 323 West Eighty-fifth St.; architect, G. F. Pelham, 1481 Broadway.

Kingsbridge Road, n w cor. Wiekler St., three-sty brick and frame dwell., tin roof; cost, \$4,250; owner, Edward McFadden, 533 West Thirty-ninth St.

Kingsbridge Road, w s, 25' n Wiekler St., two-sty brick and frame dwell., tin roof; cost, \$4,150; owner John M. Brown, 533 West Thirty-ninth St.; architect for both, Samuel L. Berrian, Kingsbridge Road.

Nelson Ave., s s, 133' 6" e Birch St., 4 three-sty brick and frame dwells., tin roofs; cost, \$16,000; owner, Albert Housen, 151 Willis Ave.; architect, G. G. Loureyns, 183 Tenth Ave.

One Hundred and Fifty-fifth St., n s, 200' w Courtland Ave., three-sty stone and frame dwell., tin roof; cost, \$5,000; owner, George Burger, 177 East One Hundred and Forty-first St.

One Hundred and Sixtieth St., s s, 216' w Elton Ave., 2 three-sty brick and frame dwells., tin roof; cost, \$8,000; owner, Julius Crantz, 670 East One Hundred and Sixtieth St.; architects, Pfund & Horenburger, 682 East One Hundred and Fifty-ninth St.

Arthur Ave., w s, 1239' n One Hundred and Seventy-seventh St., 5 three-sty brick and frame dwells., tin roofs; cost, \$15,000; owners, Spear & Wilson, 2281 Third Ave.; architect, R. E. Rogers, 110 East One Hundred and Twenty-fifth St.

Eighty-eighth St., s s, 325' e Amsterdam Ave., 4 three-sty brick dwells., tin roofs; cost, \$60,000; owner, James B. Gillie, 111 West One Hundred and Thirty-first St.; architects, Neville & Baggs, 217 West One Hundred and Twenty-fifth St.

Villa Ave., w s, n Potter Pl., three-sty brick and frame dwell., peaked slate roof; cost, \$3,500; owner, Charles Loos, 1978 Bathgate Ave.; architect, Wm. Campbell, 634 West One Hundred and Fifty-second St.

BUILDING INTELLIGENCE.

Eightieth St., s s, 312' 6" w Columbus Ave., 4 four-sty brick dwells., tin roofs; cost, \$80,000; owner, Robert Grant, 471 Amsterdam Ave.; architect, Henry Anderson, 1180 Broadway.

Philadelphia, Pa.—Twenty-first St., e s, n Dauphin St., 31 three-sty brick dwells.; owner, Wm. R. Coffee, 328 Chestnut St.

York St., n s, e Thirty-first St., 14 three-sty brick dwells.; owners, Weeks & Michaelson, 931 Walnut St.

Thirty-fourth St., e s, n York St., 24 three-sty brick dwells.; owners, Weeks & Michaelson, 931 Walnut St.

Stanley St., e and w s, n York St., 52 two-sty brick dwells.; owners, Weeks & Michaelson, 931 Walnut St.

Filbert St., No. 924, three-sty brick dwell.; builder, Henry C. Dahl, 408 South Fifth St.

Pulaski Ave., w s, s Queen St., 3 two-sty brick dwells.; owner, H. C. Wetherstein, 17 West Penn St.

Manayunk Ave., w s, s Grape St., 2 two-sty brick dwells.; owner, John Wolf, 410 Terrace St.

James St., s s, e Ridge Ave., 2 three-sty brick dwells.; builder, Chas. E. Bartle, Thirty-third St. and Lehigh Ave.

Ridge Ave., w s, above Parker St., 2 two-sty brick dwells.; builder, H. C. Hayes Co., Ridge Ave., above Parker St.

Dexter St., w s, n Levering St., two-sty brick dwell.; builder, Wm. Goodfellow, 405 Lyceum Ave.

Howarth St., e s, s Frankford Ave., 2 two-sty brick dwells.; owners, J. Briggs & Bro., 5031 Frankford Ave.

Oxford Pike, w s, n Oxford St., two-sty brick dwell.; builder, L. Altemus Olney.

Reese St., e s, n Pike St., 4 one-sty dwells.; builder, James D. Dounfy, 1221 Vienna St.

Eight St., w s, s Buttonwood St., two-sty brick dwell.; builder, A. M. Green, 331 West Chelten Ave.

Gaul St., n e cor. Somerset St., five brick dwells.; builder, A. S. Swope, 2813 Lawrence St.

Graver's Lane, Chestnut Hill, plans for three-sty stone dwell., shingle roof; architect, M. Feilding, 110 South Fourth St.

Cedar St., w s, n Wrecker St., 4 two-sty brick dwells.; owner, W. R. Brown, 2145 Dickinson St.

Fifty-fifth St., n Jefferson St., 12 three-sty press-brick and stone dwells.; owner, W. D. Hunter, Fifty-sixth St. and Lancaster Ave.

Twenty-third St., bet. Titan and Reed Sts., 56 two-sty press-brick and stone dwells.; builder, John Devlin, 1008 South Forty-sixth St.

Dickinson St., s w s, n w Cedar St., two-sty brick dwell.; builders, McCartney & Oler, 1600 North Front St.

Wistar St., e s, s Wakefield St., three-sty brick dwell.; builder, John D. Thompson, 114 Seymour St.

Archer St., w s, s Hunting Park Ave., 13 two and three-sty brick dwells.; builder, John Enoch, 1429 Diamond St.

Butler St., s w cor. Archer St., three-sty brick dwell.; builder, John Enoch, 1429 Diamond St.

Twenty-fifth St., e and w s, n Norris St., 42 two-sty brick dwells.; owner, Thomas Bateley, 909 Lehigh Ave.

Norris St., n and s s, w Twenty-fourth St., 32 two-sty brick dwells.; owner, Thomas Bateley, 909 Lehigh Ave.

Spencer St., s s, w Otter St., 6 two-sty brick dwells.; owners, Brook & Medley, Weiss and Spencer Sts.

Forty-second St., e s, s Chester Ave., 2 three-sty brick dwells.; owner, Isaac P. Miller, Media, Pa.

Chester Ave., s e e r. Forty-seventh St., three-sty brick dwell.; owner, Allen T. Lewis, 4902 Woodland Ave.

GOTCH'S RENAISSANCE IN ENGLAND.

NOTE TO SUBSCRIBERS.

The Publishers desire to point out to the Subscribers that *five extra plates* are given in the Fifth Part, which may be some excuse for the delay that has occurred in its publication. It is intended to issue a like number of Plates in the concluding Part, which will also contain Title-pages for binding the Work in two volumes; alphabetical and chronological lists of the plates and other illustrations, etc., together with "Remarks upon the introduction and development of the Style in England," by Mr. Gotch.

It may here be mentioned that when completed the Work will contain *Sixteen* more Plates than the number mentioned in the original prospectus, besides a great many more illustrations in the text, including a number of plans, some of which have not been obtained without difficulty. The success of the work has enabled the Publishers to make these additions without asking the Subscribers for any increase of the price, but they desire to make it known that immediately upon the issue of the sixth (and concluding) part the price will be raised to *SIXTY DOLLARS*, and they will be obliged by Subscribers helping them to prevent disappointment, by informing any of their friends who may wish to obtain a copy of the book of this intended increase.

211 TREMONT STREET, BOSTON, April, 1893.

BUILDING INTELLIGENCE.

Sixty-fourth St., w s, s Girard Ave., 2 two-sty brick dwells.; owner, Daniel Waters, 435 North Sixty-fifth St.
Thompson St., n s, w Forty-ninth-and-one-half St., 2 two-sty brick dwells.; builder, G. W. Steinmetz, Sixtieth St. and Haverford Ave.
Lydia St., n w cor. Twenty-fifth St., 2 two-sty brick dwells.; builder, W. J. Patterson, Southampton Ave.
Branch St., e s, n Mill St., two-sty brick dwell.; builder, Frank McGil, Limekiln Pike, above Mill St.

Dawson St., s e s, s Terrace St., two-sty brick dwell.; owner, D. McFadden, 113 Dawson St.
Jackson St., e s, s Bridge St., two-sty brick dwell.; owner, Daniel J. Levy, 5713 Jackson St.
Turner St., e s, s Butter St., 2 two-sty brick dwells.; builder, J. B. Vanderslice, 3529 North Eighth St.
Second St. Pike, e s, n Levick St., two-sty brick dwell.; builder, J. B. Vanderslice, 3529 North Eighth St.

Kingessing Ave., w s, s Forty-sixth St., 2 three-sty brick dwells.; owner, W. S. Kimball, 404 South Forty-second St.
Fifty-fifth St., e s, n Jefferson St., 12 three-sty brick dwells.; owner, W. D. Hunter, Fifty-sixth St. and Lancaster Ave.

Broad St., e s, s Moore St., three-sty brick dwell.; builder, Jacob R. Jordan, 1636 South Broad St.
Peltz St., e s, e Thirty-eighth St., 5 two-sty brick dwells.; owner, Thomas Curn, 2254 Wilder St.
Montana St., e s, n Wharton St., 13 two-sty brick dwells.; owner, Chas. Bateman, 4631 Lancaster Ave.
Thirty-fourth St., e s, s Fairmount Ave., 5 three-sty brick dwells.; owner, Samuel Bowers, 3318 Wallace St.

Dufur St., n and s s, bet. Eleventh and Twelfth Sts., 42 two-sty brick dwells.; owners, Geo. W. and W. H. Young, 2303 South Twelfth St.
Redman St., n e cor. Twenty-seventh St., two-sty brick dwell.; builder, John Mink, 2642 Federal St.
Reed St., several two-sty brick dwells.; owner, John Devlin, 1068 South Forty-sixth St.
Serenth St., e s, n Fitzwater St., three-sty brick dwell.; builder, W. J. Murphy, 723 Walnut St.

Providence, R. I.—Elmgrove Ave., cor. Birch St., two-and-one-half-sty frame dwell.; owner, Mrs. Mary Furlong; architects, Martin & Hall; contract not let.
Dimau Pl., two-and-one-half-sty frame dwell.; owner, F. W. Carpenter; builders, H. L. Bassett & Co.

Lexington Ave., n s, two-and-one-half-sty frame dwell.; owner, A. G. Carpenter; architect, H. K. Hilton; builder, A. Y. Horton.
Irving Ave., two-and-one-half-sty frame dwell.; owner, B. T. Potter; architects, Martin & Hall.

Somerville, Mass.—Cedar St., No. 19, frame dwell.; owner, Mr. Thompson; builders, McGray & Viddito.
Winslow Ave. extension, near Grove St., two frame dwells., 21' x 31', 26' x 45'; owner and builder, J. E. Herriek.

Cedar St., bet. Summer and Elm Sts., frame dwell., 24' x 41'; owner, Lucy A. Kendall; builder, W. A. Young.

Beacon St., near Dickinson St., frame dwell., 22' x 30'; owner and builder, James Elston.
Parker Pl., off Porter St., two frame dwells., 22' x 28', 26' x 38'; owner and builder, A. D. Rice.
Harrison St., near Kent St., frame dwell., 25' x 30'; owners and builders, Temple & Donaldson.

Sewell St., No. 34, near Temple St., frame dwell., 22' x 41'; owner, H. A. Clarry.

Madison St., near Sycamore St., two frame dwells., 25' x 45'; owner, Sarah L. Kieker; builder, Geo. E. Kieker.

St. Louis, Mo.—Two-sty dwell., Porter and Arsenal Sts.; cost, \$2,800; owner, N. Morefeldt; builders, Shroeder & Roiser.

Two-sty dwell., Michigan and Minnesota Aves.; cost, \$2,500; owner, Chas. Gieberer; builder, J. P. Rousch.

Two-and-one-half-sty dwell., Louisiana and Geyer Aves.; cost, \$5,600; owner, Jno. Peters; builders, Wm. Kiewe & Son.

Two-and-one-half-sty dwell. and stable, Pine St. and Taylor Ave.; cost, \$12,000; owner, Mrs. M. B. Howard; architect, Jno. Coutas.

Six two-sty dwells., Delmar and Sarah Sts.; cost, \$18,000; owner, Clous & Co.; builder, E. B. Morrison.

BUILDING INTELLIGENCE.

Seven five-sty dwells., McPherson and Whittier Sts.; cost, \$42,000; owner and builder, H. C. Hawkins.

Two-sty dwell., McPherson and Boyle Sts.; cost, \$7,000; owner, B. T. Edwards; builder, A. Wind.

Two-sty dwell., Castelman and Kienan Sts.; cost, \$9,000; owner and contractor, Wm. T. Bell.

Two-sty dwell., Goodfellow and Julia Sts.; cost, \$7,000; owners, Terry Bros.; contractor, C. C. Clark.

Two-and-one-half-sty dwell., s e cor. Capital and Cherokee Sts.; cost, \$7,200; owner, Chas. Tochnoblen; contractor, H. Bopp.

Four one-and-one-half-sty dwells., s s Wells and Kingshighway Sts.; cost, \$8,000; owner and contractor, A. J. Cramer.

Dwell., s s Hamilton St., e Grand Ave.; cost, \$2,000; owner, W. A. Zukoski; contractor, S. L. Jones.

Three-sty dwell., n s Washington and Pendleton Sts.; cost, \$15,000; owner, Samuel Simmons; contractor, J. H. Dunlap.

Three-sty dwell., s s Barton St., bet. Ninth and Tenth Sts.; cost, \$4,500; owner, Frank Stuts; contractor, W. Springmeyer.

Two-sty dwell., n w cor. McNair and Sydney Sts.; cost, \$7,000; owner, J. C. Waldeck; contractor, W. C. Popp.

Two-sty dwell., s e cor. Taylor and Chateau Sts.; cost, \$6,000; owner, Geo. Hoffman; contractor, E. A. Steinmeyer.

Waynesboro, Franklin Co., Pa.—Plans for a brick dwell., slate roof; for M. E. Sullenberger; architect, Franklin Keagy, Chambersburg, Pa.

Worcester, Mass.—Shrewsbury St., three-sty frame dwell.; owner, James Coyne; contractor, J. A. Kennedy.

Main St., two-sty frame private dwell.; owner, Hon. Samuel E. Hildreth; contractor, Geo. M. Hubbard; architects, Barker & Nourse.

Charlotte St., three-sty frame dwell.; owner, E. Whalen; contractor, T. M. Anderson.

Southgate St., three-sty frame dwell.; owner, W. Pearson; contractors, Jenkins Bros.

Millbury St., 2 one-and-one-half-sty frame dwells.; owner, W. D. Thompson; owner, F. J. Goff.

COMPETITION.

COURT-HOUSE.

[At Rochester, N. Y.]

Preliminary plans for a new fireproof court-house to be built at the City of Rochester, N. Y., will be received by the Building Committee of the Board of Supervisors of Monroe County, subject to the following rules and specifications:

1. The building shall be erected upon the site occupied by the present court-house, and shall be rectangular in shape and front 140.08 feet upon the south side of West Main Street and be not more than 100 feet deep.

2. The committee will select five from the plans submitted, for which the sum of \$300 each will be paid, but the right to reject any or all plans submitted is expressly reserved.

3. All plans submitted shall remain with the Building Committee until final action shall have been taken by the Board of Supervisors upon the report of such committee; and the Board of Supervisors shall have the use of the five selected plans until the construction of such building, upon the finally adopted plan, shall have been begun.

4. All plans shall be line-drawings in India-ink, upon plain white paper or Bristol-board, to a uniform scale of eight feet to the inch, and shall consist of floor plans and geometric line elevations of the four sides, without shading or color of any kind, except the sections of the walls may be blacked. A letter of description may be submitted with any plan upon any point which it may not be possible to accurately show upon such plans.

5. All plans shall be subscribed by the person submitting the same, who shall furnish with such plans an estimate of the cost of construction of the building upon the plan submitted by him, which shall not exceed \$500,000, exclusive of plumbing and heating. The compensation for all architectural service and the superintendence of the erection of such building shall not exceed three per cent of the cost thereof.

6. It is desirable that said building should provide

for the following offices and rooms: a county clerk's office; a county treasurer's office; a sheriff's office; a district attorney's office, to consist of at least three rooms and a stenographer's room; a surrogate's office, to consist of at least three rooms beside a court-room; two Supreme-Court rooms, with two jury-rooms and a judge's chamber annexed to each; two county-court rooms, with two jury-rooms and a judge's chamber annexed to each; a special term room, with a judge's chamber annexed; a general term room, with a consultation-room annexed; a law library; a grand-jury room, with at least two witness-rooms annexed; a supervisor's room, with two committee-rooms and an office for the clerk annexed; two elevators; necessary closets; a superintendent's room; a main entrance on Main Street and an entrance from the west side of the building.

7. It is recommended that said building be constructed of stone, not less than five stories in height; and that the county clerk be given an entire half of the first floor for his office, and that the county treasurer and surrogate, and the sheriff, if practicable, be also located upon the first floor; and that the county-court rooms be upon the second floor; the Circuit-Court rooms upon the third floor; and the general and special term rooms and the law library be contiguous, and upon the fourth floor of the building.

8. A competent expert will be employed, if necessary, to assist the committee in the selection of the five plans above named.

9. Each set of drawings, with accompanying letter of description, if any, to be in a sealed envelope or portfolio, and directed to the chairman of this committee, and deposited in the office of the treasurer of Monroe County on or before 2 o'clock p. m., May 20, 1893, after which no further plans will be received, and at which time all plans submitted will be opened and those not in accordance with the foregoing will be culled out and discarded.

10. After the opening of the plans submitted as above, no direct or indirect private conferences are to be allowed with any competitor, or any one in his behalf, by any member of the committee.

ROCHESTER, N. Y., April 12, 1893.

LYMAN M. OTIS, Chairman.
WM. W. ARMSTRONG, Secretary.
GEO. A. GOSSE,
EDWARD ENGLEHARDT,
C. G. STARKWEATHER, JR.,
HENRY OBERLIES,
LUTHER A. PRATT,
CHAS. F. GOTTSCHALK,
ALBERT P. BEEBE,
WM. N. GALLUP, Committee.

EXTENSION OF TIME.

The time for sending in the designs in the Copley Square Competition (see announcement below) has been extended to April 24.

H. LANGFORD WARREN, Secretary.

REMODELLING AND EMBELLISHMENT OF COPLEY SQUARE.

[At Boston, Mass.]

CONDUCTED UNDER THE AUSPICES OF THE BOSTON SOCIETY OF ARCHITECTS, February 28, 1893.

The importance of Copley Square as one of the most conspicuous architectural centres of Boston, and the opportunity it offers for a really noble monumental treatment, have impelled the Boston Society of Architects to consider seriously the best method of bringing about so desirable a result.

It is believed that if a considerable number of designs for such a treatment can be brought together and shown to the public as the result of educated professional study, we shall have taken an important step towards creating a serious interest in the matter on the part of the public, and towards inducing a wise and instructed action by the City Government.

The Society has accordingly determined to invite all persons professionally interested in the solution of such a problem as is here presented—whether architects, sculptors, engineers, or landscape architects—to send in designs in accordance with the following programme; it being understood that this step is taken by the Society of its own motion, and without authority from any official source; and that no assurance can be offered to the competitors that their designs will ever be considered by the City Government, with whom alone rests the power to carry any design into execution.

CONDITIONS GOVERNING THE COMPETITION.

1. Every design must be illustrated by a plan drawn to a scale of 1-32 inch to the foot, and by a perspective, or bird's-eye view, and by such additional drawings as the author may wish to furnish; the style and number of drawings being left to the competitor.

2. All drawings must be mounted on cardboard, not larger than half an antiquarian sheet, 26 x 30 inches; no stretchers or frames to be used.

3. Each design must include some monumental feature in the centre of the Square, of whatever character the author may determine, and competitors are reminded that this necessitates a consideration of a new disposition of the tracks of the surface railways.

4. All drawings must be signed with the name and address of their authors, and must be sent on or before April 24, 1893, to the Secretary of the Society, H. Langford Warren, No. 9 Park Street, Boston.

5. The Society offers five prizes of \$50 each for the five designs which shall be adjudged to be the best, by a jury of experts to be appointed by the Committee.

Note.—An outline bird's-eye view of the Square and its surroundings upon drawing-paper will be sent on receipt of application accompanied by 25 cents. It is hoped that the designs received may be put on public exhibition; but the Committee engage that no design shall be exhibited without the consent of its author, nor without giving him the opportunity to copyright it should he so desire, and each competitor is therefore requested to state whether or not he is willing that his design should be included in the exhibition, and if he desires that it should be copyrighted, to enclose \$1.00 to cover the fee therefor.

All drawings will be returned to their owners as soon as possible after the proposed exhibition.

H. LANGFORD WARREN, Secretary.

9 Park St., Boston, Mass.

PROPOSALS.

Treasury Department, Office Supervising Architect, Washington, D. C., April 15, 1893. Sealed proposals will be received at this office until 2 o'clock p. m.

(Continued on page 22.)

TWO PARTS NOW READY.

To be published in Four parts, Folio, each containing Eighteen Plates, a portion of which will be reproduced from Photographs specially taken from the originals, and the others from measured Drawings by the Authors. With Letterpress illustrated by numerous Sketches.

Norman Monuments

— OF —

PALERMO AND ENVIRONS

A Study by ARNE DEHLI, ARCHITECT,

Author of "DETAILS OF BYZANTINE ORNAMENT," comprising: ST. MARK'S, VENICE and RAVENNA,

— ASSISTED BY —

G. HOWARD CHAMBERLIN, Architect.



ALTHOUGH numerous works have been issued on single monuments or those of single cities or provinces, the mediæval styles of Italy are yet far from having received the attention they deserve.

A perfect sifting of the elements that went to make up the architecture of mediæval Italy is yet to be undertaken, and will require as a preliminary work that of investigating the origin of the Byzantine style and clearly defining it. In the meanwhile every little stone that can be carried to the building may be of some use, especially if it represent honest and careful investigation.

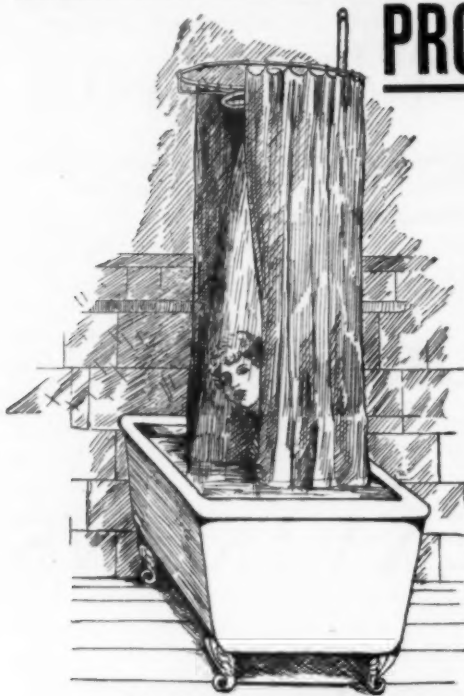
The Siculo-Norman monuments of Palermo and environs belong to the most exquisite gems of mediæval architecture, and, interesting as they are from a historic point of view, they are none the less so to the practical designer. There is probably no set of mediæval monuments in Italy which offers such a large and varied mass of suggestions as the Palermitan monuments. Fergusson justly refers to the Palatine chapel as the gem of mediæval interior decoration, and the same is no less true of La Martorana, while the fame of Monreale and its cloisters is too well-known to require mention.

The author recently made a journey to Sicily and during his stay there devoted his time to the study of the Norman monuments. This work therefore represents a study by a practical architect and the text simply attempts to familiarize the reader with the circumstances under which these wonderful monuments were created, and with some of the peculiar technical processes employed in their construction and decoration.

The work will be issued in four parts, on fine paper, 14x18, and publication will be begun very soon. It will contain, in all, fifty measured drawings of details, with keys to the coloring and materials used, and twelve full-page and twenty half-page views, photographed on the spot, and printed in part from gelatine and part from photo-grain process, besides some twenty sketches interspersed in the text.

The price will be \$5.00 per part, in all cases payable upon the delivery of the numbers. A deduction of ten per cent will be made if paid in full in advance. After completion, the price will be raised to \$25.00 per set.

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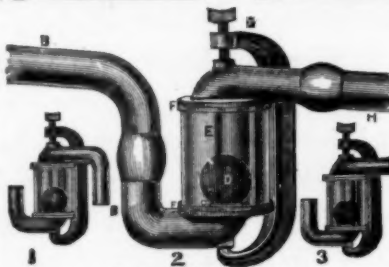
PROPOSALS.

on the 9th day of May, 1893, and opened immediately thereafter, for all the labor and materials required to put in place complete the basement columns, first-floor beams, girders, etc., for the United States Post-office, Court-house and Custom-house at Milwaukee, Wisconsin, in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent, at Milwaukee, Wisconsin. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids, and to waive any defect or informality in any bid, should it be deemed in the interest of the Government to do so. All bids received after the time stated will be returned to the bidders. Proposals must be inclosed in envelopes, sealed, and marked "Proposal for Basement Columns, First-floor Beams, Girders, etc., for the United States Post-office, Court-house and Custom-house at Milwaukee, Wisconsin," and addressed to W. J. EDBROOKE, Supervising Architect. 905

Treasury Department, Office Supervising Architect, Washington, D. C., April 12, 1893. Sealed proposals will be received at this office until 2 o'clock P. M. on the 5th day of May, 1893, and opened immediately thereafter, for all the labor and materials required for the interior finish of the United States Post-office building at Canton, Ohio, including plumbing, lathing, furring, plastering, wood stairs, marble-work, joinery-work, wood-flooring, glass, hardware, painting, polishing, etc., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent, at Canton, Ohio. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids, and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be inclosed in envelopes, sealed, and marked "Proposal for Interior Finish of the United States Post-office Building at Canton, Ohio," and addressed to W. J. EDBROOKE, Supervising Architect. 905

Treasury Department, Office Supervising Architect, Washington, D. C., April 8, 1893. Sealed proposals will be received at this office until 2 o'clock P. M. on the 3d day of May, 1893, and opened immediately thereafter, for all the labor and materials, and fixing in place complete the low-pressure, return-circulation, steam-heating and ventilating apparatus, and high-pressure steam-boiler, etc., in the United States Court-house and Post-office, building at Duluth, Minn., in accordance with the drawings and specification, copies of which may be had at this office, or the office of the Superintendent, at Duluth, Minn. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids, and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. Proposals received after the time stated will be returned to the bidders. Proposals must be inclosed in envelopes, sealed, and marked "Proposal

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PROPOSALS.

for the Low-pressure, Return-circulation, Steam-heating and Ventilating Apparatus, etc., for the United States Court-house and Post-office building at Duluth, Minn., and addressed to W. J. EDBROOKE, Supervising Architect. 904

Treasury Department, Office Supervising Architect, Washington, D. C., April 6, 1893. Sealed proposals will be received at this office until 2 o'clock P. M. on the 27th day of April, 1893, and opened immediately thereafter, for all the labor and material required for the trench excavation, foundations, basement and area walls, basement columns and first-floor iron beams, of the United States Post-office building at Chester, Pa., in accordance with drawing and specification, copies of which may be had at this office, or the office of the Superintendent, at Chester, Pa. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any and all bids, or to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received marked "Proposal for the Trench Excavation, Foun-

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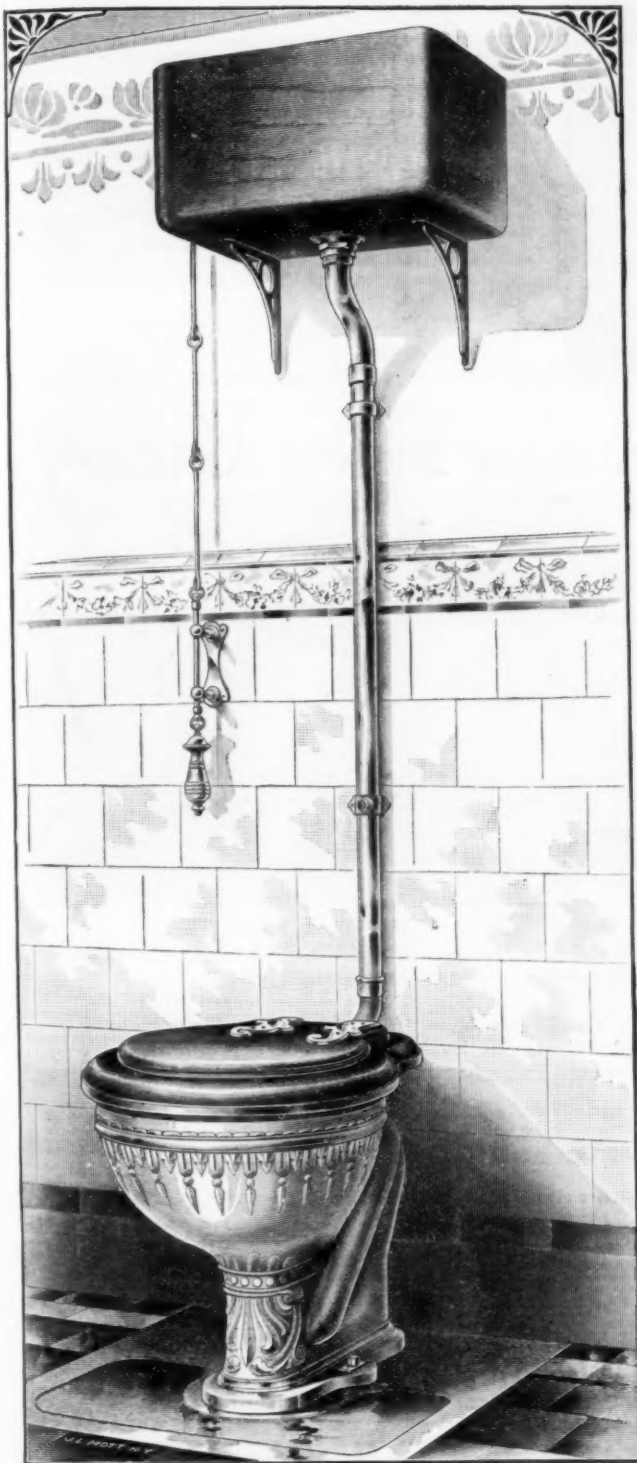
dations, Basement and Area Walls, etc., of the United States Post-office building at Chester, Pa., and addressed to W. J. EDBROOKE, Supervising Architect. 904

Office of Light-house Engineer, Fifth District, Baltimore, Md., April 7, 1893. Sealed proposals will be received at this office until 2 o'clock P. M. of Wednesday, the 17th day of May, 1893, for furnishing the materials and labor of all kinds necessary for the completion, delivery and erection, at the sites, of the metal-work of Cape Charles and Hog Island Light-towers, Va., for a fixed sum for each light-tower, or for an aggregate sum for both towers. The bids most advantageous to the United States Government will be accepted. Plans, specifications, forms of proposal and other information may be obtained on application to this office. The right is reserved to reject any or all bids and to waive any defects. ERIC BERGLAND, Captain of Engineers, U. S. A., Light-house Engineer, Fifth District. 907

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PLATE 1139 C.

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Corridors of the Adams House, Boston, W. W. Lewis, Architect.
The Stony-Brook Bridge, Boston, J. Howard Walker, Architect.
Waiting-Room P. & R. R. R., Philadelphia, Wilson Bros. & Co., Architects.
Subways Illinois Central Depot, Chicago, B. L. Gilbert, Architect.
Entrance to Office-Building, Toronto, Ont., Mason & Rice, Architects.
Chapin National Bank Exterior, Springfield, Mass., Gardner, Pyne & Gardner, Architects.

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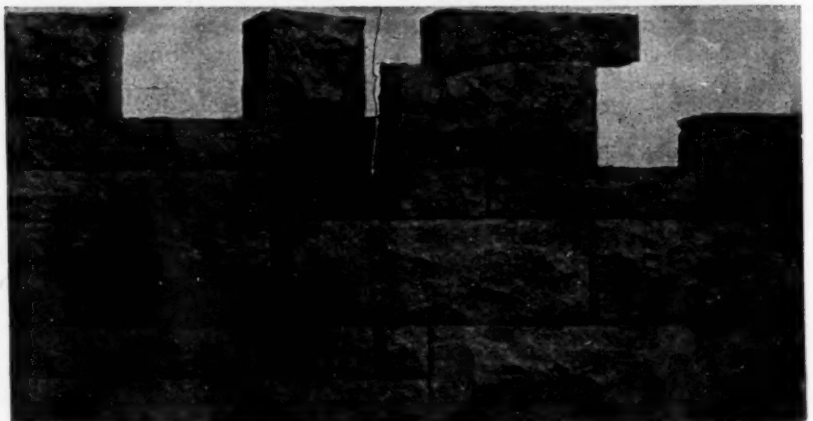
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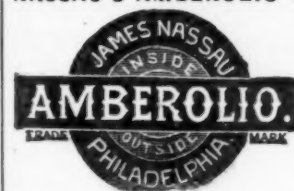
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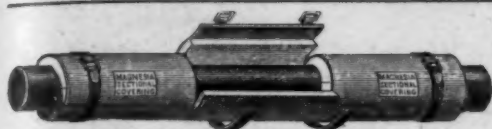
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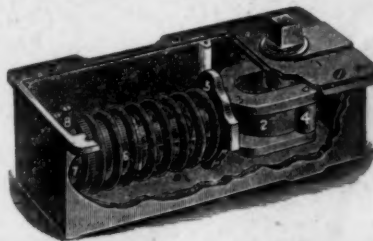
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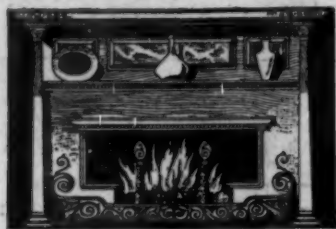
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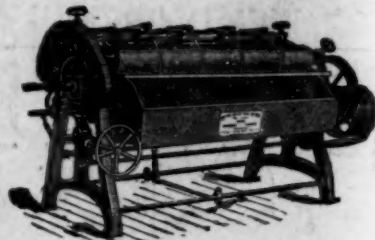
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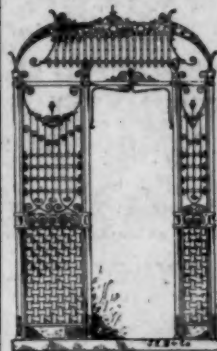
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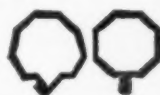
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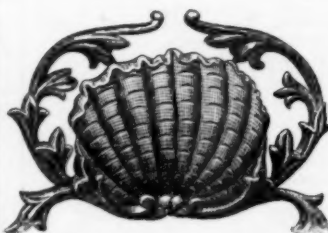
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Sq. Hard..... @ 9 00

Salmon..... @ 5 00

Sq. "..... @ 9 00

Light Stretchers..... @ 10 00

Medium "..... @ 12 00

Red "..... @ 13 00

Dark "..... @ 13 00

Pressed..... @ 13 00

Best Paving..... 18 00 @ 20 00

Second "..... @ 14 00

Third "..... @ 13 00

Dom. {..... @ 65

@ 82

1 30 @ 1 50

BS&Co 2 75 @ 3 00

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

2 60 @ 2 75

3 00 @ 3 25

2 75 @ 2 85

Not sold.

Not sold.

Not sold.

Not sold.

Not sold.

Not sold.

Not sold.

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Not sold.

Not sold.

Not sold.

In Yard.

Sq. Hard..... @ 9 00

Salmon..... @ 5 00

Sq. "..... @ 9 00

Light Stretchers..... @ 10 00

Medium "..... @ 12 00

Red "..... @ 13 00

Dark "..... @ 13 00

Pressed..... @ 13 00

Best Paving..... 18 00 @ 20 00

Second "..... @ 14 00

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Hemmoor..... 2 50 @ 2 75

2 75 @ 2 85

2 60 @ 2 75

3 00 @ 3 25

2 75 @ 2 85

Not sold.

Not sold.

Not sold.

Not sold.

Not sold.

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Dimension.....	5 00	5 00	5 00	5 00
Block.....	4 60	4 60	4 60	4 60
Rubble.....	1 25	1 25	1 25	1 25
Blue stone: (P sq. ft.)				
Sidewalk.....	30 00	5 00	40 00	1 75
Planed.....	50 00	6 00	75 00	1 00

Sandstone:

Longmeadow.....	80 00	80 00	80 00	80 00
Kibbe.....	90 00	90 00	90 00	90 00
Brown (Connecticut).....	1 00	1 00	1 25	1 45
Amherst Ohio.....	90 00	90 00	90 00	1 00
Berea.....	75 00	1 00	85 00	90 00
Berlin.....	75 00	1 00	80 00	90 00
Belleville.....	80 00	1 25	1 25	1 35
New Brunswick (Dorchester).....	1 00	1 00	75 00	90 00
Caen.....	1 00	1 00	2 00	2 00
Carlisle, English.....	1 05	1 05	1 05	1 05
Corse Hill (Scotch).....	1 05	1 05	1 05	1 05

Marble: (P cs. ft.)

Leo, Mass.....	1 75	2 50	3 50	6 00
Rutland, white and blue.....	1 25	1 75	3 00	3 00
Sutherland Falls.....	1 25	1 75	2 00	2 00
Glens Falls, black.....	1 25	1 75	2 00	2 00
Italian, blue-veined.....	1 25	1 75	2 00	2 00
Sienna.....	1 25	1 75	2 00	2 00
Tennessee, red.....	1 25	1 75	2 00	2 00
Knoxville.....	1 25	1 75	2 00	2 00
Pennsylvania, blue.....	1 25	1 75	2 00	2 00
Vermont, white.....	1 25	1 75	2 00	2 00

State: Roofing (P 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	6 00	10 00	11 00
black, Lehigh.....	4 25	4 75	5 00	5 00
Chapmans.....	5 50	8 00	5 50	8 00
Unfading black, Monson, Me.....	5 50	8 00	5 50	8 00

Tiles, Am. (P M.)

N. Peach Bottom, warranted unfading.

PAINTS. (P gal)

White lead, Am.....	7 00	7 00	7 00	7 00
red, Am.....	6 00	7 00	6 00	7 00
red, Venetian.....	6 00	7 00	6 00	7 00
Vermilion.....	65 00	70 00	70 00	5 dry
Indian, Eng.....	12 00	20 00	12 00	20 00
Yellow Ochre.....	6 00	15 00	7 00	12 00
Chrome.....	12 00	20 00	18 00	25 00
Green (chrome).....	8 00	13 00	8 00	20 00
Green, Paris.....	25 00	40 00	25 00	40 00
Black, lamp.....	15 00	25 00	15 00	25 00
Blue, ultramarine.....	12 00	18 00	18 00	30 00
Oil, linseed, (raw).....	55 00	62 00	51 00	62 00
boiled.....	58 00	65 00	54 00	65 00
Turpentine.....	36 00	37 00	35 00	36 00
Varnish, coach.....	1 50	6 00	1 25	2 00
Shellac.....	2 50	3 00	2 25	4 00
Putty.....	2 00	4 00	2 00	4 00
Whiting.....	75 00	1 00	1 00	1 00
Paris white, (Eng.).....	1 30	2 00	1 00	2 00
Litharge, Am.....	54 00	6 00	64 00	7 00
Sienna (burnt).....	14 00	20 00	14 00	20 00
Umber.....	14 00	20 00	14 00	20 00

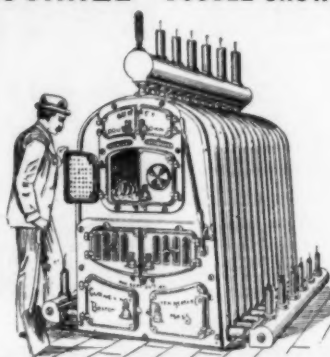
HARDWARE.

Nails: (Per Cask.) Spikes, (wrought.)	2 85	2 85	2 35	3 50
10d. common.....	2 60	2 60	2 15	3 50
Shingle.....	3 35	3 35	2 35	3 50
Lath.....	4 85	4 85	3 25	3 50
(Finishing nails according to size.)				
(For casing nails add 75 c. per keg.)				
Butts: 4" x 4".....	1 00	1 20	90 00	90 00
Plain.....	1 50	1 75	Not Sold.	1 35
Japanned.....	1 50	1 75	2 00	3 75
Acorn, Japanned.....	1 50	1 75	2 00	3 75
Ball Tip, Boston Finish.....	85 00	50 00	2 00	3 25
Bronze metal.....	1 90	1 65	2 00	3 25
Brass (for cupboards).....	10 00	10 00	12 00	12 00
Ebony.....	10 00	10 00	12 00	12 00
Apple wood.....	10 00	10 00	12 00	12 00
Knobs: (P set.)				
Mineral, best.....	8 00	8 00	8 00	10 00
Lava.....	50 00	75 00	65 00	80 00
Hemlock.....	Not Sold.	17 00	31 00	40 00
Porcelain.....	30 00	10 00	25 00	30 00
Glass, solid.....	Not Sold.	50 00	Not Sold.	1 00
Glass, silvered.....	Not Sold.	88 00	50 00	3 00
Bronze metal.....	75 00	2 00	50 00	3 00
Brass.....	1 00	2 50	100 00	3 00
Solder:				
Sheet Lead.....	7 00	7 00	6 00	7 00
Lead Pipe.....	64 00	64 00	54 00	6 00
Iron:				
I-Beams, up to and including 30 ft.....	3 3-10	34 00	3 4-10	2 50
do. over 30 ft., 1/2 c. adv. for every 5 ft.	3 3-10	34 00	3 4-10	2 50
Channel Beams.....	3 3-10	34 00	3 4-10	2 50

FLUCTUATIONS.

Boston, Mass. — The price of turpentine has declined two cents per gallon since the last quotation.
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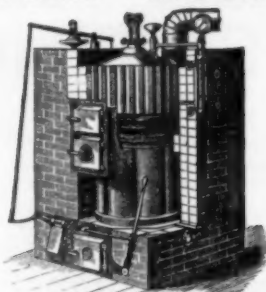
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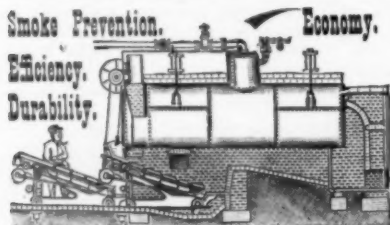
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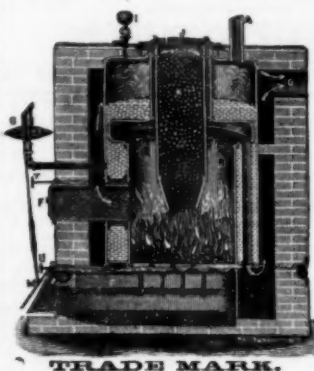
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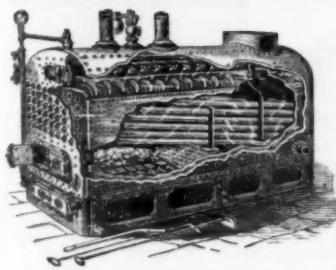
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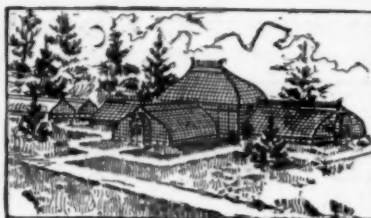
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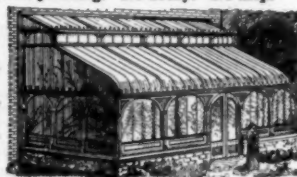
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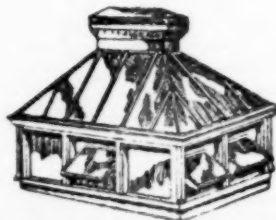
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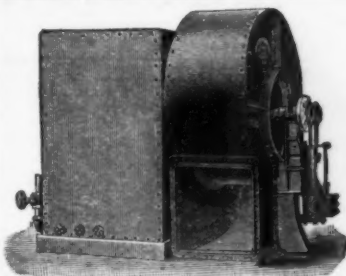
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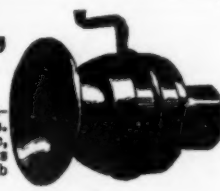
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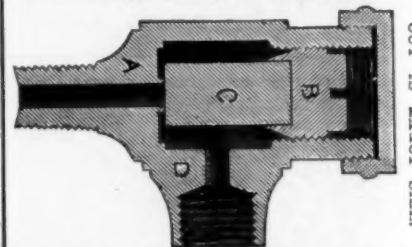
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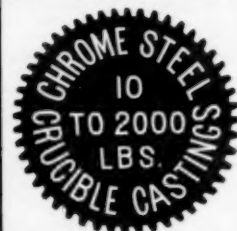
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TABLE OF CONTENTS.

[This Table Localizes only the main groups. For a full enumeration of advertisements see Classified Index on pages vii, xxi, and xxii.]

Books.....viii.	Decorators.....iii.	Heating Apparatus.....v, vi.	Patents.....xiv.	Skylights.....viii
Bricks.....xxiv.	Elevators.....xli.	Indexes.....vii, xxi, xxii.	Plumbing Supplies.....xx.	Stained-glass.....lii, liii
Building News.....xv.	Fireproofing.....xxiii.	Ironwork.....xvi.	Proposals.....xx.	Stone.....xxlii
Cements.....xxii.	Gas Apparatus.....xi.	Market Quotations.....lii, iv, v.	Publisher's Department.....xiv.	Terra-Cotta.....xxiv
Conductors.....lii.	Hardware.....xli.	Mortar Colors.....xxli.	Roofing.....ix.	Wants.....xiv

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[Printed specifications of any patents here mentioned together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

495,480. OVERFLOW FOR BATH OR LAUNDRY TUBS.—Benjamin S. Giles, Talladega, Ala.
495,490. PROCESS OF MANUFACTURING WHITE LEAD.—Andrew Herman and Victor Vuilles, Williamson, Victoria.
495,528. APPARATUS FOR HEATING AND VENTILATING ROOMS.—William S. Stuyvesant, Brookline, Mass.
495,554. ELEVATOR.—William H. Kern, Philadelphia, Pa.
495,567-568. SYSTEM OF HEATING AND VENTILATION.—Jacob Scherffus, Winona, Minn.
495,575. STOP AND WASTE DEVICE.—Hermann C. Apel, Milwaukee, Wis.
495,598. ELEVATOR.—Olaf R. Olsen, Indianapolis, Ind.
495,611. FLUSH-TANK FOR CLOSETS.—Percy Falkenberg, Atlantic Highlands, N. J.
495,616. ELEVATOR FOR PASSENGERS AND FREIGHT.—William W. Rowwick, Millburn, N. J.
495,624. LATCH.—Jesse M. Coffield, Bellaire, Ohio.
495,634. CONSTRUCTION OF BUILDINGS.—Ernest V. Johnson, Chicago, Ill.
495,645. STORM-WINDOW OR SCREEN FASTENING.—Henry E. Willer, Milwaukee, Wis.
495,648. FLUE FOR BUILDINGS.—Andrew Zerban, New York, N. Y.
495,659. FASTENER FOR THE MEETING-RAILS OF SASHES.—Manny Bernstein, New York, N. Y.
495,672. HANGER FOR LAYING FIREPROOF FLOORS.—Harry Graham, New York, N. Y.
495,696. APPARATUS FOR THE MANUFACTURE OF TIN-PLATE.—Daniel Edwards, Morriston, England.
495,740. AIR-SUPPLYING DEVICE FOR STOVES OR FURNACES.—Chalky J. Kille, Moorestown, N. J.
495,750. WINDOW-HANGER.—Benjamin D. McEachren, San Francisco, Cal.
495,741. HOD-ELEVATOR.—Conrad Carlson, Brooklyn, N. Y.

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The following advertisements are omitted in this issue in favor of the Classified Index.

Blake Bell Co.
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New Jersey Wire Cloth Co.
New York Mastic Works.
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Passaic Rolling Mill Co.
Perth Amboy Terra-Cotta Co.
Randolph & Clowes.
Tirrell Gas-Machine Co.
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J. Williams.

BUILDING PATENTS.

495,753. BEAM AND GIRDER SUPPORT.—Francesco Cavallaro, San José, Cal.
495,755. GIRDER-BRACING TIE-BAR.—John M. Cornell, New York, N. Y.
495,786. FIREPLACE.—William R. Dawson, Chicago, Ill.
495,787. SMITH'S VISE.—George W. Deafenbaugh, Bellaire, Ohio.
495,813. ELEVATOR.—Anton Larsen, New York, N. Y.
495,824. GRAVITY-LATCH.—Frederick O. Miller, Toledo, Ohio.
495,828. ROOF-TEMPLET.—Henry W. Nichols, Salt Lake City, Utah.
495,875. METAL ROOFING.—Lewis S. Bonbrake, Waynesburg, Ohio.
495,905. FASTENER FOR THE MEETING-RAILS OF SASHES.—Christ Neumann, St. Louis, Mo.
495,906. SHEATHING-LATH.—Marshall C. Nichols, Viroqua, Wis.
495,932. ELECTRIC-LIGHTING SYSTEM.—Henry Edmunds, Jr., London, England.

Imports of Building Materials, Etc.,

AT THE PORT OF NEW YORK FOR THE
WEEK ENDING APRIL 21, 1893.

From Antwerp.—Steamer “Othello,” 510 barrels cement, order. Steamer “Rhynland,” 12,030 casks asphalt, R. Butcher; 450 barrels cement, 694 do., order.

From Bremen.—Bark “Lady Blessington,” 14,000 leaves asphaltum, Baetjer & Meyerstein. Steamer “Trave,” 560 casks cement, Baetjer & Meyerstein.

(Continued on page xv.)

VARNISH IN ARCHITECTURE.

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That employer who knows just how work should be done is apt to get better service from his employees than the one who does not. It is an illustration of the old adage, "Knowledge is power."

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From Colon.—Steamer "City of Para," 8 logs mahogany, W. L. Rathburn & Co.; 47 do., Eggers & Heinlein.

From Glasgow.—Steamer "Deponia," 2 cases granite, New York Marble and Granite Co. Steamer "Siberian," 23 cases granite, New York Granite Co.; 7 do., R. F. Downing; 196 do., Austin Baldwin & Co.; 33 blocks stone, G. P. Sherwood; 10 do., order.

From Hamburg.—Steamer "Angerton," 1,120 casks cement, E. Thiele. Steamer "Markomannia," 2,240 barrels cement, order. Steamer "Rugia," 840 casks cement, E. Thiele; 560 do., order.

From Havana.—Steamer "Mexico," 100 bags asphaltum, order.

From Hull.—Steamer "Francisco," 330 tons cliff-stone, Sanderson & Son.

From Liverpool.—Steamer "Tauris," 135 casks bricks, Meeker & Carter; 435 cases do., 97 bags cement, Rotocanachi. Sons & Co.; 5 cases granite, order. Steamer "Gallia," 283 casks bricks, Clydesdale Bank; 239 do., Meeker & Carter. Steamer "Brittanic," 3 cases cement, R. F. Downing & Co.

From London.—Steamer "Michigan," 1,100 casks cement, C. J. Stevens; 1,000 do., Baring Bros. & Co.; 500 do., Fleming Cement and Brick Co.; 1,750 do., order.

From Marseilles.—Steamer "Massilia," 5 blocks marble, order.

From Panama.—Steamer "Alamo," 60 logs mahogany, Isaac Brandon & Bro.

From Port Spain.—Schooner "Major Pickands," 1,450 tons crude asphalt, order. Steamer "Alps," 1,000 tons asphalt, order.

From Rio Janeiro.—Steamer "Hercules," 2,146 logs Brazil wood, order.

From Rotterdam.—Steamer "Asphodel," 1,000 casks cement, E. Thiele; 1,000 do., 3,100 barrels do., order. Steamer "Maasdam," 1,000 casks cement, E. Thiele.

From Stettin.—Steamer "Thingvalia," 335 cases patent cathedral glass, Simon Baghe & Co.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

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

ALTERATIONS.

Beverly, N. J.—Alterations to dwell. of George E. McVain; builder, Wm. L. Statham, 922 Filbert St., Philadelphia, Pa.

Brooklyn, N. Y.—Broadway, n s, 50' w Yates Pl., three-sty brick store and dwell., tin roof, one-sty brick extension, tin roof, and internal alterations; cost, \$4,000; owner, Nathan Levy, on premises; architect, Th. Engelhardt, 905 Broadway.

Halsey St., n s, 150' w Broadway, three-sty brick stable, tin roof, internal alterations; cost, \$10,000; owners, Brooklyn City Railroad Co., 168 Montague St.; architect, A. W. Dickie, 168 Montague St.

St. James Pl., No. 67, three-sty brick dwell., tin roof, three-sty brick extension, tin roof; cost, \$3,000; owner, R. W. Thompson, Times Building, New York City; architect and builder, Charles Eaton, 1218 Fulton St.

Graham Ave., n e cor. North Second St., three-sty frame store and dwell., tin roof, three-sty frame extension, tin roof, and internal and other alterations; cost, \$3,000; owner, S. Schaffner, on premises; architect, H. Vollweiler, 483 Hart St.

Clinton Ave., No. 361, seven-sty brick hotel, tin roof, seven-sty brick extension, tin roof, and internal alterations; cost, \$500,000; owners, Brooklyn Hotel Co., 361 Clinton St.

Whipple St., n w cor. Broadway, three-sty frame store and dwell., tin roof, one-sty brick extension, tin roof, and internal and other alterations; cost, \$4,000; owner, Annie Burkhardt, 531 Lexington Ave.; architect, H. Vollweiler, 483 Hart St.

Myrtle Ave., s e cor. Broadway, three-sty brick store, tin roof, raised one story and internal and other alterations; cost, \$25,000; owner, Julius Block, Vernon Ave.; architect, F. Holmberg, 1169 Broadway.

Fulton St., No. 711, four-sty brick store and dwell., tin roof, three-sty brick extension, tin roof, and other alterations; cost, \$10,000; owner, Kinkel Estate; architect, Charles Werner, Garfield Building.

Debevoise Pl., w s, 200' n De Kalb Ave., one-sty brick church, slate roof, one-sty stone extension, tin roof, and internal alterations; cost, \$10,000; owners, Trustees of Church of Our Lady of Mercy, Debevoise Pl.; architect, Thos. F. Houghton, 213 Montague St.; builders, P. J. Carlin & Son, 186 Remsen St.

Camden, N. J.—Market St., No. 206, brick addition; owner, Wm. Zelneman.

Benson St., No. 510, rear, two-sty brick addition; owner, David Lummis.

Mickle St., s w cor. Third St., frame addition; owner, M. E. Harden.

Chicago, Ill.—C. Stegman, addition, 4628 Cottage Grove Ave.; cost, \$3,500.

Shailer & Schniglan, addition, Midway Plaisance and Madison Ave.; cost, \$3,000.

C. S. Smith, two-sty addition, 216-218 Woodlawn Terrace; cost, \$3,500.

Haverhill, Mass.—Park St., alterations to frame dwell.; for Madam Julia Houston West; architect, E. A. P. Newcomb, Boston.

Philadelphia, Pa.—Columbia Ave., No. 527, one-sty brick addition; owner, E. Austermaul.

Providence, R. I.—Angell St., No. 33, frame addition to dwell.; owner, Lyra F. Nickerson; architect, E. I. Nickerson; day work.

West Chester, Pa.—Alterations and improvements to dwell. of W. B. Kelly; contractor, F. E. Jeffers.

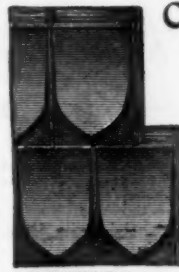
APARTMENT-HOUSES.

Chicago, Ill.—W. W. Wilcox, two-sty flats, Everett St., near St. Charles St.; cost, \$3,200.

Fred. Helm, two-sty flats, 116 Melrose St.; cost, \$3,000.

Townsend Smith, 4 three-sty flats, 824-826, Seventy-second St.; cost, \$12,000.

Fortinand Vert, 2 two-sty flats, Lexington Ave. and Ninety-ninth St.; cost, \$3,000.



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BUILDING INTELLIGENCE.

R. W. Dahlgren, 2 two-sty flats, 2752 Paulina St.; cost, \$9,500.

Henry Smith, two-sty flats, 1664 Ogden Ave.; cost, \$4,500.

R. Morgan, two-sty flats, 9018 Superior Ave.; cost, \$3,400.

S. Dombey, 4 three-sty flats, 5431-5437 Kimbark Ave.; cost, \$40,000.

Herman Leinke, three-sty flats, 532 Thomas St.; cost, \$8,000.

Albert Gilbertson, 2 two-sty flats, 259-261 Cortland St.; cost, \$6,000.

August Rick, two-sty flats, 856 Thirty-third St.; cost, \$5,000.

Walter Dwight, 3 two-sty flats, 759-761 West Erie St.; cost, \$9,000.

Theodore Reitzel, two-sty flats, 451 North Wood St.; cost, \$4,000.

Henry Wood, 2 three-sty flats, 441-443 Marshfield Ave.; cost, \$15,000.

J. F. Winter, 6 two-sty flats, 4916-4926 Vincennes Ave.; cost, \$100,000.

Carl Freitag, two-sty flats, 153 Edgewood Ave.; cost, \$3,500.

Jeremiah McCarthy, three-sty flats, Division and Rockwell Sts.; cost, \$5,500.

Boston, Mass.—Hutchins Ave., near Blue Hill Ave., Ward 20, 3 three-sty brick apartments, flat roofs, 20' x 34'; owner, Bennett Norwich; builder, E. R. Fernald.

St. Louis, Mo.—Two-sty flat, s s Eads Ave., e Todd Ave.; cost, \$5,000; owner, Bertha Walker; builder, James Tonaue.

Two-sty flat, Montgomery and Twenty-third St.; cost, \$4,000; owner, Lillian Macklin; builder, Jno. Kinbert.

Two two-sty flats, Richmond Pl. and Taylor Ave.; cost, \$7,000; owner, A. H. R. Davis; builder, Jno. Kinbert.

Double flat, Adams and Jefferson Aves.; cost, \$7,000; owner, A. J. Johnson; builders, Mathias & Schneider.

Two two-sty flats, Benton and Twentieth Sts.; cost, \$6,000; owner, Chas. Wiesmath; builder, Ph. Tiernan.

Two-sty flat, Allen Ave. and Dolman St.; cost, \$6,000; owner, A. J. Blume; builder, M. C. Geimer.

CHURCHES.

Chicago, Ill.—The Congregation Auspe-Erneth, two-sty church, 349 Sedgewick St.; cost, \$10,000.

Gadsden, Ala.—The Baptists will build a church, to cost about \$12,000.

Greensboro, N. C.—The West Market St. Methodist Church contemplate the building of a church, to cost about \$30,000.

Greensburg, Pa.—Church will be built by the Baptist congregation.

Philadelphia, Pa.—Girard Ave., n s, w Forty-first St., chapel; builder, James Bradley, 40 North Thirtieth St.

Waterloo St., below Westmoreland St., brick church; builder, Edward J. Roberts.

Chester Ave. and Forty-sixth St., church, slate roof, for the Chester Ave. Baptist Church; architect, J. Franklin Stuckert, 49 North Thirtieth St.

Christian St., Nos. 620-628, brick and stone synagogue for the Hebrew congregation of Rodphe Zadeck Aushe Sagga; architect, J. Franklin Stuckert, 49 North Thirtieth St.

Pittsburgh, Pa.—Church for the First Methodist Church congregation; cost, about \$43,000; architect, F. J. Osterling.

Plans have been made for the Allegheny Church by architects Riddle & Keirn.

Richmond, Va.—N. E. Ancarrow has contract for building a church for the Clay St. Baptist Church, to cost \$11,850.

Roanoke, Va.—New church, to cost about \$75,000, will be built by St. Andrew's Catholic Church.

St. Louis, Mo.—Church, Marcus Ave. and Hammet Pl.; cost, \$20,000; owner, Buelah Chr. Church; builder, E. A. Bartholomew.

Taylor, Texas.—The Catholics will build a church, to cost about \$12,000.

Waynesburg, Pa.—Church for the Presbyterian congregation.

FACTORIES.

Boston, Mass.—Congress St., Nos. 343-350, Ward 13, five-sty brick factory, flat roof, 40.10' x 100'; owners, Boston Wharf Co.

Brooklyn, N. Y.—Bridge St., s w cor. Water St., four-sty brick factory, etc., gravel roof; cost, \$70,000; owners, Hannan & Son, Centre and White Sts., New York City; architects, F. P. Sheldon & Co., 45 Broadway, Providence, R. I.

Chicago, Ill.—William Trautwein, two-sty factory, 820-822 Lawndale Ave.; cost, \$4,000.

Philadelphia, Pa.—Franklin St., w s, n Willow St., five-sty brick factory; builder, Charles McCaul.

American St., w s, n Diamond St., three-sty brick factory; builder, Thos. McCarty, 1935 North Seventh St.

Pottstown, Pa.—Factory for the Young & Willevr Automatic Block Signal Co.; President, E. H. Johnson.

St. Louis, Mo.—Factory, Thirteenth St. and Park

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BUILDING INTELLIGENCE.

Ave.; cost, \$13,000; owner, Lungstras; builder, J. Schenk.

Worcester, Mass.—Harlow St., three-sty brick and stone factory; owner, J. H. Whittle; architect, A. P. Cutting; contractors, Cutting & Bishop.

HOSPITALS.

Boston, Mass.—East Chester Park, Ward 18, two brick hospital wards, each 55.6' x 174'; three-sty administration building, flat roof, 50' x 71'; domestic building, 41' x 55'; gate lodge, 35' x 92'; owner, City of Boston; builders, Whidden & Co.

HOTELS.

Atlanta, Ga.—Bruce & Morgan, architects, have prepared plans for Marion C. Kiser for a four-sty hotel, to cost about \$40,000.

Chicago, Ill.—Louis Asmus, three-sty hotel, 5746 Stony Island Ave.; cost, \$3,000.

William Hill, three-sty hotel, 692-694 Sixty-ninth St.; cost, \$5,000.

Hotel Leonard, four-sty hotel, Champlain and Sixty-seventh Sts.; cost, \$12,000.

Middletown, N. J.—On the turnpike, plans for a hotel; for W. A. French, of Red Bank; architect, R. D. Chandler.

Montgomery, Ala.—Three-sty hotel and store building, to cost about \$25,000, will be built by Griel Bros.

New York, N. Y.—Broadway, n w cor. Mosholu Ave., three-sty stone and frame hotel, tin roof; cost, \$12,000; owner, Henry Langer, 443 West Thirty-sixth St.; architects, Thom & Wilson, 1267 Broadway.

San Angelo, Texas.—Two-sty stone hotel, to cost about \$15,000, will be built by E. A. Nimitz.

Staunton, Va.—Chas. T. Palmer will build four-sty store and hotel building, to cost about \$14,000.

HOUSES.

Anglewood, N. J.—Chestnut St., dwell.; owner, Gerard Vermilye.

Brayton and Chestnut Sts., dwell.; owner, F. A. Farley.

King St., dwell.; owner, Mr. Darlington.

Church St., dwell.; owner, Geo. B. Best.

Lydecker St., one, and perhaps two dwells.; owner, A. J. Dittman.

Pallade Ave., dwell.; for Misses Creighton and Farrar.

Mopie St., dwell.; owner, Abram de Ronde.

Atlantic Highlands, N. J.—Burlington and Roop Aves., on the Brevort Park tract, cottage; for W. H. Willets; builders, John Southall & Sons.

Baltimore, Md.—J. B. Deford, 13 two-sty brick buildings, w s Appleton St., bet. Edmondson and Harlem Aves.

W. J. Clendinen, 8 three-sty brick buildings, w s Broadway, bet. Federal and Oliver Sts.

F. Behn, three-sty brick building, s s Columbia Ave., w Barre St.

Geo. W. Walther, three-sty brick building, s s Marion St., bet. Park Ave. and Howard St.

Chas. B. Hakeley, three-sty brick building, s s Biddle St., bet. Bond St. and Broadway.

Jos. O. Pursley, 7 three-sty brick buildings, s s Mt. Royal Ave., beg. n e cor. Mosher St.; and 4 three-sty brick buildings, n s Mosher St., e Mt. Royal Ave.

BUILDING INTELLIGENCE.

Boston, Mass.—Forbes St., near Centre St., Ward 23, 2 three-sty frame dwells., flat roofs, 23' x 42', 23' x 40'; owner, T. O'Leary; builder, Daniel Leak.

Story St., No. 53, Ward 14, frame dwell., 22' x 48', and mechanical building, 15' x 45'; owner and builder, E. R. Flint.

Greenough Pl., off Greenough Ave., Ward 23, frame dwell., 23' x 58'; owner, Nathan Stone.

Conform Pl., off Rutherford Ave., Ward 5, three-sty frame dwell., flat roof, 20' x 40'; owner, John Donovan.

East Fourth St., No. 340, Ward 14, three-sty frame dwell., flat roof, 25' x 65.7'; owner, J. T. Osborn; builder, Thos. Raynor.

Riverdale St., near Western Ave., Ward 25, 2 three-sty frame dwells., flat roofs, 22' x 40'; owner and builder, Edward Purdy.

Fairfax St., near Beaumont St., Ward 24, frame dwell., 23.6' x 34.4'; owner and builder, Wm. Peard.

Lamartine St., near opp. Lamartine Terrace, Ward 23, three-sty frame dwell., pitch roof, 22' x 42'; owner and builder, Arthur F. Bower.

Horace St., near Moore St., Ward 1, frame dwell., 21' x 49'; owner, Catherine O'Donnell; builder, John G. Martin.

Cordes St., No. 14, Ward 5, three-sty frame dwell., 24.6' x 48.6'; owner and builder, A. V. Lincoln.

Perkins St., near Centre St., Ward 23, frame dwell., 40' x 53'; owner, Wm. Jacobs.

Harrison St., near Florence St., Ward 23, frame dwell., 28' x 40'; owner and builder, O. W. Moore.

Newbern St., near Dudley Ave., Ward 23, frame dwell., 25' x 31.6'; owner, Albert E. Hents; builder, T. R. Willa.

Wells Ave., near Harly St., Ward 24, frame dwell., 30' x 36'; owner, Mrs. Adelaide Pelton; builder, G. W. Oliver.

Westville St., cor. Iowa St., Ward 24, frame dwell., 24' x 48'; owner, J. J. Connor; builders, Bowman & Anderson.

West Park St., cor. Merlin St., Ward 24, frame dwell., 20' x 34'; owner and builder, W. A. Lent.

Prospect St., cor. Tremont St., Ward 3, three-sty frame dwell., flat roof, 33' x 44'; owner and builder, Francis Raynes.

Langdon St., Nos. 37-39, Ward 20, 2 three-sty frame dwells., flat roofs, 21' x 58'; owners and builders, B. F. & W. B. Wallis.

Dalmacia St., cor. Dacre St., Ward 20, 2 three-sty frame dwells., pitch roofs, 28' x 32.6'; owner and builder, John Kiley.

Howard Ave., cor. Julian Ave., Ward 20, three frame dwells., 23.6' x 48'; owner and builder, G. A. Gifford.

Homestead St., near Humboldt Ave., Ward 21, two frame dwells., 20' x 49', 20' x 25'; owner and builder, J. P. Campbell.

Intervale St., near Blue Hill Ave., Ward 21, seven frame dwells., 27' x 45.8'; owner, Patrick Maguire; builder, F. L. Julien.

Lanark Road, near Englewood Ave., Ward 25, frame dwell., 30' x 41'; owner, W. T. Mann; builder, C. Leake.

Armandine St., near Milton Ave., Ward 24, three-sty frame dwell., flat roof, 22' x 36'; owner, R. H. McDowell; builder, H. N. Wyman.

School St., No. 114, Ward 23, frame dwell., 20' x 30'; owner, J. K. Hicks; builder, M. A. Blanchard.

Murdock St., near Sparhawk St., Ward 25, frame

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dwell., 17' x 40'; owner, David Hunt; builder, A. C. Ringer.

Brighton Ave., cor. Reedsdale St., Ward 25, frame dwell., 28' x 50'; owner, J. H. Wetherall; builders, McLeod Bros.

Savin Hill Ave., near Robertson St., Ward 24, frame dwell., 30' x 37'; owner and builder, Isaac Schurman.

Bower St., near Humboldt Ave., Ward 21, three-sty frame dwell., flat roof, 24' x 68'; owner, Mrs. John Dolan; builders, Small & Sweeney.

Ivory St., cor. Perham St., Ward 23, frame dwell., hip roof, 32' x 43'; owner, Mrs. E. J. Temple; builders, Rolfe & Duran.

Temple St., near Ivory St., Ward 23, frame dwell., 26' x 38'; owner, J. J. Murphy; builders, Rolfe & Duran.

Montclair Ave., near Centre St., Ward 23, frame dwell., 28' x 32'; owner, Grace J. Freeman; builders, Dame & Warner.

Centre St., near Corey St., Ward 23, frame dwell., 23' x 38.6'; owner and builder, Otis H. Wild.

Centre St., near Mozart St., Ward 23, three-sty frame dwell., hip roof, 28' x 58'; owner, O. M. Sheridan; builder, M. J. Curley.

Hyde Park Ave., near Walk Hill St., Ward 23, three-sty frame dwell., flat roof, 20' x 61'; owner, O. T. Donovan; builder, James Mulcahy.

Amherst St., near Brandon St., Ward 23, frame dwell., 24' x 31.6'; owner, J. Kretschman; builder, F. M. Brown.

Jewell St., near Mt. Hope St., Ward 23, frame dwell., 22' x 40'; owner, Patrick Kelly; builder, T. E. Haver.

Brookfield St., near Roberts St., Ward 23, frame dwell., 26' x 50'; owner, M. W. Herbert; builder, Jas. Murray.

Dorchester Ave., cor. Bay St., Ward 24, three-sty frame dwell., flat roof, 27' x 52.5'; owner and builder, P. A. Burns.

Harbor View St., near Sydney St., Ward 24, three-sty frame dwell., flat roof, 23' x 43'; owner, D. E. Hennessey; builders, Howard Bros.

Bowdoin Ave., near Ballard St., Ward 24, frame dwell., 32.6' x 44'; owner, Mrs. Maria Fitton; builder, J. G. Eaton.

Bertram St., near Neponset Ave., Ward 24, frame dwell., 24' x 29'; owner, M. Dyer, Jr.; builder, W. J. Hatch.

Sydney St., near Harbor View St., Ward 24, three-sty frame dwell., flat roof, 23' x 43'; owner, B. M. De Silva; builders, Howard Bros.

Sagamore St., near Ramsey St., Ward 24, three-sty frame dwell., pitch roof, 28' x 34'; owner, W. Diety; builders, Howard Bros.

Abion St., No. 25, Ward 20, three-sty frame dwell., flat roof, 25' x 49'; owner, L. C. Owen; builder, S. Moxom.

Spring St., near Market St., Ward 25, two frame dwells., 20' x 35'; owner, Mrs. A. T. Gately; builder, Otis Gately.

Holborn St., near Blue Hill Ave., Ward 21, two frame dwells., 25' x 38.6'; owners and builders, S. J. Vaughan and J. A. Silas.

Maywood St., Nos. 51-55, Ward 21, 4 three-sty frame dwells., flat roofs, 23' x 66.6'; owner, Hugh Nawn Estate.

Howell St., near Boston St., Ward 15, three-sty frame dwell., flat roof, 24' x 50'; owner, Mary A. Sullivan; builder, W. Eadie.

Harvard St., cor. Chamberlin St., Ward 24, frame dwell., 25' x 34.6'; owner, Wm. Boyd; builders, Decker Bros.

Hyde Park Ave., near Walk Hill St., Ward 23, three-sty frame dwell., pitch roof, 25' x 40.6'; owner and builder, Angus J. Smith.

THE POTSDAM RED SANDSTONE CO., of POTSDAM, N. Y.,

PRODUCES A

Fireproof Building Stone.

For full particulars see

THE "AMERICAN ARCHITECT" OF MARCH 4, 1893,

THE "SCIENTIFIC AMERICAN" OF JANUARY 7, 1893,

THE "MANUFACTURER AND BUILDER" OF JANUARY, 1893.

Send for full information.

Samples prepaid to Architects.

BUILDING INTELLIGENCE.

Kilton St., near West Park St., Ward 24, frame dwell., 29' x 37'; owner, C. B. C. Munson; builder, W. A. Lout.

Lauriat Ave., near Norfolk St., Ward 24, frame dwell., 29' x 33'; owner, Mrs. J. W. Westwood; builders, Bernard & Hooley.

Rawson St., near Powers St., Ward 15, three-sty frame dwell., flat roof, 22' x 38.9'; owner and builder, J. W. Keyes.

Sydney Pl., near Waterloo St., Ward 24, frame dwell., 29' x 31'; owner and builder, W. A. Davidson.

Weld Hill St., near Wenham St., Ward 23; frame dwell., 22' x 49'; owner, Marshal E. Rand; builders, Felch & Saunders.

Meridian St., near West Eagle St., Ward 1, three-sty frame dwell., flat roof, 22' x 68'; owners, James Frame and E. B. McPherson; builders, Frame & McPherson.

Pleasant St., near Savin Hill Ave., Ward 24, 2 three-sty frame dwell., flat roofs, 23'6" x 54'6"; owner, Mrs. Mary Roach; builders, McAulay & Johnson.

Dennis St., Nos. 14-16, Ward 20, 2 three-sty frame dwell., flat roofs, 17'9" x 55'6"; owner and builder, L. Seldner.

Main St., near Baldwin St., Ward 4, three-sty frame dwell., flat roof, 20' x 52'; owner, J. H. Cotton; builder, G. M. Starbird.

Humboldt Ave., near Monroe St. and cor. Monroe St., Ward 21, 2 three-sty brick dwell., flat roofs, 20' x 38', 20' x 40'; owners, B. J. Connelly and C. E. Furber; builders, Connelly & Furber.

Brooklyn, N. Y. — Classon Ave., w s, 79' n Douglas St., four-sty brick dwell., tin roof; cost, \$5,000; owner, Patrick Byrne, 860 Pacific St.

Kosciusko St., n s, 98' e Spencer St., two; Spencer St., e s, 24' s DeKalb Ave., six; and Spencer St., w s, 24' s DeKalb Ave., 6 four-sty brick dwell., tin roofs; total cost, \$168,000; owners, Donecke Bros., 134 South Ninth St.

Herkimer St., n s, 100' w Nostrand Ave., five-sty brick dwell., tin roof; cost, \$25,000; owner, M. Lyon, Park Pl. and New York Ave.; architect, Geo. P. Chappell, 24 State St.

Pulaski St., n s, 280' e Sumner Ave., 2 four-sty brick dwell., tin roofs; cost, \$7,000 each; owner, E. Keese, 256 Rutledge St.; architect, J. W. Fletcher, 97 Moffett St.

Colyer St., s s, 25' w Newell St., three-sty frame dwell., tin roof; cost, \$7,000; owner and builder, C. O. Gately, 139 Bedford Ave.; architect, H. W. Billard, Jefferson Building.

Cleveland St., w s, 27'3" s Fulton St., three-sty frame dwell., tin roof; cost, \$4,800; owner and builder, Louis Mehrmann, 254 Cleveland St.; architect, Th. Engelhardt, 905 Broadway.

Decatur St., n s, 300' e Saratoga Ave., four frame dwell., tin roofs; cost, \$12,000; owner, A. S. Walsh, 643 Madison St.; architect, Chas. R. Behrens, 628 Monroe St.

Dikeman St., n s, 200' e Richards St., four-sty frame dwell., tin roof; cost, \$7,500; owner, John Sweeney, on premises.

Evergreen Ave., No. 190, three-sty frame dwell., tin roof; cost, \$5,500; owner, John Schroeder, 190 Evergreen Ave.; architect, E. Dennis, 116 Himrod St.

Douglas St., n s, 70' e Hoyt St., four-sty brick dwell., tin roof; cost, \$6,500; owner, John McGrath, 355 Hoyt St.; architect and builder, W. J. Conway, Third Ave. and Sackett St.

State St., s s, 150' w Hicks St., 2 five-sty brick dwell., gravel roofs; total cost, \$14,000; owner, Mary E. Lynch, 236 St. John's Pl.; architect, John McLean, 236 St. John's Pl.

Sixteenth St., n s, 50'9" w Eighth Ave., 4 three-sty brick dwell., tin roofs; cost, \$4,000 each; owner, architect and builder, Wm. Myerott, 391 Sixteenth St.

Third St., n s, 175' w Fifth Ave., 12 four-sty brick dwell., tin roofs; cost, \$7,500 each; owner, Chas. Hagadorn, 227 Thirteenth St.

Fleet's Alley, e s, 125' n York St., four-sty brick dwell., tin roof; cost, \$5,000; owner, A. Aroto, 70 Adams St.; architect, H. L. Spicer, Third Ave. and Fifty-third St.

Park Pl., n s, 100' w New York Ave., 6 three-sty brick dwell., tin roofs; cost, \$5,000 each; owner, I. B. Langston, 157 Herkimer St.; architect, F. B. Langston, 1239 Bedford Ave.

North Ninth St., s s, 250' w Havemeyer St., 10 two-sty frame dwell., gravel roofs; cost, \$10,000; owner, architect and builder, S. Burrows, 236 Ainslie St.

Rogart St., s s, 25' s Thames St., three-sty frame dwell., tin roof; cost, \$4,000; owner and builder, G. Regle, on premises; architect, H. Vollweiler, 483 Hart St.

Bergen St., s s, 377'4" e Troy Ave., three-sty frame dwell., tin roof; cost, \$3,000; owner, B. Ginty, 1484 Bergen St.; architect, A. J. Fageremy.

Neville St., w s, 200' s Norman Ave., three-sty frame dwell., tar and gravel roof; cost, \$4,200; owner and builder, Wm. Sching, 175 India St.; architect, E. Schrempf, 654 Bushwick Ave.

Belmont Ave., n s, 35' e Crystal St., 5 two-sty frame dwell., tin roofs; cost, \$2,000 each; owner, Peter J. Kerr, Crystal St.

Fifty-fourth St., n s, 50' e Second Ave., 3 three-sty frame dwell., tin roofs; cost, \$3,000; owner, L. V. Martin, Fourth Ave. and Seventy-seventh St.; architect, H. L. Spicer, Third Ave. and Fifty-third St.

Ashford St., w s, 362'6" n Arlington Ave., two-sty

BUILDING INTELLIGENCE.

frame dwell., shingle roof; cost, \$3,500; owner, E. Fischer, 126 Cleveland St.; architect, Chas. Infanger, 126 Van Sielen Ave.

Troutman St., s s, 125' e Knickerbocker Ave., 3 three-sty frame dwell., tin roofs; cost, \$4,500 each; owner, J. Wolpert, 4 Debevoise St.; architects, D. Acker & Son, 752 Broadway.

Hendrix St., s w cor. Eastern Parkway, three-sty frame dwell., tin roof; cost, \$5,000; owner, M. Albrecht, 251 Hendrix St.; architect and builder, Chas. S. Haviland, 300 Liberty Ave.

Central Ave., s w cor. Jefferson Ave., three-sty frame dwell., tin roof; cost, \$4,000; owner, architect and builder, Chas. D. Hommel, 41 Woodbine St.

Garfield Pl., n s, 232'6" e Sixth Ave., four-sty brick dwell., tin roof; cost, \$9,000; owner, Peter Kelly, 357 First St.; architect, H. W. Billard, Jefferson Building.

Third Ave., s e cor. Fifty-seventh St., four-sty brick dwell., tin roof; cost, \$9,000; owner, Jas. Burk, Forty-seventh St., near Third Ave.; architect, H. L. Spicer, Third Ave. and Fifty-third St.

South Second St., n s, 125' e Keap St., three-sty brick dwell., tin roof; cost, \$6,000; owner, J. Bopp, 353 South Second St.; architect, W. B. Wills, 504 Hart St.

First St., n s, 100' w Sixth Ave., 5 two-and-one-half-sty brick dwell., tin roofs; total cost, \$30,000; owner, Geo. W. Campbell, 779 Greene Ave.; architects, S. W. & C. J. Dodge, 325 Grand Ave.

St. Mark's Ave., n s, 331'4" e Fifth Ave., 3 four-sty brick dwell., tin roofs; cost, \$7,500 each; owner and architect, F. E. Lewis, 82 Berkeley Pl.

St. Mark's Ave., n s, 370' e Fifth Ave., 3 three-sty brick dwell., tin roofs; cost, \$5,500 each; owner and architect, F. E. Lewis, 82 Berkeley Pl.

Union St., s s, 170' e Hoyt St., 3 three-sty brick dwell., tin roofs; cost, \$4,500 each; owner, H. H. Wood, 62 Berkeley Pl.

Herkimer St., n s, 50' e Delmonico Pl., 3 four-sty brick dwell., tin roofs; cost, \$8,000 each; owner, J. Eich, Park Ave.; architects, D. Acker & Son, 752 Broadway.

Jefferson Ave., s s, 175' e Stuyvesant Ave., 2 two-sty brick dwell., tin roofs; cost, \$9,000; owner, C. M. Isbill, 658 Jefferson Ave.

Chicago, Ill. — Gustav Kreig, two-sty dwell., 1615 Grimeshew Ave.; cost, \$3,000.

H. D. Kohn, 2 three-sty dwell., 3331-3333 Michigan Ave.; cost, \$4,000.

Adolph Berger, two-sty dwell., 602 Burling St.; cost, \$3,500.

Long Branch, N. J. — Slocum Pl., dwell.; for Mrs. Fannie Jones; builder, Horace Stanton.

New York, N. Y. — Sedgwick Ave., w s, 1236' s Dock St., three-sty brick and frame dwell., peaked slate roof; cost, \$3,800; owner, Bridget A. H. Murphy, 305 West One Hundred and Twenty-fifth St.; architect, John J. Lennon, Riverview Ave., n Dock St.

Edgcomb Ave., e s, 383' s One Hundred and Forty-fifth St., 5 three-sty brick dwell., tin roofs; cost, \$37,500; owner, Frederick Gramus, 207 Edgcomb Ave.; architect, Will A. O'Hea, 525 West One Hundred and Twenty-fifth St.

Eighty-second St., s s, 395' w Eighth Ave., four-sty brick dwell., tin roof; cost, \$25,000; owner, Moritz Freedman, 332 Canal St.; architect, Henry T. Cook, 264 Columbus Ave.

Orange, N. J. — Mountain Station, sixteen brick and frame dwell.

Philadelphia, Pa. — Columbia Ave., s e cor. Thirty-second St., three-sty brick dwell.; builder, Robert Buchanan, 2925 North Twenty-second St.

Siegel St., s s, w s, 18th and 20th St., 9 two-sty brick dwell.; owner, John Gorman, 1409 Moore St.

Keystone St., s w cor. Friendship St., two-sty brick dwell.; owner, John Mills, cor. Tulip and Friendship St.

Clarion St., w s, n Ontario St., 19 two-sty brick dwell.; builder, John C. Lynch, 1211 Mt. Vernon St.

F Ave., w s, n Sixteenth St., 2 two-sty brick dwell.; builder, C. A. Urian, Sixty-eighth St. and Greenway Ave.

Sixth St., w s, and Lindsey Ave., two-sty brick dwell.; builder, W. G. Wilson, Sixth St. and Rockland Ave.

Washington Lane, w s, e Main St., 2 two-sty brick dwell.; owner, Samuel Harting, Eighteenth St., w Duval St.

Harvey St., s w s, w Green Lane, three-sty brick dwell.; builder, Thos. M. Seeds, 203 Race St.

Norris and Thirty-first St., 20 two-sty brick dwell.; owner, Wm. F. Albrecht.

Belfield St., e s, n Penn St., 6 two-sty brick dwell.; builder, Eli Leach, 437 Hancock St.

Oakford St., n e cor. Twenty-eighth St., two-sty brick dwell.; builder, John O'Donnell, 1161 South Thirteenth St.

Cresson St., e s, n Adams St., three-sty brick dwell.; builder, Frank Gillett, 200 Ripka Ave.

Green Lane, s s, w Ridge Ave., three-sty brick dwell.; builder, W. H. Edleman, 480 Green Lane.

Krams Ave., e s, n Mitchell St., three-sty brick dwell.; builder, W. H. Edleman, 480 Green Lane.

Sumac St., n s, e Ridge Ave., two-sty brick dwell.; builder, W. H. Edleman, 480 Green Lane.

Bridge St., n e s, e Creek St., two-sty brick dwell.; builder, Geo. F. Little, 4724 School St.

Sellers St., No. 1511, three-sty brick dwell.; owner, John V. Allen, 1541 Sellers St.

Merrill St., s s, w Forty-sixth St., 4 two-sty brick dwell.; owner, Benj. Hoonen, 925 Belmont Ave.

BUILDING INTELLIGENCE.

Eaglesfield St., n s, w Forty-first St., 26 three-sty brick dwell.; owner, Wm. McCarter, 1400 North Twenty-second St.

Hunter's Ave., n and s s, w Fifty-fifth St., 19 three-sty and 9 two-sty brick dwell.; owner, John G. Hunter, 1516 North Fifty-fifth St.

Upsal St., n s, e Jefferson St., three-sty brick dwell.; builders, Thos. W. Wright & Son, 7 Harney St.

Green St., s w s, bet. Chelton Ave. and School Lane, 2 three-sty brick dwell.; builder, George Hearst, 427 School St.

Jefferson St., No. 294, 2 two-sty brick dwell.; owner, John Foyle, 283 Jefferson St.

Woodland Ave., s w s, e Forty-first St., 5 three-sty brick dwell.; owner, A. F. Benner, 9 North Thirtieth St.

Palmer St., n e s, bet. Richmond and Robinson Sts., 3 three-sty brick dwell.; owner, John C. Snelson, 1234 Reed St.

D St., No. 2110, two-sty brick dwell.; builder, Valentine Luit, 3210 Lee St.

Front St., w s, and Hope St., e s, n Westmoreland St., 34 two-sty brick dwell.; owner, E. J. Devlin, 1355 North Second St.

Kensington Ave., w s, s Clearfield St., 5 three-sty brick dwell.; owners, Quigg and Melinden, 3031 Indiana Ave.

Michigan St., n s, w Broadway, 3 two-sty brick dwell.; owner, Davis F. Holl.

Providence, R. I. — Adelaide Ave., n w cor. Melrose St., two-sty frame dwell.; cost, \$7,000; owner, Samuel H. Bailey; architect, Howard K. Hilton; builder, H. M. Horton.

Broad St., n s, near Trinity Square, two-and-one-half-sty frame dwell.; cost, \$7,000; owner, W. F. Morrison, M. D.; builders, Hathaway & Douglas; architect, H. K. Hilton.

Chestnut St., n w cor. Elm St., two-sty frame dwell.; cost, \$5,000; owner, Mrs. Lucy A. Elswald; architect, H. K. Hilton; builder, Wm. J. Halorow.

George St., n s, near Brook St., two-and-one-half-sty frame dwell.; owners, Thos. Durfee and wife; architects, Gould, Angell & Swift.

Portland St., s s, two-sty frame dwell.; cost, \$4,000; owner, Clarence G. Hamilton; builder, Albert Cyr.

Wilket St., s w cor. Division St., three-sty frame building; cost, \$7,000; owner, Mrs. B. W. Sweet.

Providence St., w s, two-and-one-half-sty frame dwell.; owner, Frederick Hartman; builder, Daniel McDermott.

Cypress St., n s, two-and-one-half-sty frame dwell.; cost, \$5,700; owners, J. K. Akers and wife; builder, K. Forbes.

Sea Bright, N. J. — Three-sty brick dwell.; for Geo. W. Elliott; builders, James Cloughley & Sons.

Somerville, Mass. — Pinckney Pl., frame dwell., 25' x 28'; owner and builder, H. A. Clarey.

Bartlett St., two frame dwell., 27' x 30'; owners and builders, S. & C. H. Williams.

Hudson St., No. 97, frame dwell., 23' x 31'; owner and builder, E. N. Everett.

Aldrich St., near Flint St., double frame dwell., 48' x 55.6'; owner, Harrison Aldrich; builder, Mark Leighton.

Pleasant Ave., No. 15, frame dwell.; owner and builder, Elijah Walker.

Central St., cor. Albion St., frame dwell., 35' x 48'; owner, J. B. Humphrey; contract to be let; architect, Geo. F. Loring, Boston.

Nashua St., near Wilton St., frame dwell., 22' x 30'; owner, John Kelley; builder, Geo. E. Kicker.

Concord Ave., double frame dwell., 44' x 55'; owner, Alice M. Holt; builder, D. C. Smith.

Wheatland St., frame dwell., flat roof; owner, W. J. Noonan; builder, W. M. Rice.

Mansfield St., three-sty frame dwell., flat roof, 22' x 44'; owner, Mrs. Catherine Wallace; builder, Sylvester Woods.

Adams St., near Broadway, frame dwell., 36.8' x 42'; owner, John J. Bradbury; builder, E. W. Boyington.

Fanning Ave., frame dwell., 23' x 36'; owner, E. B. Morgan; builders, Belding Bros.

Hancock St., frame dwell., 23' x 36'; owner, E. B. Morgan; builders, Belding Bros.

Robertson St., frame dwell., 24' x 29'; owner, E. B. Morgan; builders, Belding Bros.

Avon St., near Central St., frame dwell., 28.6' x 40'; owner, E. G. Humphrey; builders, Richard M. Ellis and Thomas Lingley.

Robinson St., No. 29, frame dwell., 26' x 55'; owner, Lydia J. Church; builder, H. I. Morse.

Morrison St., cor. Grove St., two frame dwell., 28' x 32'; 24' x 35'; owner and builder, A. G. Lewis.

Thorndike St., near Campbell Park, frame dwell., 21' x 30'; owner, Viola J. Colburn; builder, N. Otis Colburn.

Ware St., frame dwell., 24' x 50'; owner, L. W. Dow; builder, L. B. Phinney.

Church St., three-sty frame dwell., flat roof, 22' x 44'; owner, John F. Harrigan; builder, Sylvester Woods.

St. Louis, Mo. — Two-sty dwell., Third and Barry Sts.; cost, \$3,600; owner, Alex. Heinrich; builder, Van Beckerle.

Two-sty dwell. and store, Manchester Road and Claton St.; cost, \$3,500; owner, Maria Munchero; builder, Fred Stice.

Two-and-one-half-sty dwell., s s Whitnell St., bet. Semp and Morrison Aves.; cost, \$4,000; owner and builder, M. C. Yelmer.

GOTCH'S RENAISSANCE IN ENGLAND.

NOTE TO SUBSCRIBERS.

The Publishers desire to point out to the Subscribers that *five extra plates* are given in the Fifth Part, which may be some excuse for the delay that has occurred in its publication. It is intended to issue a like number of Plates in the concluding Part, which will also contain Title-pages for binding the Work in two volumes; alphabetical and chronological lists of the plates and other illustrations, etc., together with "Remarks upon the introduction and development of the Style in England," by Mr. Gotch.

It may here be mentioned that when completed the Work will contain *Sixteen* more Plates than the number mentioned in the original prospectus, besides a great many more illustrations in the text, including a number of plans, some of which have not been obtained without difficulty. The success of the work has enabled the Publishers to make these additions without asking the Subscribers for any increase of the price, but they desire to make it known that immediately upon the issue of the sixth (and concluding) part the price will be raised to **SIXTY DOLLARS**, and they will be obliged by Subscribers helping them to prevent disappointment, by informing any of their friends who may wish to obtain a copy of the book of this intended increase.

211 TREMONT STREET, BOSTON, April, 1893.

BUILDING INTELLIGENCE.

Two-story dwell., Tennessee and Miami Sts.; cost, \$6,000; owner, A. Seltrich; builder, A. Hoenshin.
Two-story dwell., w s Dillon St., bet. Park and Hickory Sts.; cost, \$4,000; owner, Mrs. Haler; builder, A. Hoenshin.
Two-story dwell., Arsenal St. and California Ave.; cost, \$4,000; owner, Mrs. Horch; builder, Hildebrandt.
Two-story dwell., Cook and Taylor Aves.; cost, \$5,000; owner, A. J. Price Co.; builder, R. H. Barnes.
Two-story dwell., s s Pine St., e Boyle Ave.; cost, \$9,000; owner, Mrs. S. H. Bowen; builders, Brown & Fried.
Two-story dwell., s w cor. Pestolozzi and Michigan Aves.; cost, \$4,500; owner, W. T. Yeiselman; builder, C. Welthing.
Two-story dwell., s s Eads St., bet. Ohio and Jefferson Aves.; cost, \$3,500; owner, Louis H. North; builder, C. Dougherty.
Six one-and-one-half-story dwell., McCaffery Terrace and Marcus Ave.; cost, \$10,800; owner and builder, S. A. McCaffery.
Two-story dwell., Franklin and Cardinal Aves.; \$5,000; owner, Dennis Clifford; builder, Mound City Building Co.
Two-story dwell., Washington and Taylor Aves.; cost, \$8,000; owner, T. S. Roe; builders, Roe & Mitchell.
Two two-story dwells., Delmar and Whitler Sts.; cost, \$10,800; owner, Geo. Dulbort; builder, Fred. Lane.
Three-story dwell., Broadway and Itaska Aves.; cost, \$6,800; owner, Wm. Lohrum; builder, Thos. Knitree.
Two-story dwell., Autum and Eleventh Sts.; cost, \$5,500; owner, Aug. Mullier; builder, Thos. Merta.
Two-story dwell., Clemmens and Clara Aves.; cost, \$6,000; owner and builder, L. B. Wright.
Two-story dwell., Grand and Park Aves.; cost, \$7,600; owner, H. H. Tanune; builder, Adolph Wagner.
Three-story dwell., Whittier and Olive Sts.; cost, \$5,000; owner and builder, Geo. J. Riddle.
Westfield, N. J.—Charles St., dwell.; owner, Martin Welles.
Park St., dwell.; for Rev. Wesley Martin.
Park St., dwell.; for N. A. Barnett.
Worcester, Mass.—Water St., four-story frame dwell.; owner, P. Ronayne; contractor, W. Power.
Laurel St., two-story frame dwell.; owner, F. E. Buxton; contractor, W. H. Kilburn.
Whipple St., two-and-one-half-story frame dwell.; owner, P. Sandin; contractor, L. M. Petterson.
Alpine St., 2 three-story frame dwell.; owner, C. F. Lybeck; contractor, L. M. Petterson.
Blodgett St., three-story frame dwell.; owner, A. G. Anderson; contractor, L. M. Petterson.
Gardner St., three-story frame dwell.; owner, J. Mann; contractor, P. Logan.
Mott St., three-story frame dwell.; owner and contractor, W. Power.
Ellsworth St., three-story frame dwell.; owner, Mrs. T. Gallagher; contractor, F. Gallagher.
Richland St., three-story frame dwell.; owner, M. Casey; contractor, F. Gallagher.
Elliot St., three-story frame dwell.; owner, J. J. Riordan; contractors, Jenkins Bros.
Ward St., three-story frame dwell.; owner, Miss Mary V. O. Callaghan; contractor, J. T. Gallagher.
Wayne St. Terrace, one-and-one-half-story frame dwell.; owner and contractor, C. A. King.
Gates Lane, one-and-one-half-story frame dwell.; owner, A. Wakefield; contractor, C. A. King.
Fales St., one-and-one-half-story frame dwell.; owner, B. Bullock; contractor, Wm. Fields.
Jacques Ave., three-story frame dwell.; owner and contractor, N. F. Tucker.
Shrewsbury St., three-story frame dwell.; owner, J. Shay; contractor, J. A. Kennedy.
Wachusett St., two-story frame dwell.; owner, A. O. Young; architect, W. H. Harvey; contractor, O. M. Ball.
Highland St., two-story frame dwell.; owner and contractor, O. C. Thayer.
Hamilton St., three-story frame dwell.; owner, N. P. Hout; contractors, Sheron & Rachefort.
Cambridge St., three-story frame dwell.; owner, J. Roberts; contractor, R. M. Bucklin.
Kendall St., one-and-one-half-story frame dwell.; owner, G. O. Meyers; contractor, J. A. Larkham.

BUILDING INTELLIGENCE.

OFFICE-BUILDINGS.

Boston, Mass.—Centre St., near Day St., Ward 23, one-story frame office, flat roof, 34' x 42'; owners, Leonard Hyde Heirs; builder, F. R. Perkins.
New York, N. Y.—East Thirtieth St., Nos. 416-418-420, one-story brick office, tin roof; cost, \$9,000; owner, Long Island Railroad, Long Island City; architect, C. M. Jacob, 192 Broadway.
Pine St., Nos. 37-39, thirteen-story brick office, concrete roof; cost, \$200,000; owners, Solomon Loeb, Abraham Wolf, 37 East Thirty-eighth St. and 33 West Fifty-seventh St.; architects, De Lemos & Cordes, s w cor. Fulton and Nassau St.

PUBLIC BUILDINGS.

Orange, N. J.—Bet. Day St. and Scotland Ave., building for the Free Library; architect, W. S. Knowles.
Port Lavaca, Texas.—The building of a courthouse, to cost about \$40,000, is contemplated.

SCHOOL-HOUSES.

Orange, N. J.—Parochial school-house; for St. John's parish.

STORES.

Boston, Mass.—Main St., cor. Baldwin St., Ward 4 three-story brick store and hall, flat roof, 40' x 60'; owner, J. H. Cotton; builder, G. M. Starbird.
Merrimac St., Nos. 20-22, cor. Friend St., Ward 7, five-story brick and stone store, flat roof, 75' x 98'; owner and builder, A. L. Thorndike.

TENEMENT-HOUSES.

Boston, Mass.—Monument St., Nos. 79-83, Ward 3, 3 four-story brick tenements, flat roofs, 20'3" x 47', 19'6" x 47'; owner and builder, P. O'Riordan.
Tremont St., No. 1204, Ward 19, four-story brick tenement and store, flat roof, 35' x 88'; owners, H. Crossover & Co.; builder, Isaac Weaver.
Sterling St., Nos. 95-97, cor. Westminster St., Ward 19, four-story brick tenement and store, flat roof, 20'4" x 72'; owner and builder, J. S. Ourish.

MISCELLANEOUS.

Anglewood, N. J.—Engle St., new building; for the Field Club; architect, Andrew D. Bogert.
Boston, Mass.—Cambria St., Nos. 18 to 20, Ward 11, three-story brick mechanical building, flat roof, 44' x 50'; owners, F. E. O'Brien and P. H. Cairnes; builder, P. H. Cairnes.
Front St., opp. Walcott St., Ward 5, one-story brick freight shed, pitch roof, 29' x 240'; owner, Boston & Maine Railroad Co.; builders, Dearborn Bros.
Clayton St., near Freeport St., Ward 24, frame mechanical building, flat roof, 30' x 48'; owners, S. V. Davis and H. C. Gould; builder, H. C. Gould.
Tufts St., Nos. 9 and 11, Ward 12, two-story iron storage, flat roof, 50' x 50'; owner, C. E. French; builder, A. Hathaway.
Washington St., near Green St., Ward 23, one-story brick storage, flat roof, 50' x 80'; owner and builder, Patrick Meehan.
Brooklyn, N. Y.—South First St., s s, 37'7" from cor. River St., three-story brick power-house, two-story brick boiler-house, gravel and felt roof; cost, \$15,000; owner, The American Sugar Refining Co., South Fourth St. and Kent Ave.; architect, L. G. Engel.
Franklin St., s w cor. Quay St., two-story frame machine shop, felt and gravel roof; cost, \$4,000; owner, Ella Nolan, 170 Eekford St.; architect, Th. Engelhardt, 905 Broadway.
Third St., s w cor. Gonanus Canal, one-story frame coal pocket, gravel roof; cost, \$3,000; owner, Nick Davids, premises; architect and builder, P. Nees, 104 Fifteenth St.
Prospect Ave., foot of, 50' e Gonanus Canal, two-story frame coal pocket, gravel roof; cost, \$5,000; owners, Nelson Bros., 592 Hamilton Ave.
Flushing Ave., s s, 87'7" w Kent Ave., two-story brick veterinary infirmary, gravel roof; cost, \$4,500; owner, Dr. J. K. Hodgson, 92 Keep St.; architects, C. L. Johnson & Co., 322 Rodney St.; builder, H. Ackery.
Sixth St., block bounded by Sixth and Seventh Sts., and Eighth and Ninth Aves., one-story brick roofed corridor, Portland cement, felt and gravel roof; cost, \$6,300; owner, M. E. Hospital, Sixth St.; architect, John Mumford, 189 Montague St.

Wythe Ave., n w cor. North Fourth St., three-story brick cooperage, gravel roof; cost, \$60,000; owner, Brooklyn Cooperage Co., Kent Ave., cor. North Sixth St.; architect, A. Krause; builders, Carpenter & Woodruff, 213 Tenth St., Long Island City.

Camden, N. J.—Point St., s w cor. Elm St., three-story brick machine shop; owners, Dorsey & Smith, 111 North Seventh St., Philadelphia, Pa.

Emerald St., w s, n Hart Lane, one-story pickler house; builders, McCartney & Oler, Front and Oxford Sts.

Mt. Vernon and Thirteenth Sts., plans will be prepared for a large power-house; for the Traction Company of Philadelphia; builders, Samuel Hart & Sons, 1109 Fairmount Ave.

New York, N. Y.—Ninety-fifth St., n s, 59' w Central Park w, three-story brick lecture hall, peak, slate and tin roof; cost, \$40,000; owner, Trustees Scotch Presbyterian Church, 59 West Ninth St.; architect, Wm. H. Hume, 1 and 3 Union Square.

Plainfield, N. J.—Boice Estate, storehouse; owner, John D. Runyon, of Boice, Runyon & Co.

Peace St., three-story brick and stone building; for the Y. M. C. A.

Providence, R. I.—Cora, Charles, Lick and Back Sts., two-story brick building for fireproof storehouse; cost, \$10,000; owners, Fletcher Mfg. Co.; builders, Thos. B. Ross & Son.

St. Louis, Mo.—Two-story planing mill, Pennsylvania and Quincy Aves.; cost, \$4,000; owner, Alfred Lagree; builder, S. A. McCaffery.

Business building, Eighth St. and Lucas Ave.; cost, \$20,000; owners, Russick & Kory; builder, S. L. Jones.

Brewery, Floresant and Salisbury Sts.; cost, \$60,000; owner, H. L. Brewing Association; builder, A. H. Haessler.

Worcester, Mass.—Garden St., one-story brick shop; owners and contractors, Washburn & Moen Mfg. Co.

COMPETITION.

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LIBRARY BUILDING.

[At Augusta, Me.]

The Trustees of the Lithgow Library and Reading-room Association of Augusta, Me., invite the submission of plans for a library building, to be built of granite and erected at Augusta, Me., to cost twenty-five thousand dollars (\$25,000).

Plans to be submitted by the 15th of June, 1893. The terms of submission and details, as far as determined upon by the Trustees, will be furnished upon application to the Secretary.

LENDALL TITCOMB, Secretary,

910

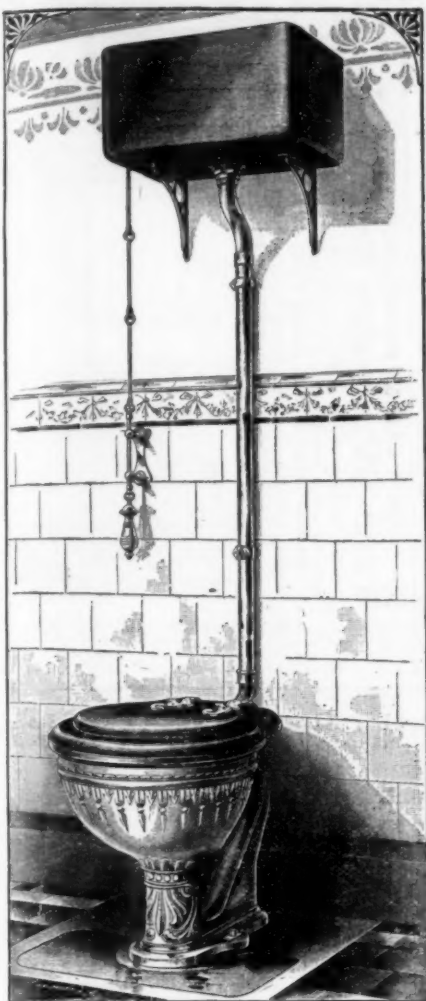
Augusta, Me.

COURT-HOUSE.

[At Rochester, N. Y.]

Preliminary plans for a new fireproof court-house to be built at the City of Rochester, N. Y., will be received by the Building Committee of the Board of Supervisors of Monroe County, subject to the following rules and specifications:

1. The building shall be erected upon the site occupied by the present court-house, and shall be rectangular in shape and front 140.08 feet upon the south side of West Main Street and be not more than 190 feet deep.



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(Patent applied for.)

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To the sanitary and mechanical advantages of the "PERFECTO" Seat must be added that of its artistic appearance; in this respect it marks a distinct improvement over Closets which have heretofore been made with the Seat the same size and shape as the bowl, the effect of which is most unsatisfactory and but little removed from that of an ordinary Hopper Closet.

COMPETITIONS.

2. The committee will select five from the plans submitted, for which the sum of \$300 each will be paid, but the right to reject any or all plans submitted is expressly reserved.

3. All plans submitted shall remain with the Building Committee until final action shall have been taken by the Board of Supervisors upon the report of such committee; and the Board of Supervisors shall have the use of the five selected plans until the construction of such building, upon the finally adopted plan, shall have been begun.

4. All plans shall be line-drawings in India-ink, upon plain white paper or Bristol-board, to a uniform scale of eight feet to the inch, and shall consist of floor plans and geometric line elevations of the four sides, without shading or color of any kind, except the sections of the walls may be blacked. A letter of description may be submitted with any plan upon any point which it may not be possible to accurately show upon such plans.

5. All plans shall be subscribed by the person submitting the same, who shall furnish with such plans an estimate of the cost of construction of the building upon the plan submitted by him, which shall not exceed \$500,000, exclusive of plumbing and heating. The compensation for all architectural service and the superintendence of the erection of such building shall not exceed three per cent of the cost thereof.

6. It is desirable that said building should provide for the following offices and rooms: a county clerk's office; a county treasurer's office; a sheriff's office; a district attorney's office, to consist of at least three rooms and a stenographer's room; a surrogate's office, to consist of at least three rooms beside a court-room; two Supreme-Court rooms, with two jury-rooms and a judge's chamber annexed to each; two county court rooms, with two jury-rooms and a judge's chamber annexed to each; a special-term room, with a judge's chamber annexed; a general-term room, with a consultation-room annexed; a law library; a grand-jury room, with at least two witness-rooms annexed; a supervisor's room, with two committee-rooms and an office for the clerk annexed; two elevators; necessary closets; a superintendent's room; a main entrance on Main Street and an entrance from the west side of the building.

7. It is recommended that said building be constructed of stone, not less than five stories in height; and that the county clerk be given an entire half of the first floor for his office, and that the county treasurer and surrogate, and the sheriff, if practicable, be also located upon the first floor; and that the county-court rooms be upon the second floor; the Circuit-Court rooms upon the third floor; and the general and special term rooms and the law library be contiguous, and upon the fourth floor of the building.

8. A competent expert will be employed, if necessary, to assist the committee in the selection of the five plans above named.

9. Each set of drawings, with accompanying letter of description, if any, to be in a sealed envelope or portfolio, and directed to the chairman of this committee, and deposited in the office of the treasurer of Monroe County on or before 2 o'clock P. M., May 20, 1893, after which no further plans will be received, and at which time all plans submitted will be opened and those not in accordance with the foregoing will be culled out and discarded.

COMPETITION.

10. After the opening of the plans submitted as above, no direct or indirect private conferences are to be allowed with any competitor, or any one in his behalf, by any member of the committee.

ROCHESTER, N. Y., April 12, 1893.

LYMAN M. OTIS, *Chairman.*
 WM. W. ARMSTRONG, *Secretary.*
 GEO. A. GOSH,
 EDWARD ENGELHARDT,
 C. G. STARKWEATHER, JR.,
 HENRY OBERLIES,
 LUTHER A. PRATT,
 CHAS. F. GOTTSCHALK,
 ALBERT P. BEERIE,
 WM. N. GALLUP, *Committee.*

905

NOTE.—The foregoing preliminary plans are hereby amended by striking out the words, "five stories," in the first line of Section 7, and inserting in place thereof the words, "four stories." And also by adding the words, "and a rear entrance," at the end of Section 6.

Rochester, N. Y., April 19, 1893.

LYMAN M. OTIS, *Chairman.*

PROPOSALS.

Proposals for Bronze, Iron and Sheet-copper Work. Office of Building for Library of Congress, 145 East Capitol Street, Washington, D. C., April 21, 1893. Separate sealed proposals will be received at this office until two o'clock P. M. on Wednesday, the third day of May, 1893, and opened immediately thereafter in presence of bidders, for furnishing, delivering and putting in place complete, on the dome and lantern of the Building for Library of Congress in this city, the two following classes of work, namely: 1. The bronze gallery deck, balustrade back and capping around the lantern, and the galvanized iron and bronze framework for ornamental sheet-copper work. 2. The ornamental sheet-copper work. Specifications, general instructions and conditions and blank forms of proposal may be obtained on application to this office. BERNARD R. GREEN, Superintendent and Engineer.

905

Treasury Department, Office Supervising Architect, Washington, D. C., April 19, 1893. Sealed proposals will be received at this office until 2 o'clock P. M. on the 16th day of May, 1893, and opened immediately thereafter, for all the labor and materials required for the cut-stone work and brickwork of the superstructure of the United States Court-house, Custom-house and Post-office building at Omaha, Neb., in accordance with the drawings and specification, copies of which may be had at this office, or the office of the Superintendent, at Omaha, Neb. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids, and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes, sealed, and marked "Proposal for Cut-stone Work and Brickwork of the Super-

PROPOSALS.

structure of the United States Court-house, Custom-house and Post-office building at Omaha, Neb., and addressed to W. J. EDBROOKE, Supervising Architect.

906

Treasury Department, Office Supervising Architect, Washington, D. C., April 15, 1893. Sealed proposals will be received at this office until 2 o'clock P. M. on the 9th day of May, 1893, and opened immediately thereafter, for all the labor and materials required to put in place complete the basement columns, first-floor beams, girders, etc., for the United States Post-office, Court-house and Custom-house at Milwaukee, Wisconsin, in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent, at Milwaukee, Wisconsin. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids, and to waive any defect or informality in any bid, should it be deemed in the interest of the Government to do so. All bids received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes, sealed, and marked "Proposal for Basement Columns, First-floor Beams, Girders, etc., for the United States Post-office, Court-house and Custom-house at Milwaukee, Wisconsin," and addressed to W. J. EDBROOKE, Supervising Architect.

905

Treasury Department, Office Supervising Architect, Washington, D. C., April 12, 1893. Sealed proposals will be received at this office until 2 o'clock P. M. on the 5th day of May, 1893, and opened immediately thereafter, for all the labor and materials required for the interior finish of the United States Post-office building at Canton, Ohio, including plumbing, lathing, furring, plastering, wood stairs, marble-work, joinery-work, wood-flooring, glass, hardware, painting, polishing, etc., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent, at Canton, Ohio. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids, and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes, sealed, and marked "Proposal for Interior Finish of the United States Post-office Building at Canton, Ohio," and addressed to W. J. EDBROOKE, Supervising Architect.

905

Office of Light-house Engineer, Fifth District, Baltimore, Md., April 7, 1893. Sealed proposals will be received at this office until 2 o'clock P. M. of Wednesday, the 17th day of May, 1893, for furnishing the materials and labor of all kinds necessary for the completion, delivery and erection, at the sites of the metal-work of Cape Charles and Hog Island Light-towers, Va., for a fixed sum for each light-tower, or for an aggregate sum for both towers. The bids most advantageous to the United States Government will be accepted. Plans, specifications, forms of proposal and other information may be obtained on application to this office. The right is reserved to reject any or all bids and to waive any defects. ERIC BERGLAND, Captain of Engineers, U. S. A., Light-house Engineer, Fifth District.

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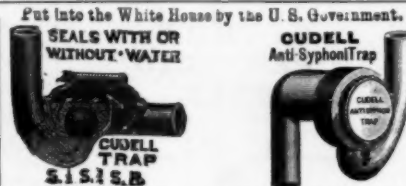
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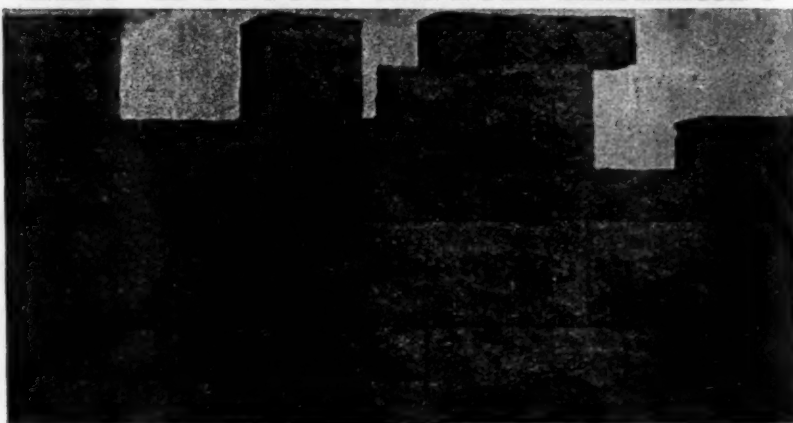
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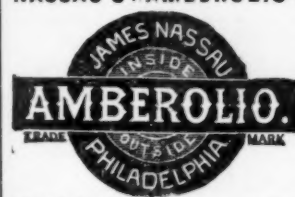
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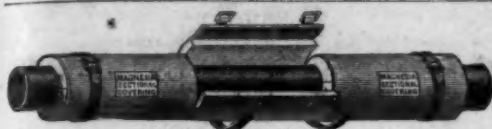
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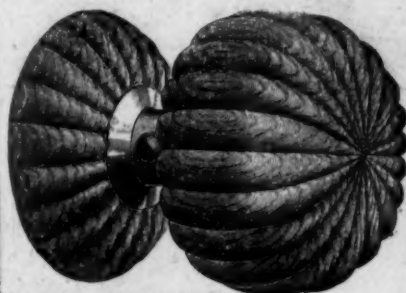
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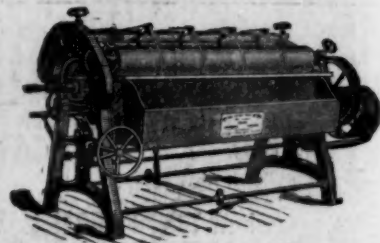
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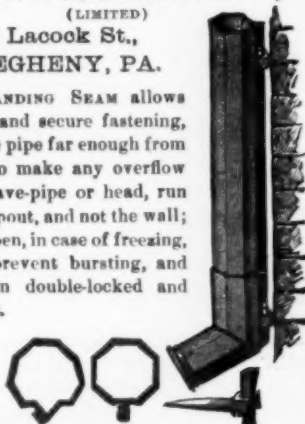
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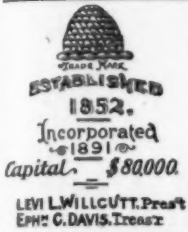
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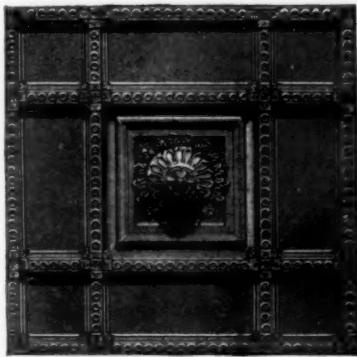
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write to the sole makers,
THE CUTLER MFG. CO., ROCHESTER, N. Y.
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KINNEAR'S PATENT

Steel Ceiling, Wainscoting, Etc.



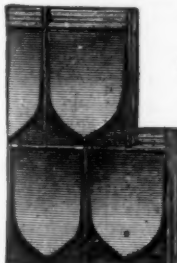
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Our "Victoria" Shingle,
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we have added a smaller
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Catalogue and Prices on
Application.

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VINERIES,

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94 Union St., BOSTON, MASS.

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LUMBER.—P. M.

Boards: (Ordinary dimensions.)

Pine, 1st quality, clear.....

" 2d quality.....

" 3d quality.....

Spruce.....

Hemlock.....

Yellow pine.....

Cypress.....

Clapboards:

Pine.....

Spruce.....

Framing Timber:

Pine.....

Spruce.....

Hemlock.....

Yellow pine.....

Laths:

Pine.....

Spruce.....

Shingles:

Pine, shaved.....P. M.....

Pine, sawed.....

Spruce, sawed.....

Redwood.....

Cedar split.....P. M.....

Cedar sawed.....

Cypress, Split.....7 x 24. "

Miscellaneous:

Piles.....

Fence pickets, Common.....

Cedar posts, 9 ft. (sq. posts.).....

Chestnut posts.....

Finishing Woods: P. M. (First Qual.)

Ash.....

Cherry.....

Butternut.....

Hard-pine floors (rift).....

Mahogany, Baywood [Mexican].....

Maple.....

Oak, red.....

" white.....

" quartered.....

Sycamore quartered.....

Pine, clear.....

Redwood.....

Rosewood.....P. M.....

Spruce floors (clear, kiln-dried).....

Walnut, black.....

Whitewood.....

Yellow pine.....P. M.....

New York.

(Wholesale Prices.)

65 00 @ 75 00

65 00 @ 60 00

18 00 @ 22 00

@ 25 00

ea 134 @ 14

20 @ 40

@

@

@

@

14 00 @ 18 00

12 00 @ 16 00

18 00 @ 21 00

@

@ 2 25

@ 2 50

@

5 00 @ 6 00

4 00 @ 5 00

1 50 @ 2 00

1 40 @ 1 60

@

@

18 00 @ 20 00

44 @ 54

8 00 @ 10 00

@

@

@

@ 55 00

80 00 @ 120 00

40 00 @ 60 00

@ 50 00

@ 70 00

@ 90 00

@ 180 00

@ 350 00

45 00 @ 50 00

@ 70 00

@ 16 00

@ 65 00

50 00 @ 65 00

65 00 @ 70 00

60 00 @ 70 00

@ 6

125 00 @ 150 00

45 00 @ 50 00

@ 45 00

Boston.

(Prices to Builders and Contractors.)

55 00 @ 70 00

42 00 @ 50 00

35 00 @ 40 00

14 50 @ 25 00

13 00 @ 15 00

25 00 @ 35 00

31 00 @ 40 00

38 00 @ 60 00

23 00 @ 38 00

15 50 @ 18 00

13 00 @ 15 00

22 00 @ 35 00

2 25 @ 2 50

2 35 @ 3 00

@

4 50

1 50 @ 00

3 75 @ 4 00

@

2 00 @ 4 00

5 00 @ 6 00

10 00 @ 18 00

25 @ 50

25 @ 50

45 00 @ 60 00

90 00 @ 120 00

60 00 @ 70 00

45 00 @ 50 00

150 00 @ 180 00

120 00 @ 350 00

45 00 @ 50 00

50 00 @ 50 00

50 00 @ 55 00

65 00 @ 75 00

50 00 @ 65 00

50 00 @ 75 00

40 00 @ 45 00

60 00 @ 70 00

32 00 @ 35 00

85 00 @ 120 00

40 00 @ 45 00

40 00 @ 42 00

Chicago.

(Prices to Builders and Contractors.)

42 00 @ 50 00

27 00 @ 38 00

14 00 @ 20 00

Not sold.

@ 12 00

21 00 @ 34 00

18 00 @ 24 00

19 00 @ 24 00

Not sold.

12 00 @ 17 50

Not sold.

10 00 @ 13 00

24 00 @ 34 00

@ 2 65

Not sold.

2 40 @ 3 15

Not sold.

6 00 @ 7 50

Not sold.

2 60 @ 2 75

3 50 @ 4 00

9 00 @ 13 00

40 @ 1 25

20 @ 30

Not sold.

14 00 @ 30 00

35 00 @ 90 00

17 00 @ 35 00

110 00 @ 170 00

300 00 @ 250 00

12 00 @ 20 00

17 00 @ 27 00

16 00 @ 28 00

34 00 @ 40 00

25 00 @ 28 00

33 00 @ 50 00

40 00 @ 45 00

per M. 600 00

42 50 @ 47 50

200 00 @ 400 00

25 00 @ 55 00

42 50 @ 55 00

45 00 @ 55 00

60 00 @ 75 00

87 50 @ 65 00

@ 65 00

60 00 @ 75 00

50 00 @ 170 00

25 00 @ 40 00

@ 42 00

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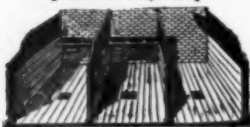
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Also made from 5-32 and 1-8 wire.

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BUILDING MATERIALS.

Reported for the American Architect and Building News.

	New York.	Boston.	Chicago.	Philadelphia.
BRICK.—P. M.				
Common: Cargo afloat.				In Yard.
Pale.....	2 00 @ 2 50	Eastern } 9 00 @ 10 00 }	Building Brick	Sq. Hard @ 9 00
Jersey.....	5 00 @ 5 50	Bay State Hard	" @ 9 00	" @ 7 00
Long Island.....		7 00 @ 8 00	Domestic Com.	Salmon @ 5 00
Up River.....	4 75 @ 5 50	9 50 @ 10 00	Indiana Pressed	Sq. " @ 9 00
Haverstraw Bay 2d.....	5 00 @ 5 25	Domestic Face	14 00 @ 20 00	Light Stretchers @ 10 00
" 1st.....	5 50 @ 5 75	20 00 @ 22 00	St. Louis Fronts	Medium " @ 12 00
Hollow.....	@ 13 00		@ 27 00	Red " @ 12 00
Fronts:				Dark " @ 13 00
Croton, Brown.....	@ 12 00		15 00 @ 27 00	Pressed " @ 13 00
" dark.....	@ 13 00		65 00 @ 350 00	Best Paving @ 20 00
" red.....	@ 13 00		45 00 @ 50 00	Second " @ 14 00
Chicago pressed (Anderson).....			25 00 @	Third " @ 13 00
" Moulded.....			60 00 @ 100 00	Dom. { @ 65
Baltimore.....	37 00 @ 41 00		30 @	BS&Co 2 75 @ 3 00
Philadelphia.....	23 00 @ 24 00		35 @	2 85 @ 3 25
Trenton.....	@ 19 00		55 00 @ 65 00	2 85 @ 3 15
Milwaukee.....				2 75 @ 2 85
Moulded:				
Glens Falls Red Pressed.....	@ 37 00			Hemmoor 2 50 @ 2 75
" " Buff.....	@ 30 00			2 75 @ 2 85
" " Moulded Red & Buff	45 00 @ 70 00			Josson 2 60 @ 2 75
Enamelled: Imp.				3 00 @ 3 25
Enamelled (edge).....	85 00 @ 100 00			2 75 @ 2 85
Enamelled (edge and end).....	90 00 @ 115 00			
CEMENT, LIME, etc.—(P. M.)				
Rosendale Cement.....	1 00 @ 1 10	1 15 @ 1 25	Not sold.	White Lime P bush 25 @ 30
Louisville.....		Brooks, S. & Co.	1 05 @ 1 15	White Mash { 1 25 @ 1 50
Utica, Akron, Buffalo, Milw'kee.	Not sold.	2 40 @ 2 75	1 00 @ 1 10	1 00 @ 1 10
Portland, English (Gibbs).....	2 25 @ 2 50	2 40 @ 2 75	3 00 @ 3 10	
" " (K. B. & S.).....	2 50 @ 3 00	2 40 @ 2 75	3 00 @ 3 25	
" " Black Cross.....	2 25 @ 2 50	2 40 @ 2 75	3 00 @ 3 25	
" " (Burnham).....	2 50 @ 2 50	2 40 @ 2 75	2 90 @ 3 15	
" " (White's).....	2 55 @ 3 00	2 40 @ 2 75	3 00 @ 3 25	
" " French (Lafarge).....	3 00 @ 3 75	@ 5 00	3 75 @ 4 25	
" " German (Alsen).....	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	
" " (Fowler).....	2 25 @ 2 40		3 20 @ 3 40	
" " (Vorwöhler).....	2 50 @ 2 90			
" " (Lagerdofer).....	2 60 @ 2 90	Cleopatra	2 75 @ 3 00	
" " (Dryckerhoff).....	2 50 @ 3 00	3 00 @ 3 50	3 25 @ 3 50	
" " (Hanover).....	2 35 @ 2 45	Condor 2 50 @ 2 75	Not sold.	
" " Stettin (Anchor).....	2 15 @ 2 25	Wedge 2 40 @ 2 75	Not sold.	
" " American (Saylor's).....	2 75 @ 3 00	2 15 @ 2 50	2 00 @ 2 70	
Roman.....	4 50 @ 5 00	@ 3 50	2 75 @ 3 25	
Keene's coarse.....	5 00 @ 5 50	@ 6 00	6 00 @ 7 00	
" superfine.....		7 00 @ 9 00	9 00 @ 10 50	
Lime:				
Lime of Teil.....	3 50 @ 4 00			
Hydraulic Lime.....	@ 1 45	@ 1 35		
Chicago Lime in bulk.....		St. John 1 00		
Wisconsin Lime.....	@ 85	@ 1 05		
Rockland and Rockport, (Dom.).....	@ 95	@ 1 10		
Rockland and Rockport, finish.....	@ 1 20	@ 1 30		
Kelley Island Lime, finish.....	80 @ 85	Not sold.		
State, com. cargo rates (nom.).....	1 05 @ 1 10	Not sold.		
" (casting).....	1 40 @ 1 50	1 85 @ 2 00		
Plaster of Paris (calcined).....	@ 1 60	@ 2 25		
" (Goat).....	16 @ 18	25 @ 30		
Hair (Cattle) P bush.....	18 @ 21	@ 30		
Sand, P load.....	1 00 @ 1 25	1 75 @ 1 90		
STONE. (P. cubic foot, rough.)				
Granite: (Maine)		@ 60		
Limestone:				
Bedford.....	45 @ 1 25	95 @ 1 00	50 @	
Joliet.....	1 00		35 @ 55	
Lemont.....			35 @ 60	
Serpentine.....		10 50 per ton	@ 1 00	

OKONITE INSULATED ELECTRIC LIGHT WIRES.



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BUILDING MATERIALS.

New York.

Boston.

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Philadelphia.

Foundation:

Wholesale Prices.)

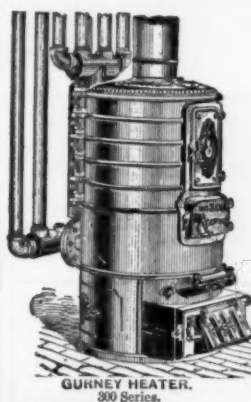
(Prices to Builders and Contractors,

Dimension.....	500	500	500	500
Block.....	400	400	400	400
Bubble.....	125	125	125	125
Finestone: (P sq. ft.)				
Sidewalk.....	30	40	75	100
Planed.....	50	60	75	100
Sandstone:				
Longmeadow.....	80	90	90	90
Kibbe.....	90	90	110	110
Brown (Connecticut).....	100	125	145	145
Amherst Ohio.....	90	90	100	100
Berea.....	75	85	90	90
Berlin.....	75	80	90	90
Belleville.....	80	125	135	135
New Brunswick (Dorchester).....	90	100	100	100
Cazen.....	90	100	100	100
Carlisle, English.....	90	105	105	105
Corse Hill (Scotch).....	90	105	105	105
Marble: (P cu. ft.)				
Lee, Mass.....	90	175	250	250
Rutland, white and blue.....	125	175	300	300
Sutherland Falls.....	125	175	200	200
Glens Falls, black.....	90	90	90	90
Italian, blue-veined.....	90	90	90	90
" Sienna.....	90	90	90	90
Tennessee, red.....	90	90	90	90
" Knoxville.....	90	90	90	90
Pennsylvania, blue.....	90	90	90	90
Vermont, white.....	90	90	90	90
State: Roofing (P square):				
" green.....	500	475	525	525
" unfading.....	500	500	650	650
" purple.....	500	500	650	650
" red.....	500	1000	1100	1100
" black, Lehigh.....	425	475	475	475
" Chapmans.....	550	800	800	800
" Unfading black, Monson, Me.....	550	800	800	800
Tiles, Am.....	90	90	90	90
N. Peach Bottom, warranted unfading.....	90	90	90	90

PAINTS: (P gal.)				
White lead, Am.....	7	7	7	7
" zinc.....	5	5	5	5
Red lead, Am.....	6	6	6	6
" Venetian.....	6	6	6	6
" Vermillion.....	65	70	70	70
" Indian, Eng.....	12	20	20	20
Yellow Ochre.....	6	15	15	15
" Chrome.....	12	20	20	20
Green (chrome).....	8	13	13	13
Green, Paris.....	25	40	40	40
Black, lamp.....	15	25	25	25
Blue, ultramarine.....	12	18	18	18
Oil, linseed, (raw).....	55	62	62	62
" boiled.....	55	65	65	65
Turpentine.....	36	37	37	37
Varnish, coach.....	90	90	90	90
Shellac.....	90	90	90	90
Putty.....	2	2	2	2
Whiting.....	75	100	100	100
Paris white, (Eng).....	130	200	200	200
Litharge, Am.....	5	6	6	6
Sienna (burnt).....	14	20	20	20
Umber.....	14	20	20	20
HARDWARE:				
Nails: (Per Cask.) Spikes, (sawtooth).....	285	285	285	285
10d. common.....	285	285	285	285
Shingle.....	485	485	485	485
Lathe.....	90	90	90	90
(Finishing nails according to size).....	90	90	90	90
(For casing nails add 75 c. per keg).....	90	90	90	90
Butts: 4" x 4".....	100	120	120	120
Plain.....	100	120	120	120
Japaned.....	150	175	175	175
Acorn, Japaned.....	150	190	190	190
Ball Tip, Boston Finish.....	65	65	65	65
Bronze metal.....	190	190	190	190
Brass (for cupboards).....	10	10	10	10
Ebony.....	90	90	90	90
Apple wood.....	90	90	90	90
Knobs: (P set.)				
Mineral, best.....	8	8	8	8
Lava.....	50	75	75	75
Hemlock.....	Not Sold.	17	33	33
Porcelain.....	30	30	30	30
Glass, solid.....	Not Sold.	50	50	50
Glass, silvered.....	Not Sold.	88	100	100
Bronze metal.....	75	200	200	200
Brass.....	100	250	250	250
Solder:				
Sheet Lead.....	90	90	90	90
Lead Pipe.....	90	90	90	90
Iron:				
I-Beams, up to and including 30 ft.....	33-10	34	34-10	34
do. over 30 ft., 1 c. adv. for every 5 ft.....	33-10	34	34-10	34
Channel Beams.....	33-10	34	34-10	34

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Boston, Mass. — This week there has been an advance of one cent per gallon in the price of turpentine.



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cloth back, thereby promot-
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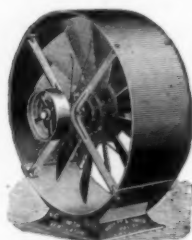
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— AND —

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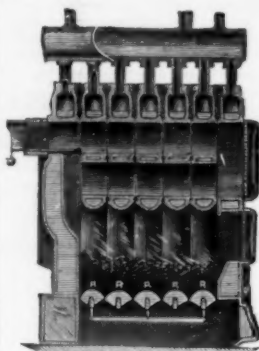
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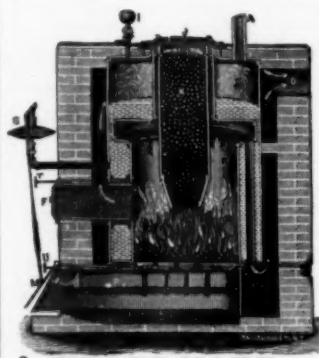
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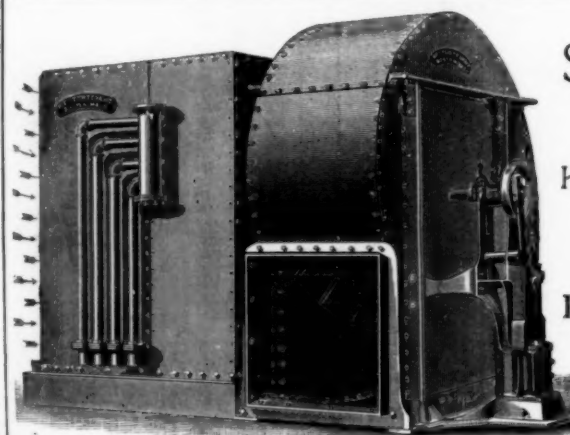
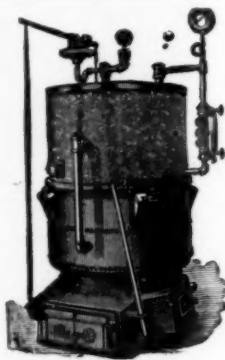
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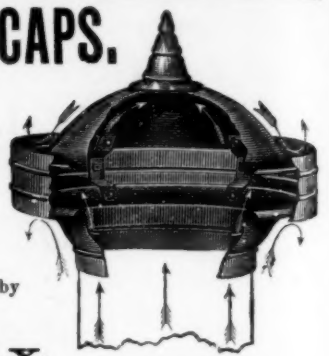
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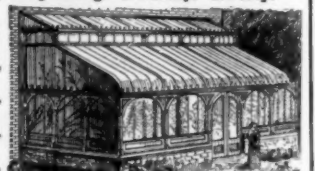
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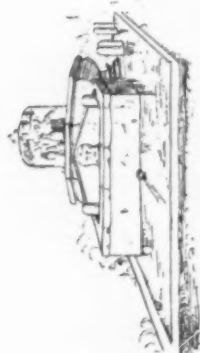
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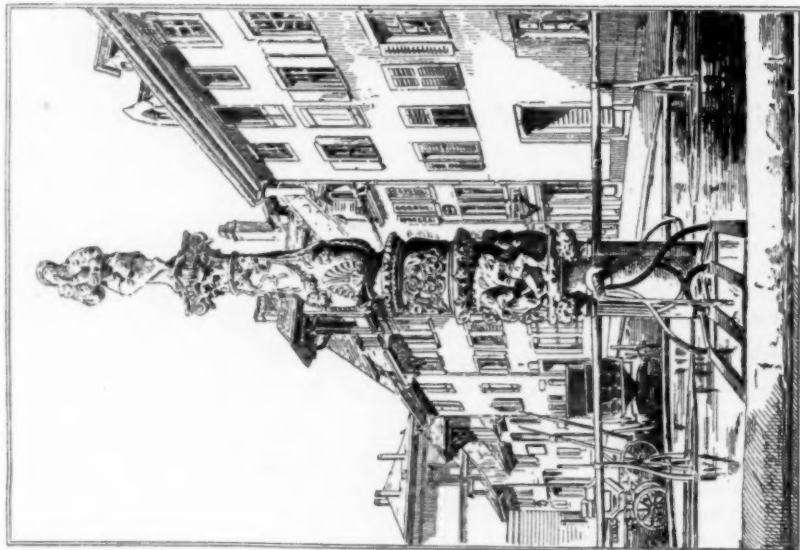
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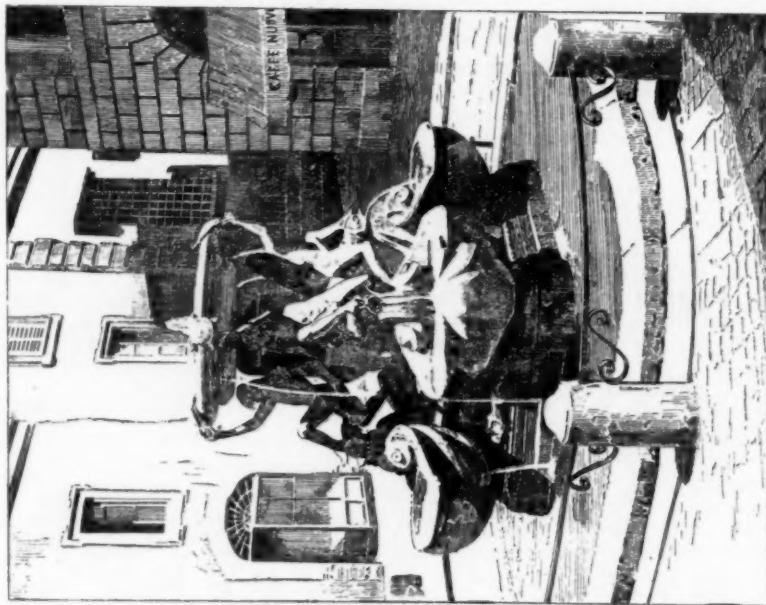
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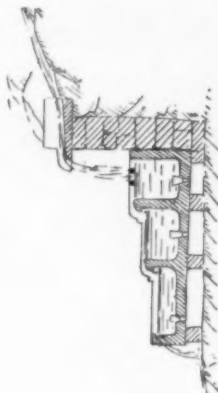
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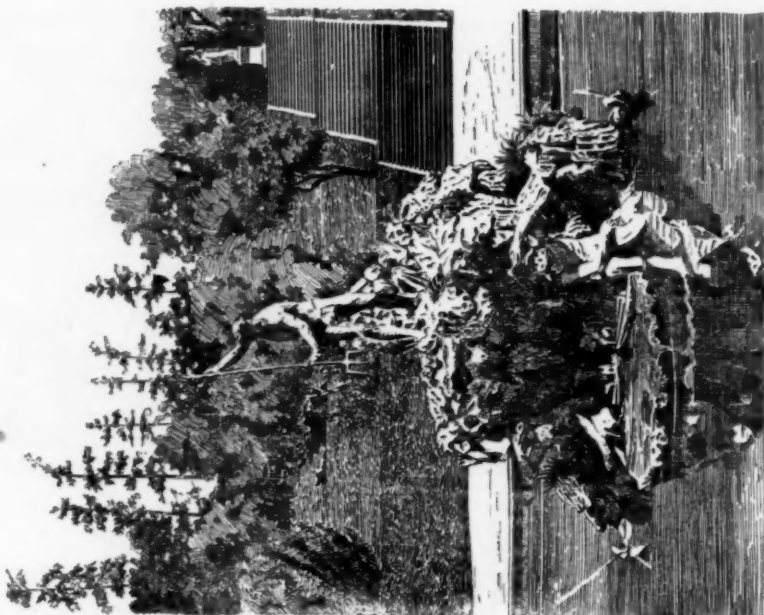
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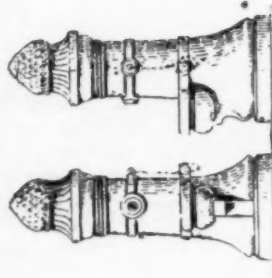
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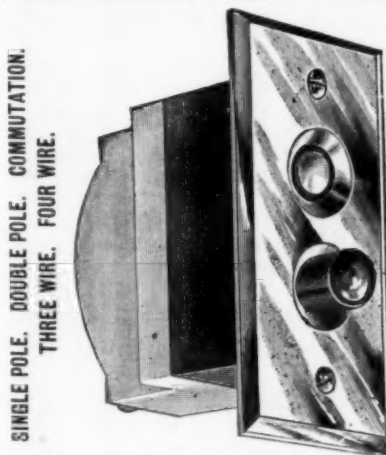
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[This Table localizes only the main groups. For a full enumeration of advertisements see Classified Index on pages vii, xii, and cxiii.]

(Continued on page xv.)

VARNISH IN ARCHITECTURE.

FRAILTY.

By way of symbolizing something lacking in permanence and durability, the writer recently overheard a party say "as frail as varnish." This was a poor illustration however, and serves to show how little the general public know about varnish. If they knew how tough and durable the right varnish is if rightly used, the word would never be employed as a synonym for frailty.

We are just now thinking more particularly of varnish in its relation to natural wood finishing. If a poor or inappropriate varnish is used for the interior wood-work of a building, the finish produced will be of such a fleeting nature that the term "frail" might aptly be applied to the varnish. If on the other hand genuine Hard Oil Finish is used the term "frail" would be an absolute misnomer, as the finish produced will be not only the best attainable but of extreme durability as well.

It should be remembered that Hard Oil Finish is made only by us although the name is extensively counterfeited, so that it should always appear in the specifications "BERRY BROTHERS" HARD OIL FINISH."

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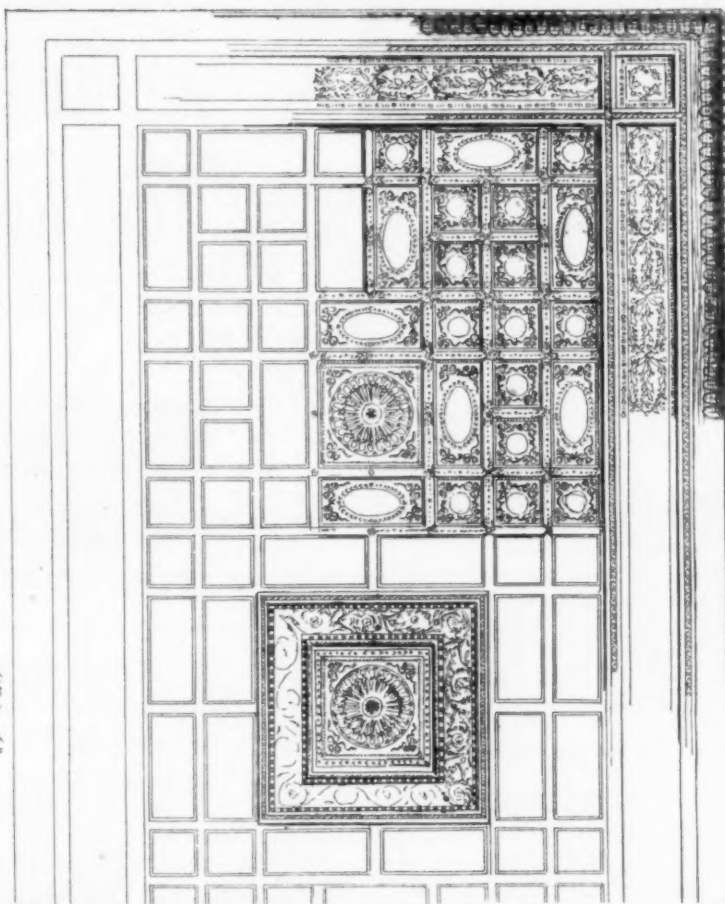
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Superior to wood or any other lathing material. Strength, durability and economy secured at once. The fire risk reduced to a minimum. Made of

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No contraction or expansion, consequently no cracks or falling plaster. Easily applied without stretching or furring, making perfect key and solid work. Write for illustrated Catalogue No. 29, containing valuable facts about the various uses of expanded metal.

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CHICAGO OFFICE: 99 Washington Street, Room 27.

BUILDING INTELLIGENCE.

architect, H. L. Harris, 280 Broadway, New York City.
Chicago, Ill. — A. Snelof, two-st'y addition, 108 Iowa St.; cost, \$3,000.
Hotel Bordeaux, one-st'y addition, 339 Michigan Ave.; cost, \$3,500.
German Hospital, four-st'y addition, 83 Grant Pl.; cost, \$14,000.
Board of Education, two-st'y addition to school-house, Evergreen and Robey Sts.; cost, \$25,000.
Joseph Williams, two-st'y addition, 529 Dudley St.; cost, \$3,500.
J. Rusoor, one-st'y addition, 138 Liberty St.; cost, \$6,000.
Croset & Matt, two-st'y addition, 376 Twenty-second St.; cost, \$3,000.
Bohr Greer, one-st'y addition, 6100-6110 Stony Island Ave.; cost, \$3,500.

CHURCHES.

Allegheny, Allegheny Co., Pa. — Bidwell St., brick and stone church; architects, Riddle & Keim.

BUILDING INTELLIGENCE.

HOUSES.

Camden, N. J. — Royden and Seventh Sts., 11 two-st'y brick dwells.; owner, Aaron Ward.
Twelve three-st'y brick dwells.; owner, George Hall.
Twenty two-st'y brick dwells.; owners, D. L. Moore & Bro.
Chicago, Ill. — Charles Wainright, 2 two-st'y dwells., 6731-6733 Emerald Ave.; cost, \$3,600.
L. D. Bristol, seven cottages, 6021-6035 and 6041-6059 Cottage Grove Ave.; cost, \$3,000.
Ed. Beal, 3 two-st'y dwells., 7926-7928 Ontario Ave.; cost, \$4,000.
Louis Henry, six cottages, 1025, 1027 and 1043 East Woolson St.; cost, \$9,000.
Louis Henry, five cottages, 909-917 George St.; cost, \$7,500.
N. Larson, three cottages, 149-153 Rhine St.; cost, \$4,500.
Cincinnati, O. — J. F. Furste, two-and-one-half-st'y brick and stone dwell., s s York St.; cost, \$4,000; architect, Emil Baude.

Iron-Work.

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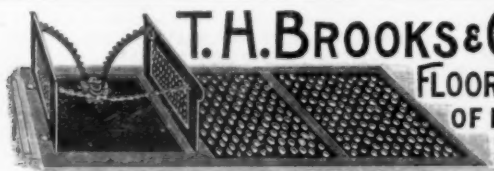
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CHICAGO.



BUILDING INTELLIGENCE.

Mrs. Gesharett, two-and-one-half-st'y brick and stone dwell., s w Westwood St.; cost, \$3,500; architect, Martin Fisher.
John Stafford, two-and-one-half-st'y frame dwell., s w Grand Ave.; cost, \$3,500.
Wm. Koerke, two-and-one-half-st'y frame dwell., s e Ohio Ave.; cost, \$3,700; architect, Wm. Meyer.
J. J. Baas, two-and-one-half-st'y double frame dwell., s e Eastern Ave.; cost, \$2,600; architect, E. A. Elston.
Nicholas Diehl, two-and-one-half-st'y brick and stone dwell., s e Calhoun St.; cost, \$3,000; architects, Reig & Marty.
John Houck, three-st'y brick and stone dwell., s e Race St.; cost, \$4,000; architect, J. Reuchert.
Teresa Grucelilio, four-st'y brick and stone dwell., Fourth and Baymiller Sts.; cost, \$6,000; architects, Reig & Marty.
John O'Brien, two-and-one-half-st'y brick and stone dwell., 527 State Ave.; cost, \$3,500; architect, S. Pickett.
George Gillfillen, two-and-one-half-st'y brick and stone dwell., s w Williamson Pl.; cost, \$2,500; architect, Frank Gillfillen.
C. Klaysmeyer, two-and-one-half-st'y brick and stone dwell., s s Elderon Ave.
Mrs. A. Bepler, three-st'y brick and stone dwell., Calhoun & Corry Sts.; cost, \$5,000; architect, Sam. Hannaford.
H. Ketterer, two-and-one-half-st'y brick and stone dwell., s e Jefferson St.; cost, \$4,000; architect, Martin Fisher.
August Munn, brick and stone dwell. and offices, 1086 Vine St.; cost, \$4,000; architects, Reig & Marty.
August Herman, two-and-one-half-st'y brick and stone dwell., s s Hollister St.; cost, \$8,500; architect, Sam. Hannaford.
Mary Theiving, 6 one-and-one-half-st'y frame dwell., s e Borden St.; cost, \$6,000; architect, A. J. Theiving.
T. J. & J. J. Emery, 2 two-and-one-half-st'y double frame dwell., s e Gilbert Ave.; cost, \$8,000; architect, J. G. Steinkamp.
Conshohocken, Montgomery Co., Pa. — Brick dwell.; owner, E. J. Morris Wood.
Doyleford, Pa. — Brick and slate dwell. for Dallas Sanders; builder, W. H. Burns, Berwyn, Pa.
Landsdowne, Delaware Co., Pa. — Owen Ave., double frame dwell.; owner, Edgar T. Bishop.
Lebanon, Lebanon Co., Pa. — Dwells. will be built by John Carmany and Jacob M. Gingrich.

BUILDING INTELLIGENCE.

Nineveh, Green Co., Pa. — Dwell. will be built by George C. Day.
Philadelphia, Pa. — Broad St., bet. Susquehanna Ave. and Diamond St., 4 four-st'y brownstone and English redstone dwell., tile roofs; owners, N. Snellenburg & Co.; architect, Wm. H. MacCollin, 913 Walnut St.
Hoffman St., n and s s, w Eighteenth St., 56 two-st'y brick and stone dwell.; owner, Charles B. Prettyman.
Walnut and Forty-fourth Sts., several rows of three-st'y brick and stone dwell.; owner, James C. Lynch.
Moore St., n s, w Eighteenth St., 6 three-st'y brick and marble dwell.; owner, Timothy Gallagher.
Eighteenth St., w s, s Morris St., 17 three-st'y brick and marble dwell.; owner, Timothy Gallagher.
Hancock St., w s, n Cambria St., 6 two-st'y brick dwell.; owner, T. W. Smaltz.
Rathrop St., e s, n Cambria St., 4 two-st'y brick dwell.; owner, T. W. Smaltz.
Cambria St., n s, w Hancock St., 2 two-st'y brick dwell.; owner, T. W. Smaltz.
Nineteenth St., e and w s, n York St., 64 three-st'y brick dwell.; owner, Frank H. Rhodes.
Gratz St., e and w s, n York St., 67 two-st'y brick dwell.; owner, Frank H. Rhodes.
Walnut St., No. 313, two-st'y brick dwell.; owners, Sharp & Day.
Florence St., w s, s Ninth St., 5 two-st'y frame dwell.; owner, George E. Stubbs.
Wakefield St., e s, s Cedar St., two-st'y brick dwell.; builder, A. Gray, 4738 Mulberry St.
Woodland Ave. and Eighth St., two-and-one-half-st'y frame dwell.; owner, Herman Shutz.
Thompson St., Nos. 404-405, 2 two-st'y brick dwell.; owner, Wm. Magee, 1112 Palmer St.
School St., s s, bet. Green and Wayne Sts., Twenty-second Ward, 2 three-st'y brick dwell.; builder, John D. Caldwell.
Marshall St., e s, s Erie Ave., 3 two-st'y brick dwell.; owner, Harry Brickelhurst.
Thirty-second and one-half St., e s, n Diamond St., 22 two-st'y brick and brownstone dwell.; owners, James H. Stevenson & Son.
Wharton St., n s, w Twenty-eighth St., 3 two-st'y brick dwell.; builder, Hugh Gayner.
Ohio St., n s, s Spencer Ave., Twenty-second Ward, 6 two-st'y brick dwell.; owner, Thos. Kennedy.
Federal St., s s, w Eighth St., 3 three-st'y brick and stone dwell.; owner, Michael Whelen.
Snyder Ave., n s, e Thirtieth St., 4 three-st'y stone and brick dwell.; owner, Michael Whelen.

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Manufacture all their products, both in

WROUGHT-IRON AND OPEN-HEARTH STEEL,
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BUILDING INTELLIGENCE.

Harvey St., w s, n w Green, Twenty-second Ward, three-st'y stone dwell.; owner, Thos. M. Seeds, Jr.
Clearfield St., n s, bet. Windom and Custer Sts., 7 two-st'y brick dwell.; owner, Wm. F. Cox.
Franklin St., w s, s Indiana Ave., 5 two-st'y brick dwell.; owners, Woelfel & Schmunk.
Ashland St., e s, n Tacony St., 4 two-st'y brick dwell.; owner, John Miller, 3919 Pike St.
Bridge St., n s, w Jackson St., two-st'y brick dwell.; builders, Davis & McDonald, Cedar Hill.
Sixteenth St., w s, n Huntingdon St., 27 three-st'y brick dwell.; owner, W. G. Serrill, Fifteenth St. and Lehigh Ave.
Huntingdon St., n s, w Sixteenth St., 23 three-st'y brick dwell.; owner, W. G. Serrill, Fifteenth St. and Lehigh Ave.
York St., s s, w Garnet St., 6 three-st'y brick dwell.; builder, Wm. Blair, 2357 North Twentieth St.
Twenty-seventh St., n s, n Dauphin St., three-st'y brick dwell.; builder, Frank McEntee, 2322 North Twenty-seventh St.
Maraton St., e s, n Jefferson St., two-st'y brick dwell.; builder, Robert Brown, 1240 North Twenty-sixth St.
Pittsburgh, Pa. — Liberty St., brick dwell.; owner, Wm. Jacobs.
Ward St., brick dwell.; owner, E. J. Evans.
Ward St., several dwell.; owner, C. F. Ahlers.
Reading, Pa. — Elm St., s s, e Twelfth St., 6 three-st'y brick twin dwell., slate roofs; architect, Edw. K. Mull, 304 Schuylkill Ave.
Sixth St., w s, n Greenwich St., 4 two-st'y brick dwell., mansard roofs; architect, Edw. K. Mull, 304 Schuylkill Ave.
Baltimore St., n s, w Second St., 15 three-st'y brick and brownstone dwell., slate roofs; architect, Edw. K. Mull, 304 Schuylkill Ave.
Mass St., s e cor. Robeson St., three-st'y brick dwell. and store, tin roof; architect, Edw. K. Mull, 304 Schuylkill Ave.
Red Bank, Monmouth Co., N. J. — Cottage; owner, Benj. Ford.
Smithfield, Fayette Co., Pa. — Brick dwell.; owner, Rev. Wm. Richards.
Spring City, Chester Co., Pa. — Dwell.; owner, Howard Lukens.
Worcester, Mass. — Cortland St., one-and-one-half-st'y frame dwell.; owner and contractor, W. H. Joslyn.
Lancaster St., two-st'y private frame dwell.; owner, H. J. Russell; architect, W. H. Harvey; contractor, W. E. Putnam.
Dean St., two-st'y frame dwell.; owner, J. C. Cutter; contractor, W. E. Putnam.
Millbury St., three-st'y frame dwell.; owner, O. Berthlance; contractor, J. A. Courtmanche.
Beacon St., two-st'y frame dwell.; owner, Mrs. Owen Hagan; contractor, J. A. McDermott; architects, Barker & Nourse.
Windsor St., two-st'y frame dwell.; owner and contractor, H. B. Pender.
June St., two-st'y frame dwell.; owner, Geo. P. Dixon; contractor, T. M. Anderson.
Pink St., three-st'y frame dwell.; owner and contractor, C. A. Vaughn.
Alpine St., three-st'y frame dwell.; owner, P. Rolander; contractors, Nilson & Silven.
Louis St., two-and-one-half-st'y frame dwell.; owner, A. Damstrom; contractors, Nilson & Silven.
Louis St., two-and-one-half-st'y frame dwell.; owner, A. Johnson; contractors, Nilson & Silven.
Upsala St., two-and-one-half-st'y frame dwell.;

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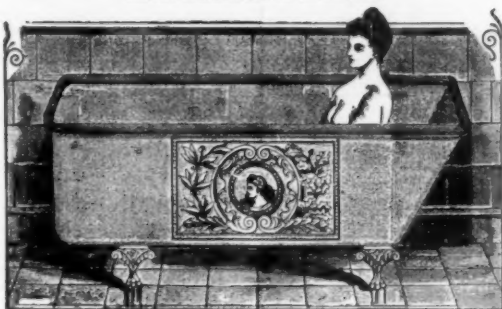
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See the *Inland Architect* for April, 1893; the *Manufacturer and Builder* for January, 1893; the *Scientific American* for January 7, 1893; the *American Architect* for March 4, 1893; *Stone* for March, 1893; the *Architects' and Builders' Edition of the Scientific American* for February, 1893; etc.

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BUILDING INTELLIGENCE.

owner, A. Hjerpe; contractors, Nilson & Silven.
Milbury St., three-sty frame dwell.; owner, E. P. Smith; contractor, W. O. Burns.
Murray Ave., three-sty frame dwell.; owner and contractor, P. H. Larkin.
Canterbury St., three-sty frame dwell.; owner, J. Hannigan; contractor, P. H. Larkin.
Southgate St., three-sty frame dwell.; owner, F. Wichtman; day work.

PUBLIC BUILDINGS.

Chester, Delaware Co., Pa. — *Broad St.*, plans for a new free library building; committee, Hugh Shaw, J. Wm. Lewis and Miss Laura Hard.

SCHOOL-HOUSES.

Georgetown, Ky. — Three-sty brick and stone college building, to cost about \$30,000, will be built.
New York, N. Y. — *Lexington Ave.*, w s, 1027 s Seventy-seventh St., five-sty brick school, tin roof; cost, \$50,000; owner, German Hospital, 352 West Thirty-third St.; architects, Wm. Schickel & Co., 246 Fifth Ave.

Philadelphia, Pa. — *Thirtieth St.*, w s, n Susquehanna Ave., three-sty brick school-house; builder, P. H. Somerset, 1513 North Twelfth St.

STABLES.

Boston, Mass. — *Richfield St.*, rear, No. 7, Ward 24, one-sty frame stable, 20' x 35'; owner, Harry Haylor; builder, W. J. Jobling.
Bloomington St., No. 4, rear, Ward 24, one-sty frame stable, pitch roof, 14' x 20'; owner, Nellie M. Cahill; builders, Pents & Verge.
Brookfield St., near Roberts St., Ward 23, one-sty frame stable, pitch roof, 18' x 22'; owner, M. M. Herbert.

Brooklyn, N. Y. — *Lexington Ave.*, n s, 2687 e Patchen Ave., two-sty brick stable and dwell., tin roof; cost, \$4,000; owner, H. J. Wehman, Green Ave., near Patchen Ave.; architect, W. B. Willis, 504 Hart St.

Camden, N. J. — *City lot*, e Twelfth St., two-sty frame stable; owner, S. A. Kilpatrick.

City lot, e Federal St., one-sty frame stable; owner, Hancock Ice Co., 118 North Twelfth St.

Atlantic Ave. and Tenth St., frame stable; owner, C. Sanders.

Berkle St., No. 420, rear, two-sty brick stable; owner, Wm. Severns.

Market St., No. 42, two-sty brick stable; owner, Dr. M. F. Middleton.

New York, N. Y. — *East One Hundred and Twenty-sixth St.*, No. 153, three-sty stable, tin roof; cost, \$8,000; owner, Joseph Kohn, 2003 Madison Ave.; architects, Edw. Kenny & Son, 259 Ninth St., Brooklyn, N. Y.

First Ave., No. 1094, four-sty brick stable, tin roof; cost, \$17,000; owner, Patrick Coultfield, 1098 First Ave.; architect, Franklin Baylies, 51 and 52 Bible House.

West Forty-sixth St., No. 145, three-sty brick stable, tin roof; cost, \$5,000; owner, Thomas Ogle, 145 West Forty-sixth St.; architects, Berg & Clark, 10 West Twenty-third St.

Philadelphia, Pa. — *Wayne St.*, near Tulpehocken St., Germantown, one-sty stable, slate roof; architects, Hazellhurst and Huckel, 910 Drexel Building.

Market St., e Thirty-eighth St., one-sty brick stable; owners, Weber & Sullivan, Bull's Head Hotel.

E Ave., s e cor. Eighty-second St., two-sty brick stable; builder, J. E. Stephe, Seventy-second St. and Gray's Ferry Ave.

Main St., w s, a Murray St., two-sty brick stable; owner, Chas. Kohl, Bustleton.

Somerton Pike, cor. Cranberry Road, two-sty brick stable; owner, Henry Stevens, Somerton.

North Third St., No. 2619, two-sty brick stable; builder, Wm. Freiling, 2617 North Third St.

Park St., s s, w Twenty-second St., one-sty brick stable; builder, Jacob R. Garbar.

Oakland Ave., No. 8046, one-sty brick stable; owner, Job Walls, 8046 Oakland Ave.

Carlisle St., e s, n Westmoreland St., three-sty brick stable; owner, Kenton Hallowell, 3318 North Broad St.

BUILDING INTELLIGENCE.

Chester Ave., No. 6931, one-sty brick stable; owner, Geo. Broomall, 6931 Chester Ave.
Buckins St., n s, e Woodbine St., two-sty brick stable; owner, D. C. Plass, Chelton Ave. and Chew St.

Cedar St., n s, w Manayunk Ave., two-sty brick stable; owner, John F. Boyle, 4136 Manayunk Ave.
Westmoreland St., s s, e Amber St., two-sty brick stable; builders, Robt. Beatty & Bro., 2321 Townsend St.

Passyunk Ave., No. 1415, two-sty brick stable; owner, John Latora, 724 Eneu St.

MISCELLANEOUS.

New York, N. Y. — *Eldridge St.*, n w cor. Rivington St., six-sty brick workshop, tin roof; cost, \$12,000; owners, McCool & Mills, 1856 Lexington Ave.; architect, Walter H. C. Hornum, 181 East One Hundred and Twenty-first St.

COMPETITIONS.

COMPETITION.

The German American
Insurance Company
of New York invites

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Plans to be submitted on or before
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For further particulars address

JAS. A. THOMAS,

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COURT-HOUSE.

[At Rochester, N. Y.]

ROCHESTER, N. Y., May 2, 1893.

To whom it may concern: —
The Building Committee of the Board of Supervisors of Monroe County, N. Y., hereby gives notice that the date for the submission of preliminary plans

MOORE'S GAS JET VENTILATOR.



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HAINES, JONES & CADBURY CO.,
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COMPETITIONS.

for the new court-house at Rochester, N. Y., under the specifications heretofore published, has been postponed from May 20, 1893, at 2 o'clock P. M., to June 1, 1893, at 2 o'clock P. M.

LYMAN M. OTIS, Chairman,
WILLIAM W. ARMSTRONG, Secretary.

907

LIBRARY BUILDING.

[At Augusta, Me.]

The Trustees of the Lithgow Library and Reading-room Association of Augusta, Me., invite the submission of plans for a library building, to be built of granite and erected at Augusta, Me., to cost twenty-five thousand dollars (\$25,000).

Plans to be submitted by the 15th of June, 1893. The terms of submission and details, as far as determined upon by the Trustees, will be furnished upon application to the Secretary.

LENDALL TITCOMB, Secretary,

910

Augusta, Me.

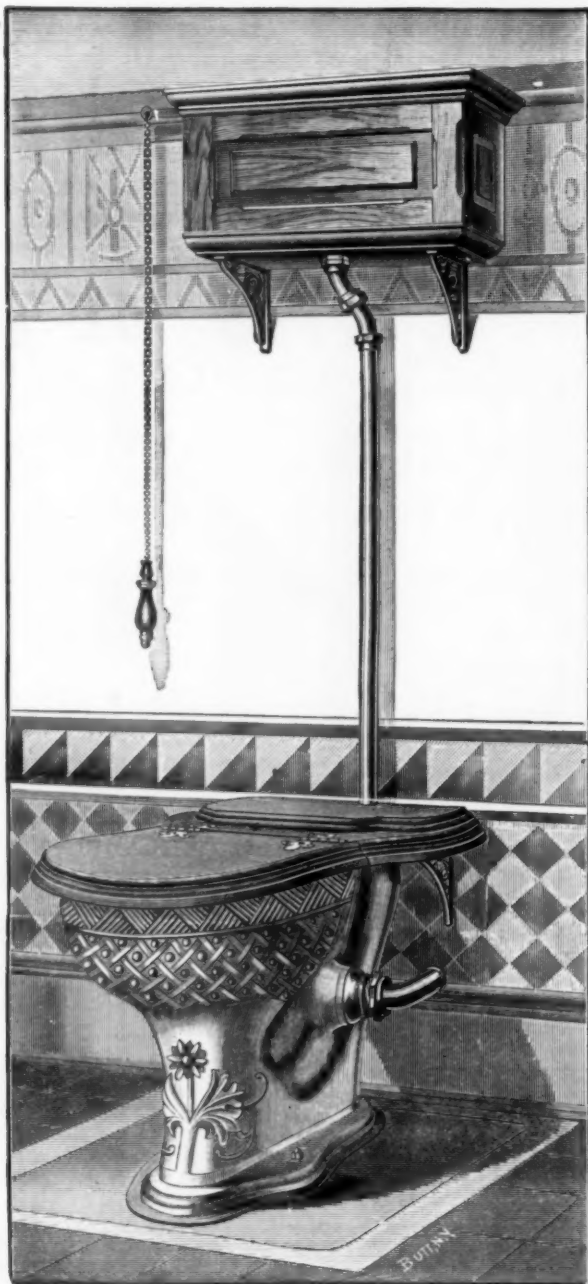
PROPOSALS.

Treasury Department, Office Supervising Architect, Washington, D. C., April 19, 1893. Sealed proposals will be received at this office until 2 o'clock P. M. on the 16th day of May, 1893, and opened immediately thereafter, for all the labor and materials required for the cut-stone work and brickwork of the superstructure of the United States Court-house, Custom-house and Post-office building at Omaha, Neb., in accordance with the drawings and specification, copies of which may be had at this office, or the office of the Superintendent at Omaha, Neb. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids, and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes, sealed, and marked "Proposal for Cut-stone Work and Brickwork of the Superstructure of the United States Court-house, Custom-house and Post-office building at Omaha, Neb.," and addressed to W. J. EDBROOKE, Supervising Architect.

Office of Light-house Engineer, Fifth District, Baltimore, Md., April 7, 1893. Sealed proposals will be received at this office until 2 o'clock P. M. of Wednesday, the 17th day of May, 1893, for furnishing the materials and labor of all kinds necessary for the completion, delivery and erection, at the sites, of the metal-work of Cape Charles and Hog Island Light-towers, Va., for a fixed sum for each light-tower, or for an aggregate sum for both towers. The bids most advantageous to the United States Government will be accepted. Plans, specifications, forms of proposal and other information may be obtained on application to this office. The right is reserved to reject any or all bids and to waive any defects. ERIC BERGLAND, Captain of Engineers, U. S. A., Light-house Engineer, Fifth District.

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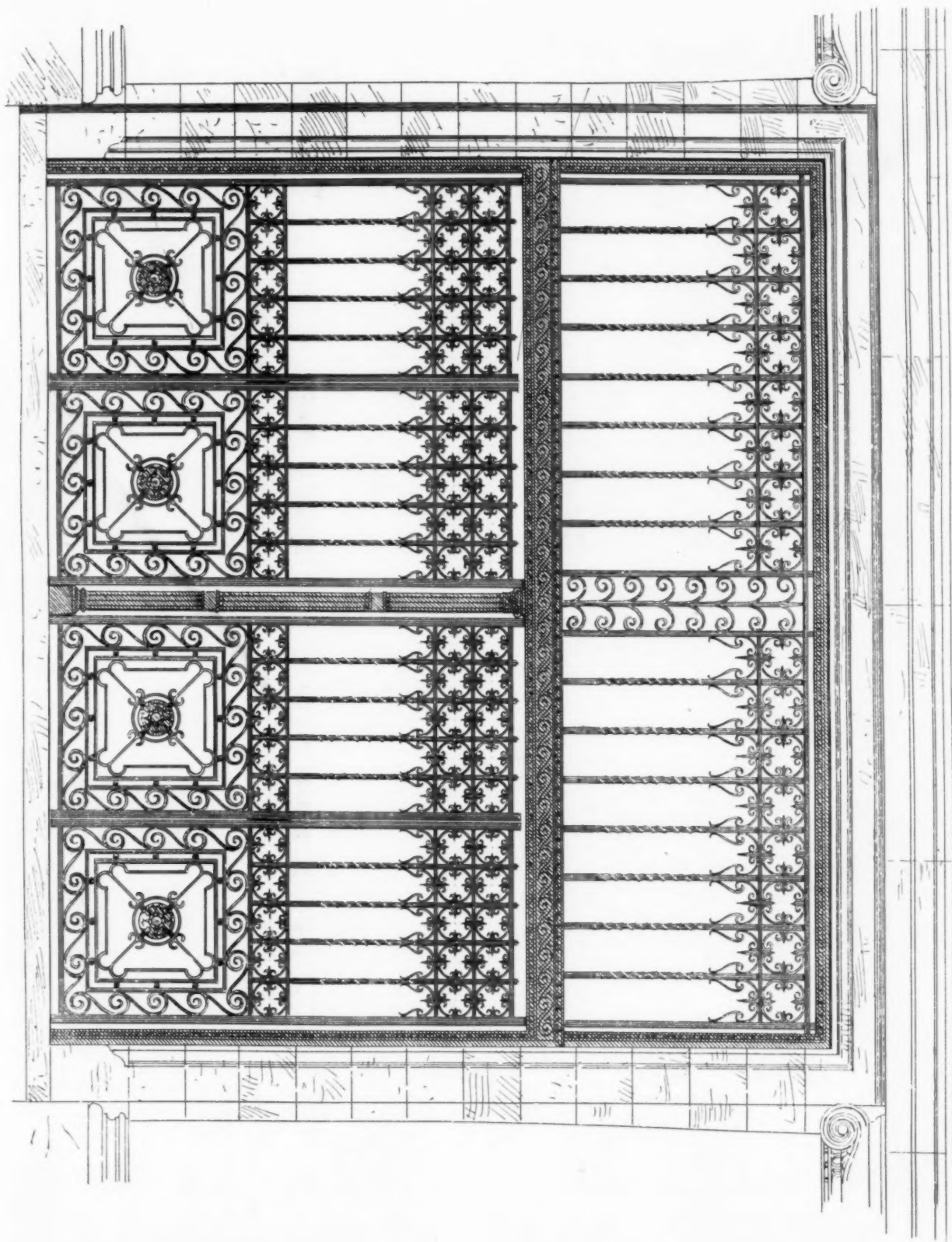
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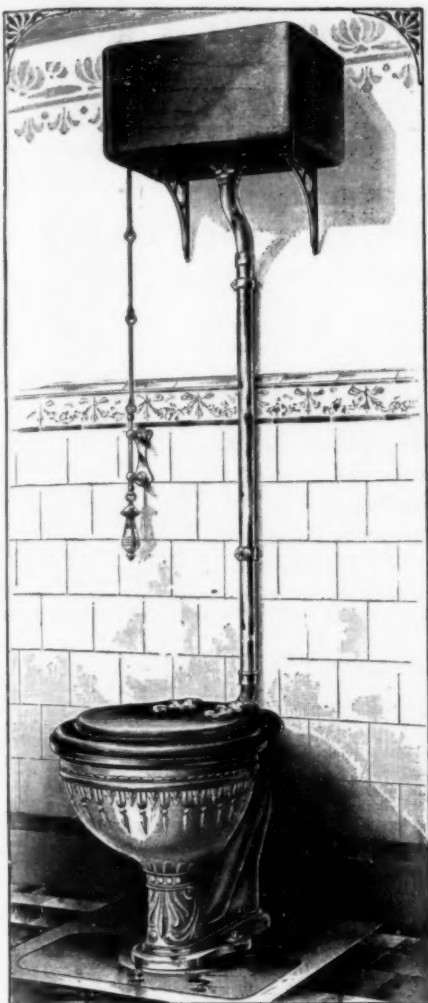


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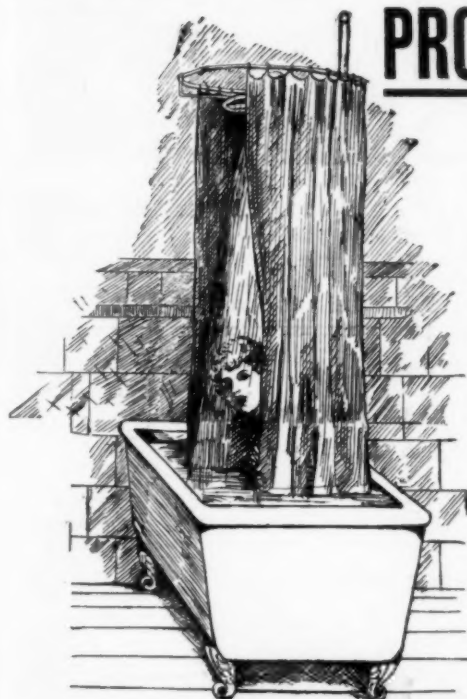
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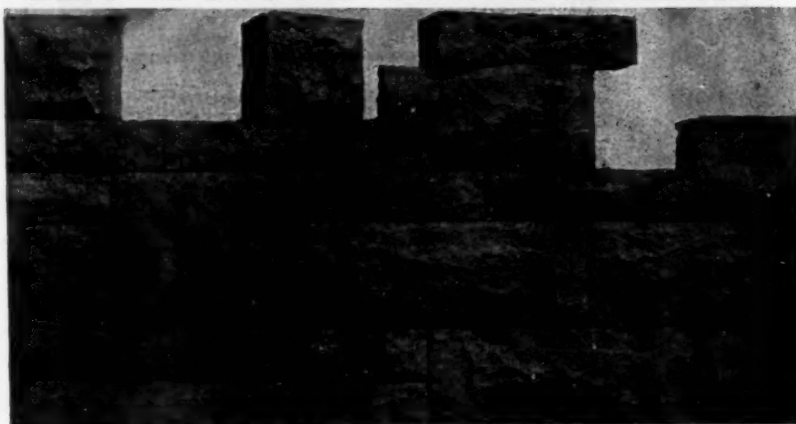
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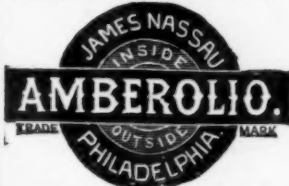
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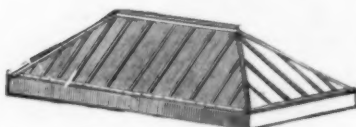
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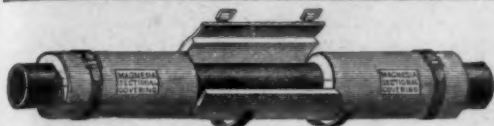
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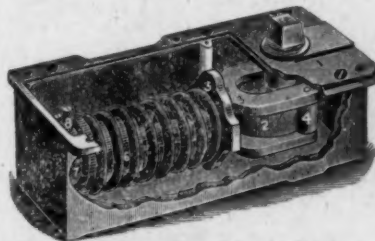
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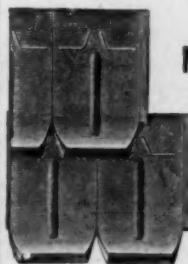
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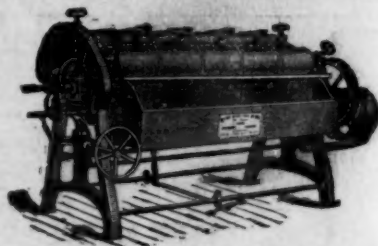
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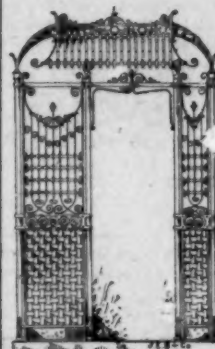
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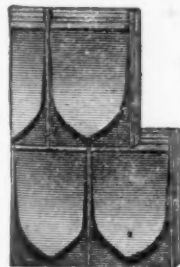
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" 2d quality.....
" 3d quality.....
Spruce.....
Hemlock.....
Yellow pine.....
Cypress.....

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Pine.....
Spruce.....

Framing Timber:

Pine.....
Spruce.....
Hemlock.....
Yellow pine.....

Laths:

Pine.....
Spruce.....

Shingles:

Pine, shaved..... P. M.....
Pine, sawed.....
Spruce, sawed.....
Redwood.....
Cedar split..... P. M.....
Cedar sawed.....
Cypress, Split..... 7 x 24. "

Miscellaneous:

Piles..... P. ft.....
Fence pickets, Common.....
Cedar posts, 9 ft. (sq. posts.).....
Chestnut posts.....

Finishing Woods: P. M. (Kiln-dried.)

Ash.....
Cherry.....
Butternut.....
Hard-pine floors (rift).....
Mahogany, Baywood (Mexican).....
" St. Domingo.....
Maple.....
Oak, red.....
" white.....
" quartered.....
Sycamore quartered.....
Pine, clear.....
Redwood.....
Rosewood.....
Spruce floors (clear, kiln-dried).....
Walnut, black.....
Whitewood.....
Yellow pine..... P. M.....

New York.

Boston.

Chicago.

Philadelphia.

(Wholesale Prices.)

(Prices to Builders and Contractors.)

65 00 @ 75 00	55 00 @ 70 00	42 00 @ 50 00	48 00 @ 55 00
55 00 @ 60 00	42 00 @ 50 00	27 00 @ 38 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	14 50 @ 25 00	Not sold.	16 00 @ 20 00
on 13 @ 14	13 00 @ 15 00	@ 12 00	11 25 @ 13 50
20 @ 40	25 00 @ 35 00	21 00 @ 34 00	14 00 @ 29 00
@	31 00 @ 40 00	18 00 @ 34 00	@ 35 00
@	38 00 @ 60 00	19 00 @ 24 00	14 00 @ 25 00
@	23 00 @ 38 00	Not sold.	Not sold.
14 00 @ 18 00	15 50 @ 18 00	12 00 @ 17 50	25 00 @ 37 30
12 00 @ 16 00	13 00 @ 15 00	Not sold.	16 00 @ 18 00
18 00 @ 21 00	22 00 @ 35 00	10 00 @ 13 00	13 00 @ 17 00
@	2 25 @ 2 50	24 00 @ 34 00	22 00 @ 28 00
@ 2 50	2 35 @ 3 00	@ 2 85	2 75 @ 3 00
5 00 @ 6 00	@	Not sold.	2 30 @ 3 00
4 00 @ 5 00	@ 4 50	2 60 @ 3 15	
1 50 @ 2 00	1 50 @ 00	Not sold.	
1 40 @ 1 60	3 75 @ 4 00	6 00 @ 7 50	
@	@	Not sold.	
@	2 00 @ 4 00	2 60 @ 2 75	
18 00 @ 20 00	5 00 @ 6 00	3 50 @ 4 00	
4 @ 5	Piles 6c. P. ft.	Cut to order.	
8 00 @ 10 00	10 00 @ 18 00	P. 10 00 @ 22 00	9 00 @ 13 00
@	25 @ 50	9 @ 21	40 @ 1 25
@	25 @ 50	Not sold.	20 @ 30
@ 55 00	45 00 @ 60 00	14 00 @ 30 00	42 50 @ 47 50
80 00 @ 120 00	90 00 @ 120 00	35 00 @ 90 00	100 00 @ 120 00
40 00 @ 60 00	60 00 @ 70 00	17 00 @ 35 00	70 00 @ 80 00
@ 180 00	45 00 @ 50 00		
@ 350 00	150 00 @ 160 00	110 00 @ 170 00	150 00 @ 250 00
45 00 @ 50 00	120 00 @ 350 00	200 00 @ 250 00	200 00 @ 400 00
@ 70 00	45 00 @ 50 00	12 00 @ 20 00	25 00 @ 55 00
@ 70 00	@ 50 00	17 00 @ 27 00	42 50 @ 55 00
@ 90 00	50 00 @ 55 00	16 00 @ 28 00	45 00 @ 55 00
	65 00 @ 70 00	34 00 @ 40 00	60 00 @ 75 00
	60 00 @ 70 00	25 00 @ 28 00	57 50 @ 65 00
	@ 6	33 00 @ 50 00	@ 65 00
		40 00 @ 45 00	60 00 @ 75 00
		per M. 000 00	
	32 00 @ 35 00		
	85 00 @ 120 00	40 00 @ 75 00	50 00 @ 170 00
125 00 @ 150 00	40 00 @ 45 00	14 00 @ 30 00	25 00 @ 40 00
45 00 @ 50 00	40 00 @ 42 00	31 00 @ 34 00	@ 42 00

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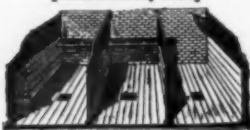
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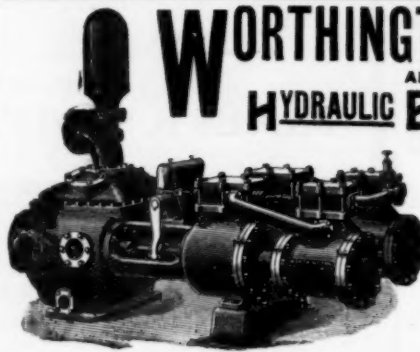
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Reported for the American Architect and Building News.

	New York.	Boston.	Chicago.	Philadelphia.
	(Wholesale Prices.)	(Prices to Builders and Contractors.)		
BRICK.—P. M.				
Common: Cargo afloat.				
Pale.....	2 00 @ 2 50	Eastern } 9 00 @ 10 00 }	Building Brick	In Yard.
Jersey.....	5 00 @ 5 50		Bay State Hard	Sq. Hard @ 9 00
Long Island.....	@ 5 50			Salmon @ 7 00
Up River.....	4 75 @ 5 50	7 00 @ 8 00		Sq. " @ 5 00
Haverstraw Bay 2d.....	5 00 @ 5 25	Domestic Com.	Indiana Pressed	Light Stretchers @ 9 00
" 1st.....	5 50 @ 5 75	9 50 @ 10 00	14 00 @ 20 00	Medium " @ 10 00
Hollow.....	@ 13 00	Domestic Face	St. Louis Fronts	Red " @ 12 00
Fronts:		20 00 @ 22 00		Dark " @ 13 00
Croton, Brown.....	@ 12 00	Philadelphia }		Pressed " @ 13 00
" dark.....	@ 13 00	40 00 @ 45 00 }		Best Paving 18 00 @ 20 00
" red.....	@ 13 00	Phila. mould }		Second " @ 14 00
Chicago pressed (Anderson).....		50 00 @ 80 00 }		Third " @ 12 00
" Moulded.....				Dom. { @ 65
Baltimore.....	37 00 @ 41 00			@ 8
Philadelphia.....	23 00 @ 24 00			
Trenton.....	@ 19 00			
Milwaukee.....				
Moulded:				
Glens Falls Red Pressed.....	@ 37 00			
" " Buff.....	@ 30 00			
" " Moulded Red & Buff	45 00 @ 70 00			
Enamelled: Imp.				
Enamelled (edge).....	85 00 @ 100 00			
Enamelled (edge and end).....	90 00 @ 115 00			
CEMENT, LIME, etc.—(P. cash.)				
Rosendale Cement.....	1 00 @ 1 10	1 15 @ 1 25	Not sold.	1 30 @ 1 50
Louisville.....		Brooks, S. & Co.	1 05 @ 1 15	BS&Co 2 75 @ 3 00
Utica, Akron, Buffalo, Millwhee.	Not sold.	2 40 @ 2 75	1 00 @ 1 10	2 85 @ 3 25
Portland, English (Gibbs).....	2 25 @ 2 50	2 40 @ 2 75	3 00 @ 3 10	2 85 @ 3 15
" " (K. B. & S.).....	2 50 @ 3 00	2 40 @ 2 75	3 00 @ 3 25	2 85 @ 3 15
" " Black Cross.....	2 25 @ 2 50	2 40 @ 2 75	3 00 @ 3 25	2 85 @ 3 15
" " (Burnham).....	2 80 @ 2 50	2 40 @ 2 75	2 90 @ 3 15	2 75 @ 2 85
" " (White's).....	2 65 @ 3 00	2 40 @ 2 75	3 00 @ 3 25	
" French (Lafarge).....	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	
" German (Alsen).....	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	
" " (Power).....	2 25 @ 2 40		3 20 @ 3 40	
" " (Vorwöhler).....	2 50 @ 2 90			
" " (Lagerdofer).....	@ 2 90			
" " (Dyckerhoff).....	2 60 @ 2 90	2 40 @ 2 75	2 75 @ 3 00	
" " (Hanover).....	2 35 @ 3 00	3 00 @ 3 50	3 25 @ 3 50	
" " Stettin, (Anchor)	2 50 @ 2 85	Condor 2 50 @ 2 75	Not sold.	
" American (Saylor's).....	2 15 @ 2 25	Wedge 2 40 @ 2 75	Not sold.	
Roman.....	2 75 @ 3 00	2 15 @ 2 50	2 60 @ 2 70	
Keene's coarse.....	4 50 @ 5 30	@ 6 00	3 00 @ 3 50	
" superfine.....	5 00 @ 5 50	7 00 @ 9 00	6 00 @ 7 00	
Lime:			9 00 @ 10 50	
Lime of Tell.....	3 50 @ 4 00			
Hydraulic Lime.....	@ 1 45	@ 1 35	Not sold.	
Chicago Lime in bulk.....		St. John 1 00	60 @ 70	
Wisconsin Lime.....	@ 85	@ 1 05	60 @	
Rockland and Rockport, (Com.)..	@ 95	@ 1 10	Not sold.	
Rockland and Rockport, finish.....	@ 1 20	@ 1 20	Not sold.	
Kelley Island Lime, finish.....	80 @ 85	Not sold.	1 00 bulk, 75c.	
State, com. cargo rates (nom.).....	1 05 @ 1 10	Not sold.	Not sold.	
Plaster of Paris (calcined).....	1 40 @ 1 50	1 85 @ 2 00	1 85 @ 1 90	
" (casting).....	@ 1 60	@ 2 25	1 85 @ 1 90	
Hair (Cattle) P bush.....	16 @ 18	25 @ 30	16 @ 20	
" (Goat).....	18 @ 21	@ 30	30 @ 35	
Sand, P load.....	1 00 @ 1 25	1 75 @ 1 90	@ 60	
STONE. (P cubic foot, rough.)				
Granite: (Maine)		@ 60		
Limestone:				
Bedford.....	45 @ 1 25	95 @ 1 00	50 @	
Joliet.....	1 00		35 @ 55	
Lemont.....			35 @ 60	
Serpentine.....			@ 1 00	
		10 50 per ton		

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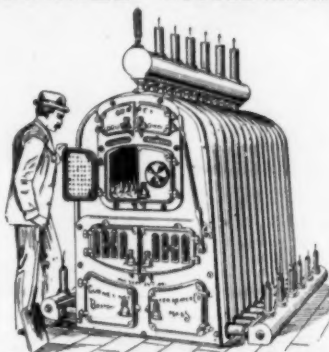
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Foundation:

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(Prices to Builders and Contractors.

Dimension.....	500	500	20	500
Block.....	460	460	460	460
Rubble.....	125	125	850	145
Bluestone: (P sq. ft.)				
Sidewalk.....	30	40	75	1 in. th. 10
Planed.....	50	75	50	37
Sandstone:				
Longmeadow.....	80	80		95
Kibbe.....	90	90		105
Brown (Connecticut).....	100	125	150	85
Amherst Ohio.....	90	90	45	55
Berea.....	75	85	45	55
Berlin.....	75	80	55	85
Belleville.....	80	125		100
New Brunswick (Dorchester).....	100	75		105
Caen.....	105	200		125
Carlisle, English.....	105	105		95
Corse Hill (Scotch).....	105	105		95
Marble: (P cu. ft.)				
Lee, Mass.....		175	Not Sold.	200
Rutland, white and blue.....		300	350	200
Sutherland Falls.....	125	200	350	170
Glens Falls, black.....			Not Sold.	400
Italian, blue-veined.....			440	250
Sienna.....			440	500
Tennessee, red.....			440	400
Knoxville.....			440	300
Pennsylvania, blue.....			Not Sold.	200
Vermont, white.....			350	225
Slate: Roofing (P square).				
green.....	500	475	550	230
unfading.....	600	525	650	325
purple.....	500	550	650	350
red.....	500	550	650	350
black, Lehigh.....	425	1000	1200	500
Chapmans.....	475		625	525
Unfading black, Monson, Me.....	550	800	900	600
Tiles, Am			Not Sold.	600
N. Peach Bottom, warranted unfading.				675
PAINTS. (In Oil P lb.)				
White lead, Am.....	7	64	7	74
Red lead, Am.....	5	8	5	104
Venetian.....	64	7	64	7
Vermillion.....	6	104	14	24
Indian, Eng.....	65	70	65	68
Yellow Ochre.....	12	20	12	20
Chrome.....	6	15	7	15
Green (chrome).....	12	20	15	25
Green, Paris.....	8	13	8	20
Black, lamp.....	25	40	18	35
Blue, ultramarine.....	12	18	12	35
Oil, linseed, (raw).....	55	62	57	60
boiled.....	58	65	60	63
Turpentine.....	38	37	40	42
Varnish, coach.....		150	125	200
Shellac.....		250	225	400
Putty.....	2	4	2	4
Whiting.....	75	100	1	2
Paris white, (Eng.).....	130	200	1	2
Litharge, Am.....	14	20	64	7
Sienna (burnt).....	14	20	4	16
Umber.....	14	20	2	10
HARDWARE.				
Nails: (Per Cask.) Spikes, (wrought.)	285		235	350
10d. common.....	260	220	195	225
Shingle.....	335	265	235	260
Lath.....	485	320	325	360
(Finishing nails according to size.)				
(For casing nails add 75 c. per keg.)				
Butts: 4" x 4".....				
Plain.....	100	120	90	135
Japanned.....	150	175	Not Sold.	200
Acorn, Japanned.....	150	190	375	480
Ball Tip, Boston Finish.....	65	50	Not Sold.	125
Bronze metal.....	190	105	325	100
Brass (for cupboards).....	10	10	12	35
Ebony.....				37
Apple wood.....				100
Knobs: (P set.)				
Mineral, best.....	8	8	8	10
Lath.....	50	75	65	80
Hemacite.....	Not Sold.	17	31	40
Porcelain.....	30	10	25	30
Glass, solid.....	50	50	Not Sold.	150
Glass, silvered.....	Not Sold.	88	100	50
Bronze metal.....	75	50	300	300
Brass.....	100	50	300	14
Solder:				
Sheet Lead.....		71	54	6
Lead Pipe.....		64		
Iron:				
I-Beams, up to and including 30 ft.....	33-10	34	34-10	250
do. over 30 ft., 1 c. adv. for every 5 ft.				50
Channel Beams.....	33-10	34	34-10	275

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Boston, Mass. - A decline of one cent per gallon in the price of turpentine is noted for the present week.

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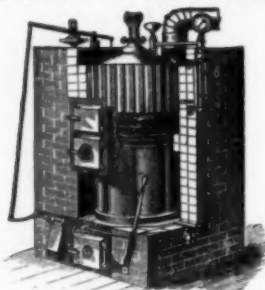
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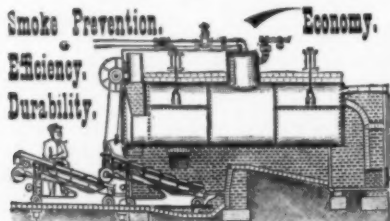
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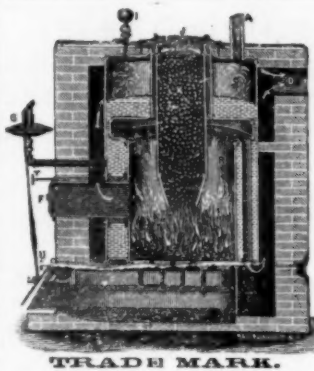
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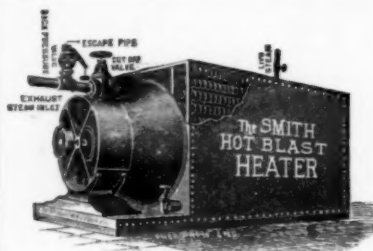
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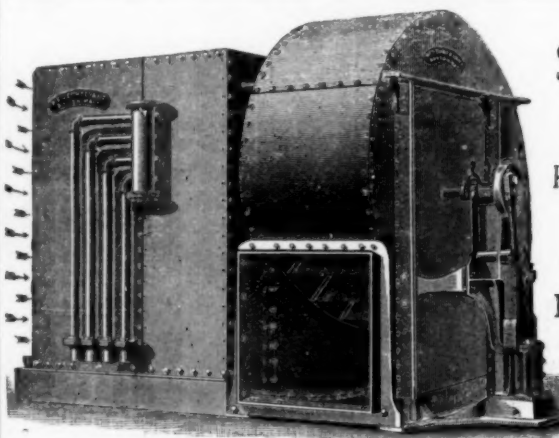
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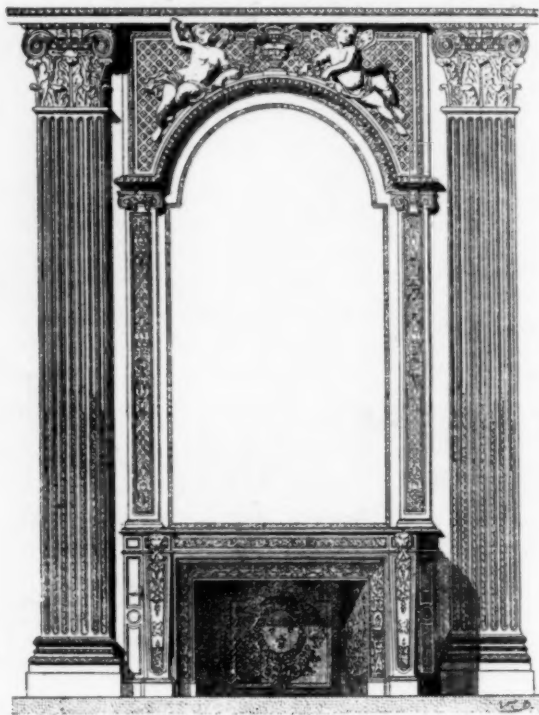
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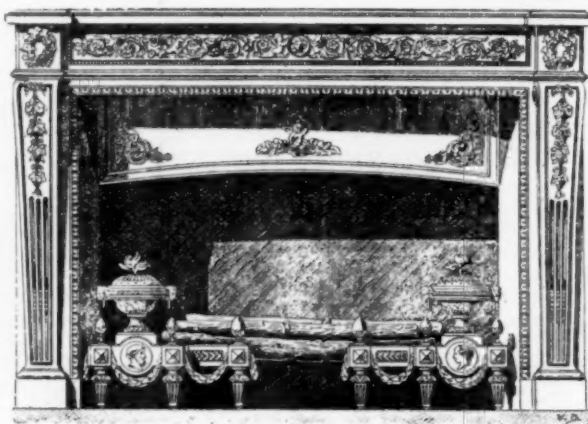
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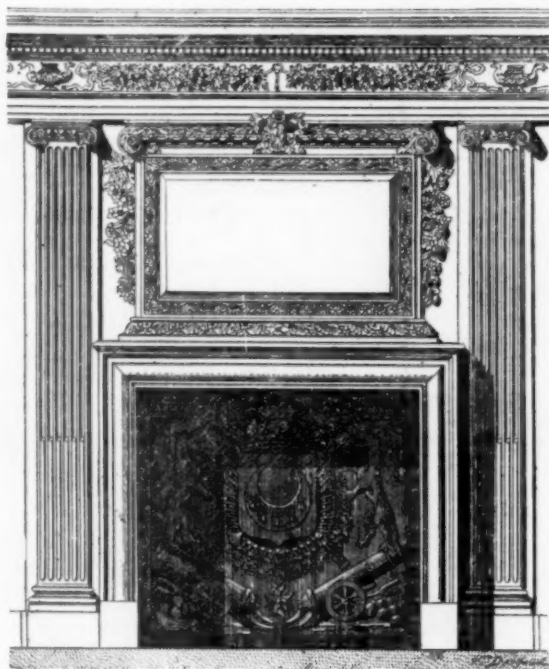
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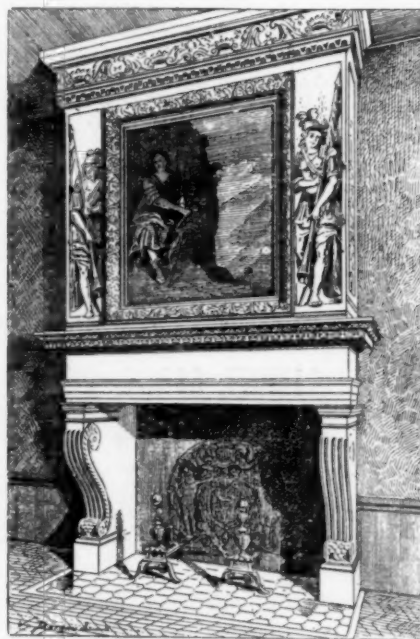
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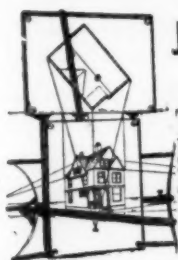
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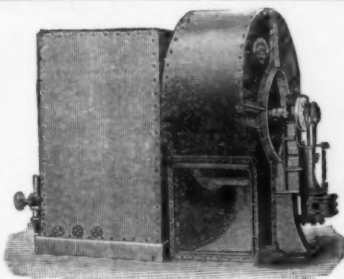
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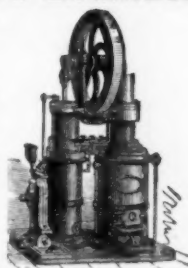
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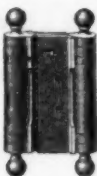
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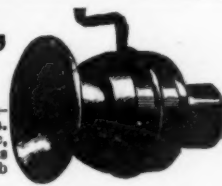
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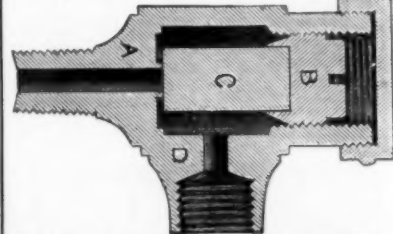
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[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

ALTERATIONS.

Brooklyn, N. Y.—South Oxford St., No. 26, three-story stone dwelling, tin roof, three-story brick extension, tin roof, internal and other alterations; cost, \$12,000; owner, F. Healy, premises; architect, M. W. Morris, 45 Exchange Pl.

Metropolitan Ave., No. 116, three-story frame pottery, gravel roof, damage by fire to be repaired; cost, \$3,000; owner, Charles Graham, 178 Vernon Ave.; architect, J. E. Brown, 618 Grand St.

Sands St., No. 100, three-and-one-half-story brick dwelling, slate roof, raised two stories, five-story brick extension, tin roof, internal and other alterations; cost, \$8,000; owner, John G. Norris, 248 West One Hundred and Thirty-third St., New York City; architect, Thos. S. Goodwin, 211 West Fifty-eighth St., New York.

Cincinnati, O.—Jas. Sauder Packing Co., four-story brick addition, s e cor. Louisa St.; cost, \$5,000; architect, Paul Page.

Detroit, Mich.—Diamond Match Co., four-story extension; cost, \$20,000; architect, G. W. Lloyd.

St. Louis, Mo.—Three-story addition, 3501 Washington Ave.; cost, \$4,500; owner, C. P. Maffitt; contractor, H. F. Dufner.

APARTMENT-HOUSES.

Minneapolis, Minn.—E. Land, owner and builder, brick flats, 4-10 East Fourteenth St.; cost, \$45,000; architect, H. Jones.

St. Louis, Mo.—Two-story flat, s w cor. Grand Ave. and Folsom St.; cost, \$13,000; owner, E. Peoples; contractor, Louis Schaffner.

Four-story apartment-house, s s Olive St., bet. Boyle and Whittier Sts.; cost, \$29,000; owner, J. S. Fullerton; contractor, M. Roass.

CHURCHES.

Cincinnati, O.—German Protestant Church, two-story brick and stone church, s s Hoffman St.; cost, \$30,000; architect, Emil Baude.

Minneapolis, Minn.—Lutheran Church, brick veneer church, Thirteenth Ave., n e, and Monroe Sts.; cost, \$15,000.

FACTORIES.

Brooklyn, N. Y.—Bond St., s e cor. Douglass St., two-story brick ice-factory, gravel roof; cost, \$12,000; owner, John H. O'Rourke, 40 Court St.; builder, John J. Gallagher, Sackett St.

New York, N. Y.—St. Nicholas Ave., s w cor. One Hundred and Twenty-second St., four-story brick factory, tin roof; cost, \$18,000; owner, William Koenig, 2262 Eighth Ave.; architect, J. H. Valentine, One Hundred and Twenty-first St. and St. Nicholas Ave.

HOTELS.

New York, N. Y.—Seventy-sixth St., n e cor. Madison Ave., ten-story brick hotel, asphalt roof; cost, \$300,000; owners, Horgan & Slattery, World Building, Park Row.

HOUSES.

Ambler, Montgomery Co., Pa.—Dwell.; owner, Alexander Knight.

Ashbourne, Pa.—On the N. P. Railroad, three-story stone dwelling; owner, Frank Livezey; architect, Frank R. Watson, 518 Walnut St., Philadelphia, Pa.

Boston, Mass.—Harrison Ave., Nos. 925-27, 933-35, 937-39, 945-47, Ward 20, 4 three-story brick dwellings and stores, flat roofs, 19' x 30'; owner, E. W. Dodge; builders, G. M. Fernald & Son.

Perham St., near Temple St., and near Ivory St., Ward 23, two frame dwellings, 21' x 27', 16'6" x 33'; owner, H. W. French; builder, G. A. Shaw.

Newhall St., near Pierce Ave., and Newhall Court, Ward 24, two frame dwellings, 21' x 26', 25' x 30'; owners, D. J. McKeon and Michael Fay; builder, W. J. Hatch.

Columbia Terrace, No. 190, off Columbia St., Ward 24, three-story frame dwelling, flat roof, 23' x 43'; owner, D. McDonald; builder, H. J. McNabb.

Dorset St., Nos. 30-34, Ward 25, frame dwelling, 24' x 60'; owner, W. E. Brace; builders, Berry & Watson.

Brusswick St., near Dorchester Ave., Ward 24, three-story frame dwelling, 45'6" x 58'; owner, J. E. Driscoll; builder, A. Greene.

Hall St., near Centre St., Ward 23, 2 three-story frame dwellings, flat roofs, 22'6" x 41'; owner and builder, B. J. French.

Saco St., off Neponset Ave., Ward 24, frame dwelling, 29' x 43'; owner, E. A. Heubener; builder, C. A. Milton.

Chester, Pa.—Two frame and stone dwellings; architect, Frank R. Watson, 518 Walnut St., Philadelphia, Pa.

Cincinnati, O.—Frank Gillfillen, owner and architect, two-and-one-half-story brick and stone dwelling, s w Turrell St.; cost, \$2,500.

Chas. Crowley, two-and-one-half-story brick and stone dwelling, s w Stanton Ave.; cost, \$3,000; architect, W. W. Franklin.

BUILDING INTELLIGENCE.

(Houses Continued.)

A. A. Luckey, two-story brick and stone dwelling, s w Roll Ave.; cost, \$2,000; architect, Jno. Thornley.

Jos. Becker, two-and-one-half-story brick and stone dwelling, s e Loth St.; cost, \$3,000; architect, Emil Baude.

Robert Shoemaker, three-story brick and stone dwelling, s e Pike St.; cost, \$21,000; architect, Jas. McLaughlin.

Jno. McCarthy, two-story brick and stone dwelling, s e Fairlorn St.; cost, \$2,000; architect, Adam Bast.

Wm. Walters, two-and-one-half-story brick and stone dwelling, 1321 Vine St.; cost, \$4,500; architect, Adam Bast.

W. J. Carter, two-and-one-half-story brick and stone dwelling, s e Purcell St.; cost, \$7,000; architects, Jno. Boll & Co.

M. M. Marks, 2 two-and-one-half-story double frame dwellings, s e Lincoln St.; cost, \$13,000; architects, Des Jardins & Hayward.

Jno. Fisher, double two-and-one-half-story frame dwelling, s s Columbia Ave.; cost, \$2,000; architect, Jacob Glick.

A. L. Hasson, two-and-one-half-story frame dwelling, s w Melrose Ave.; cost, \$5,000; architects, Des Jardins & Hayward.

S. E. Rose, two-and-one-half-story frame dwelling, s e Purcell St.; cost, \$8,000; architects, Jno. Boll & Co.

John Fey, two-and-one-half-story brick and stone dwelling, and store, s e Gordon St.; cost, \$4,500; architect, Martin Fidler.

T. J. & J. J. Emery, 2 three-story dwellings, s w Grand Ave.; cost, \$4,000; architect, J. G. Steinkamp.

T. J. & J. J. Emery, 2 two-and-one-half-story frame dwellings, s e Gilbert Ave.; cost, \$4,000; architect, J. G. Steinkamp.

George Markley, 2 two-and-one-half-story frame dwellings, s s Columbia Ave.; cost, \$4,000; architect, Chas. Vogel.

George Markley, 3 two-and-one-half-story frame dwellings, s w Gladstone Ave.; cost, \$3,200; architect, Chas. Vogel.

S. M. Cooper, two-and-one-half-story frame dwelling, s s Fairfax Ave.; cost, \$3,500; architect, W. C. Lawrence.

Wm. Groutmann, 2 two-and-one-half-story frame dwellings, s s Fairfax Ave.; cost, \$8,000; architect, W. C. Lawrence.

J. G. Cooper, two-and-one-half-story frame dwelling, s s Fairfax Ave.; cost, \$4,000; architect, W. C. Lawrence.

Martin Whelan, two-and-one-half-story frame dwelling, s w McPherson St.; cost, \$3,000; architect, M. Fisher.

Elizabeth Constable, two-story frame dwelling, s s Earnshaw Ave.; cost, \$2,300; architect, John M. Mullen.

Elizabeth Hoenschmeyer, two-and-one-half-story frame dwelling, s e Seton Ave.; cost, \$4,500; architect, Adam Bast.

August Voss, two-story frame dwelling, s w Movagan St.; cost, \$1,700; architect, Adam Bast.

S. M. Cooper, two-story frame dwellings, s w Kinney Ave.; cost, \$2,500; architect, W. C. Lawrence.

Susan Gibbs, two-and-one-half-story frame dwelling, s w Hewitt St.; cost, \$3,000; architect, Wm. C. Lawrence.

Frank Gillfillen, owner and architect, two-and-one-half-story frame dwelling, s w Turrell St.; cost, \$3,000.

Robert Rostock and Fred Aberlander, two-story double frame dwelling, s e Meter Ave.; cost, \$2,200; architect, E. H. Dowette.

J. B. Palmer, two-and-one-half-story frame dwelling, s w Huron Ave.; cost, \$3,000; architect, W. C. Lawrence.

Carrie Good, two-story frame dwelling, s s Fairfax Ave.; cost, \$2,500; architect, W. C. Lawrence.

J. Schwarz, two-and-one-half-story brick and stone dwelling, s e Vaughn St.; cost, \$3,500; architects, Rieg & Marty.

Mrs. A. Florence, four-and-one-half-story brick and stone dwelling, s e Walnut St.; cost, \$9,000; architects, Rieg & Marty.

Thos. P. Egan, three-story double brick and stone dwelling, 10-12 Wesley Ave.; cost, \$11,500; architects, Crapsey & Brown.

Detroit, Mich.—Neuhaefer & Goldeke, brick dwelling, 137 Watson St.; cost, \$3,300; also frame dwelling, 330 Warren Ave.; cost, \$3,200.

R. E. Raseman, brick dwellings, etc., 351-355 Michigan Ave.; cost, \$9,000.

L. Scheinie & Co., three frame dwellings, 852-856 Champlain St.; cost, \$4,500.

T. Greather, two-story frame dwelling, 1180-1182 Fourteenth Ave.; cost, \$5,500.

F. J. Pagel & Son, three frame dwellings, 164-168-170 Concord Ave.; cost, \$4,000.

F. L. St. Armour, two frame dwellings, 173-175 Field Ave.; cost, \$4,200.

John Engels, brick dwelling, 158 Charlotte Ave.; cost, \$3,200.

Dietrichs Bros., brick dwelling, 812 Second Ave.; cost, \$8,000.

E. J. Beaton, two frame dwellings, 502-504 Fourth Ave.; cost, \$6,200.

G. Granger, two frame dwellings, 74-78 Maybury Ave.; cost, \$4,000.

J. Mellish, brick dwelling, 772 Humboldt Ave.; cost, \$4,000.

S. E. Brownell, 4 two-story frame dwellings, 1519-1525 Twenty-fifth St.; cost, \$7,000.

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BUILDING INTELLIGENCE.

(Houses Continued.)

Parsons & Co., four frame cottages, 88, 94, 100, 106
Gullor St.; cost, \$4,000.F. B. Clark, double brick dwell., 55 Forest Ave.;
cost, \$6,500.W. H. Hollands & Son, double frame dwell., 9-11
Miller St.; cost, \$4,000.H. W. Lake & Co., five frame dwells., 1232-1244
Trumbull Ave.; cost, \$5,000.C. Collins, brick dwell., 236 Charlotte Ave.; cost,
\$4,000.A. C. Varney & Co., double dwell., 66-68 Winder
St.; cost, \$13,000; also three brick dwells., 81-85
East High St.; cost, \$13,000; also brick dwell., 12
East Montcalm St.; cost, \$10,000; also double brick
dwell., 256 First St.; cost, \$5,000.L. R. Brooks, double brick dwell., 653-655 Fourth
Ave.; cost, \$5,000.Bent & Dean, five frame dwells., 899, etc., Hum-
boldt Ave.; cost, \$9,000; also four frame dwells.,
1330 Wabash Ave.; cost, \$5,300.J. L. Gearing & Son, three-st'y brick dwell., 1015
Jefferson Ave.; cost, \$50,000.W. W. Smith, double frame dwell., 199-201 Theo-
dore St.; cost, \$5,000.W. G. Newton, double brick dwell., 265-267 Lin-
coln Ave.; cost, \$7,000.John McEnhill, brick dwell., 72 Erskine St.; cost,
\$10,000.B. N. Gardiner, double frame dwell., 681-683
Wabash Ave.; cost, \$3,200.P. S. Chapoton & Co., brick dwell., 303 Frederick
St.; cost, \$5,000.R. A. Scribner, four frame dwells., 806, etc.,
Trombley Ave.; cost, \$5,000.Jos. Dumas & Co., double frame dwell., 402-404
Fort St.; cost, \$3,600.Easton, Northampton Co., Pa. — Lehigh and
Grant Sts., dwell.; owner, Howard Haas.Beverick and Fourth Sts., dwell.; owner, Edward
Stacer.Lebanon, Lebanon Co., Pa. — Three brick dwells.;
owner, John P. Brown.May's Landing, Cape May Co., N. J. — Cottage;
for J. L. Veal; builder, Thomas Kears.Minneapolis, Minn. — C. S. Woodruff, two-st'y
frame dwell., 2303 Second Ave.; cost, \$3,500.O. Sharpe, frame dwell., 2020 Hennepin Ave.;
cost, \$5,000.New York, N. Y. — One Hundred and Thirty-sixth
St., s. s. 129 w Lenox Ave., 6 three-st'y brick dwells.,
tin roofs; cost, \$54,000; owner, Robert J. Blake, 623
Columbus Ave.; architect, J. Averitt Webster, 217
West One Hundred and Twenty-fifth St.Eighty-eighth St., s. s. 389 w West End Ave., 7
four-st'y brick dwells., tin roof; cost, \$140,000;
owners, Livingston & Dunn, 57 West Eighty-fourth
St., and 321 East Sixty-eighth St.; architects, Thom
& Wilson, 1267 Broadway.Courtland Ave., w. s. 509 n One Hundred and
Fifty-sixth St., three-st'y brick and frame dwell.,
tin roof; cost, \$4,000; owner, A. Hoffman, 767 Court-
land Ave.; architect, F. Walter, 727 East One Hun-
dred and Sixty-third St.Riederale Ave., 400 s Delafield Lane, three-st'y
brick dwell., gambrel, shingle roof; cost, \$35,000;
owner, Wm. E. Dodge, 362 Madison Ave.; archi-
tects, Ellingwood & Parrish, 57 Broadway.West End Ave., e. s. 60 s Eighty-fourth St., 4 four-
st'y brick dwells., tin roofs; cost, \$50,000; owner,
Frederic Foster, 49 West Nineteenth St.Forest Ave., e. e. cor. One Hundred and Sixty-fifth
St., 4 three-st'y brick and frame dwells., tin roofs;
cost, \$24,000; owner, John Klinker, 1023 Union Ave.;
architect, M. J. Garvin, 3311 Third Ave.

Oak Lane, Pa. — Plans for stone dwell.; shingle

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(Houses Continued.)

roof; architect, Frank R. Watson, 518 Walnut St.,
Philadelphia, Pa.Pennlyn, Pa. — Three-st'y stone dwell., slate roof;
architects, Hazelhurst & Huckel, 910 Draxel Build-
ing, Philadelphia, Pa.Philadelphia, Pa. — Mantua Ave. and Haverford
St., 16 three-st'y brick dwells.; owner, Harry
Weekley.Ogle St., Manayunk, three-st'y brick dwell.;
builder, Wm. J. Phillips, 4907 Main St., German-
town.Eight three-st'y press brick and stone dwells.;
owner, Michael Whelan, 1225 Snyder Ave.Fifteenth St., s. s. McKean St., 7 two-st'y press brick
and stone dwells.; owner, J. B. H. Johnson.Springfield Ave. and Forty-fifth St., several three-
st'y built brick and stone dwells.; owner, George
Ross, West Philadelphia.Thirty-second and one-half St., e. s. n Diamond St.,
21 two-st'y press brick and brownstone dwells.;
builders, James H. Stevenson & Son, Ridge Ave.
and Diamond St.Twenty-second St., above Westmoreland St., 7
two-st'y brick dwells.; owner, Henry G. Schultz.Clearfield St., s. s. e Windrim St., seven brick
dwell.; owner, W. F. Cox, 502 Federal St.Herman St., s. s. w Twenty-fourth St., two-st'y
brick dwell.; owner, Frank Halfner, 2046 Herman
St.Ontario St., e. s. Sixteenth St., 8 three-st'y brick
dwell.; owner, Wm. R. Brown.Marshall St., e. s. s Erie Ave., 3 two-st'y brick
dwell.; builder, Harry Brooklehurst, 514 Norris St.Tioga St., n. w. cor. A St., three-st'y brick dwell.;
builders, Beck & Conley, 116 North Seventh St.South Tenth St., No. 922, three-st'y brick dwell.;
builder, Antonio Donato, 1005 South Eighth St.Wharton St., s. s. w Twenty-eighth St., 3 two-st'y
brick dwells.; builder, Hugh Gaynor, 2017 Federal
St.School Lane, bet. Queen and Wayne Sts., 2 two-
st'y brick dwells.; builder, J. D. Caldwell, 205 Wis-
tar St.Otto St., n. s. e Spencer St., 6 two-st'y brick dwells.;
builder, Thos. Kennedy, Godfrey St.Magnet St., e. s. n Gay St., 2 three-st'y brick
dwell.; owners, Wright & Dager, 607 Jefferson St.,
Rox.Selig St., e. s. s Jefferson St., 2 three-st'y brick
dwell.; owners, Wright & Dager, 607 Jefferson St.,
Rox.Winona St., s. s. w Pulaski St., two-st'y brick
dwell.; builder, John A. Thompson, 114 Seymour
St.Ontario St., s. s. e D St., two-st'y brick dwell.;
owner, Robert Discher, Ontario and Bohrer Sts.Edgemont St., e. s. n Lefevre St., 2 two-st'y brick
dwell.; builder, R. C. Morgner, 401 Clearfield St.Cherry St., n. e. cor. Margaretta St., two-st'y brick
dwell.; owner, Chas. McKeever, 2446 Amber St.Pittsburgh, Pa. — Two brick dwells. will be built
by A. E. Reidle.St. Louis, Mo. — One-st'y dwell., Semple and Cate
Brilliant Sts.; cost, \$9,000; owner, E. Strome; con-
tractor, A. Anderson.

BUILDING INTELLIGENCE.

(Houses Continued.)

Two-and-one-half-st'y dwell., Broadway and Britt-
ner St.; cost, \$4,500; owner, Caroline Elsenbaum;
contractor, G. Mueller.Two two-st'y dwell., w. s. Hickory St., bet. Mis-
souri and Jefferson Aves.; cost, \$18,000; owner, J.
C. Meyer; contractor, J. Schenk.Two-st'y dwell., n. s. Gibson Ave., near Boyle Ave.;
cost, \$3,000; owner and contractor, Fred. Voelpel.Two-st'y dwell., n. s. Sydney St., bet. Eleventh and
Twelfth Sts.; owner, Fred. Voelpel; contractor,
Jno. Decker.Two-and-one-half-st'y dwell., s. s. West Belle Pl.,
bet. Sarah and Whittier Sts.; cost, \$7,000; owner
and contractor, E. W. Franz.Two-st'y dwell., n. s. Richmond Pl., bet. Taylor
and Wharton Sts.; cost, \$8,000; owner and contrac-
tor, C. H. R. Davis Real Estate Co.Two-st'y dwell., s. s. Garfield Ave., bet. Taylor and
Cora Aves.; cost, \$5,000; owner and contractor,
James Cassidy.Two-st'y dwell., s. s. St. Vincent St., bet. Todd and
Nebraska Aves.; cost, \$7,000; owner, Mrs. Esderine;
contractors, Peters & Touper.Two-st'y dwell., n. s. Morgan St., bet. Vandeventer
and Sarah Sts.; cost, \$6,000; owner, E. E. Hickok;
contractor, C. G. Hooper.Two-st'y dwell., s. s. Westminster Pl., bet. New-
stead and Taylor Aves.; cost, \$14,000; owner, W.
Dean; contractor, Daniel Evans.

OFFICE-BUILDINGS.

New York, N. Y. — West Twenty-second St., Nos.
602-604-606, three-st'y brick office, tin roof; cost,
\$8,000; owner, John McClave, Eleventh Ave. and
Twenty-second St.; architect, G. H. Budlong, 160
Fifth Ave.Philadelphia, Pa. — Callowhill St., s. w. cor. Nine-
teenth St., two-st'y brick office-building; builders
L. Snyder & Sons, 1816 Wood St.

PUBLIC BUILDINGS.

Griffin, Ga. — New City-hall and court-house will b
built, at a cost of about \$50,000.Lockhart, Texas. — Court-house will be built by
Caldwell County, to cost about \$50,000.Texarkana, Ark. — A \$35,000 court-house will be
built by Miller County.Williamsport, Fayette Co., Pa. — Ross Park, new
public building.

SCHOOL-HOUSES.

Brooklyn, N. Y. — Madison St., s. s. 300 w Ralph
Ave., three-st'y brick school-house, tin roof; cost,
\$40,000; owner, E. P. Mahony, 815 Putnam Ave.;
architect, B. O'Rourke, 87 Howard Ave.New York, N. Y. — Sixty-eighth St., n. s. 97' 6" e
Boulevard, five-st'y brick College of Pharmacy,
concrete, asphalt and brick roof; cost, \$150,000;
owner, The New York College of Pharmacy, 209-213
East Twenty-third St.; architects, Little & O'Con-
nor, 28 West Twenty-third St.Sewickley, Pa. — Brick and stone school-house;
architect, Elmer E. Miller, Penn Building, Pitts-
burgh, Pa.

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BUILDING INTELLIGENCE.

STABLES.

Boston, Mass. — Ashmont St., rear, near Neponset Ave., Ward 24, frame stable, 29' x 30'; owner, S. S. Putnam, Jr.; builder, W. J. Hatch.

Columbia St., rear, bet. Algonquin and Harvard Sts., Ward 24, frame stable, 22' x 28'; owner, Frank A. Ware; builders, Alcock & McKay.

New York, N. Y. — First Ave., e s, 60' n One Hundred and Third St., two-sty' brick stable, tin roof; cost, \$8,000; owner, Mary Campbell, 241 East One Hundred and Fourth St.; architect, Edward Wenz, 1491 Third Ave.

West Fifty-fifth St., Nos. 33-37, two-and-three-sty' brick stable, tin roof; cost, \$65,000; owner, William D. Sloane, 642 Fifth Ave.; architect, W. Wheeler Smith, 7 Wall St.

Philadelphia, Pa. — Park St., s s, w Twenty-second St., stone and brick stable for Andreas Meng; builder, Jacob R. Garber.

Franklin St., e s, s Indiana Ave., two-sty' brick stable; owners, Woelfel & Schmunk, 614 Cambria St.

North Third St., No. 2619, two-sty' brick stable; builder, Wm. Freiling.

Somerton Plce, e cor. Cemetery Ave., Thirty-fifth Ward, two-sty' frame stable and wagon-house; builder, Henry Stevens.

Carlisle St., e s, n Westmoreland St., three-sty' brick stable; owner, Newton Hollowell.

Worcester, Mass. — Leicester St., one-sty' frame stable; owner, W. H. Howes; contractor, J. Burdett.

Battle St., one-and-one-half-sty' frame stable; owner, C. B. Pratt; contractor, C. A. Colburn; architects, Fuller & Delano.

Circuit St., one-and-one-half-sty' frame stable; owner and contractor, G. W. Smith.

Mayfield St., one-and-one-half-sty' frame stable; owner, B. F. Larnard; contractor, G. W. Smith.

STORES.

Brooklyn, N. Y. — Stone Ave., n e cor. Blake Ave., 2 three-sty' frame stores and dwellings, tin roofs; cost, \$7,000; owner and builder, Jos. Lippmann, Thattford Ave., near Dumont St.; architect, L. Danaucher, 31 Watkins St.

Broadway, w s, 66' s Decatur St., 4 four-sty' brick stores and dwellings, tin roofs; cost, \$9,000 each; owner and builder, Robt. L. Moores, 1450 Broadway; architect, E. Dennis, 115 Himrod St.

Even St., w s, 50' n McKibben St., 2 five-sty' brick stores and dwellings, tin roofs; cost, \$8,000 each; owners, Simon & Meyer, 16 East Broadway, New York City; architect, H. Smith, 10 Moore St.

Columbia St., No. 71, five-sty' brick store and dwell., tin roof; cost, \$15,000; owner, T. Hanlon, 217 Union St.; architect, Chas. Werner, Garfield Building.

Atlantic Ave., No. 511, two-sty' brick store and dwell., tin roof; cost, \$7,000; owner, E. Schmentz, Third and Atlantic Aves.; architect, C. F. Eisenach, 59 Court St.

Glenmore Ave., n e cor. Stone Ave., 2 four-sty' brick stores and dwellings, tin roofs; cost, \$7,000 each; owner, Wm. Schwartz, 153 Orchard St., New York City; architect, Wm. Dammar, Atlantic and Van Sien Aves.

Central Ave., w s, 25' s Bleecker St., four-sty' brick store and dwell., tin roof; cost, \$6,000; owner and builder, T. H. Werner, St. Nicholas Ave. and Harman St.; architect, W. B. Wills, 564 Court St.

De Kalb Ave., n s, 250' e Knickerbocker Ave., three-sty' frame store and dwell., tin roof; cost, \$4,200; owner and builder, Conrad Reuter, 1459 De Kalb Ave.; architects, N. E. Funk and P. Nagel, 200 Knickerbocker Ave.

Knickerbocker Ave., e s, from Jefferson and Troutman Sts., 8 three-sty' frame stores and dwellings, tin roofs; cost, \$4,500 each; owner, Chas. A. Keppler, 197 Knickerbocker Ave.; architects, Funk & Nagel, 200 Knickerbocker Ave.

Knickerbocker Ave., n e cor. Jefferson St., three-sty' frame store and dwell., tin roof; cost, \$6,000; owners and builders, Wolbeck & Ruthman, 86 Knickerbocker Ave.; architect, Th. Engelhardt, 905 Broadway.

North Twenty-second St., n s, 45' w Havemeyer St., four-sty' frame store and dwell., tin roof; cost, \$4,000; owner, P. Delap, 1620 Fulton St.; architect, O. E. Hoffner, 1603 Atlantic Ave.

North Fifth St., s s, 65' w Havemeyer St., four-sty' frame store and dwell., tin roof; cost, \$4,000; owner, P. Delap, 1620 Fulton St.; architect, O. E. Hoffner, 1603 Atlantic Ave.

Camden, N. J. — Margaretta St., e s, n Edmund St., one-sty' brick store; builder, Thos. Rush, 4938 Mulberry St.

Chicago, Ill. — Charles Malecha, three-sty' store and flats, 1401 West Fortieth St.; cost, \$3,500.

Patrick Rodgers, 2 four-sty' store and flats, 1353-1355 West Twelfth St.; cost, \$4,000.

W. P. Walsh, 2 three-sty' stores and flats, 8231-8233 Ninety-third St.; cost, \$4,000.

W. Wesbach, store and dwell., 5124 Mospratt St.; cost, \$3,000.

S. Luster, two-sty' store and flats, 1777 Lincoln Ave.; cost, \$3,000.

H. P. Kossing, 7 one-sty' stores, 6032-6040 Stony Island Ave.; cost, \$3,000.

S. Scully, two-sty' store and flats, 542 West Forty-eighth St.; cost, \$3,000.

Cincinnati, O. — Fred. Schardt, three-sty' brick and

BUILDING INTELLIGENCE.

(Stores Continued.)

stone store and dwell., n e Brown St.; cost, \$3,000; architect, Martin Fisher.

Hauke Bros., brick and stone stores, s e Main St.; cost, \$2,600; architect, S. Piket.

Detroit, Mich. — A. C. Varney & Co., four stores and sixteen dwells, 125 John R St.; cost, \$35,000; also six brick stores and twelve dwells, 342-358 Michigan Ave.; cost, \$30,000; also four-sty' brick store, 90-92 Michigan Ave.; cost, \$25,000.

W. Houghton, four brick stores and four dwells, 788-797 Grand River Ave.; cost, \$10,000.

John Watt, brick store and dwell., 38 Gladstone St.; cost, \$4,000.

G. G. Jansen, brick store and dwell., 919 Grand River Ave.; cost, \$4,000.

Minneapolis, Minn. — Hozen, brick store, 247 Hennepin Ave.; cost, \$10,000.

Olson Co., brick store, First Ave. s and Fifth St.; cost, \$200,000; architect, Demis.

New York, N. Y. — Bond St., No. 24, six-sty' brick store, tin roof; cost, \$36,000; owner, Philip Gomprecht, 133 East Sixty-second St.; architects, Buchman & Deisler, 8 West Twenty-ninth St.

Third Ave., Nos. 1490-1496, two-sty' brick store-building, tin roof; cost, \$50,000; owners, Schole Bros., 33 Broad St.; architect, Richard Berger, 110 Leonard St.

Fifth Ave., n e cor. Twenty-first St., seven-sty' brick store, "Star" roofing; cost, \$150,000; owner, Sereno D. Bouffis, 34 Gramercy Park; architects, D. & J. Jardine, 1262 Broadway.

St. Louis, Mo. — Three-sty' store and dwell., n s Carr St., bet. Sixteenth and Seventeenth Sts.; cost, \$6,000; owner, Chas. Wisnath; contractor, P. Tirmann.

Three-sty' store and dwell., s w cor. Cherokee and California Aves.; cost, \$8,000; owner, M. Meyer; contractor, H. Ellermann.

TENEMENT-HOUSES.

New York, N. Y. — One Hundred and Fifty-second St., n s, 100' e Courtland Ave., four-sty' brick tenement, tin roof; cost, \$10,000; owner, Siebrand Nienenhous, 18 East One Hundred and Twenty-sixth St.; architects, J. Bookell & Son, 54 Bond St.

Courtland Ave., e s, 25' n One Hundred and Fifty-fourth St., four-sty' brick tenement, tin roof; cost, \$10,000; owner, Sophia Marbus, 706 Courtland Ave.; architect, Edw. Stickler, 551 East One Hundred and Fifty-fourth St.

East One Hundred and Twenty-sixth St., No. 126, four-sty' brick tenement, tin roof; cost, \$13,000; owner, Henry M. Brown, 2087 Fifth Ave.; architect, Kerby & Co., 722 East One Hundred and Seventy-seventh St.

THEATRES.

Pittsburgh, Pa. — Collins Ave., East End, opera-house; owner, E. D. Witt.

WAREHOUSES.

St. Louis, Mo. — Three-sty' storage warehouse, Choteau and Second Carondelet Aves.; cost, \$14,000; owners, A. A. & J. B. Selkirk; contractor, S. H. Davis.

MISCELLANEOUS.

Chicago, Ill. — Frank Blair, one-sty' brick oven, Kingsbury and Huron Sts.; cost, \$3,500.

F. Perkins, two-sty' hall, 5525-5531 Jefferson Ave.; cost, \$15,000.

Detroit, Mich. — Samuel F. Hodge & Co., brick manufactory, 306-320 Atwater St.; cost, \$30,000.

A. C. Varney & Co., three-sty' brick manufactory, 383-391 Atwater St.; cost, \$35,000.

A. C. Varney, three-sty' brick manufactory, 1275 Twelfth St.; cost, \$5,000.

Michigan Peninsular Car Co., one-sty' iron manufactory, 1311-1331 River St.; cost, \$25,000.

Diamond Match Co., four-sty' brick manufactory; cost, \$30,000, architect, G. W. Lloyd.

Home Savings Bank, eight-sty' bank and office-building; cost, \$200,000; architects, Mortimer L. Smith & Son.

Minneapolis, Minn. — Gillett & Herzey, brick shop, Second St. and Seventh Ave., s e; cost, \$25,000.

Perth Amboy, Middlesex Co., N. J. — Police station will be built.

Pittsburgh, Pa. — Walnut St. Baptist Church site, block of business buildings.

Reading, Berks Co., Pa. — Three-sty' brick confectionery building; owner, David E. Hock.

Four-sty' brick business building; owner, John D. Strunk.

COMPETITIONS.

COURT-HOUSE. [At Rochester, N. Y.] ROCHESTER, N. Y., May 2, 1893.

To whom it may concern: — The Building Committee of the Board of Supervisors of Monroe County, N. Y., hereby gives notice that the date for the submission of preliminary plans for the new court-house at Rochester, N. Y., under the specifications heretofore published, has been postponed from May 20, 1893, at 2 o'clock P. M., to June 1, 1893, at 2 o'clock P. M.

LYMAN M. OTIS, Chairman,
WILLIAM W. ARMSTRONG, Secretary.

907

COMPETITIONS.

COMPETITION.

The German American Insurance Company of New York invites

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FOR THE

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Plans to be submitted on or before June 17, 1893.

For further particulars address

JAS. A. THOMAS,

General Agent,

Nashville, Tenn.

DISPENSARY.

[At Terre Haute, Ind.]

The Rose Dispensary of Terre Haute, Ind., will erect a building, to cost \$35,000, and will receive plans up to

June 1, 1893.

Architects wishing to submit plans will address M. S. Durham, Secretary, Terre Haute, Ind., for particulars.

908

LIBRARY BUILDING.

[At Augusta, Me.]

The Trustees of the Lithgow Library and Reading-room Association of Augusta, Me., invite the submission of plans for a library building, to be built of granite and erected at Augusta, Me., to cost twenty-five thousand dollars (\$25,000).

Plans to be submitted by the 15th of July, 1893. The terms of submission and details, as far as determined upon by the Trustees, will be furnished upon application to the Secretary.

LENDALL, TITCOMB, Secretary,

910

Augusta, Me.

PROPOSALS.

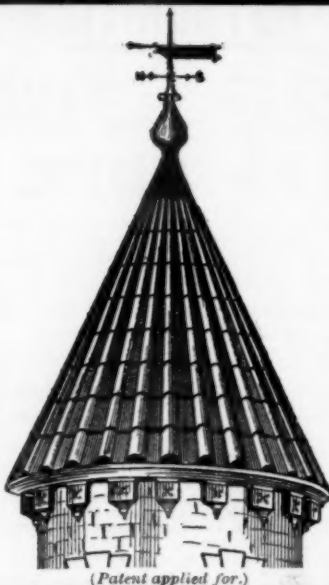
Office of Light-house Engineer, Fifth District, Baltimore, Md., April 7, 1893. Sealed proposals will be received at this office until 2 o'clock P. M. of Wednesday, the 17th day of May, 1893, for furnishing the materials and labor of all kinds necessary for the completion, delivery and erection, at the sites, of the metal-work of Cape Charles and Hog Island Light-towers, Va., for a fixed sum for each light-tower, or for an aggregate sum for both towers. The bids most advantageous to the United States Government will be accepted. Plans, specifications, forms of proposal and other information may be obtained on application to this office. The right is reserved to reject any or all bids and to waive any defects. ERIC BERGLAND, Captain of Engineers, U. S. A., Light-house Engineer, Fifth District.

907

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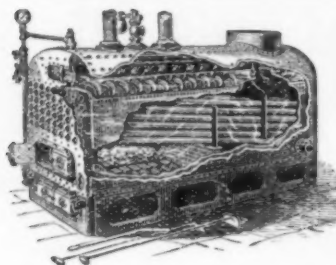
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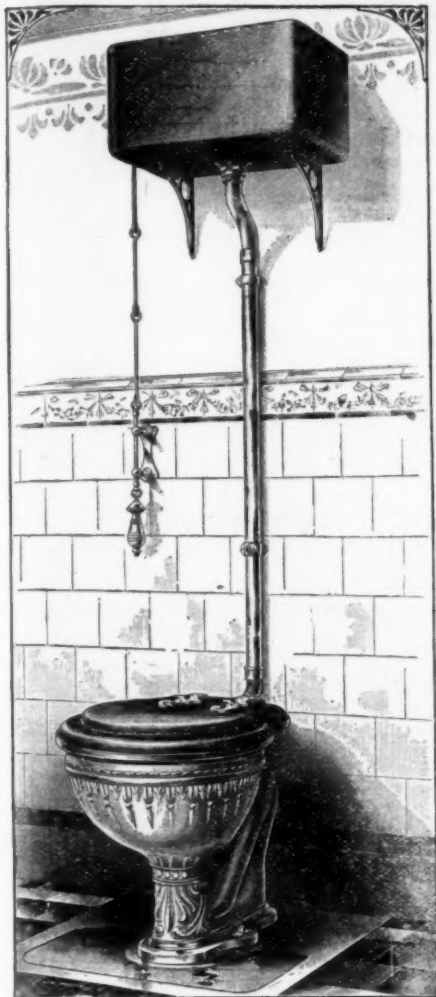
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THE "PERFECTO" SEAT.

(Patent applied for.)

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To the sanitary and mechanical advantages of the "PERFECTO" Seat must be added that of its artistic appearance; in this respect it marks a distinct improvement over Closets which have heretofore been made with the Seat the same size and shape as the bowl, the effect of which is most unsatisfactory and but little removed from that of an ordinary Hopper Closet.

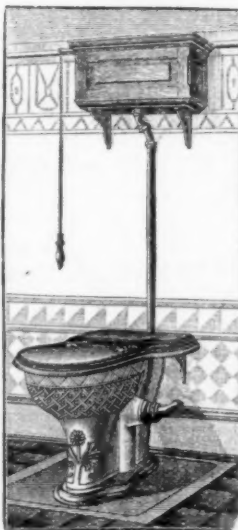
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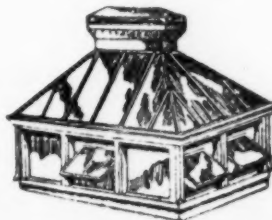
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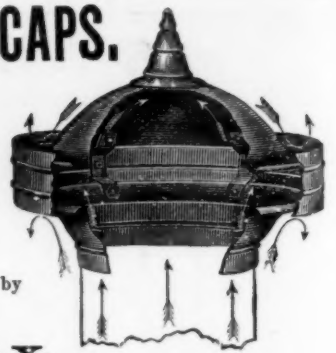
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[See Alphabetical Index on page XVI for Pagination.]

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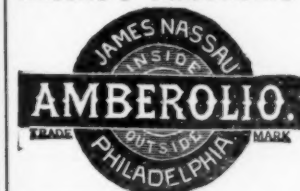
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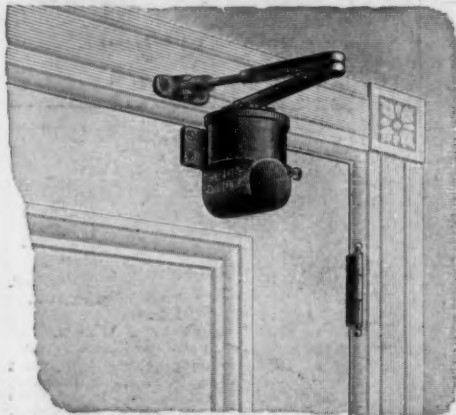
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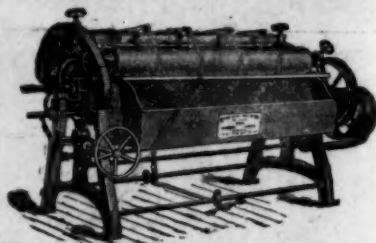
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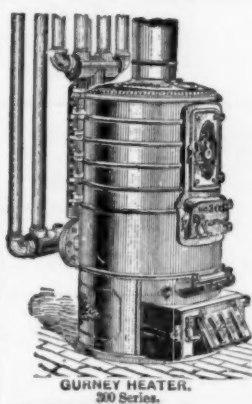
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Berea.....	75 @ 1 00	85 @ 90	45 @ 55	55 @ 75
Berlin.....	75 @ 1 00	80 @ 90	55 @ 65	85 @ 95
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" purple.....	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red.....	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	5 00 @ 10 25
" black, Lehigh.....	4 25 @ 4 75	@	6 25 @ 6 85	2 25 @ 4 00
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P. INTS. (In Oil P lb.)				
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" zinc.....	5 @ 8 1/2	@ 8	5 @ 10 1/2	@ 7 1/2
Red lead, Am.....	6 1/2 @ 7	6 1/2 @ 7	6 1/2 @ 7	@ 7 1/2
" Venetian.....	6 @ 10 1/2	7 @ 12	1 1/2 @ 2 1/2	@ 7
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" Chrome.....	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome).....	8 @ 13	8 @ 20	8 @ 20	@ 21
Green, Paris.....	25 @ 40	25 @ 40	18 @ 35	" 15 @ 20
Black, lamp.....	15 @ 25	15 @ 25	8 @ 30	@ 12
Blue, ultramarine.....	12 @ 18	18 @ 30	12 @ 35	@ 24
Oil, linseed, (raw).....	58 @ 65	54 @ 55	60 @ 63	@ 60
" boiled.....	38 @ 37	@ 36	40 @ 42	@ 44
Turpentine.....	@	1 50 @ 6 00	1 25 @ 2 00	125 @ 3 00
Varnish, coach.....	@	2 50 @ 3 00	2 25 @ 4 00	150 @ 3 00
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Putty.....	75 @ 1 00	1 @ 1 1/2	1 @ 1 1/2	@ 1
Whiting.....	1 30 @ 2 00	2 @ 3	1 1/2 @ 2	@ 2
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Litharge, Am.....	14 @ 20	14 @ 20	4 @ 16	4 @ 14
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Umber.....	@	@	@	@
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(Finishing nails according to size.)	@	@	Add .85 to \$2.25	per lb. 4 @ 6
(For casing nails add 75 c. per keg.)	@	@	".50 to .90	Add per cask
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Ball Tip, Boston Finish..... (P pair.)	@ 65	@ 50	2 00 @ 3 25	@ 1 25
Bronze metal.....	@ 1 90	plain 1 65	@ 12	@ 1 00
Brass (for cupboards).....	@ 10	@ 10	@	@ 35
Ebony.....	@	@	@	37 @ 1 00
Apple wood.....	@	@	@	@
Knobs: (P set.)	@ 8	@ 8	8 @ 10	Not Sold.
Mineral, best.....	@ 50	@ 75	65 @ 80	25 @ 50
Lava.....	Not Sold.	17 @ 33	31 @ 40	@ 25
Hemacite.....	@ 30	@ 10	25 @ 30	@ 25
Porcelain.....	Not Sold.	@ 50	Not Sold.	1 00 @ 2 50
Glass, solid.....	Not Sold.	88 @ 1 00	@ 1 50	1 75 @ 2 00
Glass, silvered.....	75 @ 2 00	50 @ 3 00	50 @ 3 00	50 @ 3 50
Bronze metal.....	1 00 @ 2 50	50 @ 3 00	1 00 @ 3 00	75 @ 1 25
Brass.....	@	@	14 @ 16	10 1/2 @ 16
Solder:	@	@	5 1/2 @ 7	@ 6 1/2
Sheet Lead.....	@	@ 7 1/2	@ 6	@ 6
Lead Pipe.....	@	@	@	@
Iron:				
I-Beams, up to and including 30 ft.....	3 3-10 @ 3 1/2	@ 3 4-10	2 50 @ 2 75	@ 2 8-10
do., over 30 ft., i.e. adv. for every 5 ft.	@	@	50 @ 2 75	@ 2 8-10
Channel Beams.....	3 3-10 @ 3 1/2	@ 3 4-10	@	@ 2 8-10

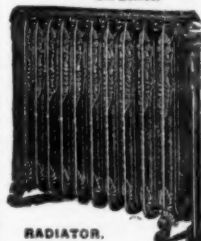
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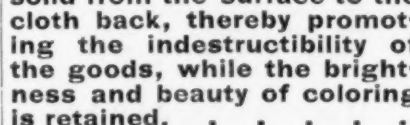
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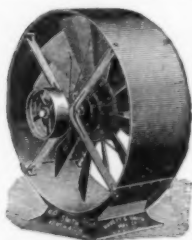
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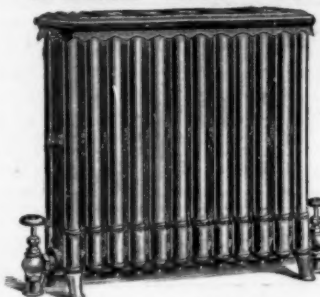
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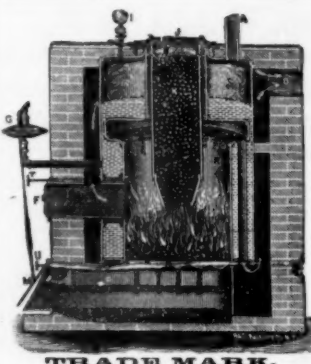
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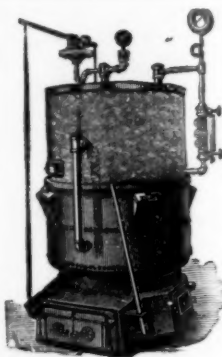
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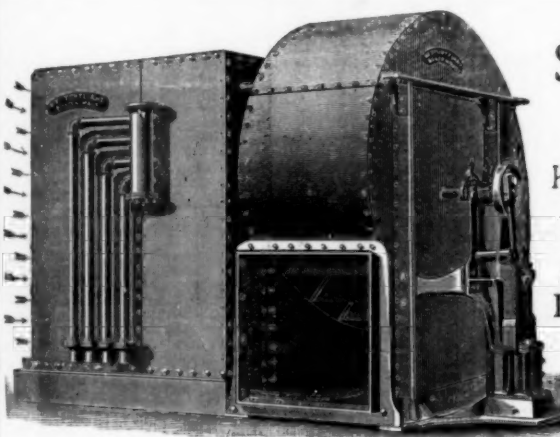
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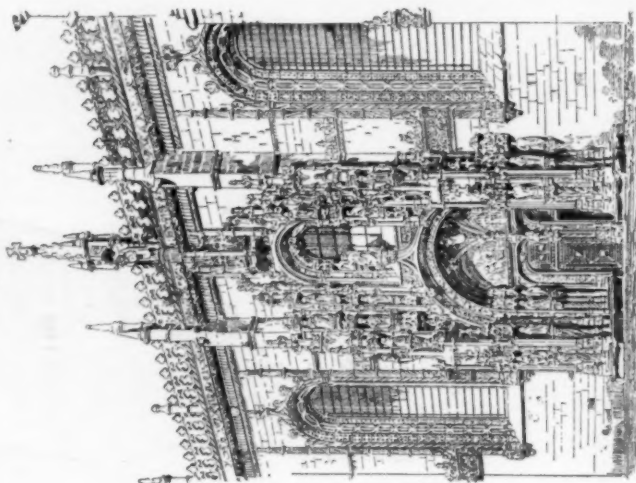
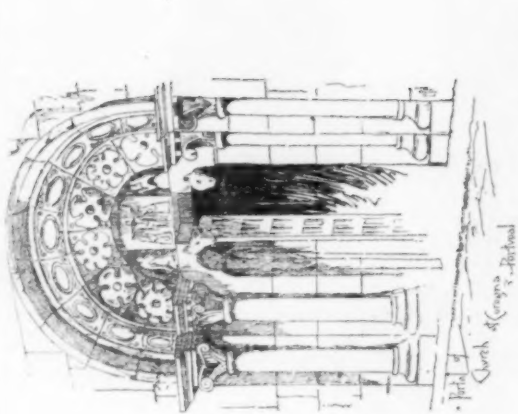
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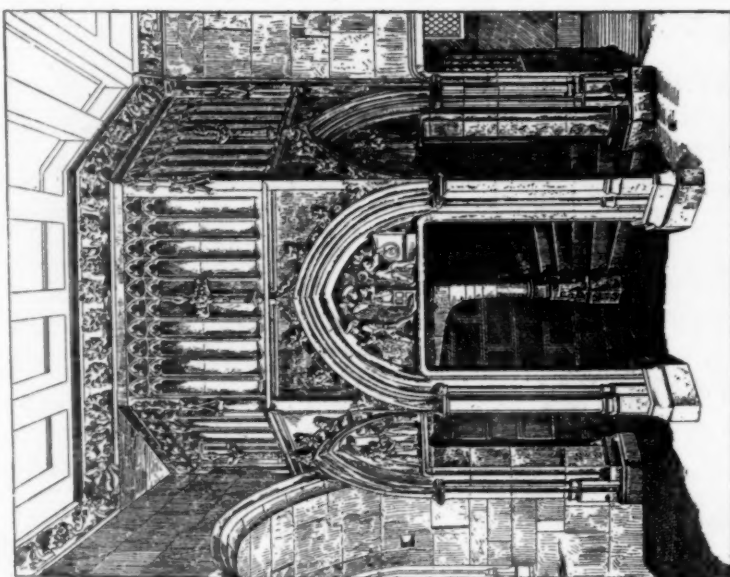
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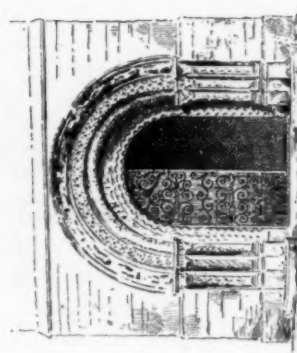
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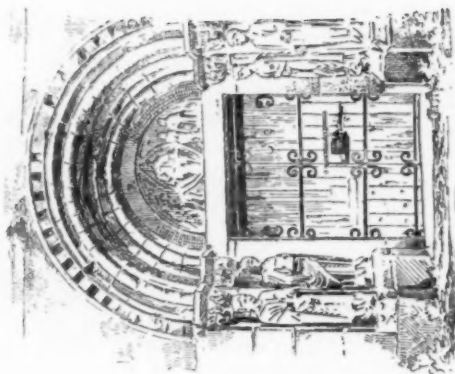
South Doorway, Church of S. Maria, Belem, Portugal.



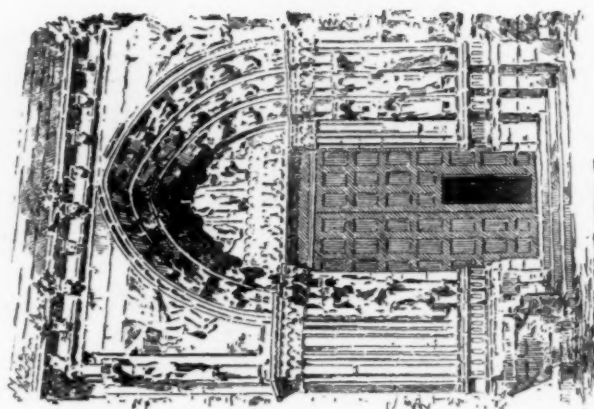
Stairway in House of Jacques Coeur, Bourges, France.



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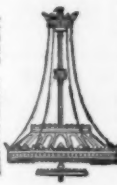
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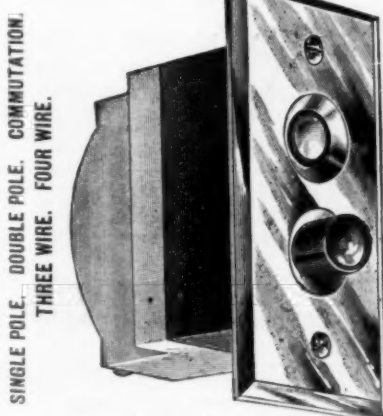


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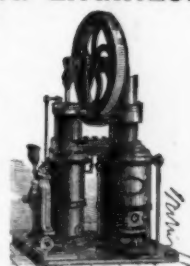
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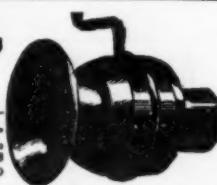


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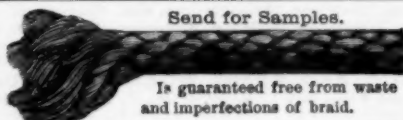
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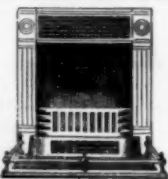
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cost, \$25,000; owner, Jos. F. Butterweiser, 237 East Sixtieth St.; architect, G. F. Pelham, 1481 Broadway.

One Hundred and Twentieth St., n s, 250' w Eighth Ave., 2 five-st'y brick flats, tin roofs; cost, \$50,000; owner, John Shields, 7 East One Hundred and Twelfth St.; architect, John C. Burne, 101 West Forty-second St.

Columbus Ave., n e cor. Sixty-eighth St., 2 five-st'y brick flats, tin roofs; cost, \$50,000; owner, Edward Kilpatrick, 50 West Sixty-seventh St.

Sixty-sixth St., s s, 125' w Eighth Ave., 2 five-st'y brick flats, tin roofs; cost, \$42,000; owner, Joseph Schreimer, Jr., 110 West One Hundred and Twenty-first St.; architect, John Hauser, 1441 Third Ave.

Eighty-seventh St., n s, 283' e Third Ave., 3 five-st'y brick flats, tin roofs; cost, \$78,000; owner, John Schreimer, Jr., 110 West One Hundred and Twenty-first St.; architect, John Hauser, 1441 Third Ave.

Sixty-eighth St., n s, 75' w First Ave., five-st'y brick flat, tin roof; cost, \$18,500; owner, John Schreimer, Jr., 110 West One Hundred and Twenty-first St.; architect, John Hauser, 1441 Third Ave.

First Ave., 98' 9" s Sixty-eighth St., five-st'y brick flat, tin roof; cost, \$23,000; owner, John Schreimer, Jr., 110 West One Hundred and Twenty-first St.; architect, John Hauser, 1441 Third Ave.

East Eighty-second St., No. 514, five-st'y brick flat, tin roof; cost, \$20,000; owner, Barnett Cohen, 213 East Sixty-eighth St.; architects, Horenburger & Straub, 122 Bowery.

Eighty-eighth St., s s, 184' 5" e Park Ave., five-st'y brick flat, tin roof; cost, \$28,000; owner, Lillie Donnelly, 606 East Eighty-fourth St.; architect, Edward Wenz, 1491 Third Ave.

St. Louis, Mo. — Two two-st'y flats, s s Missouri St., bet. Russell and Jefferson Aves.; cost, \$7,500; owner, Jno. Kladt; contractors, Wm. Yoke & Co.

Two-st'y flat, s s Adams St., bet. Leffingwell and Jefferson Aves.; cost, \$4,500; owner and contractor, John Farrell.

Two-st'y flat, Cate Brillante St. and Taylor Ave.; cost, \$8,000; owner, Lovina Mullien; contractor, J. Gleason.

CHURCHES.

Anniston, Ala. — The First Presbyterian congregation will, it is stated, build a church, to cost about \$20,000.

Brooklyn, N. Y. — Lewis Ave., s e cor. Madison St., one-st'y brick church, slate roof; cost, \$60,000; owner, A. G. Binkerhoff, Chairman, 459 Putnam Ave.; architect, O. S. Teall, 126 Liberty St., New York City.

Chester, Delaware Co., Pa. — Providence Ave. and Fifteenth St., Episcopal Sunday School Building; builders, Geo. Crothers & Bro., Upland, Delaware Co., Pa.

Edge Hill, Montgomery Co., Pa. — Building for the Carmel Presbyterian Church; pastor, Rev. Mr. Wicker.

Lock Haven, Clinton Co., Pa. — East Main St., building for the Methodist congregation; pastor, Rev. N. H. Schenk.

FACTORIES.

Boston, Mass. — Field St., Nos. 47-49, Ward 22, two-st'y brick factory, flat roof, 40' x 93.7'; owners, T. W. Norman & Co.; builders, John Alden and J. E. McCoy.

Chicago, Ill. — N. K. Fairbanks & Co., five-st'y factory, 222-230 East Nineteenth St.; cost, \$65,000.

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(Factories Continued.)

Philadelphia, Pa.—North Tenth St., No. 217, two-
story brick and sandstone factory; architect, E. P.
Gallagher, 1021 Hunter St.; builder, G. C. Gal-
lagher.
Canal St., s. s. e. Lawrence St., two-story brick
factory; owners, Bodenster & Co., Lawrence and
Canal Sts.

Second St., e. s. n. Tioga St., three-story brick fac-
tory; builder, Harry Brocklehurst, 514 Norris St.
Ella St., w. s. e. Emerald St., three-story brick fac-
tory; builder, Geo. Kessler, 1542 Franklin St.

HOTELS.

Brigantine, Atlantic Co., N. J.—Hotel; owners,
Brigantine Land Co.

Chicago, Ill.—Thomas O'Neill, hotel, 121-123 Twenty-
second St.; cost, \$17,000.

Parkside, Bucks Co., Pa.—Hotel; owner, P. S.
Cressman.

HOUSES.

Allegheny, Allegheny Co., Pa.—Ridge Ave.,
dwelling; owner, Gen. Fitzhugh.

Ambler, Montgomery Co., Pa.—Stone dwelling;
owner, Albert Beck.

Asbury Park, Monmouth Co., N. J.—Third Ave.,
cottage; for Miss L. Doren.

Baltimore, Md.—Elmsroad & Hammen, 14 two-story
brick buildings, n. s. Preston St., e. North St.; and
19 two-story brick buildings, s. s. Preston St., e. North
St.

Jno. Kram, 12 two-story brick buildings, w. s. Port
Alley, bet. Fairmount Ave. and Fayette St.

Chas. A. Flagg, 11 two-story brick buildings, e. s.
Canton St.; 5 two-story brick buildings, s. s. Alice-
anna St.; and 5 two-story brick buildings, w. s. Robin-
son St., n. Lancaster St.

O. P. Roberts & Bros., 10 two-story brick buildings,
w. s. East Ave., bet. Lancaster and Hudson Sts.

A. A. Reinhardt, three-story brick building, n. e. cor.
Calvert and Federal Sts.; three-story brick building,
s. e. cor. Calvert and Lanvale Sts.; 5 three-story brick
buildings, n. s. Townsend St., bet. Guilford Ave. and
Calvert St.; and 20 three-story brick buildings, e. s.
Calvert St., n. Federal St.

S. D. Price, 9 two-story brick buildings, e. s. Hol-
brook St., bet. Federal and Lanvale Sts.

Jos. D. Kelley, three-story brick dwelling and store,
s. w. cor. York Road and Twenty-fifth St.; and 8
three-story brick buildings, s. s. Twenty-fifth St.,
adjoining.

Thos. F. Locke, 3 three-story brick buildings, e. s.
Linden Ave., n. North Ave.

Chas. Gerwig, 12 three-story brick buildings, n. s.
North Ave., beg. n. e. cor. Guilford Ave.

Adam Miller, 13 two-story brick buildings, n. s.
Oxford St.; 5 two-story brick buildings, w. s. Frisby
St.; and 5 two-story brick buildings, e. s. Boone St., e.
York Road.

George B. Spedden, 10 three-story brick buildings,
n. s. Twenty-second St., beg. n. w. cor. Guilford Ave.;
and 4 three-story brick buildings, w. s. Guilford Ave.,
n. Twenty-second St.

Frank H. Calloway, 2 three-story brick and frame
buildings, beg. s. w. cor. North Ave. and Ninth St.

Lemuel German, 8 two-story brick buildings, n. s.
Huntington Ave., w. Twenty-eighth St.

W. H. Henry, three-story brick building, w. s. St.
Paul St., bet. Twenty-sixth and Twenty-seventh
Sts.

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Boston, Mass.—Washington St., cor. School St.,
Ward 23, 2 four-story brick dwellings and a store, flat
roofs, 46' x 68' and 45' x 65'; owners, D. T. & W. S.
Littlefield; builders, Chute & Baytor.

Boylston St., s. s. Ward 23, 3 three-story brick
dwellings, flat roofs, 19' x 34'; owner, Bennett Nor-
wich; builders, G. M. Fernald & Son.

Howell St., near Boston St., three-story frame
dwelling, flat roof, 27'8" x 50'; owner, C. C. Smith.

Edison St., near Milton Ave., Ward 21, frame
dwelling, 20' x 33'; owner, Thomas Tobin; builders,
Cummings & Moonham.

East Fifth St., Nos. 420-426, Ward 24, 4 two-story
brick dwellings, flat roofs, 20' x 37', 23' x 55'; owner,
Perkins Institution; builder, L. Melnoes.

Pope St. Ct., near Pope St., Ward 1, two-story
frame dwelling, flat roof, 15' x 25'; owner, Dennis
Noonan; builder, A. McDonald.

Blackwell St., near Neponset Ave., Ward 24,
frame dwelling, 21' x 30'; owner, H. B. Blackwell;
builders, J. A. Vickery & Son.

West Park St., near Herbert St., Ward 24, frame
dwelling, 30' x 45'; owner and builder, W. L. Terhune.

Dacia St., near Dalmatia St., Ward 20, three-story
frame dwelling, flat roof, 23' x 42'; owner, W. Lyons;
builders, McKay Bros.

Paul Gore St., near Centre St., Ward 23, frame
dwelling, 27' x 52'; owner, W. H. Hoy; builder, Jos.
Bulley.

Birch St., near Dudley Ave., Ward 23, frame
dwelling, 22' x 26'; owner, R. J. Stronge; builder, W.
C. Johnson.

Kent St., No. 34, Ward 20, three-story frame
dwelling, flat roof, 33' x 40'; owner, Luke Kilduff.

Roslin St., near Hauley St., Ward 24, three-story
frame dwelling, pitch roof, 23'6" x 36'6"; owner, Mary
C. Hartford; builder, G. W. Oliver.

Collins St., near Austin Ave., Ward 1, frame
dwelling, 23'6" x 39'6"; owners, Boston Land Co.;
builder, P. M. Hagan.

Mellen St., near Ocean St., Ward 24, frame
dwelling, 28' x 34'; owner, H. L. Farnham; builder,
W. P. Jenkins.

Neponset Ave., near Minot St., Ward 24, three-story
frame dwelling, flat roof, 27' x 60'; owner, Samuel
Craddock; builders, Bowland & Alger.

Paul Gore St., near Chestnut Ave., Ward 23, two-
story frame dwelling, hip roof, 40' x 41'8"; owner, J. H.
Murray.

Boston St., cor. Bellflower St., Ward 15, frame
dwelling, flat roof, 30' x 36'; owner, Charles Flynn;
builder, C. S. Stronach.

Falcon St., No. 33, Ward 1, three-story frame
dwelling, flat roof, 22' x 52'; owner, John Foley;
builder, Wilbur Goodwin.

Bennington St., Nos. 571-577, Ward 1, 4 two-story
frame dwellings, flat roofs, 21' x 50'; owner and
builder, Albion Johnson.

Brookline, Mass.—Addington Road (Aspinwall
Hill), dwelling, 33' x 45', 22' x 24'; old colonial style;
of Bedford limestone and buff-colored brick; slate
roof; owner, Mrs. André Gleriet; builder, J. A.
Melsaacs; architects, H. M. Stephenson and G. A.
Ballantine, Boston.

Brooklyn, N. Y.—Bergen St., n. s. 29' w. Nostrand
Ave., 4 three-story brick dwellings, tin roofs; cost,

BUILDING INTELLIGENCE.

(Houses Continued.)

\$7,000 each; owners, J. H. Dougherty & Bros., 286
Flatbush Ave.; architect, Wm. Coots, 189 Montague
St.

Bainbridge St., n. s. 297 e. Stuyvesant Ave., 4 two-
and-one-half-story brick dwellings, tin roofs; cost,
\$4,500 each; owner, Fred B. Norris, 397 Macon St.

De Kalb Ave., n. s. 200' w. Knickerbocker Ave., 2
four-story frame dwellings, tin roofs; cost, \$6,000 each;
owner, C. Kanoofsky, 104 Forrest St.; architect, N.
B. Wills, 504 Hart St.

Barbey St., e. s. 60' s. Blake Ave., two-story frame
dwelling, shingle roof; cost, \$3,300; owner, Wm.
Harrison, Blake and Jerome Sts.

Van Voorhis St., n. s. 160' e. Central Ave., 2 two-
story frame dwellings, tin roofs; cost, \$3,500 each;
owner and builder, P. Steingotter, 1354 Bushwick
Ave.; architect, Th. Engelhardt, 905 Broadway.

Bergen St., s. s. 20' w. Howard Ave., 5 two-story
frame dwellings, tin roofs; cost, \$1,500 each; owner
and builder, Peter Modeste, 387 Marion St.

Belmont Ave., n. s. 40' e. Chestnut St., 2 two-story
frame dwellings, shingle roofs; cost, \$2,500 each;
owner, W. H. Niles, Atlantic and Van Siclen Aves.;
architect, Wm. Daumar.

Worcester, Mass.—Crystal St., three-story frame
dwelling; owner, J. C. Ellis; contractor, A. S. Gates;
architects, Barker & Nourse.

Bancroft St., one-and-one-half-story frame dwelling;
owner, J. Egan; contractor, Geo. Pierce.

Hadwen Lane, two-story frame dwelling; owner, Geo.
E. Walker; contractor, O. C. Thayer.

Tainter St., 3 three-story frame dwellings; owner, G.
Fournier; contractors, Godfrey & Fournier.

Chandler St., two-story frame dwelling; owner, F.
Beaumont; contractors, Lackey & Peters.

Grand St. Pl., three-story frame dwelling; owner, E.
D. Cheney; contractors, Lackey & Peters.

Shattuck St., two-story frame dwelling; owner and ar-
chitect, J. P. Coombs; contractor, C. A. Colburn.

Dean St., two-story frame dwelling; owner, J. E.
Bacon; contractor, B. W. Stone.

Gardner St., three-story frame dwelling; owner, J.
Mann; contractor, P. T. Hogan.

Randall St., one-and-one-half-story frame dwelling;
owner, C. E. Slocum; contractor, W. H. Howe.

Burncoat St., one-and-one-half-story frame dwelling;
owner and contractor, A. W. Davis.

Moreland St., one-and-one-half-story frame dwelling;
owner, W. A. Brigham; contractor, M. P. Crafts.

Norlands, one-story frame dwelling; owner, J. B.
Springear; architects, Geo. & J. P. Kingston; con-
tractors, J. G. & G. Hadley.

Hacker Ct., two-and-one-half-story dwelling; owner,
Thos. Tobin; architects, Geo. & J. P. Kingston;
contract not let.

Glen St., one-story frame dwelling; owner, J. Kan-
z; architects, Geo. & J. P. Kingston; contractor, E.
Belisle.

North St., three-story frame dwelling; owner, Mrs.
Catherine McDermott; contractors, Yates & De-
laney.

North Ave., two-story frame private dwelling; owner,
A. B. Hall; architects, Fuller & Delano; day work.

Windsor St., two-story frame dwelling; owner and
contractor, H. B. Pender; contractors, Yates &
Delaney.

STORES.

Boston, Mass.—Lincoln St., Essex St., Essex Pl., and Tufts St., Ward 10, six-sty brick and stone store, flat roof, 150' x 209'; owner, F. L. Ames.

Brooklyn, N. Y.—Bergen St., n w cor. Nostrand Ave., four-sty brick store and dwell., tin roof; cost, \$12,000; owners, J. H. Dougherty & Bros., 286 Flatbush Ave.; architect, Wm. Coots, 189 Montague St. Linwood St., n e cor. Fulton St., and Hendrix St., n e cor. Fulton St., three-sty frame stores and dwells., tin roofs; total cost, \$11,000; owners, architects and builders, Gascoine & Hornby, 1223 Bushwick Ave.

Cook St., s s, 25' w Morrill St., five-sty brick store and dwell., tin roof; cost, \$9,000; owners, Wexler Bros., Keuff & Poetock, 396 Wallabout St.; architect, Hugo Smith, 10 Moore St.

Nostrand Ave., Nos. 111-113, 2 four-sty brick stores and dwells., asphalt roofs; cost, \$6,000; owner, John Clark, 675 Willoughby Ave.

Varet St., s s, 316' w White St., four-sty brick store and dwell., tin roof; cost, \$8,000; owner and builder, H. Schlachter, 169 Stockholm St.; architect, Th. Engelhardt, 905 Broadway.

Bedford Ave., w s, 50' n North Eleventh St., 3 four-sty brick stores and dwells., tin roofs; cost, \$7,000; owner, Peter N. Phillip, Long Island City; architect, Hugo Smith, 10 Moore St.; builders, J. M. Phillips Sons, 108 Meserole Ave.

Thatford Ave., e s, 25' n Sutter Ave., three-sty frame store and dwell., tin roof; cost, \$5,500; owners, Levin & Gettelson, Thatford Ave.

Grand St., n s, 25' e Ewen St., three-sty frame store and dwell., tin roof; cost, \$5,000; owner, F. Zimmer, 726 Grand St.; architect, F. J. Berlenbach, Jr., 260 Graham Ave.

Eastern Parkway, n w cor. Montauk Ave., 4 three-sty frame stores and dwells., tin roofs; total cost, \$16,000; owners, E. Sutterlin and Louis Feldman, Russell Pl.; architect, Chas. Infanger, 126 Van Siclen Ave.

Fourth Ave., s e cor. Forty-ninth St., four-sty brick store and dwell., tin roof; cost, \$10,000; owner, John Dobbins, Third Ave. and Fiftyth St.; architect, H. L. Spicer, Third Ave. and Fifty-third St.

Chicago, Ill.—W. A. Pridmore, 2 two-sty stores and flats, 101-108 Seventy-fifth St.; cost, \$15,000.

John Krosik, three-sty store and flats, 428 Seventeenth St.; cost, \$6,000.

Charles Bradley, 2 one-sty stores, Sixtieth St. and Sheridan Ave.; cost, \$3,000.

W. Hiet, one-sty store, 392-394 Thirty-fourth St.; cost, \$10,000.

Henry Huelhausen, two-sty store and flats, 956 Fifty-first St.; cost, \$3,000.

Martin Tarull, two-sty store and flats, 193 Flournoy St.; cost, \$5,000.

Michael Gormar, two-sty store and flats, 3035 Keely St.; cost, \$4,000.

Cincinnati, O.—S. S. Kittredge, five-sty brick and stone store, etc., n s s Fourth St.; cost, \$25,000; architect, S. S. Godley.

New York, N. Y.—Wooler St., Nos. 101-103, seven-sty brick store, tin roof; cost, \$55,000; owner, Leon Tanenbaum, 161 East Sixty-fourth St.; architects, Buchman & Deisler, 8 West Twenty-ninth St.

Philadelphia, Pa.—North Eleventh St., No. 20, four-sty brick and stone store; architects, Collins & Autenreith, 410 Walnut St.; owner, Charles Lentz.

St. Louis, Mo.—Two-and-one-half-sty store and dwell., w s Garrison St., bet. Benton and Montgomery Sts.; cost, \$2,640; owner, S. Huessler; contractor, Jno. C. Hacker.

WAREHOUSES.

Baltimore, Md.—Wm. P. Clotworthy will build four-sty brick warehouse at 19 Balderston St., bet. Light and Charles Sts.

Philadelphia, Pa.—Berks St., n s, e Marshall St., four-sty brick warehouse; owner, J. C. Klander.

Ninth St., e s, bet. Wallace St. and Fairmount Ave., one-sty brick warehouse; owner, Reading Railroad; for use of United States Express Company.

MISCELLANEOUS.

Brooklyn, N. Y.—Twenty-fifth St., foot of, s s, one-sty frame hay storage house; cost, \$6,000; owners, Wallkolere & Bloomingdale, on premises; architect, Daniel Ryan, 721 Third Ave.

Chicago, Ill.—International Sunday School, two-sty Sunday-school house, 5734 Stony Island Ave.; cost, \$25,000.

World's Fair Encampment, two-sty kitchen, Seventy-first St. and Bond Ave.; cost, \$2,500.

New York, N. Y.—Clinton St., No. 67, six-sty brick workshop, tin roof; cost, \$10,000; owner, Samuel Greenwald, 137 Rivington St.; architects, Horenburger & Straub, 122 Bovey.

Houston St., No. 404-406, six-sty brick workshop, tin roof; cost, \$15,000; owner, William Lane, 151 East Twenty-fifth St.; architect, Frederick Jenth, 191 Forsyth St.

East Eightieth St., No. 221, four-sty brick workshop, tin roof; cost, \$4,500; owner, Thomas McQuade, 221 East Eightieth St.; architect, J. H. Valentine, One Hundred Twenty-first St. and St. Nicholas Ave.

Third Ave., w s, 260' s One Hundred and Thirty-fourth St., brick workshop, tin roof; cost, \$15,000; owner, Mariana S. Mott, One Hundred and Thirtieth St. and Fifth Ave.; architect, A. G. Thomson, 84-90 Beekman St.

Philadelphia, Pa.—Broad St., n e cor. Olive St., two-sty brick market-house; architect, J. Franklin Stuckert, 49 North Thirteenth St. Cumberland and Fourth Sts., four-sty elevator and shaft; builders, Wm. Steele & Son, 506 Walnut St.

Providence, R. I.—Beach St., s s, four-sty brick building; owners, Brow & Sharpe; builders, Norcross Bros.

Scranton, Lackawanna Co., Pa.—New building for the men; owners, Directors of the Poor.

St. Louis, Mo.—Business building, n s Franklin St., bet. Tenth and Eleventh Sts.; cost, \$9,000; owner, Thomas Dunn; contract, sub-let.

Laundry, s e cor. Cardinal and Chestnut Sts.; cost, \$20,000; owner, Grand Laundry Co.; contractor, H. Thomson.

Worcester, Mass.—Chas. R. Clemence, formerly foreman of Abraham Steers' large finish factory at New York, has entered partnership with his brother, Geo. H. Clemence in this city. The firm will be known as Geo. H. Clemence & Co., architects. Mr. Chas. Clemence has held similar positions with Norcross Bros. and Darling Bros., contractors of this city, besides several prominent architects.

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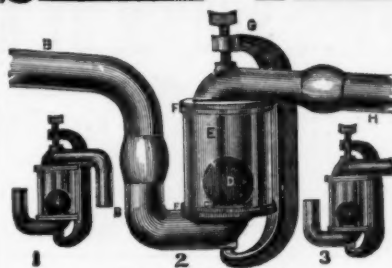
DISPENSARY.

[At Terre Haute, Ind.]

The Rose Dispensary of Terre Haute, Ind., will erect a building, to cost \$35,000, and will receive plans up to

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Architects wishing to submit plans will address M. S. Durham, Secretary, Terre Haute, Ind., for particulars.

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LIBRARY BUILDING.

[At Augusta, Me.]

The Trustees of the Lithgow Library and Reading-room Association of Augusta, Me., invite the submission of plans for a library building, to be built of granite and erected at Augusta, Me., to cost twenty-five thousand dollars (\$25,000).

Plans to be submitted by the 15th of July, 1893. The terms of submission and details, as far as determined upon by the Trustees, will be furnished upon application to the Secretary.

LENDALL TITCOMB, Secretary,
910
Augusta, Me.

PROPOSALS.

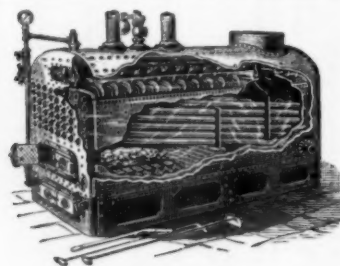
Treasury Department, Office Supervising Architect, Washington, D. C., May 10, 1893. Sealed proposals will be received at this office until 2 o'clock P. M. on the 21st day of June, 1893, and opened immediately thereafter, for all the labor and material required for the trench excavation, foundations, basement and area walls, basement columns and first-floor iron beams of the United States Post-office building at Chester, Pa., in accordance with drawings and specification, copies of which may be had at this office, or the office of the Superintendent, at Chester, Pa. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids, or to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes, sealed and marked "Proposal for the Trench Excavation, Foundations, Basement and Area Walls, etc., of the United States Post-office building at Chester, Pa.," and addressed to JEREMIAH O'ROURKE, Supervising Architect.

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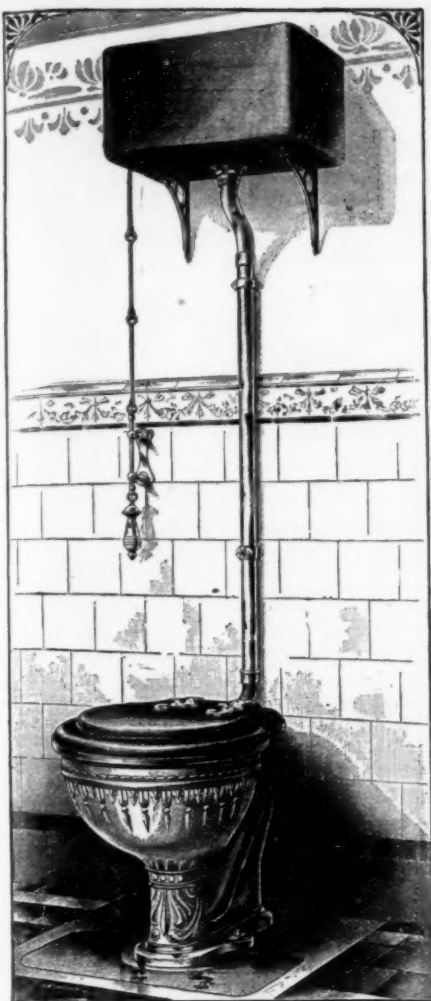
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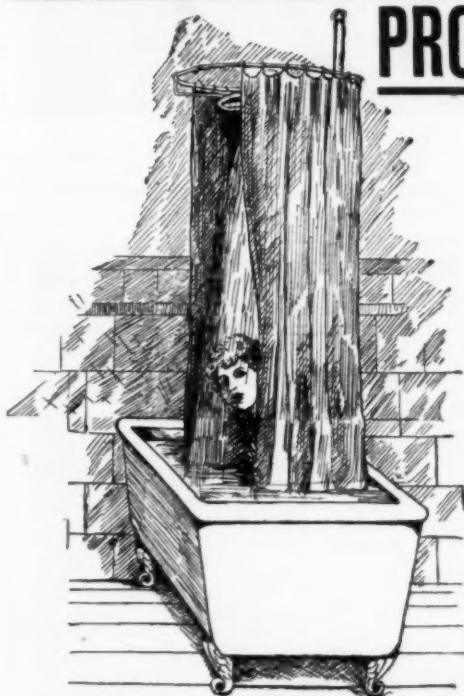


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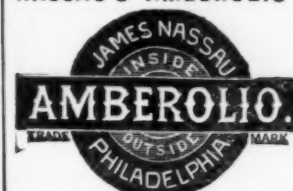
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NEW YORK, February 25, 1892.

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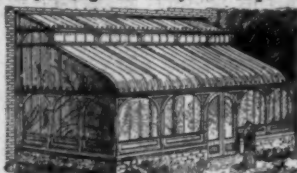
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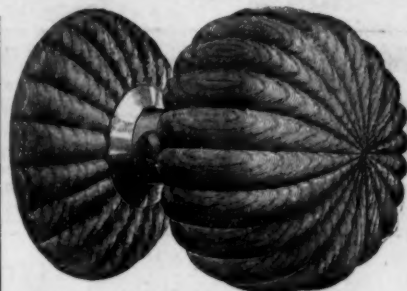
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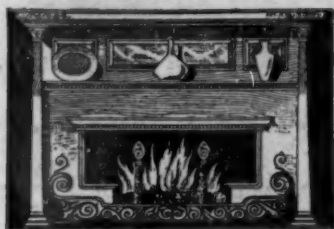
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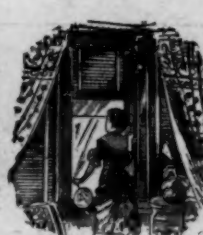
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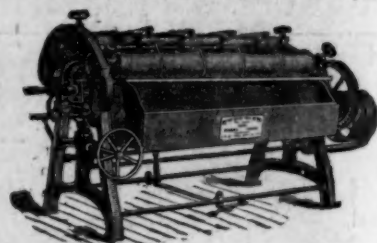
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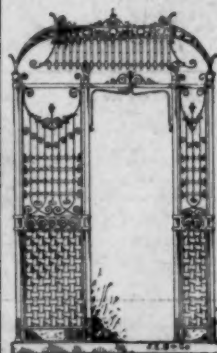
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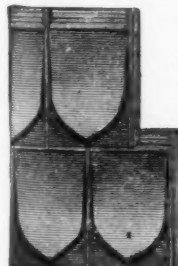
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Spruce.....

Framing Timber:

Pine.....

Spruce.....

Hemlock.....

Yellow pine.....

Laths:

Pine.....

Spruce.....

Shingles:

Pine, shaved.....P. M.

Pine, sawed.....

Spruce, sawed.....

Redwood.....P. M.

Cedar split.....P. M.

Cedar sawed.....

Cypress, Split.....7 x 24.

Miscellaneous:

Piles.....P. ft.

Fence pickets, Common.....

Cedar posts, 9 ft. (sq. posts).....

Chestnut posts.....

Finishing Woods: P. M. (First Qual.)

Ash.....(Kiln-dried.)

Cherry.....

Butternut.....

Hard-pine floors (rift).....

Mahogany, Baywood (Mexican).....

Maple.....

Oak, red.....

" white.....

" quartered.....

Sycamore quartered.....

Pine, clear.....

Redwood.....P. M.

Rosewood.....

Spruce floors (clear, kiln-dried).....

Walnut, black.....

Whitewood.....

Yellow pine.....P. M.

New York.

(Wholesale Prices.)

65 00 @ 75 00

55 00 @ 60 00

18 00 @ 22 00

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20 @ 40

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Boston.

(Prices to Builders and Contractors.)

55 00 @ 70 00

42 00 @ 50 00

35 00 @ 40 00

14 50 @ 25 00

13 00 @ 15 00

25 00 @ 35 00

31 00 @ 40 00

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Chicago.

(Prices to Builders and Contractors.)

42 00 @ 50 00

27 00 @ 38 00

14 00 @ 20 00

Not sold.

16 00 @ 20 00

11 25 @ 13 50

21 00 @ 34 00

18 00 @ 34 00

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Philadelphia.

(Prices to Builders and Contractors.)

48 00 @ 55 00

40 00 @ 45 00

30 00 @ 35 00

16 00 @ 20 00

11 25 @ 13 50

14 00 @ 20 00

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- PHOTO-COLOR-LITHOGRAPH.
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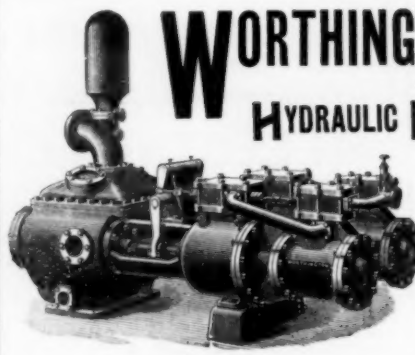
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BRICK.—P. M.				
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Fale.....	2 50 @ 2 75	Eastern } 9 00 @ 10 00 }	Building Brick	Sq. Hard @ 9 00
Jersey.....	5 50 @ 6 00		@ 5 00	Salmon @ 5 00
Long Island.....	@			Sq. " @ 9 00
Up River.....	6 00 @ 6 50			Light Stretchers @ 10 00
Haverstraw Bay 2d.....	6 25 @ 6 50	Domestic Com. 9 50 @ 10 00	Indiana Pressed 14 00 @ 20 00	Medium " @ 12 00
" 1st.....	6 50 @ 6 75	Domestic Face 20 00 @ 22 00	St. Louis Fronts @ 27 00	Red " @ 13 00
Hollow.....	@ 13 00			Dark " @ 13 00
Fronts:				Pressed 18 00 @ 20 00
Croton, Brown.....	@ 12 00			Best Paving @ 14 00
" dark.....	@ 13 00			Second " @ 13 00
" red.....	@ 13 00			Third " @ 12 00
Chicago pressed (Anderson).....				Dom. { @ 65
" Moulded.....				@ 120 00
Baltimore.....	37 00 @ 41 00			
Philadelphia.....	23 00 @ 24 00			
Trenton.....	@ 19 00			
Milwaukee.....				
Moulded:				
Glens Falls Red Pressed.....	@ 37 00			
" Buff.....	@ 30 00			
" Moulded Red & Buff.....	45 00 @ 70 00			
Enamelled: Imp.				
Enamelled (edge).....	85 00 @ 100 00			
Enamelled (edge and end).....	90 00 @ 115 00			
CEMENT, LIME, etc.—(P. coast.)				
Rosendale Cement.....	95 @ 1 10	1 15 @ 1 25	Not sold.	1 30 @ 1 50
Louisville.....		Brooks, S. & Co.	1 05 @ 1 15	BS&Co 2 75 @ 3 00
Utica, Akron, Buffalo, Milw'kee.....	Not sold.	2 40 @ 2 75	1 00 @ 1 10	2 85 @ 3 25
Portland, English (Gibbs).....	2 25 @ 2 50	2 40 @ 2 75	3 00 @ 3 10	2 85 @ 3 15
" (K. B. & S.).....	2 50 @ 3 00	2 40 @ 2 75	3 00 @ 3 25	2 75 @ 3 00
" Black Cross.....	2 25 @ 2 50	2 40 @ 2 75	3 00 @ 3 25	2 85 @ 3 15
" (Burnham).....	2 50 @ 2 50	2 40 @ 2 75	2 90 @ 3 15	2 75 @ 2 85
" (White's).....	2 65 @ 3 00	2 40 @ 2 75	3 00 @ 3 25	
" French (Lafarge).....	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	
" German (Alsen).....	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	
" (Fewer).....	2 25 @ 2 40		3 20 @ 3 40	
" (Vorwöhler).....	2 50 @ 2 90			
" (Lagerdofer).....	@	2 40 @ 2 75	2 75 @ 3 00	
" (Dyckerhoff).....	2 60 @ 2 90	3 00 @ 3 50	3 25 @ 3 50	
" (Hanover).....	2 50 @ 3 00	Condor 2 50 @ 2 75	Not sold.	
" Stettin, (Anchor).....	2 35 @ 2 85	Wedge 2 40 @ 2 75	Not sold.	
" American (Saylor's).....	2 15 @ 2 25	2 15 @ 2 50	2 00 @ 2 70	
Roman.....	2 75 @ 3 00	@ 3 50	2 75 @ 3 25	
Keene's coarse.....	4 50 @ 5 00	@ 6 00	6 00 @ 7 00	
" superfine.....	5 00 @ 5 50	7 00 @ 9 00	9 00 @ 10 50	
Lime:				
Lime of Tell.....	3 50 @ 4 00			
Hydraulic Lime.....	@ 1 45	@ 1 35		
Chicago Lime in bulk.....		St. John 1 00	60 @ 70	
Wisconsin Lime.....	@ 80	@ 1 05	60 @	
Rockland and Rockport, (Com.).....	@ 95	@ 1 10	Not sold.	
Rockland and Rockport, finish.....	@ 1 20	@ 1 20	Not sold.	
Kelley Island Lime, finish.....	80 @ 85	Not sold.	1 00 bulk, 75c.	
State, com. cargo rates (nom.).....	1 05 @ 1 10	Not sold.	Not sold.	
Plaster of Paris (calcined).....	1 40 @ 1 50	1 85 @ 2 00	1 85 @ 1 90	
" (casting).....	1 40 @ 1 60	@ 2 25	1 85 @ 1 90	
Hair (Cattle) P bush.....	16 @ 18	25 @ 30	16 @ 20	
" (Goat).....	18 @ 21	@ 30	30 @ 35	
Sand, P load.....	1 00 @ 1 25	1 75 @ 1 90	@ 60	
STONE. (P cubic foot, rough.)				
Granite: (Maine)		@ 60		
Limestone:				
Bedford.....	45 @ 1 25	95 @ 1 00	50 @	
Joliet.....	1 00		35 @ 55	
Lemont.....			35 @ 60	
Serpentine.....		10 50 per ton	@ 1 00	
				55 @ 65
				75 @ 85
				Richmond 75 @ 1 50
				Perch 4 50 @ 5 50

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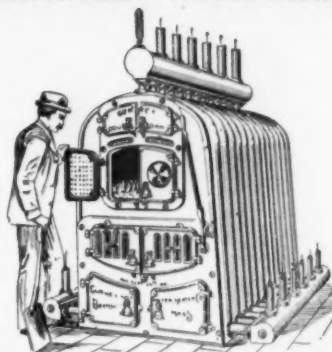
(Prices to Builders and Contractors,

Dimension.....	500 500	500 500	500 500	500 500
Block.....	4 60 500	4 60 500	4 60 500	4 60 500
Rubble.....	1 25 500	1 25 500	1 25 500	1 25 500
Flimestone: (P sq. ft.)				
Sidewalk.....	30 500	40 175	75 100	1 in. th. 10 25
Planed.....	50 6 00	75 75	50 100	37 50
Sandstone:				
Longmeadow.....	80 80	80 90	80 90	95 105
Kibbe.....	90 90	90 110	90 110	105 125
Brown (Connecticut).....	1 00 100	1 25 145	1 50 150	1 05 125
Amherst Ohio.....	90 95	90 100	45 50	85 95
Berea.....	75 100	85 90	45 55	55 75
Berlin.....	75 100	80 90	55 65	85 95
Belleville.....	80 125	1 25 135	1 25 135	100 110
New Brunswick (Dorchester).....	80 100	75 90	80 90	105 115
Caen.....	80 100	2 00 200	2 00 200	125 135
Carlisle, English.....	1 105	1 105	1 105	95 105
Corse Hill (Scotch).....	1 105	1 105	1 105	95 105
Marble: (P cu. ft.)				
Lee, Mass.....	1 75 250	1 75 250	1 75 250	2 00 250
Rutland, white and blue.....	1 25 175	1 25 175	1 25 175	2 00 300
Sutherland Falls.....	1 25 175	1 25 175	1 25 175	1 70 300
Glens Falls, black.....	1 25 175	1 25 175	1 25 175	4 00 450
Italian, blue-veined.....	1 25 175	1 25 175	1 25 175	2 50 275
" Sienna.....	1 25 175	1 25 175	1 25 175	4 00 500
Tennessee, red.....	1 25 175	1 25 175	1 25 175	4 00 600
" Knoxville.....	1 25 175	1 25 175	1 25 175	3 00 400
Pennsylvania, blue.....	1 25 175	1 25 175	1 25 175	2 00 300
Vermont, white.....	1 25 175	1 25 175	1 25 175	2 25 300
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	1 50 10 25
" black, Lohigh.....	4 25 4 75	4 25 4 75	6 25 6 85	2 25 4 00
" " Chapman.....	4 25 4 75	4 25 4 75	7 30 8 00	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.....	5 50 8 00	5 50 8 00	6 00 9 00	5 50 8 00
N. Peach Bottom, warranted unfading.....	5 50 8 00	5 50 8 00	6 00 9 00	5 50 8 00
PAINTS. (In Oil P lb.)				
White lead, Am.....	7 75	6 75	7 75	7 75
" zinc.....	5 75	6 75	5 75	7 75
Red lead, Am.....	6 75	6 75	6 75	7 75
" Venetian.....	6 75	6 75	6 75	7 75
" Vermillion.....	6 75	6 75	6 75	7 75
" Indian, Eng.....	12 20	12 20	12 20	12 20
Yellow Ochre.....	6 15	7 15	7 15	7 15
" Chrome.....	12 20	12 20	12 20	12 20
Green (chrome).....	25 40	25 40	18 35	18 35
Black, lamp.....	15 25	15 25	8 30	8 30
Blue, ultramarine.....	12 18	18 30	12 35	10 24
Oil, linseed, (raw).....	55 62	51 53	57 60	57 60
" " boiled.....	58 65	54 55	60 63	60 63
Turpentine.....	36 37	36 37	40 42	40 42
Varnish, coach.....	1 50 6 00	1 50 6 00	1 25 2 00	1 25 2 00
Shellac.....	2 50 3 00	2 50 3 00	2 25 4 00	125 300
Putty.....	2 50	2 50	2 50	150 300
Whiting.....	75 100	1 14	1 14	2 24
Paris white, (Eng.).....	1 30 2 00	2 24	1 14	1 14
Litharge, Am.....	54 6	6 7	6 7	1 14
Sienna (burnt).....	14 20	14 20	4 16	4 14
Umber.....	14 20	14 20	2 10	2 13
HARDWARE.				
Nails: (Per Cask.) Spikes, (torough.)	2 25	2 25	2 25	2 25
10d. common.....	2 25	2 25	2 25	2 25
Shingle.....	3 35	2 25	2 25	2 25
Lath.....	4 85	3 20	3 25	3 60 4 75
(Finishing nails according to size.)				
(For casing nails add 75 c. per keg.)				
Butts: 4" x 4".....	1 00	1 20	1 00	1 00
Plain.....	1 50	1 75	1 50	1 50
Japaned.....	1 50	1 75	1 50	1 50
Acorn, Japaned.....	1 50	1 75	1 50	1 50
Ball Tip, Boston Finish.....	65	65	65	65
Bronze metal.....	10	10	10	10
Brass (for cupboards).....	10	10	10	10
Ebony.....	10	10	10	10
Apple wood.....	10	10	10	10
Knobs: (P set.)				
Mineral, best.....	8	8	8	8
Lava.....	50	75	65	65
Hemacite.....	Not Sold.	17 33	31 40	25 50
Porcelain.....	30	10	25 30	25 50
Glass, solid.....	Not Sold.	50	Not Sold.	100 250
Glass, silvered.....	Not Sold.	88 100	1 150	1 75 200
Bronze metal.....	75 200	50 300	50 300	50 350
Brass.....	100 250	50 300	100 300	75 125
Solder:				
Sheet Lead.....	75	75	75	75
Lead Pipe.....	65	65	65	65
Iron:				
I-Beams, up to and including 30 ft.....	3 3-10 34	3 3-10	2 50 2 75	2 50 2 75
do. over 30 ft., 1/2 c. adv. for every 5 ft.	3 3-10 34	3 3-10	2 50 2 75	2 50 2 75
Channel Beams.....	3 3-10 34	3 3-10	2 50 2 75	2 50 2 75

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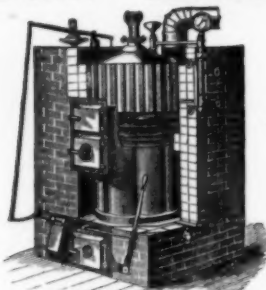
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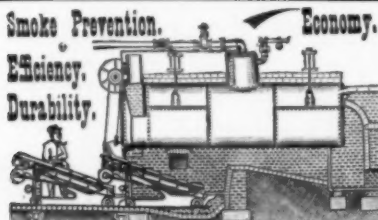
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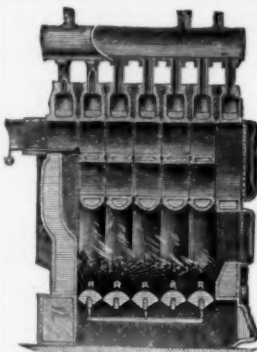
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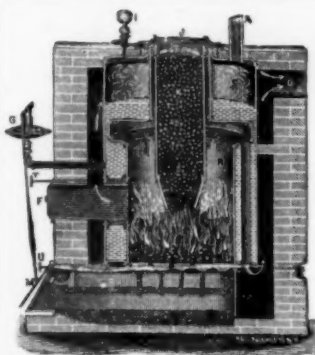
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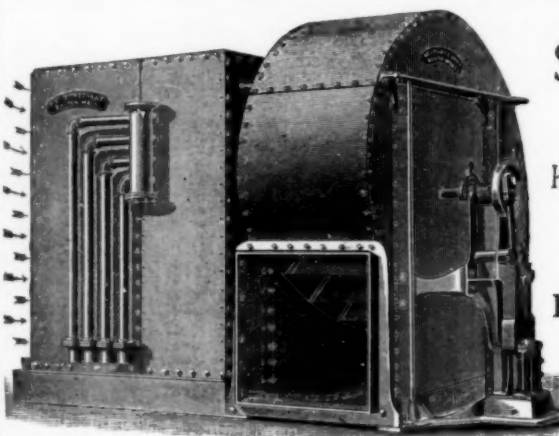
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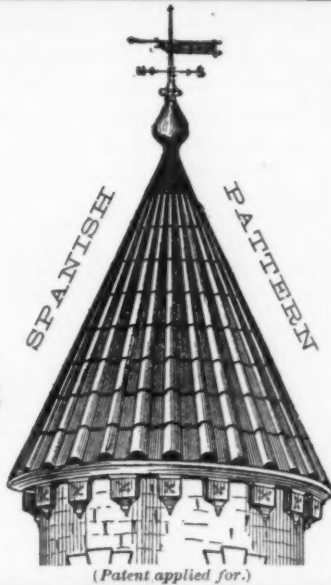


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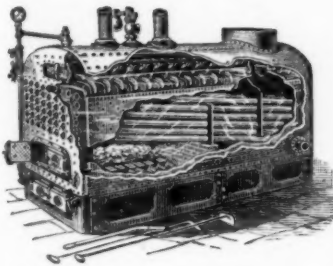
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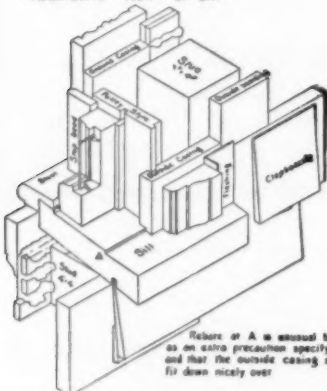
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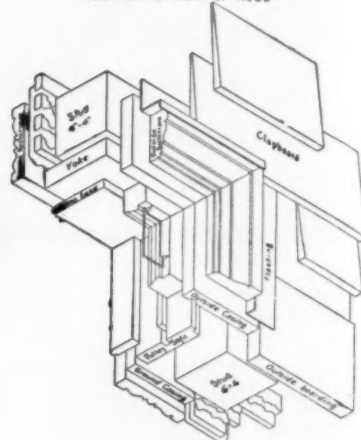
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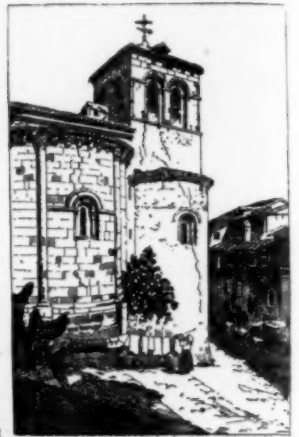
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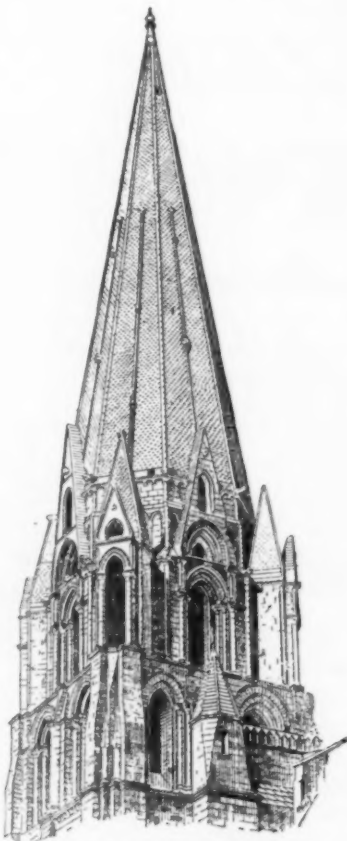
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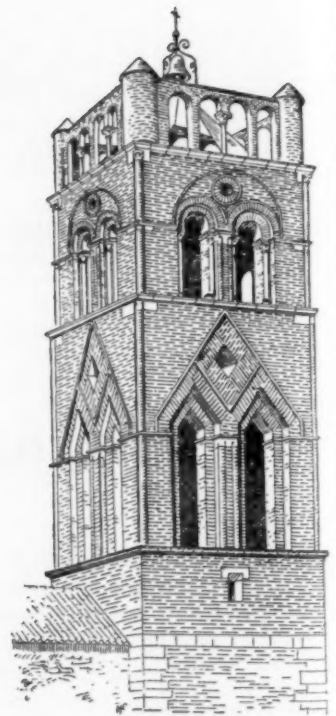
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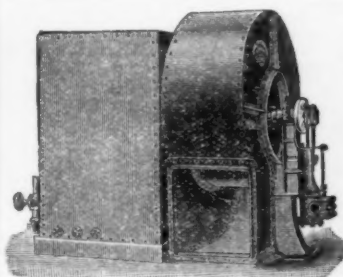
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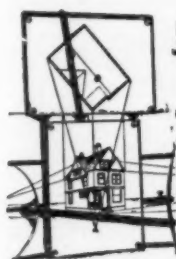
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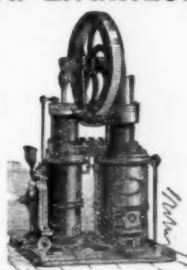


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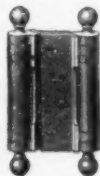
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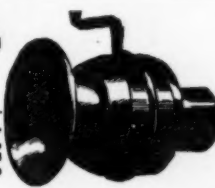
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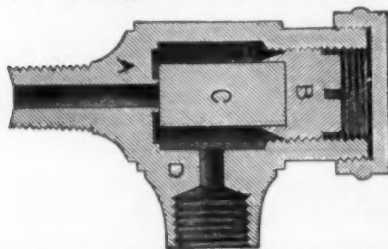
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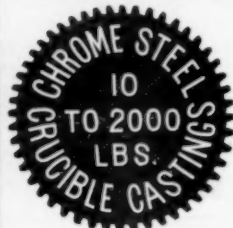


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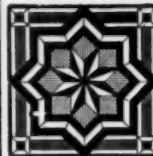
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(Alterations Continued.)

Chelsea, Mass.—Broadway, alterations to stores and apartments; three stories, flat roof, 32' x 70'; buff-colored brick, plate-glass fronts; owner, Geo. Cassell; contract to be let; architect, Daniel Howard Woodbury, Boston.

Chicago, Ill.—Elizabeth Haas, two-st'y addition, 1926-1932 Milwaukee Ave.; cost, \$8,000.
First Methodist-Episcopal Church of Moreland, two-st'y addition, Indiana Ave. and Forty-ninth St.; cost, \$3,000.

Germantown, Pa.—One-st'y brick addition to the Central Public School; owners, Thos. W. Wright & Son.

Philadelphia, Pa.—Market St., Nos. 1020-1024, exterior and interior alterations; owner, H. C. Lea; architects, Collins & Autenreith, 410 Walnut St.

State Road, w. s. Monroe St., addition to two-st'y stable; owner, M. Kerwick, Collegeville.
Woodland Ave. and Forty-ninth St., one-st'y addition to dwell.; builders, Thos. Little & Son, 217 Pear St.

Spruce St., No. 3907, alterations by George F. Payne & Co.

North Sixteenth St., No. 154, alterations to dwell. of E. S. Markley; architect, Thos. P. Lonsdale; builder, Jacob R. Garber, 52 North Thirteenth St.

Ontario St., n. s. w. Twenty-second St., addition to three-st'y brick school-house; builder, P. H. Somerset, 1513 North Twelfth St.

Moore St., s. s. w. Twenty-first St., addition to three-st'y school-house; builder, Charles O'Neill, 1216 South Broad St.

Rochester, N. Y.—Brick and stone annex to St. Patrick's Girls' Asylum; architects, A. I. Warner & Co.

York, Pa.—Remodelling of First Baptist Church; architect, Edwin F. Bertolotto, 1220 Filbert St.

APARTMENT-HOUSES.

Boston, Mass.—Bowdoin St., opp. Eaton Square, Ward 24, three-st'y frame apartments, flat roof, 23' x 60'; owner, D. F. Reardon; builder, W. Tobin.

West Second St., No. 115, Ward 13, three-st'y frame apartments, flat roof, 23' x 45'; owner, Mrs. M. Harrington.

Sterling St., Nos. 28-30, 2 three-st'y brick apartments, flat roofs, 20' x 40'; owner, O. H. Simmons; builder, T. R. White.

Brighton St., Nos. 130-132, Ward 8, 2 four-st'y brick apartments, flat roofs, 22' x 60'; owners and builders, A. Berkman and I. Richards.

Brooklyn, N. Y.—Eastern Parkway, s. s. 40' e Crystal St., 3 three-st'y frame flats, tin roofs; cost, \$4,000 each; owner and architect, M. F. Walsh, 74 Rockaway Ave.

Chicago, Ill.—Stanislaus Cholewski, two-st'y flats, 254 Ramsey St.; cost, \$5,500.

L. D. Robertson, 5 two-st'y flats, 7420-7428 and 7445 May St.; cost, \$20,000.

L. D. Robertson, two-st'y flats, 7418 Aberdeen St.; cost, \$4,000.

L. D. Robertson, two-st'y flats, 1350 Seventy-third St.; cost, \$4,000.

Kohn Hantak, five-st'y flats, 557 West Twentieth St.; cost, \$4,000.

Watson Hager, two-st'y flats, Arthur and Eighty-third Sts.; cost, \$4,000.

J. Burr, two-st'y flats, Eightieth St. and I. C. R. R.; cost, \$3,000.

Augustus Kleiser, three-st'y flats, 1428 Harvard St.; cost, \$4,000.

William McNally, three-st'y flats, 487 Robey St.; cost, \$6,000.

S. Bassi, two-st'y flats, 819 Dania Ave.; cost, \$3,500.

C. A. Nelson, three-st'y flats, 4523 St. Laurence Ave.; cost, \$4,000.

John Scott, three-st'y flats, 4525 St. Laurence Ave.; cost, \$8,000.

N. Minaker, 2 two-st'y flats, 7014-7016 Sherman St.; cost, \$4,000.

John Cuber, two-st'y flats, 7424 Storms Ave.; cost, \$7,300.

Houder & Eggert, 2 two-st'y flats, 666-668 Maplewood Ave.; cost, \$7,000.

S. Pelock, two-st'y flats, 510 Claremont Ave.; cost, \$4,000.

Anton Carlson, three-st'y flats, 541 West Erie St.; cost, \$8,000.

Komas Cameron, two-st'y flats, 3423 South Wood St.; cost, \$3,000.

Henry Barth, three-st'y flats and barn, 10 O'Connor St.; cost, \$7,000.

Frank Friby, two-st'y flats, 4625 Wood St.; cost, \$3,000.

G. E. Gavin, 2 two-st'y flats, 1388-1390 Jackson Boulevard; cost, \$10,000.

August Newman, three-st'y flats, 1029 West Twenty-first St.; cost, \$3,300.

Mary Matthews, four-st'y flats, 46 Vernon Park Pl.; cost, \$14,000.

William Thorson, two-st'y flats, 654 Davis St.; cost, \$3,400.

C. Gustafson, 6 four-st'y flats, 4500-4506 Vincennes Ave.; cost, \$75,000.

Fred Stans, three-st'y flats, 5637 Wabash Ave.; cost, \$9,000.

D. M. Hayes, two-st'y flats, 4188 Sherman St.; cost, \$3,500.

Henry Walnecke, three-st'y flats, 506 Drummond Ave.; cost, \$5,000.

J. W. Harshey, three-st'y flats, 803 West Adams St.; cost, \$18,000.

Charles Ostrand, three-st'y flats, 1512 George St.; cost, \$7,000.

Cincinnati, O.—F. Souhier, four-st'y brick and stone flats, 251 Cutter St.; cost, \$7,000; architects, J. & A. Brink.

New York, N. Y.—Sullivan St., No. 111, five-st'y brick flat, tin roof; cost, \$15,000; owner, Joseph Cellar, 111 Sullivan St.; architect, Robert Hankinson, 95 Watts St.

Ninety-second St., n. s. 150' e Second Ave., 5 five-st'y brick flats, tin roofs; cost, \$80,000; owner, John McLoughlin, 346 East Eighty-first St.; architect, Edward Wenz, 1491 Third Ave.

Avenue D, No. 9, five-st'y brick flat, tin roof; cost, \$20,000; owners, Well & Mayer, 227 East Sixtieth St.; architects, Schneider & Herter, 48 Bible House.

Lewis St., No. 142, five-st'y brick flat, tin roof; cost, \$20,000; owners, Well & Mayer, 227 East Sixtieth St.; architects, Schneider & Herter, 48 Bible House.

First Ave., w. s. 68' 4" n Sixty-eighth St., five-st'y brick flat, tin roof; cost, \$23,000; owner, John Schreimer, Jr., 104 West One Hundred and Twen-

(Apartment-Houses Continued.)

ty-third St.; architect, John Hauser, 1441 Third Ave.

One Hundred and Sixth St., s. s. 255' w Park Ave., five-st'y brick flat, tin roof; cost, \$22,000; owners, Costello & McManus, 175 Lexington Ave.; architect, John Hauser, 1441 Third Ave.

Amsterdam Ave., No. 1410, five-st'y brick flat, tin roof; cost, \$16,000; owner, Franz Schmitt, 206 East Ninety-third St.; architect, William Graul, 215 Bowery.

Rochester, N. Y.—Flats for Consolidated Gas Co.; cost, \$40,000; builders, Ellsworth & Grant.

Somerville, Mass.—Somerville Ave., cor. Allen St., three-st'y block of four frame apartments, flat roof, 57' x 92'; owner, Edward Colliton; builder, Sylvester Woods.

Worcester, Mass.—Green St., four-st'y brick apartment block; owners, Drs. J. H. Kelly and W. J. Delehanty; contractor, J. A. Brigham; architects, Barker & Nourse.

CHURCHES.

Asbury Park, N. J.—Plans for the new Presbyterian Church were prepared by Weary & Cramer, Akron, O.

Baltimore, Md.—Saviour's Mission will build two-st'y brick chapel, s. e. cor. Oliver and Register Sts.

Beverly, N. J.—A chapel will be built by the congregation of St. Stephen's Church.

Canton, Pa.—Methodist church; architect, Mr. Pierce, Elmira, N. Y.

Cincinnati, O.—Third M. E. German Church, brick and stone, s. w. McMillan Ave.; cost, \$19,000; architects, Sam. Hannaford & Sons.

East Camden, N. J.—Two-st'y frame church and school; architect, John D'Arcy, Camden.

East Mauch Chunk, Pa.—Building for the First Reformed congregation; architect, L. S. Jacoby, Allentown; builder, Chas. Neast.

Lancaster, Pa.—New building for the Reformed Church congregation; architect, John C. Smith, Harrisburg.

Malvern, Chester Co., Pa.—New church for the Presbyterian congregation.

Norristown, Montgomery Co., Pa.—The Christ Reformed Mission Chapel has been commenced by Howard M. Shambough.

Oil City, Venango Co., Pa.—Building will be built by the congregation of the Grace Methodist church; S. L. Maxwell can give information.

Philadelphia, Pa.—Hanover St., n. w. cor. Beach St., one-st'y chapel; Superintendent, J. M. Taylor.

Quakertown, Pa.—Plans for brick and stone church; for St. John's Reformed congregation; architect, M. B. Bean, Lansdale, Pa.

Rochester, N. Y.—Marble church for Third Presbyterian Church, cor. East Ave. and Meigs St., cost, including repairs to chapel, \$86,000; builder, H. H. Edgerton.

Brick and marble chapel for Presbyterian Church; architect, I. Foster Warner.

Spangler, Pa.—Frame church for the Catholic Church congregation.

Swissvale, Allegheny Co., Pa.—Church for the Methodist congregation.

Trenton, N. J.—Church for the Hamilton Ave. M. E. Church congregation.

Woodstown, N. J.—Church for the Methodist-Episcopal Church congregation.

FACTORIES.

Brooklyn, N. Y.—Atlantic Ave., n. s. 100' e Hoyt St., five-st'y brick bedding factory, asphalt and gravel roof; cost, \$11,000; owner, Mrs. Isabella Thompson, 400 Dean St.; architect, M. J. Morrill, 357 Fulton St.

Camden, N. J.—Delaware River and Second St., one-st'y brick factory; owner, A. Segal.

Cincinnati, O.—B. Duwell & Bro., four-st'y factory, 18 and 19 Kenner St.; cost, \$4,000; architect, Emil Baud.

Albert Bode, two-st'y brick and stone factory, s. w. Livingstone St.; cost, \$7,500; architects, J. H. Boll & Co.

Philadelphia, Pa.—Canal St., e. s. n. Beaner St., brick factory; builder, John Berner, 1320 Marshall St.

Somerset St., s. s. w. Trenton Ave., three-st'y brick factory and boiler-house; builder, E. Schwable, 1351 Mascher St.

St. Louis, Mo.—Furniture factory, e. s. Twenty-fifth St., bet. Palm and Malinckrad Sts.; cost, \$15,000; owner, Furniture Workers' Association; contractor, Aug. Winkel.

Worcester, Mass.—West Boylston St., one-st'y frame factory; owners, Morgan Spring Co.; contractors, Morgan Construction Co.

West Boylston St., one-st'y brick factory; owners, Morgan Spring Co.; contractors, Morgan Construction Co.

HOSPITALS.

Philadelphia, Pa.—Thomas and Fifty-eighth Sts., two-st'y hospital; builder, David S. Gendell, 2219 Chestnut St.

HOTELS.

Boise, Idaho.—W. S. Campbell, architect, has just completed plans for a hotel and store building for Albert W. Beck; three stories, brick and stone; cost, \$18,000.

Chicago, Ill.—H. Probasco, two-st'y hotel, 3836-3838 Rhodes Ave.; cost, \$4,500.

Philadelphia, Pa.—Ward and Clare Sts., six-st'y brownstone and brick hotel; owners, Plaza Hotel Co.; architect, F. Wm. Rumph, 337 Main St., Centennial Block, Paterson, N. J.

Trenton, N. J.—Hotel for Richard Barlow; architect, Charles Anderson, 145 East State St.

HOUSES.

Ambler, Pa.—Colonial dwell. for Mrs. H. C. Hart; builder, Joseph Dyson, Wayne, Pa.

Atlantic City, N. J.—Four-st'y frame dwell.; owner, O. A. Guttridge.

Three-st'y frame dwell.; owners, Idler & Dickey.

Baltimore, Md.—Louis E. Wetter, 22 two-st'y brick buildings, e. s. Addison Alley, n. Presbury St.; and 22 two-st'y brick buildings, w. s. Fulton Ave., n. Presbury St.

E. A. Chatard, 5 two-st'y brick buildings, w. s. Hanover St., beg. s. w. cor. Ostend St.

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(Houses Continued.)

Simon Cohen, three-sty brick dwell. and store,
525 North Gay St.
Otto Goldbach, 15 two-sty brick buildings, w s
Washington St., bet. Madison and Chew Sts.
George E. Warfield, 2 three-sty brick building, s
s Fayette St., e Fremont St.; three-sty brick build-
ing, s w cor. Holbrook and Federal Sts.; 26 two-sty
brick buildings, e s Ensor St., bet. Oliver and
Federal Sts.; 23 two-sty brick buildings, w s Hol-
brook St., bet. Oliver and Federal Sts.; and 2 three-
sty brick buildings, e s Madison Ave., bet. Bloom
St. and Boundary Ave.
E. J. Gallagher, 13 two-sty brick buildings, n s
Bradford St., e Patterson Park Ave.; and 11 two-
sty brick buildings, n s Orleans St., e Patterson
Park Ave.
Jno. Snyder, 5 two-sty brick buildings, e s Col-
lington Ave., bet. Fayette St. and Fairmount Ave.,
Jas. W. Sindall, 3 three-sty brick buildings, e s
Carolina St., beg. s e cor. Lanvale St.

Boston, Mass.—Mountain Ave., near Lauriat Ave.,
Ward 24, three frame dwells., hip roofs, 23' x 35.6'
and 23' x 39'; owner and builder, C. T. Nielson.
West Eighth St., No. 165, Ward 15, three-sty
frame dwell., flat roof, 21' x 33'; owner, Mary Hall-
britter; builder, J. Hallbritter.
Evans St., near Capen St., Ward 24, frame dwell.,
23' x 30'; owner, George Dorri; builder, R. C. Hur-
butt.
Dorsey St., opp. Danube St., Ward 20, three-sty
frame dwell., pitch roof, 24' x 63'; owner, G. Weif-
ingback; builder, B. L. Randall.
West Eagle St., No. 46, Ward 1, two-sty frame
dwell., flat roof, 21.6' x 27.8'; owners, A. Cassidy
and J. H. Cline; builder, D. D. Fish.
Temple St., cor. Ivory St., Ward 23, frame dwell.,
21' x 38'; owners, Twenty-five Associates; builder,
J. S. Coveney.
Calumet St., near Hillside St., Ward 22, three-sty
frame dwell., hip roof, 30' x 36.10'; owner, Daniel
Jacoley; builder, Martin Weiland.
Walden St., No. 17, Ward 22, three-sty frame
dwell., pitch roof, 20' x 33'; owner, Thomas Egan;
builder, W. Tobin.
Brook Pl., near Dudley St., Ward 20, three-sty
frame dwell., flat roof, 22' x 32'; owner, Gardner
Bates; builders, J. H. Walker and J. H. Higgins.
Hyde Park Ave., near Wellington St., Ward 23,
frame dwell., 26' x 53'; owner, David Magner;
builder, M. McPherson.
Dacia St., rear No. 41, Ward 20, three-sty frame
dwell., pitch roof, 22' x 30'; owner, Andrew Bar-
rett; builders, Coffin & Judson.
Silver St., No. 306, Ward 25, frame dwell., 20' x
30'; owner, Albert James; builders, Berry & Wat-
son.
Perham St., near Ivory St., Ward 23, frame
dwell., 23' x 30'; owners, Twenty-five Associates;
builder, J. S. Coveney.
Howland St., near Humboldt Ave., Ward 21, two
frame dwells., flat roofs, 21.4' x 50' and 21.10' x 50';
owner, E. W. Murray; builder, A. Phaneuf.
Tremont St., near Parker Hill Ave., Ward 22,
three-sty frame dwell., flat roof, 27' x 47'; owners,
Patrick and Mary C. Fay.
Beacon St., No. 819, Ward 22, four-sty brick
dwell., flat roof, 22' x 56.6'; owner, Howard Coon;
builders, H. Coon & Co.
Reed St., Nos. 66-62, Ward 20, 8 three-sty brick
dwell., flat roofs, 19' x 30'; owner, E. W. Dodge;
builders, G. M. Fernald & Son.
Harrison Ave., Nos. 923-943, Ward 20, 4 three-sty
brick dwells., flat roofs, 19' x 30'; owner, E. W.
Dodge; builders, G. M. Fernald & Son.
Warner Ave., near West Park St., Ward 24, frame
dwell., 25' x 40'; owner and builder, E. B. Moxom.
Thornley St., No. 26, Ward 24, frame dwell.,
25.2' x 29.10'; owner, Mary J. Quinlan; builder, J.
T. Chisholm.
Kilton St., near West Park St., Ward 24, frame
dwell., 23' x 32'; owner, J. W. Hildreth; builder,
W. A. Lent.
Buttwood St., near Groton St., Ward 24, frame
dwell., 21' x 31'; owner, A. M. Fryer; builder,
Frank Fryer.

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(Houses Continued.)

Bailey St., near Dorchester Ave., Ward 24, three-
sty frame dwell., flat roof, 25.6' x 52'; owner, James
Reid; builder, J. Davidson.
Forbes St., near Chestnut Ave., Ward 23, three-
sty frame dwell., flat roof, 25' x 43'; owner and
builder, J. A. Marchbank.
Wren St., near Rutledge St., Ward 23, frame
dwell., 29' x 38'; owner, Mrs. E. M. Atwood;
builder, E. Russell.
Bailey St., near Dorchester Ave., Ward 24, three-
sty frame dwell., flat roof, 25.6' x 52'; owner, Jas.
Reid; builder, J. Davidson.
Metropolitan Ave., near Kittredge St., Ward 23,
frame dwell., 32' x 34.9'; owner, J. Callowhill;
builders, Dame & Warner.
Everett St., cor. Call St., Ward 23, three-sty
frame dwell., hip roof, 23' x 45'; owner, G. F. John-
ston; builder, J. P. Campbell.
Weld St., cor. Dwinell St., Ward 23, frame dwell.,
29' x 37'; owner, E. P. Schuering; builders, Hersey
Bros.
Boylston St., near School St., Ward 23, three-sty
frame dwell., flat roof, 24' x 49'; owner, Salina M.
Cullen; builder, J. E. Poland.
Kenneth St., near Anawan Ave., Ward 23, frame
dwell., 26.6' x 40'; owner, Curtis Clapp; builders,
Dame & Warner.
Chestnut Ave., near Paul Gore St., Ward 23,
frame dwell., 27' x 49'; owner, Fritz Chuman;
builder, P. Schneider.
Dalmatia St., near Dewey St., Ward 20, three-sty
frame dwell., flat roof, 24' x 47'; owner, Wm. Davis;
builders, McKay Bros.
Magazine St., near East Chester Park, Ward 20,
frame dwell. and office, 20' x 32'; owner, J. J.
Nawn; builder, F. C. Culber.
Ashmont Park, near Ashmont St., Ward 24, 2
three-sty frame dwells., pitch roofs, 23' x 42';
owner, C. F. Kittredge; builder, G. D. Crouss.
Unnamed Ct., off Clayton St., Ward 24, two frame
dwell., 24' x 30'; owner, J. H. Pierce; builder, W.
J. Jobling.
Centre St., Nos. 306 and 358, Ward 23, 2 three-sty
frame dwells., hip roofs, 31' x 56' and 25' x 60'; owner
and builder of one, G. Mers; owner of other, P.
Manning; builder, G. H. Cahill.
Ashmont St., near Washington St., Ward 24,
frame dwell., 23.6' x 40'; owner, Melissa E. Rich;
builder, A. P. Rich.
Moore St., near Pope St. and cor. Chaucer St.,
Ward 1, four frame dwells., 26.6' x 40', 26' x 33.2',
40' x 40'; owner and builder, Frank Finn.
Curtis St., No. 4, Ward 24, frame dwell., 21.6' x
40'; owner, John Cash; builder, G. C. Doyle.
Walter St., near Symmes St., Ward 23, three
frame dwells., hip roofs, 23' x 38'; owner, W. L.
Chase; builder, F. B. McCabe.
Cushing Ave., No. 17, Ward 24, frame dwell., 40' x
43'; owner and builder, S. Parshley.
Falcon St., Nos. 26 and 44, Ward 1, frame dwell.,
22.2' x 53.6'; owner, Mrs. A. J. Fowler; and 21' x
53', three stories, flat roof; owner and builder,
Albion Johnson.
Day St., near Creighton St., Ward 22, three-sty
frame dwell., pitch roof, 23' x 57.6'; owner, J. T.
Crotty; builder, J. H. Pineo.

BUILDING INTELLIGENCE.

(Houses Continued.)

Cromwell St., Nos. 1-11, Ward 11, 6 three-sty
brick dwells., flat roofs, 20' x 40'; owner, J. W.
French; builder, J. K. White.
Centre St., near Highland St., Ward 21, 2 three-
sty frame dwells., flat roofs, 21' x 48'; owner, C. A.
Lents.
Rockland St., near Warren St., Ward 21, 2 three-
sty frame dwells., flat roofs, 22.6' x 94.6'; owners
and builders, O. H. Drisko & Co.
Unnamed St., near Bowdoin St., Ward 24, three
frame dwells., 25' x 44'; owner, Mrs. Annie Dever.
Surrey St., near Parsons St., Ward 25, frame
dwell., 25' x 38'; owner, J. A. Devlin; builder, J. A.
Dooley.
Agassiz Park, near Burroughs St., Ward 23, frame
dwell., hip roof, 37' x 39'; owner, R. S. Barrows;
builder, M. A. Blanchard.
Harvard St., near Bernard St., Ward 24, frame
dwell., 28' x 49'; owner, J. A. Leslie; builders, J. A.
Leslie & Co.
Kenswood St., near Washington St., Ward 24,
three-sty frame dwell., pitch roof, 26' x 37'; owner
and builder, J. J. Baker.
Boylston St., near Burr St., Ward 23, three-sty
frame dwell., flat roof, 25.10' x 50.10'; owner, C. J.
Becker.
Southwood St., No. 8, Ward 21, three-sty frame
dwell., flat roof, 28' x 32'; owner, S. R. Chandler;
builders, Decker Bros.
Harbor View St., near Spring Garden St., Ward
24, three-sty frame dwell., pitch roof, 24' x 45';
owner, Elizabeth M. Sheehan; builders, Howard
Bros.
Burnstead Lane, No. 62, Ward 22, three-sty frame
dwell., flat roof, 29' x 29'; owner, G. W. Judge.
Walcott St., near Columbia St., Ward 24, frame
dwell., 26.2' x 37.8'; owner, A. F. Arnold; builders,
Vaughan & Silva.
Minot St., Nos. 79-81, Ward 24, frame dwell., 27.6'
x 52.6'; owner, W. F. Perry; builder, W. J. Hatch.
Train St., near King St., Ward 24, frame dwell.,
28.6' x 37'; owner, Theodore Kuhlman; builder, C.
S. McKenzie.
Elwood St., near Common St., Ward 3, 2 three-
sty frame dwells., flat roofs, 23.4' x 40' and 22.8' x
40'; owner and builder, Joseph Galew.
Heath St., near Tremont St., Ward 22, three-sty
frame dwell., flat roof, 24' x 42'; owner, Thomas
Miskell; builder, Walter Curley.
Church Pl., No. 8, Ward 19, three-sty frame
dwell., flat roof, 20' x 35'; owner, C. J. Wall;
builder, W. R. Dimock.
Howell St., near Boston St., Ward 15, three-sty
frame dwell., flat roof, 24.6' x 53.4'; owner, C. H.
Dirksenmeyer; builder, W. Eadie.
Teomas St., near Washington St., Ward 23, frame
dwell., 24' x 38'; owner, Louisa Fleckner; builder,
J. Gaffney.
East Fifth St., Nos. 503-509, Ward 14, 4 two-sty
frame dwells., flat roofs, 22.6' x 32'; owner, S. W.
Johnson; builder, Clinton Johnson.
Marshfield St., Nos. 1-3, Ward 20, 2 three-sty
frame dwells., flat roofs; owner, C. A. Laubrich;
builder, L. S. Boutler.
Brooklyn, N. Y.—Seventeenth St., No. 395, four-sty
brick dwell., tin roof; cost, \$3,000; owner, George

The *Scientific American*, of the issue of October 29, 1892, says, referring to the product of the quarries of the POTSDAM RED SANDSTONE COMPANY:

"THIS REMARKABLE STONE HAS SHOWN A RESISTANCE OF MORE THAN 42,804 POUNDS Crushing Weight, while the strongest Granites will stand only 19,750, and other stones still less. The color of the Potsdam product is soft, light reddish. For building purposes it has no equal."

The Company will forward to all Architects applying, samples and circulars, and will cheerfully make estimates for cutting and setting stone in any part of the country.

BUILDING INTELLIGENCE.

(Houses Continued.)

Bindhart, 397 Seventeenth St.; architect, W. H. Wirth, 368 Seventeenth St.
 Seventh St., n. s., 97' 10" w Ninth Ave., 2 three-sty brick dwells., tin roofs; cost, \$8,000 each; owner and architect, C. G. Peterson, 603 Seventh St.
 Third Pl., Nos. 61-65, 3 four-sty brick dwells., tin roofs; cost, \$12,000 each; owner, architect and builder, Theo. Pearson, 294 Hoyt St.
 Myrtle Ave., Nos. 621-627, 2 four-sty brick dwells., gravel roofs; cost, \$20,000; owner, Estate of L. S. Husted, 151 Remsen St.; architect, J. G. Glover, 186 Remsen St.
 Adelphi St., w. s., 77' 10" n Park Pl., four-sty brick dwell., tin roof; cost, \$7,000; owner, L. McGoldrick, Park Ave.; architect, L. F. Houghton, 213 Montague St.
 Jefferson Ave., s. s., 100' w Howard Ave., 5 two-sty brick dwells., tin roofs; cost, \$4,000 each; owner and architect, D. McDicken, 235 Sumpter St.
 Bergen St., s. s., 99' 9" w Buffalo Ave., 3 two-sty frame dwells., tar and gravel roofs; cost, \$2,500 each; owner, builder and architect, N. A. Taylor, 1135 Park Pl.
 Barbey St., w. s., 110' n Atlantic Ave., 2 two-sty frame dwells., wood roofs; cost, \$2,500 each; owners, Molin Homestead Co., Atlantic and Miller Aves.; architect, Wm. Danmar, Atlantic and Van Sien Aves.
 Schenck Ave., e. s., 100' n Atlantic Ave., 3 two-sty frame dwells., wood roofs; cost, \$2,500 each; owners, Molin Homestead Co., Atlantic and Miller Aves.; architect, Wm. Danmar, Atlantic and Van Sien Aves.
 Nichols Ave., e. s., 135' 9" and 220' 9" n Atlantic Ave., 2 two-sty frame dwells., tin roofs; cost, \$2,000 each; owner, Pat Devine, Crescent St., near Glen St.
 Linwood St., w. s., 100' n Sutter Ave., 6 two-sty frame dwells., tin roofs; cost, \$1,800 each; owner, Theo. M. Le Beau, Ashford St., near Arlington Ave.; architect, Chas. Infanger, Van Sien and Atlantic Aves.
 Fifty-eighth St., s. s., 100' e Third Ave., 10 four-sty brick dwells., tin roofs; cost, \$4,000 each; owner, Chas. Hart, Fourth Ave. and Degraw St.; architect, J. H. Pigot, 189 Montague St.
 St. Nicholas Ave., n. w. cor. Himrod St., 5 two-sty frame dwells., tin roofs; cost, \$3,000 each; owner, architect and builder, J. R. Dowers, 163 Rutledge St.
 Elton St., e. s., 100' n Sutter Ave., 4 two-sty frame dwells., tin roofs; cost, \$1,500 each; owner, Theo. M. Le Beau, Ashford St.; architect, Chas. Infanger, Van Sien and Atlantic Aves.
 Knickerbocker Ave., n. e. cor. Stanhope St., three-sty brick dwell., tin roofs; cost, \$8,000; owners, architects and builders, Hahn Bros., 286 Central Ave.
 Walcott St., n. s., 50' e Conover St., four-sty brick dwell., tin roof; cost, \$7,000; owner, Mrs. Annie F. O'Brien, 126 Walcott St.; architect, Wm. Danmar, Atlantic and Van Sien Aves.
 Decatur St., s. s., 28' e Howard Ave., 4 two-sty brick dwells., tin roofs; cost, \$5,500 each; owner and builder, B. C. Raymond, 164 Ralph Ave.; architect, R. Raymond, 164 Ralph Ave.
 Stockholm St., n. s., 100' e Irving Ave., 2 three-sty frame dwells., tin roofs; cost, \$4,000 each; owner and builder, H. Schneider, 231 Irving Ave.; architect, H. Voilweiler, 483 Hart St.
 Cambridge, Mass. — Frame dwell.; owner, A. T. White; contract not let; architects, Kingsbury & Richardson, Boston.
 Camden, N. J. — *Kaighn's Ave.*, w Rose St., two-sty brick dwell.; owner, Wm. Rose.
 Royden St., e Tenth St., 10 two-sty brick dwells.; owner, Aaron Ward.
 Liberty St., e Mt. Ephraim St., two-sty brick dwell.; owner, Isadore Green.
 Haddon Ave., Nos. 1043-1053, 6 two-sty brick dwells.; owner, J. S. Jackson.
 Benson St., w Sixth St., four brick dwells.; owner, Geo. Holl.
 Penn St., No. 811, two-sty brick dwell.; owner, W. H. Day.
 Cape May Point, N. J. — Cottage; owner, T. T. Hilliard.
 Chester, Delaware Co., Pa. — *Third St.*, number of dwells. will be built; owner, J. Harry Slawter.
 Chestnut Hill, Pa. — Dwell.; owner, Joseph Hotenstein.
 Chicago, Ill. — A. J. Cragg, 5 three-sty dwells., 4752-4756 Kenwood Ave.; cost, \$30,000.
 P. East, three-sty dwell., 3653 Michigan Ave.; cost, \$4,000.
 John Krups, 2 two-sty dwells. and barn, 909 Avers Ave.; cost, \$7,000.
 Joseph Milask, 2 two-sty dwells., 975 Avers Ave.; cost, \$7,000.
 John Ginley, two-sty dwell., 7420 Brook St.; cost, \$4,000.
 N. L. Crawford, two-sty dwell., Prospect St. and Grand Ave.; cost, \$5,000.
 J. C. McCora, two-sty dwell. and storage, 3429 Wabash Ave.; cost, \$3,500.
 William Fink, five cottages, 4719-4723 Throop St.; cost, \$3,500.
 J. H. Haskins, three-sty dwell. and barn, 6312 Wright St.; cost, \$8,000.
 Cincinnati, O. — Chris. Seaman, two-and-one-half-sty frame dwell. and store, s w Fairfax Ave.; cost, \$3,000; architect, J. Seiteneing.
 W. E. Stevens, two-sty frame dwell., s s Pullan St.; cost, \$4,000; architect, J. T. Jagers.
 Wehmeyer, three-and-one-half-sty brick and stone

BUILDING INTELLIGENCE.

(Houses Continued.)

dwell. and store, s s Queen City Ave.; cost, \$7,000; architect, Adam Bast.
 Philip Hook, two-and-one-half-sty brick and stone dwell., s w Bernhard St.; cost, \$4,200; architect, Martin Fisher.
 E. J. Mack, two-and-one-half-sty brick and stone dwell., s w Grandview Ave.; cost, \$15,000; architect, S. S. Godley.
 Carle Biurgestack, two-and-one-half-sty brick and stone dwell., s w Beech St.; cost, \$3,000; architect, J. Brough.
 George Schath, three-sty brick and stone dwell., s w Jackson St.; cost, \$6,000; architect, Emil Reuchert.
 Mrs. Hoveman, two-and-one-half-sty brick and stone dwell., n s Channing St.; cost, \$3,000; architect, H. Feldhaus.
 Fred Midenkoetter, three-and-one-half-sty brick and stone dwell., s w Buck St.; cost, \$4,500; architects, G. & A. Brink.
 J. B. Specker, seven-sty brick and stone dwell. and store, s e Elm St.; cost, \$20,000; architects, Samuel Hannaford & Sons.
 John Proctor, n s Livingston St., two-sty brick and stone dwell.; cost, \$1,600; architects, Reig & Marty.
 E. Thelen, brick and stone dwell., n e Seton Ave., cost, \$4,000; architect, E. Schlotheimyer.
 Jno. Distler, three-and-one-half-sty brick and stone dwell., e s Dunlap St.; cost, \$4,000; architect, Martin Fisher.
 Ellman & Christie, owners and architects, 2 two-sty frame dwells., s s Symmes St.; cost, \$2,000.
 P. Schnider, two-and-one-half-sty frame dwell., s w Llewellyn St.; cost, \$2,200; architects, Reig & Marty.
 J. H. Redmond, two-sty frame dwell., s e Torrence Road; cost, \$1,500; architect, John Schlotman.
 A. J. Gross, two-sty frame dwell., s s Hemlock St.; cost, \$1,500; architect, Chas. Kaylor.
 S. T. Hillman, 3 two-sty frame dwells., n s Fern St.; cost, \$7,000; architect, Gus. Drach.
 W. E. Stevens, two-sty frame dwell., s s Morris Pl.; cost, \$4,000; architects, Ellis & Shirley.
 Chas. Cowil, two-and-one-half-sty frame dwell., s s Ridgeway Ave.; cost, \$5,000; architect, W. W. Franklin.
 J. H. Twachtman, four-and-one-half-sty brick and stone dwell., s w Cutter St.; cost, \$3,500; architect, E. F. Baude.
 W. M. McGarry, two-and-one-half-sty brick and stone dwell., 114 Fergus St.; cost, \$2,800; architects, Gaus Bros.
 Mrs. E. Schiff, two-and-one-half-sty brick and stone dwell., s w Howell Ave.; cost, \$1,500; architect, E. J. Kuechert.
 Phil. Sersinger, two-sty brick and stone dwell., s s Conroy St.; cost, \$2,500; architect, Phil. Pfeiffer.
 J. W. Haley, owner and architect, 3 two-and-one-half-sty frame dwells., s s Delter Ave.; cost, \$6,000.
 Jno. B. Eichelman, 3 two-sty frame dwells., s s Conroy Ave.; cost, \$3,600; architect, Jno. Nickel.
 P. N. Northcott, two-and-one-half-sty frame dwells., s w Grand Ave.; cost, \$3,500; architect, Jno. Stafford.
 Jno. Sauterschober, two-and-one-half-sty frame dwell., s e Colrain Ave.; cost, \$3,300; architect, Chas. Dias.
 L. W. Ellman, 4 two-and-one-half-sty frame dwells., n s Whittier St.; cost, \$5,000; architect, Jno. Thompson.
 L. W. Ellman, two-sty frame dwell., s s Whittier St.; cost, \$2,700; architect, Jno. Thompson.
 Mrs. Middendorf, two-and-one-half-sty brick and stone dwell., s w Mulberry St.; cost, \$4,000; architect, J. H. Ruckert.
 A. Dittick, three double brick and stone dwells., s e Grand Ave.; cost, \$6,000; architect, Louis Picket.
 Collingswood, Camden Co., N. J. — *Washington Ave.*, 6 three-sty brick dwells.; owner, Mr. H. K. Tatem.
 Columbia, Lancaster Co., Pa. — Two dwells.; owner, D. C. F. Markel.
 Dwell.; owner, Fred. Friend.
 Two dwells.; owners, Backman & Torry.
 Cymoyd, Pa. — Three-sty stone dwell. for Wm. Heywood; architect, Thos. P. Lonsdale, Manhattan Life Building, Fourth and Walnut Sts., Philadelphia.
 Doylestown, Pa. — Dwell.; owner, Reading Palmer; builder, Kirk Carver.
 Easton, Northampton Co., Pa. — Dwell.; owner, E. P. Pfeiffer.
 East Orange, Essex Co., N. J. — Plans for frame dwell.
 Eddystone, Delaware Co., Pa. — Plans for parsonage for the Methodist Church.
 Glen Ridge, N. J. — Two two-and-one-half-sty frame dwell. for Mrs. E. E. Allen; architect, E. R. Tilton, 24 State St., New York City.
 Gloucester, Camden Co., Pa. — *Cumberland St.*, dwell.; owner, Edward Waugh.
 King St., dwell.; owners, Waugh Bros.
 Haddonfield, Camden Co., N. J. — Twelve cottages; owners, West Haddonfield Land Co.
 Harrisburg, Pa. — Several dwells.; owner, the Harrisburg Real Estate and Improvement Co.
 Hummelstown, Pa. — *West Main St.*, dwell.; owner, J. P. Nisley.

BUILDING INTELLIGENCE.

(Houses Continued.)

Lansdowne, Pa. — *Stewart and Lansdowne Aves.*, dwell. for Mrs. McEwen.
 Lexington, Mass. — Frame dwell.; owner, Francis E. Bullard; contractor, C. M. Mead; architects, Kingsbury & Richardson, Boston.
 Matawan, Monmouth Co., N. J. — Dwell.; cost, abt. \$5,500; owner, John Terhune.
 Milton, Pa. — Two-and-one-half-sty stone dwell.; owner, C. H. Dickerman; architect, F. Charles Merry, 13 Astor Pl., New York City.
 Newton Centre, Mass. — *Homes St.*, frame dwell., 35' x 45'; owner, Mrs. H. E. Dennison; contract to be let; architect, O. F. Smith, Boston.
 Newton Highlands, Mass. — *Eric Ave.*, frame dwell., 32' x 32'; owner and builder, S. G. Steeves; architect, O. F. Smith, Boston.
 New York, N. Y. — *Marion St.*, w s, 125' n John St., 2 three-sty stone and frame dwells., peaked shingle roofs; cost, \$7,000; owner, Sarah A. Lisk, 2625 Marion St.; architect, Thomas C. Lisk, 2625 Marion St.
 Convent Ave., n e cor. One Hundred and Forty-sixth St., 6 three-sty brick dwells., tin roofs; cost, \$45,000; owner, John M. Cahill, 520 West One Hundred and Forty-third St.; architect, Henry Fouchaux, Boulevard and One Hundred and Sixty-second St.
 St. Nicholas Ave., e s, 67' 5" n One Hundred and Fifty-second St., 5 three-sty brick dwells., tin roofs; cost, \$125,000; owners, Aldous Taylor Building Co., 513 Lenox Ave.
 Railroad Ave., s e cor. One Hundred and Fiftieth St., three-sty stone and frame dwell., tin roof; cost, \$6,000; owner, Edward Callahan, 525 West Forty-third St.; architect, Chris. F. Lohre, 3055 Third Ave.
 West One Hundred and Nineteenth St., Nos. 55-57, 2 three-sty brick dwells., tin roofs; cost, \$18,000; owner, John Thompson, 316 West Fifty-third St.; architect, J. E. Terhune, 47 Liberty St.
 One Hundred and Eighty-second St., s s, 150' w Amsterdam Ave., three-sty stone and frame dwell., tin roof; cost, \$4,000; owner, Daniel Halley, 233 West One Hundred and Twenty-fourth St., architects, Neville & Bagge, 217 West One Hundred and Twenty-fifth St.
 Ninetieth St., n s, 350' e Columbus Ave., 3 four-sty brick dwells., tin roofs; cost, \$54,000; owner, Margaret Disken, 22 West Ninety-fourth St.; architect, Henry Anderson, 1180 Broadway.
 Van Corlear Pl., n s, near New Mable Hill, two-sty stone and frame dwell., mansard tin and shingle roof; cost, \$5,000; owners, Oip & Schaefer, 413 East Eighty-seventh St.; architect, Henry Anderson, 1180 Broadway.
 Seventy-fourth St., n s, 200' w West End Ave., four-sty brick dwell., tin roof; cost, \$24,000; owner, Lincoln McCormack, 7 West Forty-ninth St.; architect, Charles P. H. Gilbert, 1180 Broadway.
 One Hundred and Forty-fifth St., n s, 100' e Convent Ave., 4 three-sty brick dwells., tin roofs; cost, \$50,000; owner, Frederick Hack, 227 Lenox Ave.; architects, Neville & Bagge, 217 West One Hundred and Twenty-fifth St.
 Eagle Ave., e s, 362' n Westchester Ave., three-sty brick and frame dwell., tin roof; cost, \$5,000; owner, John J. Fitzsimmons, 518 East One Hundred and Forty-eighth St.; architect, C. A. Millner, 633 East One Hundred and Thirty-fifth St.
 Oakland, N. J. — Dwell.; owner, Otto C. Domann.
 Ocean Port, Monmouth Co., N. J. — Dwell.; owner, R. P. Miller, Pitman Ave.; builder, Wm. C. Brown, Red Bank, N. J.
 Overbrook, Montgomery Co., Pa. — Several dwells. for the A. J. Drexel operation.
 Perkaskie, Bucks Co., Pa. — Double dwell.; owner, P. S. Cressman.
 Philadelphia, Pa. — *Twentieth St.*, w s, n Dauphin St., 30 dwells.; builder, William Blair.
 Master St., n s, e Perch St., three-sty brick dwell.; builders, Wolf & Corison, 757 North Forty-sixth St.
 Forty-seventh St., s s, e Chester Ave., three-sty brick dwell.; builder, Isaac L. Miller, 735 Walnut St.
 Baltimore Ave., n s, w Forty-first St., 2 three-sty brick dwells.; builders, Thomas W. Wright & Son, 7 Harvey St.
 Harvey St., n s, w Green St., Germantown, two-sty brick dwell.; builder, Thomas M. Seeds, 203 Race St.
 Ludlow St., No. 5533, two-sty brick dwell.; builder, W. A. Arthur, 5700 Ludlow St.
 Westmoreland St., s s, e Twenty-first St., 4 two-sty brick dwells.; builder, W. J. Rheiner, s e cor. Twenty-second and Tioga Sts.
 Upsal St., s s, e Green St., Germantown, 2 three-sty brick dwells.; builders, Thomas W. Wright & Son, 8 Harvey St., Germantown.
 York and Thirtieth Sts., 114 two and three sty red press-brick and stone dwells.; builder, John Stafford, 1606 Susquehanna Ave.
 North Fourth St., w Carpenter St., 2 three-sty brick dwells.; builder, D. S. McClure, 827 Reed St.
 Columbia Ave., s e cor. Thirty-third St., three-sty brick dwell.; builders, Ralph & Gregg, 1233 Olive St.
 Tulip St., e s, n Somerset St., 19 two-sty press-brick dwells.; builder, Owen McArdle, 2544 East Lehigh Ave.
 Day St., No. 1204, two-sty brick dwell.; owners, McCauley & Sons, 1228 East Montgomery Ave.

(Houses Continued.)

Pittsburgh, Pa.—*Negley Ave.*, stone dwell. for J. McF. Carpenter; architects, D. E. Sheridan & Co., Penn Ave., East End.
Penn Ave., stone dwell.; owner, Dr. William Snively.
 Dwell.; cost, abt. \$15,000; owner, Arthur O'Leary. Brick dwell.; owner, T. O'Leary, Jr.

Providence, R. I.—*Hyatt St.*, n s, two-and-one-half-sty frame dwell.; cost, \$3,400; owner, T. Y. Murphy; builder, Thos. Burch.
Washington Ave., n s, two-sty frame dwell.; cost, \$3,500; owner, Frederick A. Stevens; day work.
Academy Ave., w s, two-and-one-half-sty frame dwell.; cost, \$3,500; owners, Wm. B. Hazard and wife; builder, Vere W. Beck.
Friendship St., w s, bet. Foster and Beacon Sts., two-and-one-half-sty frame dwell.; cost, \$4,400; owner, A. F. Borchardt; architect, Clifton A. Hall.
Pine St., No. 288, three-sty frame dwell.; cost, \$6,000; owner, Mrs. Julia T. Caulkins; builder, David Glover; architect, Geo. W. Cady.
King St., n s, bet. Almy and Tobey Sts., two-and-one-half-sty frame dwell.; cost, \$4,300; owner, Henry B. Hagan; builders, Cornell, Peary & Co.
Angell St., cor. Arlington Ave., two-and-one-half-sty frame dwell.; owner, Wm. O. Blanding; builder, A. McDonald; architects, Martin & Hall.

Rosindale, Mass.—Block of three frame dwell.; owner, Col. Wm. L. Chase; contractor, F. B. McCabe; architects, Kingsbury & Richardson, Boston.

Roxbury, Mass.—*Townsend St.*, frame dwell., 42' x 44'; owner, George W. Gregory; contract to be let; architects, Lewis & Paine, Boston.

Royersford, Pa.—Plans for 2 three-sty brick and stone dwells., slate and tin roofs; architect, Edwin F. Bertolotto, 1220 Filbert St.

Somerville, Mass.—*Elmwood St.*, two frame dwells., 22' x 45', 27' x 36'; owner and builder, Chas. W. Cook.
Albion St., near Cedar St., four frame dwells., each 23' x 36'; owner, Mary A. McLean; builder, D. A. McLean.
Washington St., cor. Hanson St., three-sty frame dwell., flat roof, 24' x 40'; owner, John McCarthy; builder, John McGirr.
Line St., near Smith Ave., three-sty frame dwell., flat roof, 24' x 40'; owner, Martin Sherry; builder, John McGirr.
Somerville Ave., near Church St., frame dwell., 36' x 45'; owner, Dr. Shaw; builder, Ellsworth Earnst.
Medford St., near Sycamore St., frame dwell., 22' x 28', with L, 18' x 20'; owner, E. J. Kraistrer; builder, Wm. Brooks.
Nunroe St., cor. Bigelow St., frame dwell., 27' x 51'; owner, Chas. S. Clapham; builder, O. G. Osgood.
Washington St., near Beacon St., three-sty frame dwell., flat roof, 22' x 47'; owner, M. H. Dewier; builder, Wm. Brooks; architect, Geo. D. Reid.
Walnut St., No. 3, double frame dwell., hip roof, 45' x 55'; owner, R. H. Sturtevant; builder, G. D. B. Robinson.
Grand View Ave., frame dwell., hip roof, 34' x 37'; owner, Dr. A. S. Hill; builder, W. W. Calkin; architect, J. A. Hasty.

South Orange, Essex Co., N. J.—Dwell.; owner, F. Grelle; architect, J. W. Allen, 529 Main St., East Orange.

St. Louis, Mo.—Two-and-one-half-sty dwell., Dodder and Jefferson Aves.; cost, \$7,000; owner, J. A. Klaren; contractor, N. Schwegler.
 Two-sty dwell., s s Page St., bet. Cabenne and Vandeventer Aves.; cost, \$10,400; owner, Charles Hoppel; contractors, Mathias & Schneider.
 Two-sty dwell., s e cor. Sarah and Papin Sts.; cost, \$5,400; owner, A. B. Smith; contractors, Boethe & Roterman.
 Two-sty dwell., s s Shaw Ave., bet. Grand and Cabenne Aves.; cost, \$7,500; owner, Wm. E. Hess; contractors, Wm. Yoke & Co.
 Two two-sty dwells., n s Cook St., bet. Whittier and Pendleton Sts.; cost, \$5,000; owner, Mrs. Alice McAny; contractor, Thos. Higgins.
 Two-sty dwell., s e cor. Page and Prairie Aves.; cost, \$4,500; owner, Chas. George; contractor, Thos. Higgins.
 Two two-and-one-half-sty dwell., w s Morganford Road, bet. Juniata and McLenard Sts.; cost, \$6,000; owner, T. Huisson; contractor, E. J. Botts.
 Two-sty dwell., n s Delmar St., bet. Newstead and Taylor Aves.; cost, \$6,000; owner and contractor, C. C. Newbury.
 Two-sty dwell., Julian and Goodfellow Aves.; cost, \$6,000; owner, Terry Bros.; contractor, J. D. Drake.
 Two-sty dwell., s s Castleman St., bet. Vandeventer and Lawrence Aves.; cost, \$4,000; owner, Jno. Keitelin; contractor, Chas. Wehking.
 Two-and-one-half-sty dwell., Hawthorne St., Compton Heights; cost, \$9,000; owner, Louis Lommeyer; contractor, W. O. Popp.
 Four dwells. and stores, s e Vandeventer St., bet. Morgan and Delmar Sts.; cost, \$10,550; owner, Jas. Gunn; contractors, Drak Bros.
 Two-sty dwell., s s Burd St., bet. Ridge and Wells Sts.; cost, \$4,000; owner and contractor, Jas. Jones.
 Two-sty dwell., s s Virginia Ave., bet. Shenandoah and Powhattan Aves.; cost, \$3,000; owner, Jas. Kennedy; contractor, Wm. Kennedy.
 Two-sty dwell., s s Reber Pl., w Kings Highway; cost, \$4,000; owner, J. Mahl; contractor, Ferd. Paulus.
 Two-sty dwell., n s St. Vincent St., bet. Jefferson and Ohio Aves.; cost, \$4,000; owner, Ferd. Beschoff; contractor, Ferd. Paulus.
 Two two-sty dwells., Victor St. and 2d Carondale Ave.; cost, \$5,400; owner, A. Rosenheim; contractors, P. Ruchess & Son.
 Two two-sty dwells., s s Cabenne Ave., bet. Academy and Clarendon Sts.; cost, \$9,600; owner and contractor, Wm. L. Balson.
 Two-and-one-half-sty dwell., Pestolazzi St. and Indiana Ave.; cost, \$6,500; owner, Wm. Schumacher; contractor, Walschauser.
 Two-sty dwell., w s Sixth St., bet. Molt and Haven Sts.; cost, \$4,500; owner, Wm. B. Lange; contractor, M. Shelly.
 Two-sty dwell., w s Lunt St., bet. Jay and Florissant Aves.; cost, \$4,500; owner, A. Docktrah; contractors, Hermelin & Hoffmeister.
 Two-sty dwell., Grand and Cass Aves.; cost, \$10,000; owner and contractor, Thos. J. Quinn.
 Two-sty dwell., n s Barrett St., bet. Grand and Thomson Sts.; cost, \$4,800; owner and contractor, S. S. Barlow.
 Two-sty dwell., n s Theodosia St., bet. Goodfellow Ave. and Clara St.; cost, \$4,000; owner and contractor, John A. Delay.
 Two-and-one-half-sty dwell., n s Morgan St., bet.

(Houses Continued.)

Pendleton and Whittier Sts.; cost, \$16,000; owner, Walter B. Sprague; contractors, Murch & Bro.

Trenton, N. J.—Plans for frame dwell.; owner, Dr. H. G. Norton; architect, W. A. Poland, 11 West State St.

Tunkhannock, Wyoming Co., Pa.—*East Tioga St.*, dwell.; owner, Dell Scuttell.

Uniontown, Pa.—*Mt. Vernon Ave.*, brick and frame dwell.; owner, Isaac Hurst.

West Chester, Pa.—*High St. and Rosedale Ave.*, dwell.; owner, Fumner E. Jefferis.

Williamsport, Pa.—*West Fourth St.*, dwell.; owners, H. M. and L. M. Ulman; architects, Culver & Hudson.

Worcester, Mass.—*Lovell St.*, one-and-one-half-sty frame dwell.; owner, Mrs. S. J. Stone; contractor, J. M. Stone.
Whipple St., three-sty frame dwell.; owner, J. J. Henry; contractor, Wm. O'Burns.
Whipple St., three-sty frame dwell.; owner, E. F. Henry; contractor, Wm. O'Burns.
Carro St., two-sty frame dwell.; owner, W. Sheffield; contractors, Jenkins Bros.
Ashton St., two-sty frame dwell.; owners and contractors, L. V. and H. N. Leach.
Ferdinand St., two-sty frame dwell.; owner, Geo. Waite; contractors, Ward & Blanding.
Maywood St., two-sty frame dwell.; owner, L. L. Flagg; contractor, W. H. Joslyn.
Eather St., three-sty frame dwell.; owner, A. Bergstrom; contractor, L. M. Peterson.
Belmont Ave., three-sty frame dwell.; owner, O. Parson; contractor, L. M. Peterson.
Eastern Ave., three-sty frame dwell.; owner, E. G. Kaller; contractor, L. M. Peterson.
Oakwood Pl., three-sty frame dwell.; owner, C. Ohlin; contractor, L. M. Peterson.
Milbury St., three-sty frame dwell.; owner, W. Hagerstrom; contractor, L. M. Peterson.
Milbury St., two-sty frame dwell.; owner, J. W. Lajole; contractors, Sharon & Rochester.
Fales St., two-sty frame dwell.; owner, J. A. White; contractor, I. Fields.
Washington Ave., two-sty frame dwell.; owner, H. G. Osgood; contractor, W. Ford.
Milbury St., three-sty frame dwell.; owner, Mrs. Anna Erickson; contractor, Nils Gleason.
Gardner St., two-sty frame dwell.; owner, Mrs. Janet Orr; contractor, J. T. Elliot; architects, Earle & Fisher.
Marston Way, two-sty frame dwell.; owners, H. H. Houghton and J. Beale; contractor, A. E. Bigelow; architect, W. H. Harvey.

OFFICE-BUILDINGS.

Cincinnati, O.—N. H. Davis, three-sty brick and stone office and flats, s s Eighth St.; cost, \$8,500; architect, A. O. Elzner.

New York, N. Y.—*Broadway*, Nos. 1128-1130, and *Fifth Ave.*, No. 208, seven-sty brick office-building, "New" roofing tile; cost, \$85,000; owner, Alfred B. Darling, 15 East Twenty-sixth St.; architects, Berg & Clark, 10 West Twenty-third St.

PUBLIC-BUILDINGS.

Mauch Chunk, Carbon Co., Pa.—Court-house; cost, abt. \$25,000; architect, L. S. Jacoby, Allentown.

Worcester, Mass.—*Milbury St.*, one-sty brick depot; owners, Worcester & Shrewsbury St. R. R. Co.; contractors, Ward & Blanding; architect, A. P. Cutting.

SCHOOL-HOUSES.

Allegheny County, Md.—School-buildings will be built at Barton, Jackson, Mt. Savage and South Cumberland, this county, to cost, respectively, \$10,500, \$10,700, \$11,500 and \$11,200.

Baltimore, Md.—St. John's Catholic Church will build four-sty brick school-building, n w cor. Valley and Eager Sts.

Cincinnati, O.—St. Francis College, three-sty brick and stone college building, s w Bremen St.; cost, \$25,000; architects, Reig & Marty.

Easton, Northampton Co., Pa.—School-house; owners, Fulkenson & Green.

Ebensburg, Cambria Co., Pa.—Plans for three-sty brick school-house; architects, Carlyle & Co., Pittsburgh, Pa.

Fox Chase, Pa.—School-house; cost, about \$15,864; builder, M. McManus.

Glassboro, Gloucester Co., N. J.—School-house.

Jacksonville, Fla.—Stone, brick and terra-cotta school-building, to cost about \$17,000, will be built.

Philadelphia, Pa.—*Tacony St.*, n s, w Pratt St., two-sty brick school-house; builder, Jacob Wenzelberger, 1220 Filbert St.
Broad St., below Berks St., Temple College; builder, James Johnston, 1713 Sansom St.

Pottsville, Schuylkill Co., Pa.—Plans for school-house; cost, abt. \$50,000; architect, W. D. Hill.

Shenandoah, Schuylkill Co., Pa.—Plans for frame school-house; architect, Reilly.

STABLES.

Boston, Mass.—*Grampian Way*, rear, near Savin Hill Ave., Ward 24, frame stable, 20' x 22'; owner, Ernest G. Paltz.
Chestnut Hill Ave., rear, near Commonwealth Ave., Ward 25, one-sty frame stable, pitch roof, 22' x 42'; owner, Daniel Goodnow.

Worcester, Mass.—*Brackett St.*, one-sty frame stable; owners, Hubby Mfg. and Supply Co.; contractors, Rankin & Woodside.
Coburn Ave., one-and-one-half-sty frame stable; owner and contractor, F. X. Brunelle.

TENEMENT-HOUSES.

Boston, Mass.—*North Margin St.*, cor. Thatcher St., Ward 7, four-sty brick tenements, flat roofs, 24' x 34'; owner, Mrs. M. Slattery; builder, John Kelley.
Endicott St., Nos. 133-135, Ward 7, 2 four-sty brick tenements, flat roofs, 20' x 60'; owner and builder, A. Blafsky.

New York, N. Y.—*Morris Ave.*, s s, 75' n One Hundred and Fifty-third St., four-sty brick tenement, tin roof; cost, \$10,000; owner, Charles Martin, 676 Morris Ave.; architect, Chris. F. Lohse, 3055 Fifth Ave.
Anthony Ave., s s, 81' n One Hundred and Seventy-fifth St., four-sty brick tenement, tin roof; cost, \$12,000; owner, Harmon Masches, 1802 Anthony Ave.; architect, J. H. Valentine, One Hundred and Twenty-first St. and Eighth Ave.

(Tenement-Houses Continued.)

Philadelphia, Pa.—*Marriott St.*, No. 425, three-sty brick tenement-house; owner, M. M. Jennings, 1045 South Fifth St.

WAREHOUSES.

Chicago, Ill.—Jamieson & Slep, three-sty warehouse, 616 Canal St.; cost, \$5,000.

Cincinnati, O.—Theo. Fey, four-sty brick and stone warehouse, n s Green St.; cost, \$4,500; architect, Chas. Diss.

Philadelphia, Pa.—*North Broad St.*, Nos. 2917-19, three-sty brick warehouse; builders, Broman & Bro., 1623 South Seventeenth St.
Cherry St., No. 312, four-sty brick warehouse; builders, W. C. McPherson & Sons, 325 Cherry St.
Snyder Ave., s s, w Eighth St., two-sty brick warehouse; builder, Wm. L. Statham, 922 Filbert St.
Beach St., w s, s Brown St., four-sty brick warehouse; builders, Hoersch & Weldener, 3105 North Fifth St.

MISCELLANEOUS.

Allentown, Pa.—Building for the Y. M. C. A.; cost, about \$50,000.

Brooklyn, N. Y.—*Johnson Ave.*, n s, 50' 4 1/2' e Bogert St., three-sty frame grain-drying plant, gravel and tar roof; cost, \$8,000; owners and builders, Farmers Feed Co., 146 East Forty-second St., New York City; architect, F. Weinmell, 204 East Eighty-sixth St., New York City.
Madison St., s w cor. Wyckoff Ave., one-sty brick power-house, gravel roof; cost, \$20,000; owner and architect, Brooklyn City Railroad Co., 168 Montague St.; builder, F. J. Ashfield, 168 Montague St.
Boerum St., s w cor. Humboldt St., five-sty brick shoe shop, tin roof; cost, \$5,000; owner, B. S. Kaplan, 30 Ewen St.; architect, Hugo Smith, 10 Moore St.
Glenmore Ave., s s, 50' w Watkins St., three-sty brick tailor shop, tin roof; cost, \$6,000; owners, Axelrode & Lewinthal, Christopher St.
Eagle St., s s, 82' w Franklin Ave., three-sty brick planing mill, felt and gravel roof; cost, \$12,000; owners and builders, Kurtz & Holthausen, 362 Manhattan Ave.; architect, Th. Engelhardt, 905 Broadway.

Chicago, Ill.—Garden City Wire Spring Co., one-sty power-house, Chester St. and Claybourn Ave.; cost, \$7,000.

Cincinnati, O.—Meyer-Huschart Packing Co., 4 six-sty brick and stone packing-houses, s e Clarkston St.; cost, \$30,000; architect, A. J. Bast.

New York, N. Y.—*East Houston St.*, No. 438, six-sty brick workshop, tin roof; cost, \$15,000; owner, David Frankel, 70 St. Marks Pl.; architects, Horenburger & Straub, 122 Bowery.
Ridge St., No. 110, six-sty brick workshop, tin roof; cost, \$9,000; owner, Solomon Ryshpan, 149 East Broadway; architect, Frederick Jenth, 191 Forsyth St.
Madison St., No. 283, seven-sty brick workshop, tin roof; cost, \$20,000; owner, Jacob Osonowitz, 283 Madison St.; architects, Horenburger & Straub, 122 Bowery.

Philadelphia, Pa.—*Broad St.*, s e cor. Cherry St., eight-sty temple building for Odd Fellows; builders, J. E. and A. L. Pennock.
Sepvira St., w s, n Venango St., two-sty brick foundry; builder, Frank Delsrich, 2677 Frankford Ave.
Susquehanna Ave., n s, w Tenth St., one-sty brick wash-house; owner, Chas. E. Bertollet, 1019-21 Susquehanna Ave.
Prospect St., No. 437, two-sty brick shop; owner, H. J. Luteh, 439 Prospect St.
Snyder Ave., n e cor. Swanson St., two-sty saw mill; owner, David M. Ellis, 325 Walnut St.
North St., n s, w Broad St., five-sty brick mill; builder, James Carvin, 1428 Mt. Vernon St.
Richmond St., e s, s York St., one-sty brick foundry; builders, Einwechter & Sons, 2028 East Allegheny Ave.
Walnut St., Nos. 316-324, printing-house for Geo. F. Lasher; architect, Chas. Balderston.
Diamond St., n e cor. Front St., two-sty brick hall and saloon; builders, George Doring & Son, 2040 Hancock St.
Richmond St., No. 4704, two sty brick paint-shop; owner, John Burger.
New Market St., n e cor. Margaretta St., one-sty brick freight-shed; owners, Philadelphia & Reading R. Co.
Market and Thirty-eighth Sts., four-sty hall for St. James Roman Catholic Church; owner, Rev. Father Garvey.

Pittsburgh, Pa.—*Sixteenth and Carson Sts.*, four-sty brick and granite building; owner, B. J. Stenger.
 Sandstone and granite building for the Carnegie Library; cost, about \$1,000,000.

Rochester, N. Y.—Six-sty brick building for Eastman Kodak Co., State St.; architects, Otis & Grandall.

Worcester, Mass.—*Grafton St.*, one-and-one-half-sty frame shop; owner and contractor, F. H. Buckley.
Clarendon St., one-sty brick green-house; owner, F. H. Wesson; contractor, J. E. Girouard.

COMPETITIONS.

ENTRANCE GATEWAY. [At Lowell, Mass.]

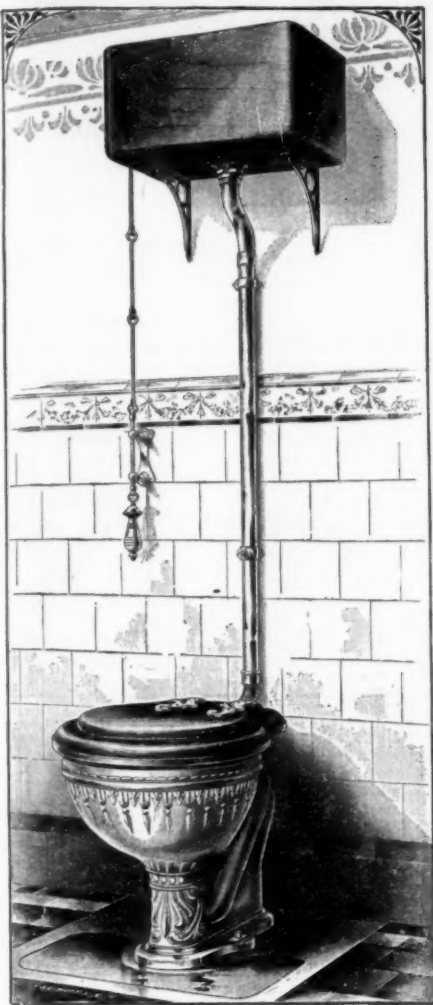
The proprietors of the Lowell Cemetery at Lowell, Mass., desire to erect an entrance gateway, limited in cost to \$5,000.

They offer prizes for the best three designs that shall be submitted before July 1, 1893. \$150 to first, \$100 to second, and \$50 to third, the merit to be decided by vote of Committee.

Conditions are that three designs submitted which receive prize-award shall become property of corporation.

Drawings, plan, elevation and section in line shall be accompanied by perspective sketch in shade of color, all to scale 1/4 inch 1 foot.

Design shall be submitted to Charles L. Knapp, President Lowell Cemetery, Lowell, Mass., who will furnish further information, if needed, upon application.



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THE "PERFECTO" SEAT.

(Patent applied for.)
WALL-LINE



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PLATE 1139-G.

THE "PRIMO" with our new "PERFECTO" Seat represents, in the fullest sense of the term, an "All-Open" Water-Closet. By a simple and effective method the Seat is secured directly to the Closet, thus avoiding the labor and expense of fitting, adjusting and attaching the Seat to the wall by means of brackets or arms, which is particularly objectionable when the wall is of tile, marble or plaster. A most important feature is the complete accessibility of the space back of the Closet so that it can readily be kept clean.

To the sanitary and mechanical advantages of the "PERFECTO" Seat must be added that of its artistic appearance; in this respect it marks a distinct improvement over Closets which have heretofore been made with the Seat the same size and shape as the bowl, the effect of which is most unsatisfactory and but little removed from that of an ordinary Hopper Closet.

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COMPETITIONS.

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COMPETITIONS.

LIBRARY BUILDING.

[At Augusta, Me.]

The Trustees of the Lithgow Library and Reading-room Association of Augusta, Me., invite the submission of plans for a library building, to be built of granite and erected at Augusta, Me., to cost twenty-five thousand dollars (\$25,000).
Plans to be submitted by the 15th of July, 1893.
The terms of submission and details, as far as determined upon by the Trustees, will be furnished upon application to the Secretary.

LENDALL TITCOMB, Secretary,
910 Augusta, Me.

PROPOSALS.

Treasury Department, Office of the Supervising Architect, Washington, D. C., May 22, 1893. Sealed proposals will be received at this office until 2 o'clock P. M. on the 14th day of June, 1893, and opened immediately thereafter, for all the labor and materials required for the erection and completion (except heating-apparatus) of the United States Custom-house and Post-office building at Houlton, Me., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Houlton, Me. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids, or to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All bids received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Erection and Completion (except Heating-apparatus) of the United States Custom-house and Post-office building at Houlton, Me.," and addressed to JEREMIAH O'ROURKE, Supervising Architect. 910

Treasury Department, Office Supervising Architect, Washington, D. C., May 22, 1893. Sealed proposals will be received at this office until 2 o'clock P. M. on the 20th day of June, 1893, and opened immediately thereafter, for all the labor and materials required for the cut-stone work and brick work, iron and wood floor, ceiling and roof construction and roof covering for the superstructure of the United States Post-office building at York, Pa., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent, at York, Pa. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids, and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes

PROPOSALS.

opes, sealed, and marked "Proposal for Cut-stone Work and Brick Work, Iron and Wood Floor, Ceiling and Roof Construction and Roof Covering for the Superstructure of the United States Post-office building at York, Pa.," and addressed to JEREMIAH O'ROURKE, Supervising Architect. 910

Office of the Light-house Engineer, Third District, Tompkinsville, May 22, 1893. Proposals will be received at this office until 12 o'clock noon of Wednesday, the 7th day of June, 1893, for furnishing materials and labor of all kinds necessary for the construction of the sea wall at the United States General Light-house Depot, Staten Island, New York, according to the plans and specifications therefor, which, together with other information, may be obtained on application to this office. The amount available for this work is about \$50,000. The right is reserved to reject any or all bids, and to waive any defects. D. P. HEAF, Major of Engineers, United States Army, Engineer Third Light-house District. 909

Treasury Department, Office Supervising Architect, Washington, D. C., May 17, 1893. Sealed proposals will be received at this office until 2 o'clock P. M. on the 9th day of June, 1893, and opened immediately thereafter, for all the labor and materials required for the cut-stone and brick work, iron and wood floor, ceiling and roof construction, roof-covering, skylight, etc., for the superstructure of the United States Post-office building at Fort Worth, Texas, in accordance with the drawings and specification, copies of which may be had at this office, or the office of the Superintendent, at Fort Worth, Texas. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids, or to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes, sealed, and marked "Proposal for the Cut-stone and Brickwork, etc., for the United States Post-office building at Fort Worth, Texas," and addressed to JEREMIAH O'ROURKE, Supervising Architect. 910

Treasury Department, Office Supervising Architect, Washington, D. C., May 10, 1893. Sealed proposals will be received at this office until 2 o'clock P. M. on the 2d day of June, 1893, and opened immediately thereafter, for all the labor and material required for the trench excavation, foundations, basement and area walls, basement columns and first-floor iron beams of the United States Post-office building at Chester, Pa., in accordance with drawings and specification, copies of which may be had at this office, or the office of the Superintendent, at Chester, Pa. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids, or to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes, sealed, and marked "Proposal for the Trench Excavation, Foundations, Basement and Area Walls, etc., of the United States Post-office building at Chester, Pa.," and addressed to JEREMIAH O'ROURKE, Supervising Architect. 909

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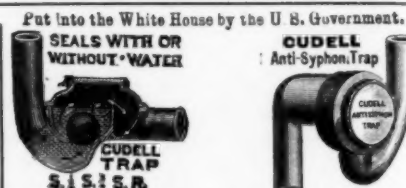
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[See Alphabetical Index on page VII for Pagination].

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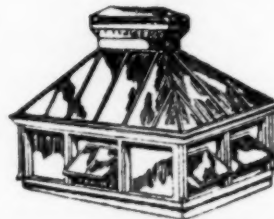
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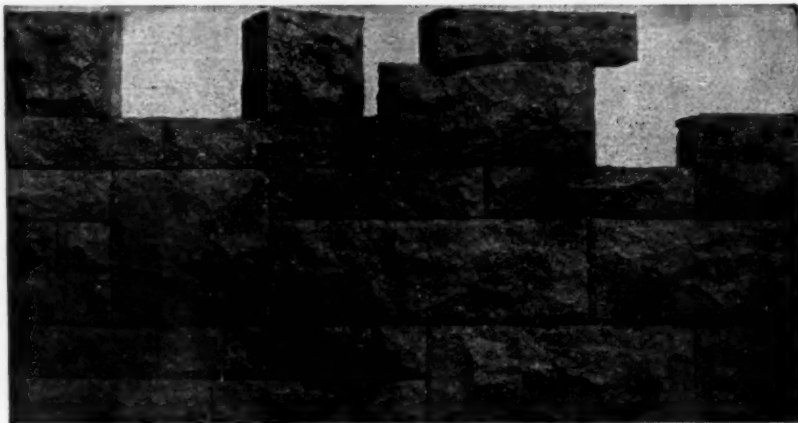
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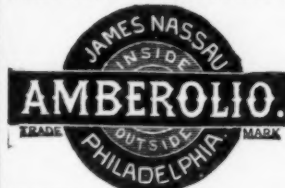
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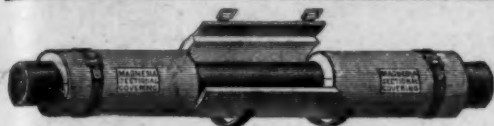
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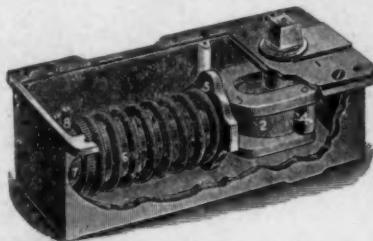
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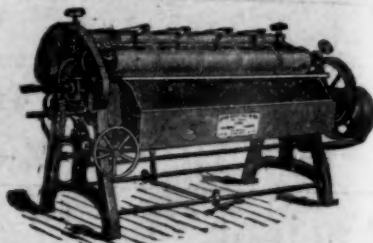
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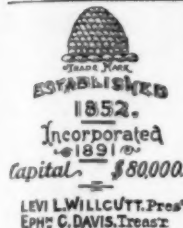
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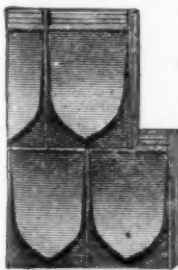
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55 00 @ 60 00	42 00 @ 50 00	27 00 @ 38 00	40 00 @ 45 00
18 00 @ 22 00	35 00 @ 40 00	14 00 @ 20 00	30 00 @ 35 00
@ 25 00	14 50 @ 25 00	Not sold.	16 00 @ 20 00
ea 134 @ 14	13 00 @ 15 00	@ 12 00	11 25 @ 13 50
20 @ 40	25 00 @ 35 00	21 00 @ 34 00	14 00 @ 29 00
@	31 00 @ 40 00	18 00 @ 34 00	@ 35 00
@	38 00 @ 60 00	19 00 @ 24 00	14 00 @ 25 00
@	23 00 @ 38 00	Not sold.	Not sold.
14 00 @ 18 00	15 50 @ 18 00	12 00 @ 17 50	25 00 @ 37 30
12 00 @ 16 00	13 00 @ 15 00	Not sold.	16 00 @ 18 00
18 00 @ 21 00	22 00 @ 35 00	10 00 @ 13 00	13 00 @ 17 00
@	@	24 00 @ 34 00	22 00 @ 28 00
@ 2 50	2 25 @ 2 50	@ 2 65	2 75 @ 3 00
@ 2 50	2 35 @ 3 00	Not sold.	2 30 @ 3 00
5 00 @ 6 00	@	Not sold.	2 60 @ 3 15
4 00 @ 5 00	@ 4 50	Not sold.	Not sold.
1 50 @ 2 00	1 50 @ 00	6 00 @ 7 50	(30" \$35 @ 40
1 40 @ 1 60	3 75 @ 4 00	Not sold.	24" 8 @ 21
@	@	2 60 @ 2 75	20" 35 @ 14
@	2 00 @ 4 00	3 50 @ 4 00	11 00 @ 14 00
18 00 @ 20 00	5 00 @ 6 00		
4 @ 5	Piles 6c. P. ft.	Cut to order.	
8 00 @ 10 00	10 00 @ 18 00	P. 10 00 @ 22 00	9 00 @ 13 00
@	25 @ 50	9 @ 21	40 @ 1 25
@	25 @ 50	Not sold.	20 @ 30
@ 55 00	45 00 @ 60 00	14 00 @ 30 00	42 50 @ 47 50
80 00 @ 120 00	90 00 @ 120 00	35 00 @ 30 00	100 00 @ 120 00
40 00 @ 60 00	60 00 @ 70 00	17 00 @ 35 00	70 00 @ 80 00
@ 180 00	150 00 @ 180 00	110 00 @ 170 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	12 00 @ 20 00	25 00 @ 55 00
@ 70 00	@ 50 00	17 00 @ 27 00	42 50 @ 55 00
@ 70 00	50 00 @ 55 00	16 00 @ 28 00	45 00 @ 55 00
@ 90 00	65 00 @ 75 00	34 00 @ 40 00	60 00 @ 75 00
	50 00 @ 65 00	25 00 @ 28 00	87 50 @ 65 00
65 00 @ 70 00	50 00 @ 75 00	33 00 @ 50 00	@ 65 00
60 00 @ 70 00	60 00 @ 70 00	40 00 @ 45 00	60 00 @ 75 00
@ 6		per M. 600 00	
	32 00 @ 35 00		
125 00 @ 150 00	85 00 @ 120 00	40 00 @ 75 00	50 00 @ 170 00
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@ 45 00	40 00 @ 42 00	31 00 @ 34 00	@ 42 00

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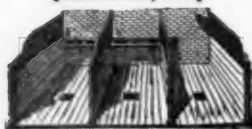
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" 1st.....	6 00 @ 6 25	9 50 @ 10 00	14 00 @ 20 00	@ 10 00
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Fronts:		20 00 @ 22 00	@ 27 00	Red " @ 13 00
Croton, Brown.....	@ 12 00	Philadelphia }		Dark " @ 13 00
" dark.....	@ 13 00	40 00 @ 45 00		Pressed 18 00 @ 20 00
" red.....	@ 13 00	Phila. mould }		Best Paving @ 14 00
Chicago pressed (Anderson).....		50 00 @ 80 00		Second " @ 13 00
" Moulded.....				Third " @ 12 00
Baltimore.....	37 00 @ 41 00		15 00 @ 27 00	Dom. { @ 65
Philadelphia.....	23 00 @ 24 00		65 00 @ 350 00	@ 82
Trenton.....	@ 19 00		@ 55 00	BS&Co 1 30 @ 1 50
Milwaukee.....			45 00 @ 50 00	2 85 @ 3 25
Moulded:			45 00 @	2 85 @ 3 15
Glens Falls Red Pressed.....	@ 37 00		25 00 @	2 75 @ 3 00
" " Buff.....	@ 30 00		60 00 @ 100 00	2 85 @ 3 15
" " Moulded Red & Buff	45 00 @ 70 00		30 @	2 75 @ 2 85
Enamelled: Imp.			35 @	Hemmoor 2 50 @ 2 75
Enamelled (edge).....	85 00 @ 100 00		55 00 @ 65 00	2 75 @ 2 85
Enamelled (edge and end).....	90 00 @ 115 00		@ 100 00	Josson 2 60 @ 2 75
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Louisville.....	Not sold.	Brooks, S. & Co.	1 05 @ 1 15	2 85 @ 3 15
Utica, Akron, Buffalo, Milw'kee.		2 40 @ 2 75	1 00 @ 1 10	2 75 @ 3 00
Portland, English (Gibbs).....	2 25 @ 2 50	2 40 @ 2 75	3 00 @ 3 10	2 85 @ 3 15
" (K. B. & S.).....	2 50 @ 3 00	2 40 @ 2 75	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross.....	2 25 @ 2 50	2 40 @ 2 75	3 00 @ 3 25	2 85 @ 3 15
" " (Burnham).....	2 50 @ 2 50	2 40 @ 2 75	2 90 @ 3 15	2 75 @ 2 85
" " (White's).....	2 65 @ 3 00	2 40 @ 2 75	3 00 @ 3 25	
" " French (Lafarge).....	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	
" " German (Aisen).....	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	
" " (Fewer).....	2 25 @ 2 40		3 20 @ 3 40	
" " (Vorwöhler).....	2 50 @ 2 90		@	
" " (Lagerdofer).....	2 60 @ 2 90	2 40 @ 2 75	2 75 @ 3 00	
" " (Dryckerhoff).....	2 50 @ 3 00	3 00 @ 3 50	3 25 @ 3 50	
" " (Hanover).....	2 35 @ 2 85	Condor 2 50 @ 2 75	Not sold.	
" " Stettin, (Anchor).....	2 15 @ 2 25	Wedge 2 40 @ 2 75	Not sold.	
" " American (Saylor's).....	2 75 @ 3 00	2 15 @ 2 50	2 60 @ 2 70	
Roman.....	2 75 @ 3 00	@ 3 50	2 75 @ 3 25	
Keene's coarse.....	4 50 @ 5 30	@ 6 00	6 00 @ 7 00	
" superfine.....	5 00 @ 5 50	7 00 @ 9 00	9 00 @ 10 50	
Lime:				
Lime of Tell.....	3 50 @ 4 00	@ 1 35	Not sold.	White Lime P bush 25 @ 30
Hydraulic Lime.....	@ 1 45	St. John 1 00	60 @ 70	{ White Mash 1 25 @ 1 50
Chicago Lime in bulk.....			60 @	1 00 @ 1 00
Wisconsin Lime.....	@ 80	@ 1 05	Not sold.	
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Plaster of Paris (calcined).....	1 40 @ 1 50	1 85 @ 2 00	1 85 @ 1 90	
" (casting).....	@ 1 60	@ 2 25	1 85 @ 1 90	
Hair (Cattle) P bush.....	16 @ 18	25 @ 30	16 @ 20	
" (Goat).....	18 @ 21	@ 30	30 @ 35	
Sand, P load.....	1 00 @ 1 25	1 75 @ 1 90	@ 60	
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Bedford.....	45 @ 1 25	95 @ 1 00	50 @	55 @ 65
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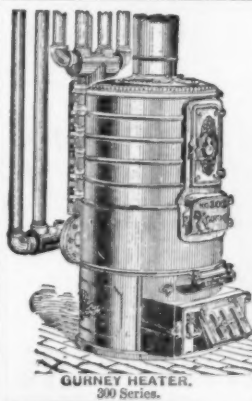
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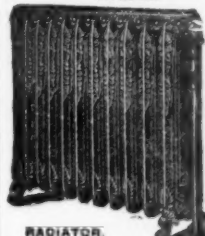
Foundation:	Wholesale Prices.)	(Prices to Builders and Contractors,		
Dimension.....	500 @ 500	20 @	Conschocken	500
Block.....	460 @ perch.	850 @	145 @	250
Rubble.....	125 @ 150			
Bluestone: (P sq. ft.)				
Sidewalk.....	30 @ 500	40 @ 175	1 in. th. 10 @	25
Planed.....	50 @ 600	75 @ 100	37 @	50
Sandstone:				
Longmeadow.....	80 @ 80	80 @ 90	95 @	105
Kibbe.....	90 @ 90	90 @ 110	105 @	125
Brown (Connecticut).....	100 @ 100	125 @ 145	85 @	95
Amherst Ohio.....	90 @ 95	90 @ 100	55 @	75
Berea.....	75 @ 100	85 @ 90	85 @	95
Berlin.....	75 @ 100	80 @ 90	100 @	110
Belleville.....	80 @ 125	125 @ 135	105 @	115
New Brunswick (Dorchester).....	100 @ 100	75 @ 90	125 @	135
Caen.....	105 @ 105	200 @	95 @	105
Carlisle, English.....	105 @ 105	105 @	95 @	105
Corse Hill (Scotch).....	105 @ 105	105 @	95 @	105
Marble: (P cu. ft.)				
Leo, Mass.....	175 @ 250	Not Sold.	200 @	250
Rutland, white and blue.....	300 @ 300	350 @ 600	200 @	300
Sutherland Falls.....	125 @ 175	350 @ 600	170 @	300
Glens Falls, black.....		Not Sold.	400 @	450
Italian, blue-veined.....		4 @ 40	250 @	275
Sienna.....		Not Sold.	400 @	500
Tennessee, red.....		4 @ 40	400 @	600
Knoxville.....		4 @ 40	300 @	400
Pennsylvania, blue.....		Not Sold.	200 @	300
Vermont, white.....		350 @ 600	225 @	300
Slate: Roofing (P square).....				
green.....	500 @ 600	475 @ 525	230 @	300
unfading.....	500 @ 600	550 @ 650	325 @	375
purple.....	500 @ 600	550 @ 650	350 @	450
red.....	1000 @ 1000	1000 @ 1100	150 @	1025
black, Lehigh.....	425 @ 475		225 @	400
Chapmans.....			730 @	800
Unfading black, Monson, Me.....	550 @ 800	550 @ 800	550 @	800
Tiles, Am.....			Not Sold.	
N. Peach Bottom, warranted unfading.....			600 @	900
PAINTS. (In Oil P lb.)				
White lead, Am.....	7 @ 74	61 @ 7	7 @ 74	
zinc.....	5 @ 54	61 @ 7	5 @ 103	
Red lead, Am.....	6 @ 104	7 @ 12	12 @ 20	
Venetian.....	65 @ 70	70 @ 5 dry	85 @ 68	
Vermillion.....	12 @ 20	12 @ 20	12 @ 20	
Indian, Eng.....	6 @ 15	7 @ 12	3 @ 15	
Yellow Ochre.....	12 @ 20	18 @ 25	15 @ 25	
Chrome.....	8 @ 13	8 @ 20	8 @ 20	
Green (chrome).....	25 @ 40	25 @ 40	18 @ 35	
Green, Paris.....	15 @ 25	15 @ 25	8 @ 30	
Black, lamp.....	12 @ 18	18 @ 30	12 @ 35	
Blue, ultramarine.....	55 @ 62	51 @ 52	57 @ 60	
Oil, linseed, (raw).....	38 @ 65	54 @ 55	60 @ 63	
boiled.....	38 @ 65	54 @ 55	60 @ 63	
Turpentine.....	150 @ 600	125 @ 200	125 @ 200	
Varnish, coach.....	250 @ 300	225 @ 400	150 @ 300	
Shellac.....	2 @ 4	2 @ 24	2 @ 24	
Putty.....	75 @ 100	1 @ 14	1 @ 14	
Whiting.....	130 @ 200	2 @ 3	1 @ 2	
Paris white, (Eng.).....	54 @ 6	6 @ 7	6 @ 7	
Litharge, Am.....	14 @ 20	14 @ 20	4 @ 16	
Sienna (burnt).....	14 @ 20	14 @ 20	2 @ 10	
Umber.....				
HARDWARE.				
Nails: (Per Cask.) Spikes, (wrought).....	2 @ 25		235 @ 350	
10d. common.....	2 @ 25		1 @ 15	
Shingle.....	3 @ 35		2 @ 35	
Lath.....	4 @ 85		3 @ 35	
(Finishing nails according to size).....			40 @ 42	
(For casing nails add 75 c. per keg).....			150 @ 200	
Butte: 4" x 4".....(P doz. pair).....			2 @ 24	
Plain.....	100 @	120 @	135 @ 200	
Japanned.....	150 @	175 @	135 @ 275	
Acorn, Japanned.....	150 @	190 @	48 @ 50	
Ball Tip, Boston Finish.....(P pair).....	65 @	50 @	100 @ 125	
Bronze metal.....	190 @	165 @	100 @ 100	
Brass (for cupboards).....	10 @	10 @	37 @ 100	
Ebony.....				
Apple wood.....				
Knobs: (P set).....				
Mineral, best.....	8 @	8 @	8 @ 10	
Lava.....	50 @	75 @	65 @ 80	
Hemacite.....	Not Sold.	17 @ 33	31 @ 40	
Porcelain.....	30 @	10 @	25 @ 30	
Glass, solid.....	Not Sold.	50 @	Not Sold.	
Glass, silvered.....	Not Sold.	88 @ 100	1 @ 150	
Bronze metal.....	75 @ 200	50 @ 300	50 @ 300	
Brass.....	100 @ 250	50 @ 300	100 @ 300	
Solder:			14 @ 16	
Sheet Lead.....		7 @	5 @ 6	
Lead Pipe.....		6 @		
Iron:				
I-Beams, up to and including 30 ft.....	33-10 @ 34	34-10 @	250 @ 275	
do. over 30 ft., 1/2 c. adv. for every 5 ft.	33-10 @ 34	34-10 @	50 @ 275	
Channel Beams.....				

FLUCTUATIONS.

Chicago, Ill. — Building-bricks, lumber, etc., continue as last reported in rather over-supply, and prices more in favor of buyers. Labor, also, is becoming something of an over-stock and Union prices are liable to be made lower in the near future; they certainly will unless building should start more earnestly than it now promises.



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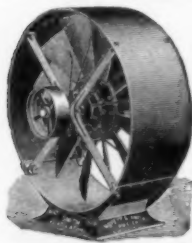
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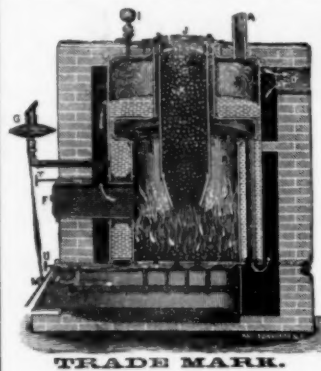
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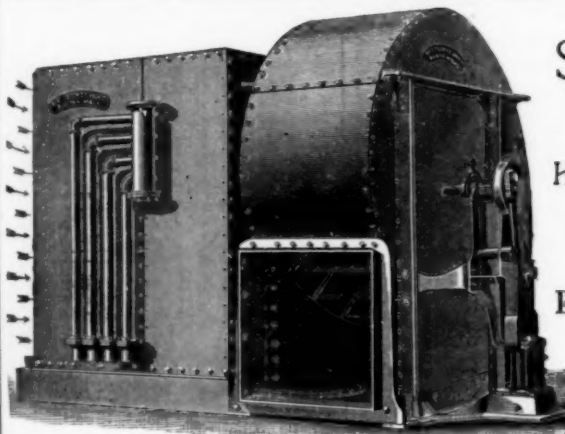
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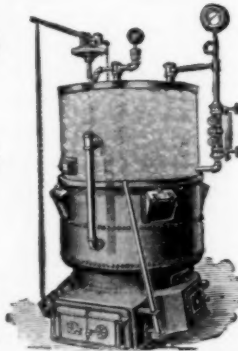
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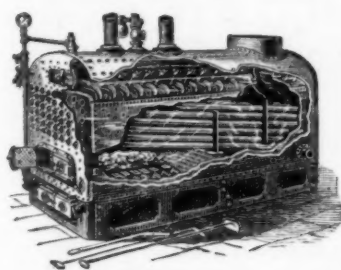
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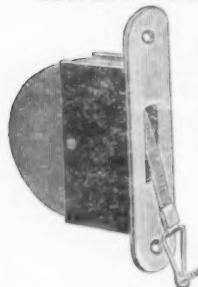
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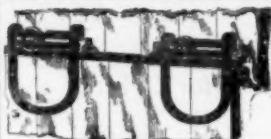
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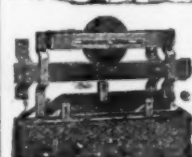


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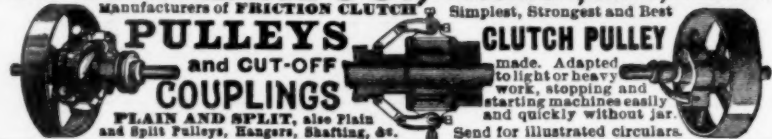
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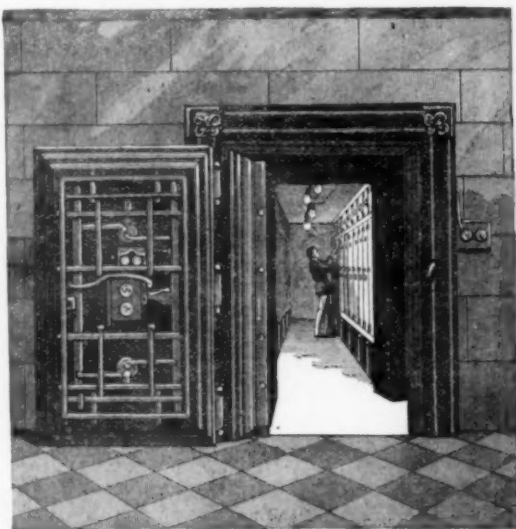
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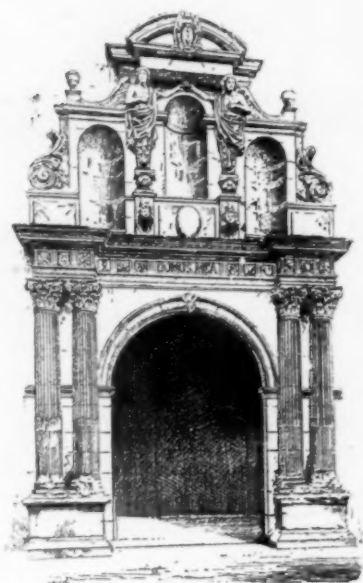
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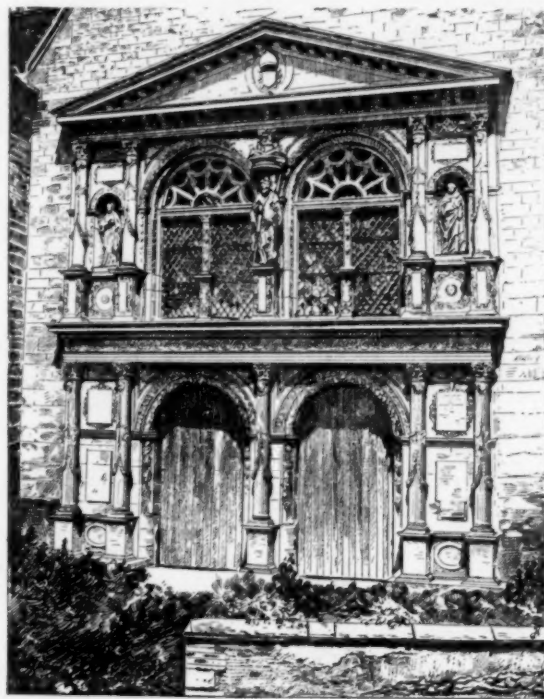
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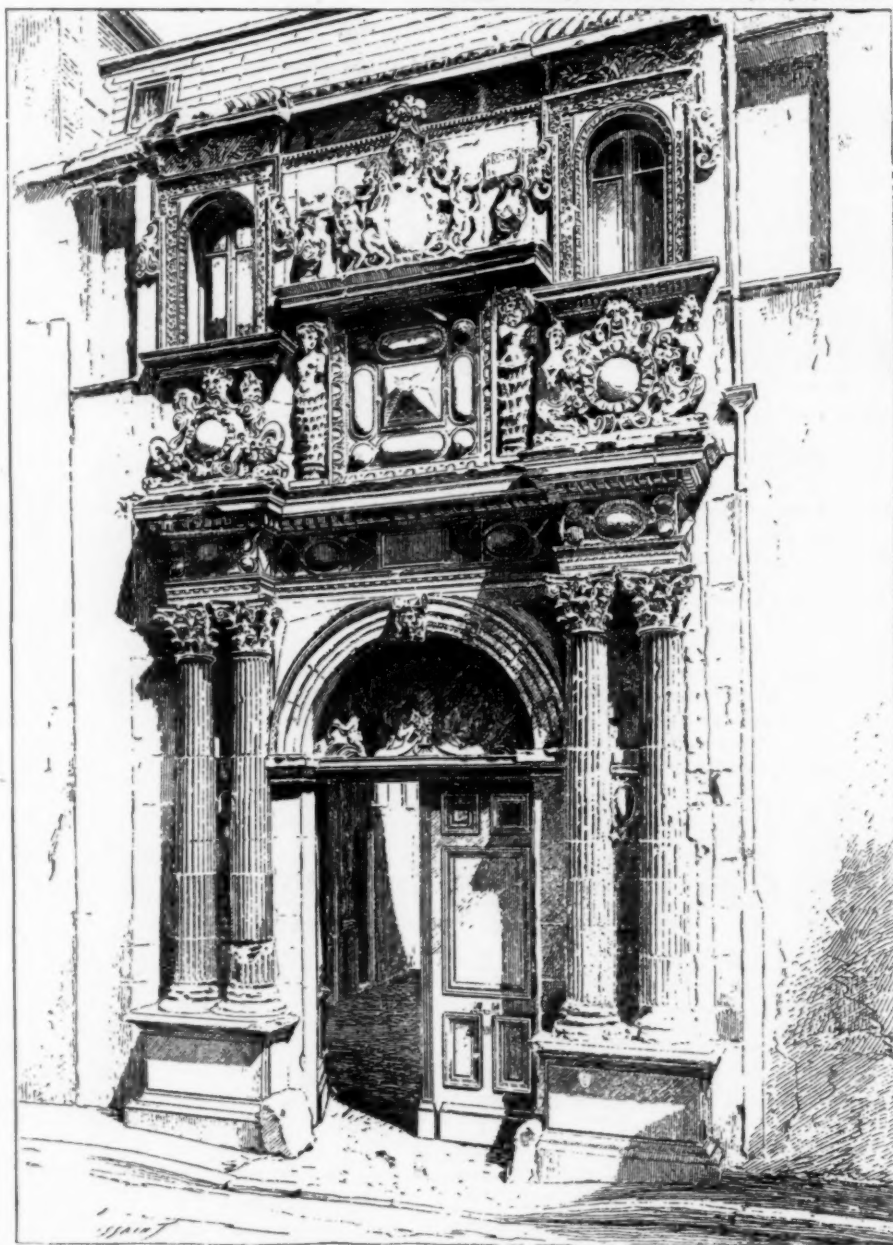
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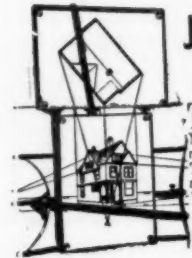
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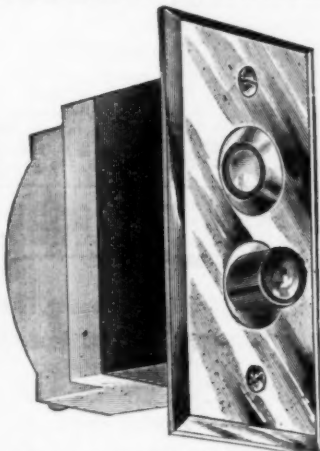
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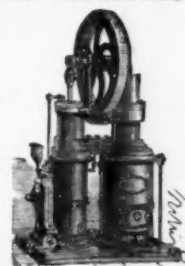
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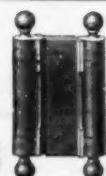
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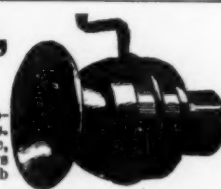
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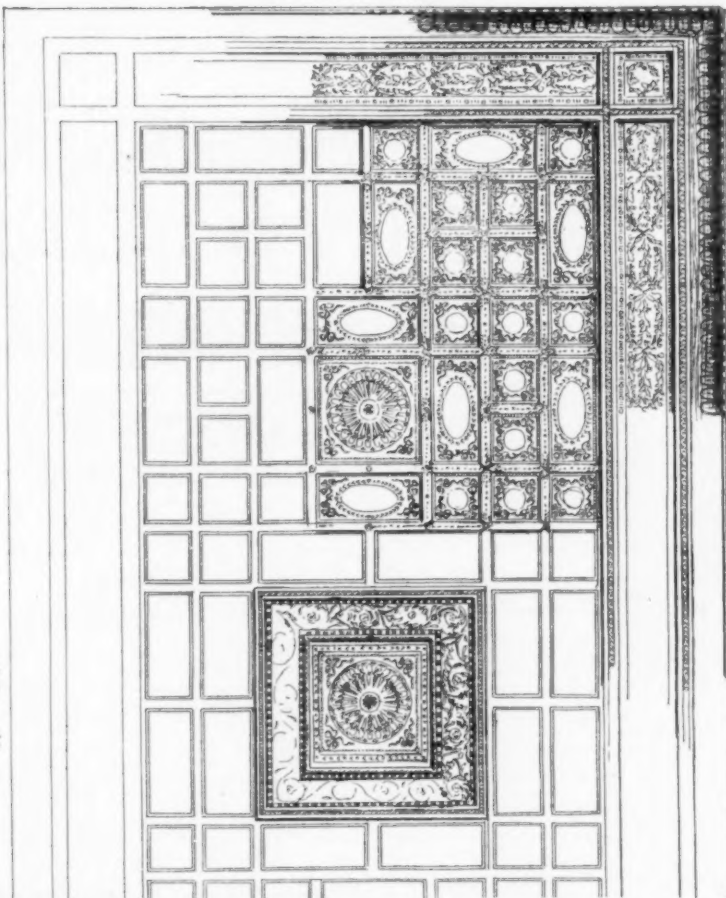
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Olaf Thompson, two-st'y flats, 645 South Leavitt St.; cost, \$5,000.

BUILDING INTELLIGENCE.

(Apartment-Houses Continued.)

Herman Berlin, two-st'y flats, 450 Clybourne Ave.; cost, \$3,000.

M. O. Hagaman, two-st'y flats, 6452 Evans Ave.; cost, \$3,000.

A. & L. Stark, two-st'y flats, 1243-1245 Humboldt Boulevard; cost, \$5,000.

S. Raynerston, three-st'y flats, 803 Maplewood St.; cost, \$4,500.

Hans Dronwald, two-st'y flats, 695 Maplewood St.; cost, \$6,000.

W. A. Pridmore, 5 two-st'y flats, 104-112 Seventy-fifth St.; cost, \$15,000.

Stolberg & Lundberg, 2 two-st'y flats, 1250-1252 Fifty-ninth St.; cost, \$5,000.

J. N. Cummings, 3 two-st'y flats, 359, 385 and 387 Hamline Ave.; cost, \$13,500.

Frederick Pitz, three-st'y flats, 40 Crystal St.; cost, \$3,600.

A. Procter, three-st'y flats, 400 Washburn Ave.; cost, \$3,000.

George Hummel, three-st'y flats, 371 South Robey St.; cost, \$4,000.

M. Bell, three-st'y flats, 517 Albany Ave.; cost, \$6,300.

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BUILDING INTELLIGENCE.

(Apartment-Houses Continued.)

C. A. Johnson, two-sty flats, 6957 Union Ave.; cost, \$5,000.
John O'Malley, 2 four-sty flats, 2924-2925 Indiana Ave.; cost, \$20,000.
William Tromm, two-sty flats, 1544 Clybourne Ave.; cost, \$3,800.
Peter Reese, two-sty flats, 1318 Newport Ave.; cost, \$3,000.
Mack Flaws, 2 two-sty flats, 6200 1/2 Ada St.; cost, \$4,000.
Mack J. Flaws, 2 two-sty flats, 6201-6203 Loomis St.; cost, \$4,000.
Randolph & Strong, 2 three-sty flats, 6124-6126 Wharton Ave.; cost, \$20,000.
Val. Gaslirowka, two-sty flats, 1015 West Nineteenth St.; cost, \$4,200.
New York, N. Y. — Sixty-eighth St., n w cor. First Ave., 4 five-sty brick flats, tin roofs; cost, \$89,500; owner, John Schreiner, Jr., 104 West One Hundred and Twenty-third St.; architect, John Hauser, 1441 Third Ave.
Monroe St., No. 166, five-sty brick flat, tin roof; cost, \$20,000; owners, Well & Meyer, 227 East Sixtieth St.; architects, Schneider & Herter, 48 Bible House.
East Tenth St., No. 217, five-sty brick flat, tin roof; cost, \$20,000; owner, George Horenberger, 62 Seventh St.; architects, Kurtzer & Rohl, cor. Seventh St. and Third Ave.
Twenty-fourth St., s s 325 1/2 w Seventh Ave., 3 five-sty brick flats, tin roofs; cost, \$78,000; owners, Cummings & Ferguson, 719 Eighth Ave.; architect, M. V. B. Perdon, 265 West Thirty-fourth St.
Hudson St., No. 597, five-sty brick flat, tin roof; cost, \$23,000; owner, James W. Ketchum, 71 East One Hundred and Seventh St.; architect, Thomas S. Goodwin, 211 West Fifty-eighth St.
St. Louis, Mo. — Two-sty flats, e s Flouissant St., bet. Tanner and Salisbury Sts.; cost, \$7,000; owner, F. Schwartz; contractors, Henighaus & Volmer.
Two-sty flat, n s Harper St., bet. Thomson and Grand Aves.; cost, \$3,800; owner, W. Kamp; contractors, P. Ruchess & Son.
Two-sty flat, w s Virginia St., bet. Malt and Haven Sts.; cost, \$3,150; owner, W. P. Evans; contractors, Thul & Bro.
Two two-sty flats, n s Clark Ave., bet. Twenty-second and Twenty-third Sts.; cost, \$5,800; owner, H. Fuller; contractor, Mr. Dietz.
Two-sty brick flat, s s Laclede St., bet. Cabenne and Vandeventer Aves.; cost, \$4,500; owner, R. M. Kelly; contractor, John Costello.
Two two-sty brick flats, s s Easton St., w Pendleton St.; cost, \$6,400; owner, Edw. Flynn; contractor, H. Rollins.
Two two-and-one-half-sty flats, w s Liberty St., bet. Congress and Cambria Sts.; cost, \$5,000; owner, Paul Conrad; contractors, Thomson & Merz.
CHURCHES.
Corsicana, Texas. — Edifice will be built by the Methodists to cost about \$20,000.
East Mauch Chunk, Pa. — Church for the First Reformed Church; Rev. Morgan A. Peters is on the building-committee.
New Castle, Pa. — Brick and stone church for the First Presbyterian Church.
New York, N. Y. — Eighty-second St., s s 150 1/2 e Amsterdam Ave., one-sty brick church, peaked tin roof; cost, \$115,000; owner, Congregation Shaaray

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(Churches Continued.)

Tedla, Seventh Ave. and Fifty-seventh St.; architects, Brunner & Tryon, 36 Union Square.
Philadelphia, Pa. — Twelfth St., e s s Bainbridge St., two-sty brick church; builder, W. J. Mingle, 923 Locust St.
Reading, Pa. — Chapel for the congregation of the Fifth St. Methodist Church.
FACTORIES.
Baltimore, Md. — Chas. and Hy. Rosendale will build five-sty brick factory building, e s Frederick St., bet. Fayette and Gay Sts.
Philadelphia, Pa. — North Broad St., Nos. 2917-2921, brick and granite plant for Alcock, Ross & Scully; builders, Brennan & Bro.
Allegheny Ave. and Nineteenth St., 2 six-sty factories; architect, Walter B. Gelsinger, Twelfth and Chestnut Sts.
North Ninth St., No. 1630, one-sty brick factory; builder, Joseph Werderbach, 815 Poplar St.
Worcester, Mass. — Gardner St., five-sty brick factory; owner, Sullivan Forehand, Esq.; architect and contractor, H. L. Putnam.
West Boylston St., 2 two-sty frame factories; owners and builders, Norton Emery Wheel Co.; architects, E. Boyden & Son.
HOUSES.
Baltimore, Md. — M. Z. Hammen, 8 three-sty brick buildings, e s McCulloh St., bet. Robert and Laurens Sts.
Hutt & Sheeler, 5 two-sty brick buildings, n s Lanvale St., e Spring St., and 7 two-sty brick buildings, e s Spring St., n Lanvale St.
Phillip Lydecker, 4 two-sty brick buildings, w s Stinson St., near Haffer St.
Boston, Mass. — Winship St., No. 35, rear, Ward 25, frame dwell., 21' x 31 1/2'; owner, James Galligan; builder, T. Irving.
Eaton Ct., near Cedar St., Ward 21, 2 three-sty frame dwells., flat roofs, 22 1/2' x 50'; owner, Catherine Scully; builder, M. J. Curley.
Waldeck St., near opp. Stratford St. and cor. Park St., Ward 24, two frame dwells., 24 1/2' x 30'; owner and builder, A. L. Jewell.
East Fifth St., Nos. 703-709, Ward 14, 4 three-sty frame dwells., flat roofs, 21 1/2' x 50'; owner and builder, E. R. Flint.
Franklin Ct., near Norfolk Ave., Ward 20, frame dwell., 25' x 29'; owner, Lawrence Connors; builder, W. Eadie.
Stratford St., near Waldeck St., Ward 24, frame dwell., 24 1/2' x 30'; owner and builder, A. L. Jewell.
Amherst St., near Prospect St., Ward 23, frame dwell., 20' x 42'; owner, Thomas Condon; builder, T. Condon.
Alban St., near Wells Ave., Ward 24, frame dwell., 40' x 43'; owner, W. Schumacher; builder, W. Pearl.
Brent St., No. 46, cor. Talbot Ave. extension, Ward 24, frame dwell., 30' x 41'; owner and builder, W. Pearl.
Perham St., near Ivory St., Ward 23, frame dwell., 21' x 38'; owner, Twenty-five Associates; builder, J. S. Coveney.
Johnson St., near Jamaica St., Ward 23, frame

BUILDING INTELLIGENCE.

(Houses Continued.)

dwell., 16' x 36'; owner, T. McGrath; builder, J. F. Sullivan.
Burnett St., near Washington St., Ward 23, three-sty frame dwell., hip roof, 24' x 44'; owner, Vinton N. Mason; builder, J. F. Sullivan.
Falcon St., Nos. 54-56, two frame dwells., 21 1/2' x 61'; owner, Sidney Peterson; builders, S. Peterson & Co.
Sagamore St., No. 28, Ward 24, frame dwell., 27' x 45'; owner, M. J. Portall.
Amory Ave., near Amory St., Ward 23, three-sty frame dwell., flat roof, 40' x 100'; owner, C. D. Van Pett; builders, Tighe & Fraser.
A St., near Boylston St., Ward 23, frame dwell., hip roof, 20' x 49'; owner, R. S. Barons; builder, M. A. Blanchard.
Gladstone St., near Breed St., Ward 1, frame dwell., 24' x 34'; owner, L. A. Berretta.
Conder St., Nos. 65-71, Ward 14, 4 three-sty frame dwells., flat roofs, 21' x 30'; owner, Louise M. Ramas; builder, T. H. Newby.
Ramsay St., near Dorchester Ave., Ward 24, 2 three-sty frame dwells., flat roofs, 23 1/2' x 38'; owners, Peter Hughes and P. F. Dolan; builder, M. Peterson.
Athol St., near Aldie St., Ward 25, 2 three-sty frame dwells., hip roofs, 21' x 44'; owner, James Cose; builders, Alcock & McKay.
Sumner St., Nos. 518-526, Ward 2, 4 three-sty frame dwells., flat roofs, 20 1/2' x 47 1/2', 20 11' x 47 1/2'; owner and builder, John McCormick.
Bartlett St., No. 88, Ward 4, three-sty frame dwell., flat roof; owner, W. A. Grover.
Bradlee St., near School St., Ward 24, frame dwell., 20 1/2' x 30'; owner, Edith M. Adlin; builder, D. G. Squires.
Josephine St., cor. Ditson St., Ward 24, frame dwell., 25' x 34'; owner, W. L. Libby; builder, L. J. Gillis.
Alveston St., Ward 23, two-sty frame dwell., hip roof, 34 10' x 48 10'; owner, John Storer; builders, H. P. Oakman's Sons.
Kenswood St., cor. Dearborn Ave., Ward 25, frame dwell., 20' x 47'; owner, Lydia C. Clapp.
Smith St., near Brookfield St., Ward 23, frame dwell., 24' x 38'; owner and builder, P. M. Brown.
Fontaine St., near Batchelder St., Ward 20, frame dwell., 30' x 54'; owner, W. B. Thomas; builder, J. N. Chute.
Brooklyn, N. Y. — Sixth Ave., n w cor. First Ave., 5 four-sty brick dwells., tin roofs; cost, \$9,000 each; owner and builder, Peter Larsen, 410 Second St.; architect, J. Roth, 352 Sixth Ave.
Pacific St., n s 60' w Underhill Ave., four-sty brick dwell., tin roof; cost, \$5,000; owner, J. O'Reilly, 906 Atlantic Ave.; architect, T. A. Remsen, 913 Atlantic Ave.
Linwood St., w s 100' s Arlington Ave., three-sty frame dwell., tin roof; cost, \$5,000; owner, builder and architect, W. D. Loese, 260 Arlington Ave.
North Fourth St., s s 24 1/2' w Bedford Ave., four-sty brick dwell., tin roof; cost, \$5,000; owner, Caroline Holberg, next to premises; architect, H. Voltwiler, 483 Hart St.
Millford St., w s 200' w Liberty Ave., 4 two-sty frame dwells., tin roofs; cost, \$2,000 each; owner, John Barrett, on premises.

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COMPETITIONS.

LIBRARY BUILDING. [At Augusta, Me.] The Trustees of the Lithgow Library and Reading-room Association of Augusta, Me., invite the submission of plans for a library building, to be built of granite and erected at Augusta, Me., to cost twenty-five thousand dollars (\$25,000). Plans to be submitted by the 15th of July, 1893. The terms of submission and details, as far as determined upon by the Trustees, will be furnished upon application to the Secretary.

LENDALL TITCOMB, Secretary, 910 Augusta, Me.

PROPOSALS.

Treasury Department, Office Supervising Architect, Washington, D. C., May 29, 1893. Sealed proposals will be received at this office until 2 o'clock p. m. on the 21st day of June, 1893, and opened immediately thereafter, for all the labor and materials required for iron-furring, lathing and plastering the United States Post-office, Court-house, etc., building at Troy, N. Y., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Troy, N. Y. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids, and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All bids received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for Iron-furring, Lathing and Plastering the United States Post-office, Court-house, etc., building at Troy, N. Y.," and addressed to JEREMIAH O'ROURKE, Supervising Architect. 911

Office of the Light-house Engineer, Third District, Tompkinsville, N. Y., May 26, 1893. Sealed proposals will be received at this office until 12 o'clock m. Thursday, the 8th day of June, 1893, for furnishing miscellaneous articles for the Light-house establishment. The articles needed consist of nineteen numbered lots, embracing, respectively, charcoal, building material, engineers' supplies, hardware, tools, etc.; iron and steel, belting, graphite paints, etc.; lumber, plate-glass, galvanized and Russia sheet-iron, tin, solder, sheet-zinc and iron wire, sheet brass and copper, composition, brass and nickel castings, bricks, acids, iron castings, sheet-iron smoke-stacks for boilers, electro-plating 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. Envelopes containing proposals should be indorsed "Proposals for Miscellaneous Articles." 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. The

BUILDING INTELLIGENCE.

(Houses Continued.)

Jefferson Ave., n s, 293 e Stuyvesant Ave., 4 two-sty brick dwells., tin roofs; cost, \$18,000; owner, G. H. Stevens, 270 Lewis Ave.; architect, J. S. Stevens, 537 Monroe St.

Knickerbocker Ave., n s, 50 e Harrison Pl., 2 three-sty frame dwells., tin roofs; cost, \$4,000 each; owner, Joe Hart, next to premises; architect, H. Vollweiler, 583 Hart St.; builder, Jao. Reuger Building Co., 250 Moore St.

Bradford St., e s, 25 e Arlington Ave., three-sty frame dwell., tin roof; cost, \$4,200; owner, Dr. Wm. Diehl, 36 McKibben St.; architect, Chas. Infanger, 126 Van Sielen Ave.

Sumpter St., n s, 75 e Patchen Ave., three-sty frame dwell., tin roof; cost, \$4,500; owner, J. Jacobs, 43 Sumpter St.; architect, Chas. Infanger, 126 Van Sielen Ave.

Monitor St., e s, 175 n Richardson St., three-sty frame dwell., tin roof; cost, \$4,000; owner, J. Werner, 549 Grand St.; architect, Chas. Klopfer, 273 Leonard St.

Degrass St., s s, 550 e Underhill Ave., four-sty brick dwell., tin roof; cost, \$10,000; owner and builder, John Auer, Bushwick Ave. and Cedar St.; architect, Th. Engelhardt, 905 Broadway.

McDonough St., s s, 75 e Stuyvesant Ave., 4 two-and-one-half-sty brick dwells., tin roofs; cost, \$5,600 each; owner and architect, Arthur Taylor, 182 McDonough St.

Nassau Ave., s s, 25 e Morgan Ave., three-sty frame dwell., felt and gravel roof; cost, \$3,800; owner, A. Schaeffer, premises; architect, G. Harry Madigan, 211 Manhattan Ave.

Varet St., s s, 95 e Bushwick Ave., two-sty frame dwell., tin roof; cost, \$3,500; owner and builder, G. Dietrich, 174 Varet St.; architect, Th. Engelhardt, 905 Broadway.

BUILDING INTELLIGENCE.

(Houses Continued.)

Jefferson Ave., n s, 80 e Reid Ave., three-sty brick dwell., tin roof; cost, \$5,000; owner, John Hagen, Hart St.; architect, S. Peden, 135 Vernon Ave.

McDonough St., s s, 344 w Ralph Ave., 4 two-sty brick dwells., tin roofs; cost, \$4,500 each; owner, Chas. G. Reynolds, 185 Ralph Ave.; architect, H. B. Hill, 194 Ralph Ave.

Kosciusko St., n s, 23 e Sumner Ave., 4 three-sty brick dwells., tin roofs; cost, \$4,000 each; owner and builder, D. S. Beasley, 187 Van Buren St.; architect, A. L. Beasley, 763 Monroe St.

Sixteenth St., n s, 147 10 1/2 e Seventh Ave., 2 four-sty brick dwells., tin roofs; cost, \$7,500 each; owner, architect and builder, Wm. Calder, 371 Sixth Ave.

Second St., n s, 200 w Fifth Ave., 5 three-sty brick dwells., tin roofs; cost, \$25,000; owner and builder, C. W. Morton, 441 Eighth Ave.; architect, H. W. Billard, Jefferson Building.

Frost St., s s, 150 e Ewen St., three-sty frame dwell., tin roof; cost, \$4,500; owner, Fred Heydt, 83 Hubert St.; architect, Th. Engelhardt, 905 Broadway.

Palmetto St., s e cor. Ridgewood Ave., 4 three-sty frame dwells., tin roofs; total cost, \$16,500; owner, F. Robinson, 1896 Fulton St.; architect, E. Dennis, 115 Himrod St.

Eighth Ave., e s, 23 n Eleventh St., 4 four-sty brick dwells., tin roofs; cost, \$8,000 each; owner, Wm. Brown, 374 Seventh St.; architect, W. M. Cooke, 189 Montague St.

Polhemus Pl., w s, 80 n Garfield Pl., 5 two-and-one-half-sty brick dwells., tin roofs; cost, \$6,500 each; owners and builders, Martin & Lee, 440 Clermont Ave.; architect, J. D. McAuliffe, 319 Flatbush Ave.

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PROPOSALS.

right is also reserved to require the delivery under the contract of a greater or less quantity of any item mentioned in the specifications other than quantities therein specified. Bidders are invited to be present at the opening of proposals. D. P. HEAP, Major of Engineers, U. S. A., Engineer Third Light-house District. 910

Treasury Department, Office of the Supervising Architect, Washington, D. C., May 22, 1893. Sealed proposals will be received at this office until 2 o'clock P. M. on the 14th day of June, 1893, and opened immediately thereafter, for all the labor and materials required for the erection and completion (except heating-apparatus) of the United States Custom-house and Post-office building at Houlton, Me., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Houlton, Me. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids, or to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All bids received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Erection and Completion (except Heating-apparatus) of the United States Custom-house and Post-office building at Houlton, Me.," and addressed to JEREMIAH O'ROURKE, Supervising Architect. 910

Treasury Department, Office Supervising Architect, Washington, D. C., May 22, 1893. Sealed proposals will be received at this office until 2 o'clock P. M. on the 20th day of June, 1893, and opened immediately thereafter, for all the labor and materials required for the cut-stone work and brick work, iron and wood floor, ceiling and roof construction and roof covering for the superstructure of the United States Post-office building at York, Pa., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent, at York, Pa. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids, and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes, sealed, and marked "Proposal for Cut-stone Work and Brick Work, Iron and Wood Floor, Ceiling and Roof Construction and Roof Covering for the Superstructure of the United States Post-office building at York, Pa.," and addressed to JEREMIAH O'ROURKE, Supervising Architect. 910

Treasury Department, Office Supervising Architect, Washington, D. C., May 17, 1893. Sealed proposals will be received at this office until 2 o'clock P. M. on the 9th day of June, 1893, and opened immediately thereafter, for all the labor and materials required for the cut-stone and brick work, iron and wood floor, ceiling and roof construction, roof-covering, skylight, etc., for the superstructure of the United States Post-office building at Fort Worth, Texas, in accordance with the drawings and specification, copies of which may be had at this office, or the office of the Superintendent, at Fort Worth, Texas. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids, or to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes, sealed, and marked "Proposal for the Cut-stone and Brickwork, etc., for the United States Post-office building at Fort Worth, Texas," and addressed to JEREMIAH O'ROURKE, Supervising Architect. 910

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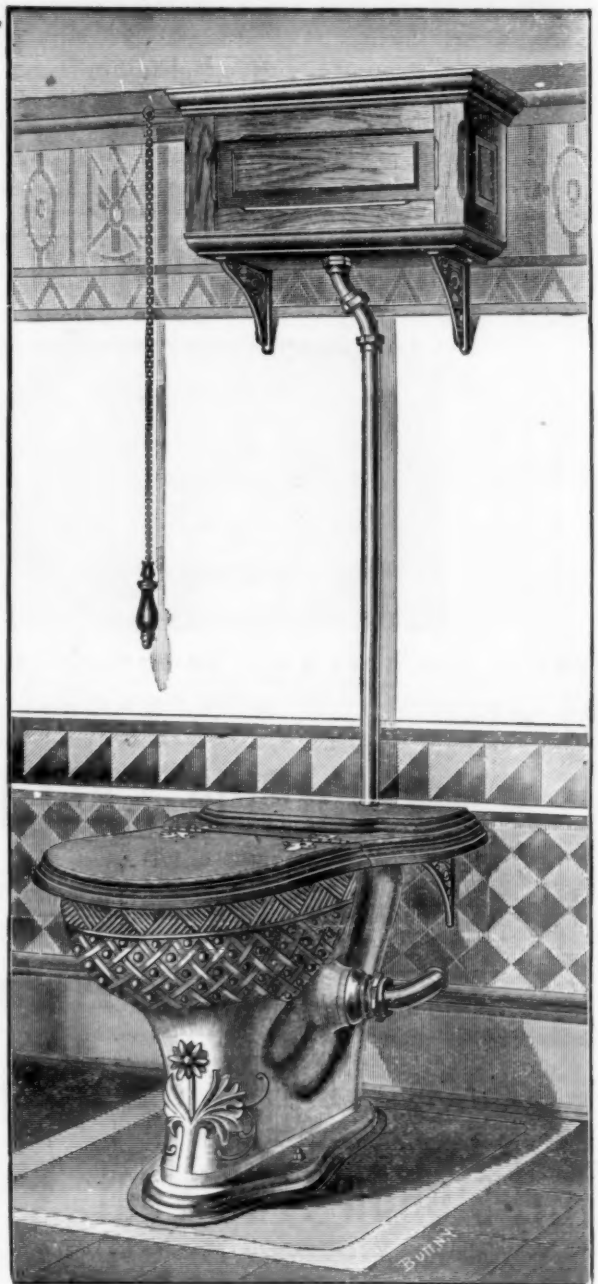


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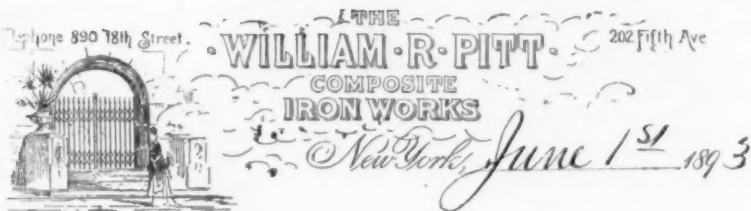
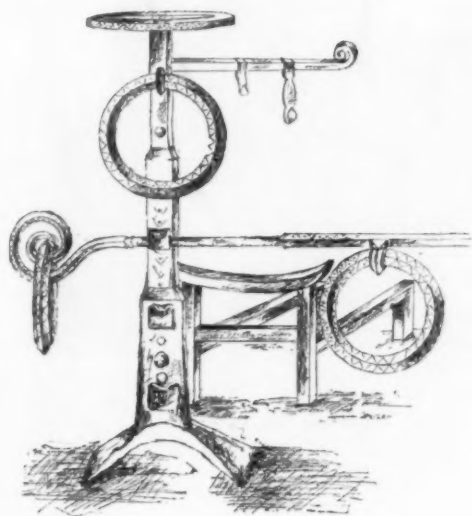
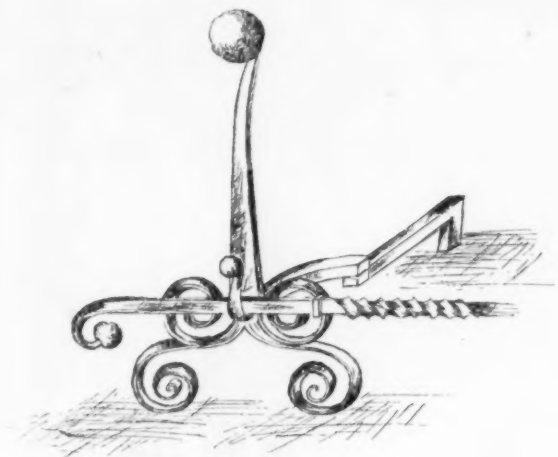
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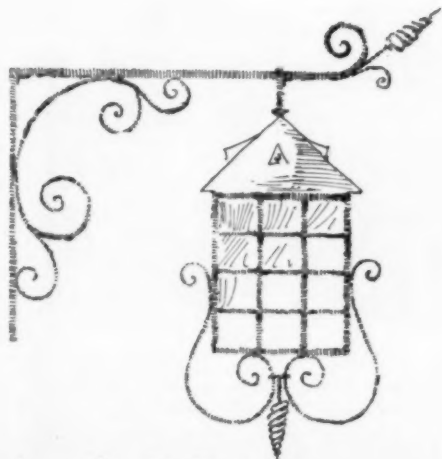
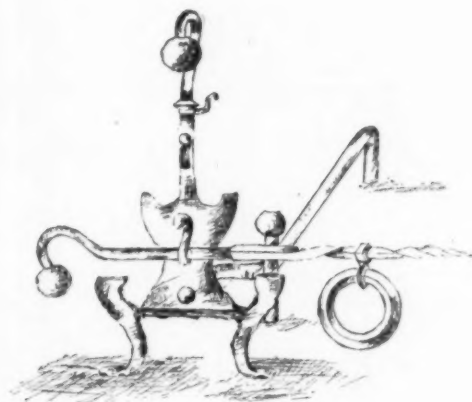
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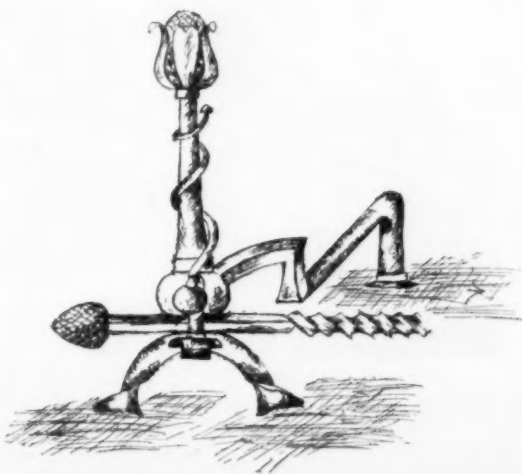
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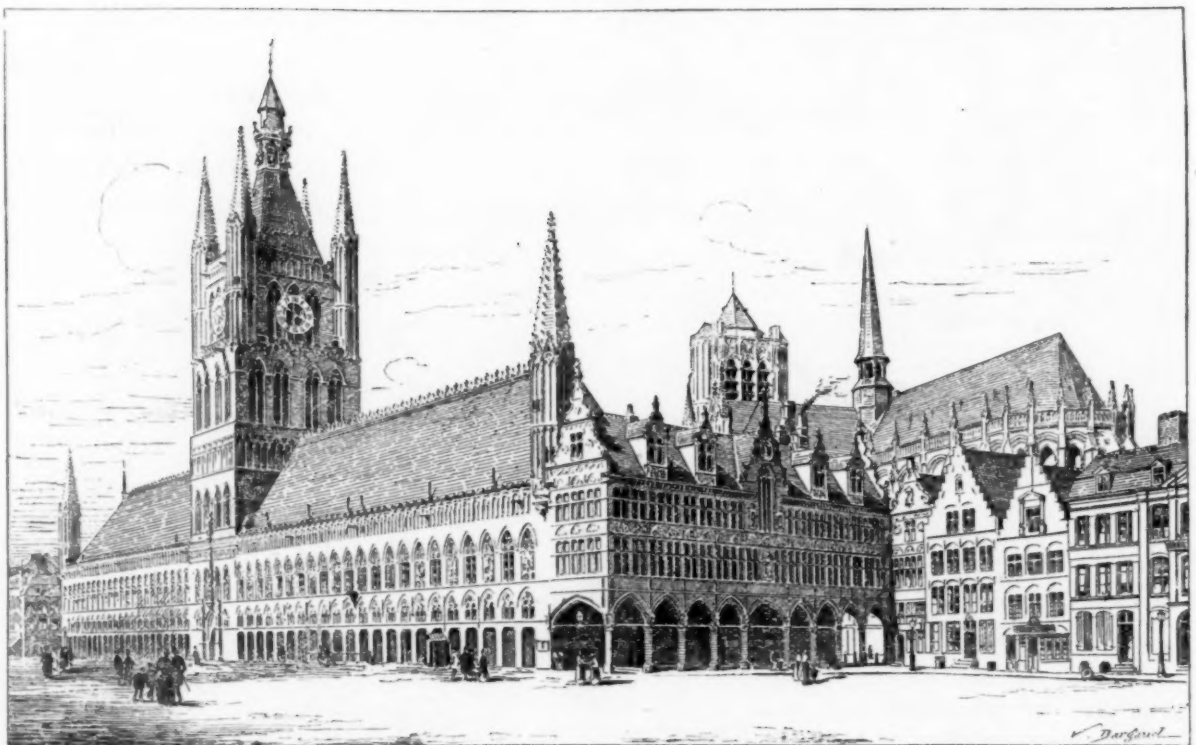
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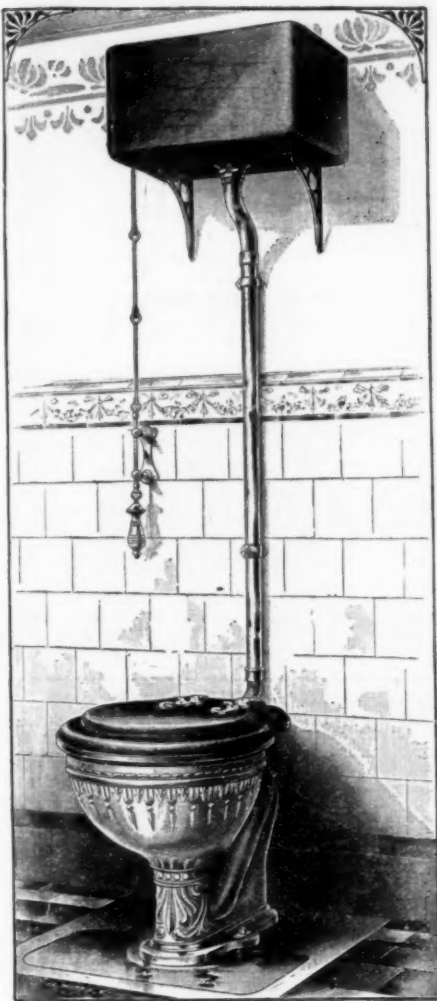


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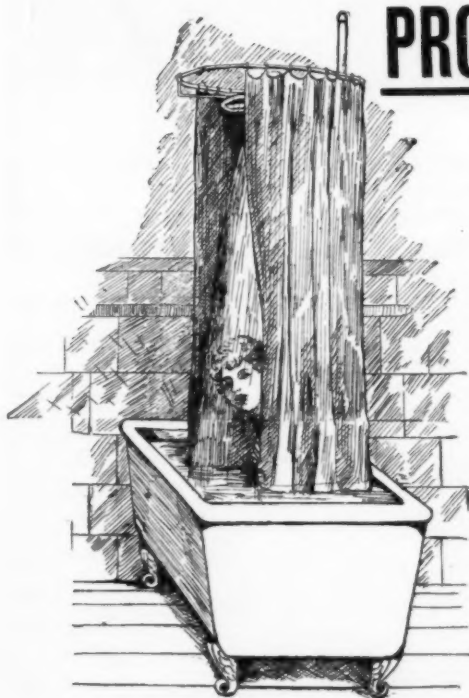
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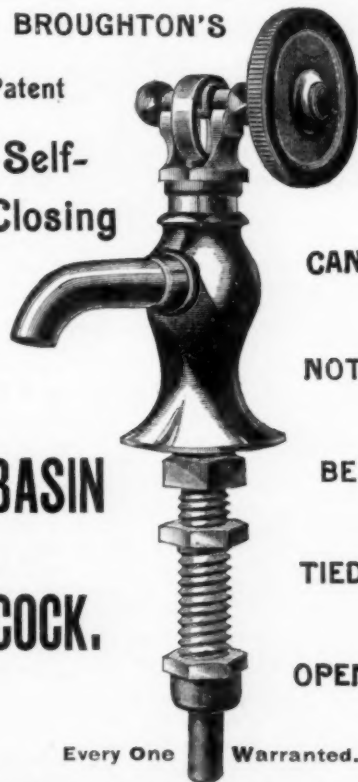
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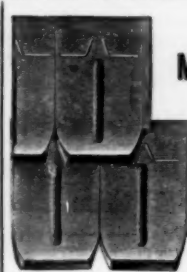
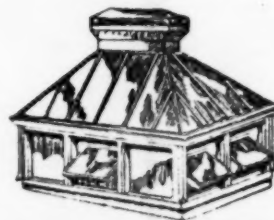
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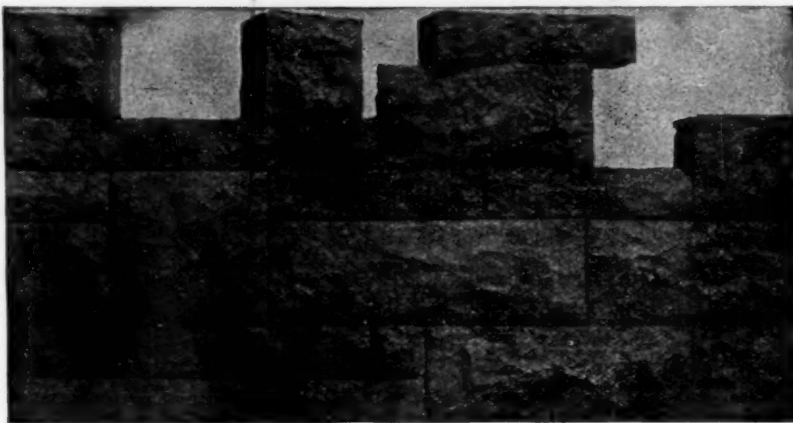
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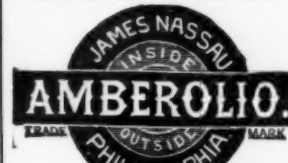
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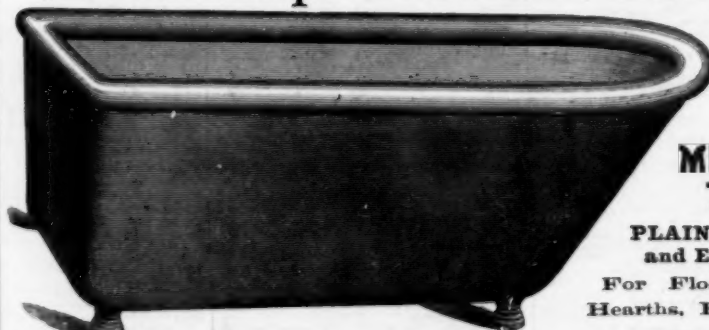
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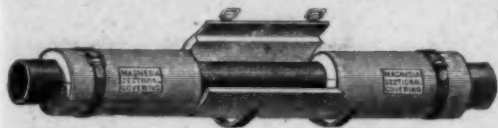
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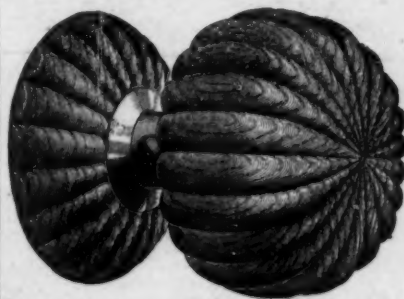
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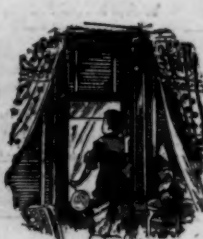
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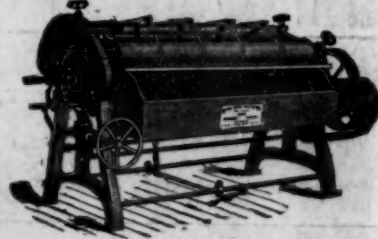
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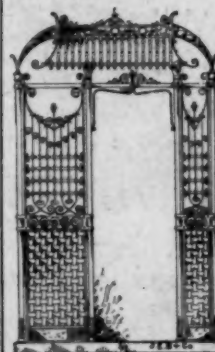
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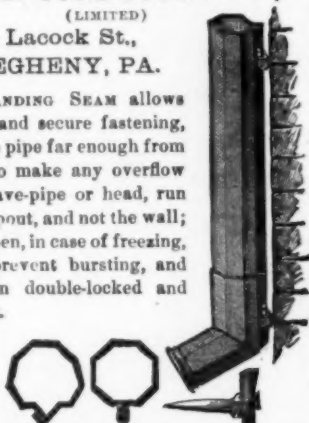
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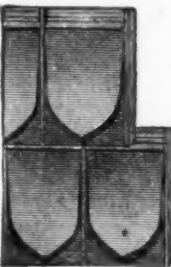
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Pine, 1st quality, clear.....

" 2d quality.....

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Spruce.....

Hemlock.....

Yellow pine.....

Cypress.....

Clapboards:

Pine.....

Spruce.....

Framing Timber:

Pine.....

Spruce.....

Hemlock.....

Yellow pine.....

Laths:

Pine.....

Spruce.....

Shingles:

Pine, shaved..... P. M.....

Pine, sawed.....

Spruce, sawed.....

Redwood..... P. 125.....

Cedar split..... P. M.....

Cedar sawed.....

Cypress, Split..... 7 x 24. "

Miscellaneous:

Piles..... P. ft.....

Fence pickets, Common.....

Cedar posts, 9 ft. (sq. posts.).....

Chestnut posts.....

Finishing Woods: P. M. (Kiln-dried.)

Ash.....

Cherry.....

Butternut.....

Hard-pine floors (rift).....

Mahogany, Baywood (Mexican).....

St. Domingo.....

Maple.....

Oak, red.....

" white.....

" quartered.....

Sycamore quartered.....

Pine, clear.....

Redwood.....

Rosewood..... P. lb.....

Spruce floors (clear, kiln-dried).....

Walnut, black.....

Whitewood.....

Yellow pine..... P. M.....

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(Wholesale Prices.)

Boston.

(Prices to Builders and Contractors.)

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65 00 @ 75 00	55 00 @ 70 00	42 00 @ 50 00	48 00 @ 55 00
55 00 @ 60 00	42 00 @ 50 00	27 00 @ 38 00	40 00 @ 45 00
18 00 @ 22 00	35 00 @ 40 00	14 00 @ 25 00	30 00 @ 35 00
@ 25 00	14 50 @ 25 00	Not sold.	18 00 @ 20 00
on 13 @ 14	13 00 @ 15 00	@ 12 00	11 25 @ 13 50
20 @ 40	25 00 @ 35 00	21 00 @ 34 00	14 00 @ 29 00
@	31 00 @ 40 00	18 00 @ 34 00	@ 35 00
Clapboards:			
Pine.....	38 00 @ 60 00	19 00 @ 24 00	14 00 @ 25 00
Spruce.....	23 00 @ 38 00	Not sold.	Not sold.
Framing Timber:			
Pine.....	14 00 @ 18 00	15 50 @ 18 00	12 00 @ 17 50
Spruce.....	12 00 @ 16 00	13 00 @ 15 00	Not sold.
Hemlock.....	18 00 @ 21 00	22 00 @ 35 00	10 00 @ 13 00
Yellow pine.....			24 00 @ 34 00
Laths:			@ 2 65
Pine.....	@	2 25 @ 2 50	2 75 @ 3 00
Spruce.....	2 25 @ 2 50	2 35 @ 3 00	2 30 @ 3 00
Shingles:			Not sold.
Pine, shaved..... P. M.....	5 00 @ 6 00	@	Not sold.
Pine, sawed.....	4 00 @ 5 00	@ 4 50	2 60 @ 3 15
Spruce, sawed.....	1 50 @ 2 00	1 50 @ 00	Not sold.
Redwood..... P. 125.....	1 40 @ 1 60	3 75 @ 4 00	6 00 @ 7 50
Cedar split..... P. M.....	@	@	Not sold.
Cedar sawed.....	@	2 00 @ 4 00	2 60 @ 2 75
Cypress, Split..... 7 x 24. "	18 00 @ 20 00	5 00 @ 6 00	3 50 @ 4 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 @ 22 00
Cedar posts, 9 ft. (sq. posts.).....	@	25 @ 50	9 @ 21
Chestnut posts.....	@	25 @ 50	Not sold.
Finishing Woods: P. M. (Kiln-dried.)			
Ash.....	@ 55 00	45 00 @ 60 00	14 00 @ 30 00
Cherry.....	80 00 @ 120 00	90 00 @ 120 00	35 00 @ 90 00
Butternut.....	40 00 @ 60 00	60 00 @ 70 00	17 00 @ 35 00
Hard-pine floors (rift).....	@ 180 00	45 00 @ 50 00	
Mahogany, Baywood (Mexican).....	@ 350 00	150 00 @ 160 00	110 00 @ 170 00
St. Domingo.....	45 00 @ 50 00	120 00 @ 350 00	200 00 @ 250 00
Maple.....	@ 70 00	45 00 @ 50 00	12 00 @ 20 00
Oak, red.....	@ 70 00	@ 50 00	17 00 @ 27 00
" white.....	@ 90 00	50 00 @ 55 00	16 00 @ 28 00
" quartered.....		65 00 @ 75 00	34 00 @ 40 00
Sycamore quartered.....		50 00 @ 65 00	25 00 @ 28 00
Pine, clear.....	65 00 @ 70 00	50 00 @ 75 00	33 00 @ 50 00
Redwood.....	60 00 @ 70 00	60 00 @ 70 00	40 00 @ 45 00
Rosewood..... P. lb.....	@ 6		per M. 600 80
Spruce floors (clear, kiln-dried).....		32 00 @ 35 00	
Walnut, black.....	125 00 @ 150 00	85 00 @ 120 00	40 00 @ 75 00
Whitewood.....	45 00 @ 50 00	40 00 @ 45 00	14 00 @ 30 00
Yellow pine..... P. M.....	@ 45 00	40 00 @ 42 00	31 00 @ 34 00

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	New York.	Boston.	Chicago.	Philadelphia.
BRICK.—P. M.				
Common: Cargo afloat.				In Yard.
Pale.....	2 50 @ 2 75	Eastern }	Building Brick	Sq. Hard @ 9 00
Jersey.....	5 00 @ 5 50	9 00 @ 10 00 }	@ 5 00	" " @ 7 00
Long Island.....	@			Salmon @ 5 00
Up River.....	5 00 @ 5 50			Sq. " @ 9 00
Haverstraw-Bay M.....	5 25 @ 5 50	Domestic Com.	Indiana Pressed	Light Stretchers
" 1st.....	5 50 @ 5 75	9 50 @ 10 00	14 00 @ 20 00	Medium " @ 10 00
Hollow.....	@ 13 00	Domestic Face	St. Louis Fronts	Red " @ 12 00
Fronts:		20 00 @ 22 00	@ 27 00	Dark " @ 13 00
Croton, Brown.....	@ 12 00	Philadelphia }		Pressed 18 00 @ 20 00
" dark.....	@ 13 00	40 00 @ 45 00 }		Best Paving @ 14 00
" red.....	@ 13 00	50 00 @ 55 00 }		Second " @ 13 00
Chicago pressed (Anderson).....			15 00 @ 27 00	Third " @ 12 00
" Moulded.....			65 00 @ 350 00	Dom. { @ 65
Baltimore.....	37 00 @ 41 00		@ 55 00	@ 87
Philadelphia.....	23 00 @ 24 00		45 00 @ 50 00	BS&Co 1 30 @ 1 50
Trenton.....	@ 19 00		45 00 @	2 85 @ 3 25
Milwaukee.....			25 00 @	2 85 @ 3 15
Moulded:			60 00 @ 100 00	2 75 @ 3 00
Glens Falls Red Pressed.....	@ 37 00		30 @	2 85 @ 3 15
" " Buff.....	@ 30 00		35 @	2 75 @ 2 85
" " Moulded Red & Buff	45 00 @ 70 00		55 00 @ 65 00	Hemmoor 2 50 @ 2 75
Enamelled: Imp.			@ 100 00	2 75 @ 2 85
Enamelled (edge).....	25 00 @ 100 00		@ 120 00	Josson 2 60 @ 2 75
Enamelled (edge and end).....	50 00 @ 115 00			3 00 @ 3 25
CEMENT, LIME, etc.—(P. cust.)				2 75 @ 2 85
Rosendale Cement.....	95 @ 1 10	1 15 @ 1 25	Not sold.	2 70 @ 3 00
Louisville.....	Not sold.	Brooks, S. & Co.	1 05 @ 1 15	Not sold.
Utica, Akron, Buffalo, Milw'kee.	Not sold.	2 40 @ 2 75	1 00 @ 1 10	Not sold.
Portland, English (Gibbs).....	2 25 @ 2 50	2 40 @ 2 75	3 00 @ 3 10	Not sold.
" " (K. B. & S.).....	2 50 @ 3 00	2 40 @ 2 75	3 00 @ 3 25	1 00 bulk, 75c.
" " Black Cross.....	2 25 @ 2 50	2 40 @ 2 75	3 00 @ 3 25	Not sold.
" " (Burnham).....	2 50 @ 2 50	2 40 @ 2 75	2 90 @ 3 15	Not sold.
" " (White's).....	2 65 @ 3 00	2 40 @ 2 75	3 00 @ 3 25	Not sold.
" " French (Lafarge).....	3 00 @ 3 75	@ 5 00	3 75 @ 4 25	Not sold.
" " German (Alsen).....	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	Not sold.
" " (Fever).....	2 25 @ 2 40		3 20 @ 3 40	Not sold.
" " (Vorwöhler).....	2 50 @ 2 90	Cleopatra	@	Not sold.
" " (Lagerhofer).....	2 60 @ 2 90	2 40 @ 2 75	2 75 @ 3 00	Not sold.
" " (Dyckerhoff).....	2 50 @ 3 00	3 00 @ 3 50	3 25 @ 3 50	Not sold.
" " (Stettin, Anchor).....	2 35 @ 2 85	Condor 2 50 @ 2 75	Not sold.	Not sold.
" " American (Saylor's).....	2 15 @ 2 25	Wedge 2 40 @ 2 75	2 60 @ 2 70	Not sold.
Roman.....	2 75 @ 3 00	2 15 @ 2 50	2 75 @ 3 25	Not sold.
Keene's coarse.....	4 50 @ 5 30	@ 3 50	3 00 @ 3 50	Not sold.
" superfine.....	5 00 @ 5 50	@ 6 00	6 00 @ 7 00	Not sold.
Lime:		7 00 @ 9 00	9 00 @ 10 50	Not sold.
Lime of Teil.....	3 50 @ 4 00			Not sold.
Hydraulic Lime.....	@ 1 45	@ 1 35		Not sold.
Chicago Lime in bulk.....		St. John 1 00	60 @ 70	Not sold.
Wisconsin Lime.....	@ 80	@ 1 05	60 @	Not sold.
Rockland and Rockport, (Com.).....	@ 95	@ 1 10	Not sold.	Not sold.
Rockland and Rockport, finish.....	@ 1 20	@ 1 10	Not sold.	Not sold.
Kelley Island Lime, finish.....	80 @ 85	Not sold.	1 00 bulk, 75c.	Not sold.
State, com. cargo rates (nom.).....	1 05 @ 1 10	Not sold.	Not sold.	Not sold.
Plaster of Paris (calcined).....	1 40 @ 1 50	1 85 @ 2 00	1 85 @ 1 90	Not sold.
" (casting).....	@ 1 60	@ 2 25	1 60 @ 1 90	Not sold.
Hair (Cattle) 1/2 bush.....	16 @ 18	25 @ 30	16 @ 20	Not sold.
" (Goat).....	18 @ 21	@ 30	30 @ 35	Not sold.
Sand, 1/2 load.....	1 00 @ 1 25	1 75 @ 1 90	@ 60	Not sold.
STONE. (1/2 cubic foot, rough.)		@ 60		Not sold.
Granite: (Maine)				Not sold.
Limestone:				Not sold.
Bedford.....	45 @ 1 25	95 @ 1 00	50 @	Not sold.
Joliet.....	1 00		35 @ 55	Not sold.
Lemont.....			35 @ 60	Not sold.
Serpentine.....			@ 1 00	Not sold.
		10 50 per ton		Not sold.

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Foundation:

Wholesale Prices.)

(Prices to Builders and Contractors.)

Dimension.....	@	5 00	ton.	20 @	@ 5 00
Block.....	@	4 60	perch.	1 45 @	2 50
Rubble.....	@	1 25 @	1 50	8 50 @	
Fluestone: (P sq. ft.)					
Sidewalk.....	30 @	5 00		75 @	1 00
Planed.....	50 @	6 00		50 @	1 00
Sandstone:					
Longmeadow.....	@	80		@	
Kibbe.....	@	90		@	
Brown (Connecticut).....	1 00 @			1 50	per cu. ft.
Amherst Ohio.....	90 @	95		45 @	50
Berea.....	75 @	1 00		45 @	55
Berlin.....	75 @	1 00		55 @	65
Belleville.....	80 @	1 25		1 25 @	
New Brunswick (Dorchester).....	@	1 00		@	
Caen.....	@	2 00		@	
Carlisle, English.....	@	1 05		@	
Corse Hill (Scotch).....	@	1 05		@	
Marble: (P cu. ft.)					
Lees, Mass.....	@		1 75 @	2 50	
Rutland, white and blue.....	@		@	3 00	
Sutherland Falls.....	1 25 @	1 75	@	2 00	
Glens Falls, black.....	@		@		
Italian, blue-veined.....	@		@	4 40	
" Sienna.....	@		@		
Tennessee, red.....	@		@	4 40	
" Knoxville.....	@		@	4 40	
Pennsylvania, blue.....	@		@		
Vermont, white.....	@		@	3 50 @	6 00
Slate: Roofing (P square).....					
" green.....	5 00 @	6 00	4 75 @	5 25	5 50 @
" unfading.....	5 00 @	6 00	5 50 @	6 50	6 50 @
" purple.....	5 00 @	6 00	5 50 @	6 50	6 50 @
" red.....	5 00 @	6 00	10 00 @	11 00	
" black, Lehigh.....	4 25 @	4 75	@		
" Chapman.....	@		@		
" Unfading black, Monson, Me.....	5 50 @	8 00	5 50 @	8 00	
Tiles, Am.....	@		@		
N. Peach Bottom, warranted unfading.....	@		@		
PAINTS. (In Oil P lb.)					
White lead, Am.....	7 @	7 1/2	6 1/2 @	7	7 1/2 @
" zinc.....	5 @	8	5 @	10 1/2	7 1/2 @
Red lead, Am.....	6 1/2 @	7	6 1/2 @	7	7 1/2 @
" Venetian.....	6 @	10 1/2	7 @	12	6 @
" Vermillion.....	65 @	70	70 @	5 dry	65 @
" Indian, Eng.....	12 @	20	7 @	12	3 @
Yellow Ochre.....	12 @	15	18 @	25	15 @
" Chrome.....	8 @	13	8 @	20	8 @
Green (chrome).....	25 @	40	25 @	40	18 @
Green, Paris.....	15 @	25	15 @	25	8 @
Black, lamp.....	12 @	18	18 @	30	12 @
Blue, ultramarine.....	55 @	62	51 @	62	57 @
Oil, linseed, (raw).....	58 @	65	54 @	65	60 @
" bottled.....	36 @	37	@	35	40 @
Turpentine.....	@		1 50 @	6 00	1 25 @
Varnish, coach.....	@		2 50 @	3 00	2 25 @
Shellac.....	@		@	4	2 @
Putty.....	75 @	1 00	1 @	1 1/2	1 @
Whiting.....	1 30 @	2 00	2 @	3	1 1/2 @
Paris white, (Eng.).....	5 1/2 @	6	6 @	7	4 @
Litharge, Am.....	14 @	20	14 @	20	2 @
Sienna (burnt).....	14 @	20	14 @	20	
Umber.....					
HARDWARE.					
Nails: (Per Cask.) Spikes, (wrought).....	@	2 85	@		2 35 @
10d. common.....	@	2 60	@	2 20	@ 1 95
Shingle.....	@	3 35	@	2 65	@ 2 35
Lath.....	@	4 85	@	3 20	@ 3 25
(Finishing nails according to size).....	@		@		Add .85 to \$2.25
(For casing nails add 75 c. per keg.).....	@		@		..50 to .90
Butts: 4" x 4"..... (P doz. pairs).....					
Plain.....	@	1 00	@	1 20	@ 90
Japanned.....	@	1 50	@	1 75	Not Sold.
Acorn, Japanned.....	@	1 50	@	1 90	2 00 @
Ball Tip, Boston Finish..... (P pair).....	@	65	@	50	Not Sold.
Bronze metal.....	@	1 90	plain	1 65	2 00 @
Brass (for cupboards).....	@	10	@	10	@ 12
Ebony.....	@		@		@
Apple wood.....	@		@		@
Knobs: (P set).....					
Mineral, best.....	@	8	@	8	8 @
Lava.....	Not Sold.		@	75	65 @
Hemacite.....	@	30	17 @	33	31 @
Porcelain.....	Not Sold.		@	10	25 @
Glass, solid.....	Not Sold.		@	50	Not Sold.
Glass, silvered.....	Not Sold.		88 @	1 00	@ 1 50
Bronze metal.....	75 @	2 00	50 @	3 00	50 @
Brass.....	1 00 @	2 50	50 @	3 00	1 00 @
Solder:					
Sheet Lead.....	@		@	7 1/2	14 @
Lead Pipe.....	@		@	6 1/2	5 1/2 @
Iron:					
I-Beams, up to and including 30 ft.....	3 3-10 @	3 1/2	@	3 4-10	@ 2 8-10
do. over 30 ft., 1 c. adv. for every 5 ft.....	3 3-10 @	3 1/2	@	3 4-10	@ 2 8-10
Channel Beams.....	3 3-10 @	3 1/2	@	3 4-10	@ 2 8-10

FLUCTUATIONS.

New York, N. Y. — Common bricks have declined about fifty cents per thousand; with this exception prices remain at about last quotations. The demand is moderate, for building operations are not brisk.

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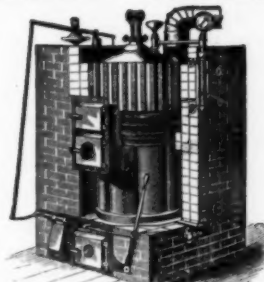
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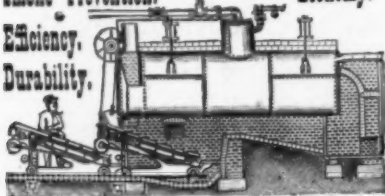
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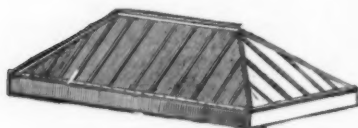
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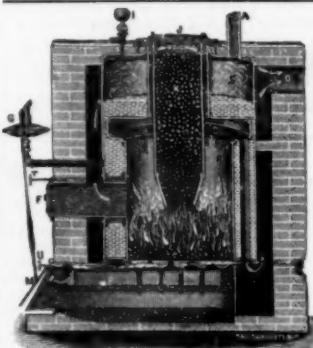
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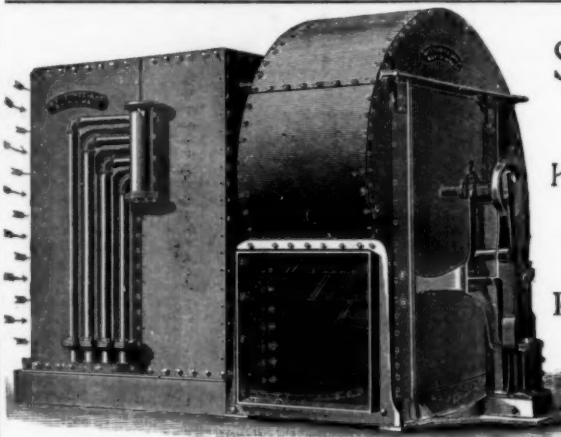
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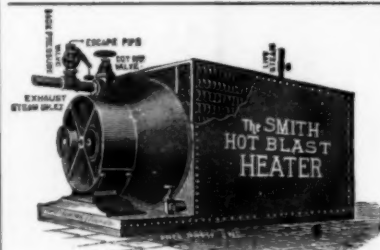
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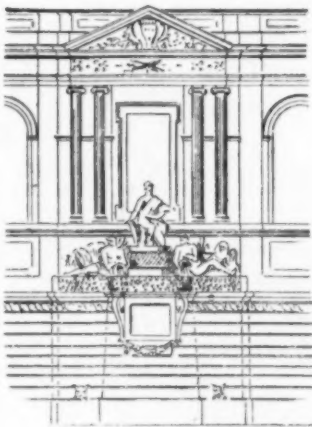
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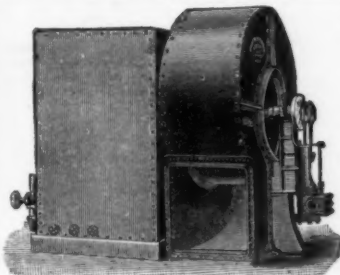
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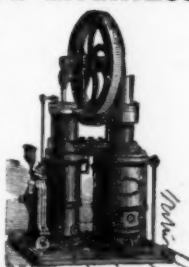
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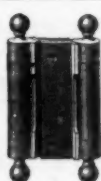
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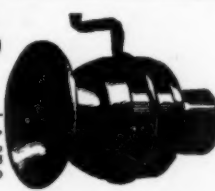
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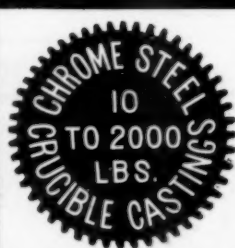
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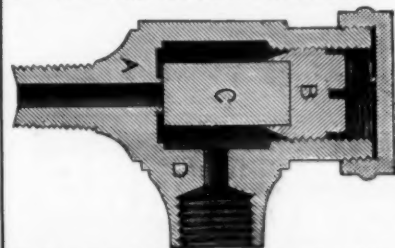
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[Continued on page xiii.]

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The physician does not prescribe "calomel, or something equally as good," leaving it to the discretion of the druggist what to give, but similar latitudes are often met with in the Architect's specifications of varnish; and this is one of the many causes for poorly finished interiors.

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BUILDING INTELLIGENCE.

(Houses Continued.)

New York Ave., w s, 25' n Park Pl., 2 three-sty brick dwells., cement and gravel roofs; cost, \$12,000 each; owners, Britton Bros., Front St., near Adams St.; architect, M. J. Morrill, 357 Fulton St.

Fifty-first St., s s, 100' e Fourth Ave., 2 two-sty brick dwells., tin roofs; cost, \$4,000 each; owner, S. T. Sherwood, 277 Forty-seventh St.; architect, H. L. Spicer, Third Ave. and Fifty-third St.

Fifth St., s s, 107' 10 1/2' w Eighth Ave., four-sty brick dwell., tin roof; cost, \$5,000; owner and architect, Robert L. Frith, Arbuckle Building.

Hart St., n s, 125' w Lewis Ave., two-sty brick dwell., tin roof; cost, \$5,000; owner, J. Simson, 695 Kosciuszko St.; architect, F. Holmberg, 1169 Broadway; builder, H. Schlachter.

Sunnyside Ave., s s, 50' w Miller St., two-sty frame dwell., tin roof; cost, \$3,900; owner, W. R. Hooper, on premises.

Bergen St., s s, 51' w Attica Ave., 5 two-sty frame dwells., tin roofs; cost, \$1,500 each; owner, architect and builder, O. P. Skelton, 206 Sixth Ave.

Camden, N. J.—Broadway and Lennon St., two-sty brick dwell.; owner, C. S. Hill.

Chambers Ave., 9th Ward, 10 three-sty brick dwells.; owner, Geo. Holl.

Pearl and Eighth Sts., 12 two-sty brick dwells.; owners, D. L. Moore & Co.

Chicago, Ill.—R. E. Kimbark, two-sty dwell., 7532 Emerald Ave.; cost, \$3,500.

Emilie Mueller, two-sty dwell., 19 Arlington Pl.; cost, \$3,000.

Frank Dunham, two-sty dwell., Bonn Ave. and Seventy-seventh St.; cost, \$4,000.

J. L. Cochran, two-sty dwell., 2439 Lakewood Ave.; cost, \$4,000.

F. Prehan, two-sty dwell. and barn, 25-35 Seminary Ave.; cost, \$6,000.

J. L. Cochran, two-sty dwell., 2475 Lakewood Ave.; cost, \$4,000.

J. L. Cochran, two-sty dwell., 2481 Lakewood Ave.; cost, \$4,000.

C. Young, two-sty dwell., Pleasant Ave. and Ninety-third St.; cost, \$4,000.

Cincinnati, O.—D. S. Caulius, two-sty frame dwell., e s Bigelow Ave.; cost, \$2,750; architect, A. W. Davis.

Jas. Cahill, two-sty frame dwell., n s Celestial Ave.; cost, \$2,300; architect, Martin Fisher.

Aug. Henkel, two-and-one-half-sty brick and stone dwell., n s Molitor St.; cost, \$3,165; architects, Reig & Marty.

Chris. Shrens, two-and-one-half-sty brick and stone dwell., s e Vine St.; cost, \$4,000; architects, Reig & Marty.

K. Vandenberg, two-and-one-half-sty brick and stone dwell., s w Bremen St.; cost, \$3,000; architect, G. Brink.

New York, N. Y.—Amsterdam Ave., n w cor. One Hundred and Eighty-third St., 4 three-sty stone and frame dwells., peak, shingle and tin roofs; cost, \$16,000; owner, Alice Eaton, 9 East Forty-second St.; architect, S. P. B. Trowbridge, 7 East Forty-sixth St.

One Hundred and Sixty-eighth St., n s, 60' w Brooke Ave., three-sty brick and frame dwell., tin roof; cost, \$4,500; owners, Herbert A. Shipman, 100 East Seventeenth St., and L. W. Kayser, Brook Ave. and One Hundred and Seventieth St.; architect, Louis W. Kayser, Brook Ave. and One Hundred and Seventieth St.

One Hundred and Fifty-fifth St., n s, 150' w Amsterdam Ave., three-sty brick and frame dwell., tin roof; cost, \$5,000; owners, Frangott & Wiegand, 715 Courtland Ave.; architect, Edward Stiehler, 551 East One Hundred and Fifty-fourth St.

Roger Pl., e s, 300' n Westchester Ave., three-sty brick and frame dwell., tin roof; cost, \$4,000; owner, Joseph Poldon, 627 East One Hundred and Fifty-first St.; architect, A. F. A. Schmitt, 604 Courtland St.

Forest Ave., e s, 90' s One Hundred and Sixty-fifth St., 3 three-sty brick and frame dwells., tin roofs; cost, \$13,500; owner, John W. Decker, 841 Forest Ave.; architect, M. J. Garvin, 3311 Third Ave.

Scott Ave., n s, 100' e Webster Ave., three-sty stone and frame dwell., mansard tin and slate roof; cost, \$5,000; owner, Francis J. Gallaher, 333 Willis Ave.; architect, William Guggolz, 2305 Bathgate Ave.

Crane Pl., s e cor. Grey St., two-and-one-half-sty stone and frame dwell., peak shingle roof; cost, \$7,000; owner, Mary Renn, 1779 Topping St.; architect, Charles S. Clark, 719 East One Hundred and Seventy-seventh St.

One Hundred and Sixtieth St., n s, 100' e Morris Ave., two-sty brick and frame dwell., tin roof; cost, \$5,000; owner, Michael Donnelly, 846 Morris Ave.; architects, Neville & Bagge, 217 West One Hundred and Twenty-fifth St.

Southern Boulevard, s w cor. Webster Ave., three-sty brick and frame dwell., tin roof; cost, \$4,500; owner, George H. Cannon, Fordham; architect, Elsworth Burger, Fordham.

One Hundred and Forty-ninth St., n s, 350' w Amsterdam Ave., 3 three-sty brick dwells., tin roofs; cost, \$36,000; owner, John Young, Westchester Co., N. Y.; architect, A. B. Ogden, 1031 Madison Ave.

Van Corlear Pl., 329' n Kingsbridge Ave., three-sty brick and frame dwell., peak, shingle roof; cost, \$3,475; owner, Charles Moche, 608 East Eighty-fourth St.; architect, Samuel L. Berrian, Kingsbridge.

BUILDING INTELLIGENCE.

(Houses Continued.)

Brook Ave., No. 78, e and w s, 112 1/2' to 220' n One Hundred and Sixty-eighth St., 17 three-sty brick and frame dwells., tin roofs; cost, \$90,500; owners, Shipman & Keyser, One Hundred and Sixty-eighth St.; architect, Louis W. Kayser, One Hundred and Sixty-eighth St. and Brook Ave.

Southern Boulevard, n w cor. Briggs Ave., three-sty brick and frame dwell., tin roof; cost, \$5,000; owner, Adela Dowe, Bedford Park, N. Y.; architect, E. K. Bourne, 18 Broadway.

Marion St., w s, 100' n John St., 2 three-sty stone and frame dwells., peak, shingle roofs; cost, \$7,000; owner, Sarah A. Lisk, 2625 Marion Ave.; architect, Thomas C. Lisk, 2625 Marion Ave.

Brook Ave., e and w s, 75' 11 1/2' n One Hundred and Sixty-eighth St., 6 three-sty brick and frame dwells., tin roofs; cost, \$27,000; owners, Shipman & Kayser, One Hundred and Sixty-eighth St. and Brook Ave.; architect, Louis W. Kayser, One Hundred and Sixty-eighth St. and Brook Ave.

West End Ave., w s, 80' s Ninety-first St., four-sty brick dwell., mansard slate and tin roof; cost, \$20,000; owner, Fourth Presbyterian Church, Thirty-fourth St., near Broadway; architects, Jardine, Kent & Jardine, 1262 Broadway.

Union St., n s, 125' e Ogden Ave., three-sty brick and frame dwell., tin roof; cost, \$3,500; owner, John Brown, One Hundred and Forty-sixth St., bet. Boulevard and Hudson River; architect, B. W. Warner, 132 Broadway.

Ninety-first St., n s, 200' e Amsterdam Ave., 4 three-sty brick dwells., tin roofs; cost, \$15,000; owner, Jas. Brown, 164 West Ninety-second St.; architect, G. F. Pelham, 1481 Broadway.

One Hundred and First St., s s, bet. Lexington and Fourth Aves., 26 three-sty brick dwells., tin roofs; cost, \$250,000; owner, James Duffy, 1600 Lexington Ave.; architect, Andrew Spence, 163 East One Hundred and Twenty-fifth St.

One Hundred and Forty-second St., n s, 550' e Willis Ave., 2 three-sty brick dwells., tin roofs; cost, \$14,500; owner, Terruccio Piccirilli, 756 East Forty-second St.; architect, Walter H. C. Hornum, 181 East One Hundred and Twenty-first St.

Seventy-seventh St., s s, 100' e Amsterdam Ave., 5 three-and-one-half-sty brick dwells., tin roofs; cost, \$90,000; owner, James Brown, 164 West Ninety-second St.; architect, G. F. Pelham, 1481 Broadway.

Providence, R. I.—Three-sty frame dwell., n w cor. Wickenden and Hope Sts.; cost, \$4,700; owner, Daniel Gorman; builder, Thos. W. Barry.

Two-and-one-half-sty frame dwell., n w cor. Beacon Ave. and Pearl St.; cost, \$3,100; owner, Patrick Devlin; builder, Charles Bros.

Two-and-one-half-sty frame dwell., s e cor. Broad and Baker Sts.; cost, \$5,500; owner, Fred. A. Patt; builders, Hopkins & Sweet.

Two-and-one-half-sty frame dwell., w s Newton St.; cost, \$3,000; owner, Dennis Sullivan; builders, McGrath Bros.

One-sty frame dwell., n w cor. Plain and Ashmont Sts.; cost, \$3,500; owner, Peoples Evangelical Church.

Two-and-one-half-sty frame dwell., n s Hyatt St.; cost, \$3,400; owner, Thos. Burth; builder, T. Y. Murphy.

Two-and-one-half-sty frame dwell., w s Academy Ave.; cost, \$3,500; owners, Wm. B. Hazard and wife; builder, Vere W. Beck.

Two-and-one-half-sty frame dwell., n s Washington Ave., bet. Virginia and Maryland Aves.; cost, \$3,500; owner, Fred A. Stevens.

Sharon, Mercer Co., N. J.—Dwell., for C. M. Rice; builders, A. Wishart & Son.

Somerville, Mass.—Hawthorn St., near West St., frame dwell., 25' x 42', with stable; owner, D. E. Carr; builder, J. McLennan.

Grant St., frame dwell., 23' x 43'; owner and builder, A. D. Rice.

Charwood Road, near Willow Ave., frame dwell., 18' x 28'; owner, J. Browning; architect, C. E. Rice.

Jay St., near Howard St., frame dwell., 26' x 45'; owner and builder, S. L. Cummings.

Ellington Road, near Highland Ave., frame dwell., 24' x 28'; owner and builder, T. C. Connor.

Ellington Road, near Highland Ave., double frame dwell., 24' x 36'; owner and builder, T. C. Connor.

School St., near Madison St., frame dwell., 35' x 40'; owner, A. R. Barker; builder, James M. Andrews; architects, J. F. & G. F. Smith.

Pearl St., No. 169, frame dwell., 26' x 48'; owner, Frank W. Lovering; builder, James M. Andrews.

Somerville Ave., frame dwell., 22' x 42'; owner, John J. Quinlan; builder, Thomas Riley.

Ellington Road, near Highland Ave., frame dwell., 24' x 38'; owner and builder, T. C. Connor.

Porter St., frame dwell., 23 1/2' x 44'; owner and builder, W. L. Glidden.

Bartlett St., two frame dwells., 25' x 30'; owners and builders, S. & C. H. Williams.

St. Louis, Mo.—Three-sty dwell., w s Marine Ave., bet. Winnebago and Chippawa Aves.; cost, \$8,000; owner, F. Schlosser; contractors, Thake, Geors & Co.

Two-sty dwell., s s McPherson St., bet. Kings Highway and Lake Ave.; cost, \$8,500; owner, C. C. Gardiner; contractor, D. G. Hughs.

Two-sty dwell., s s West Belle Pl., bet. Whittier and Pendleton Aves.; cost, \$11,000; owner, I. C. Thears; contractor, D. G. Hughs.

Two-sty dwell., s s Berlin Ave., bet. Euclid St.

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(Houses Continued.)

and Kings Highway; cost, \$6,000; owner, G. Murphy;
contractor, D. G. Hughes.Two-sty dwell., s s Shenandoah St., bet. Compton
and Louisiana Aves.; cost, \$4,000; owner, Albert
Beaum; contractors, Thomson & Merz.Two-sty dwell., s s Westminster Pl., bet. Vande-
venter and Warren Aves.; cost, \$3,500; owner,
Thos. Flannery; contractor, W. Slavin.Two-sty dwell., s s Pine St., bet. Boyle and Sarah
Sts.; cost, \$6,000; owner, Abraham Cook; contrac-
tors, Steele & Casey.Two-sty dwell., s s Lucky St., bet. Marcus and
Wagoner Aves.; cost, \$6,000; owners, Warheide
Realty Co.; contractors, Cook & Casey.Two-sty dwell., s s Cote Brilliant, bet. Marcus
and Wagoner Aves.; cost, \$4,000; owner, Warheide
Realty Co.; contractors, Cook & Casey.Two-sty dwell., s s Garfield St., bet. Marcus and
Wagoner Aves.; cost, \$4,000; owner, Warheide
Realty Co.; contractors, Cook & Casey.Two-sty dwell., s s North Market St., bet. Marcus
and Wagoner Aves.; cost, \$4,000; owner, Warheide
Realty Co.; contractors, Cook & Casey.Two-sty dwell., n s Garfield St., bet. Marcus and
Wagoner Aves.; cost, \$4,000; owner, Warheide
Realty Co.; contractors, Cook & Casey.Two-sty dwell., n s Garfield St., bet. Marcus and
Wagoner Aves.; cost, \$4,000; owners and contrac-
tors, Cook & Casey.Six two-sty dwells., s e cor. Stoddard and Elliott
Aves.; cost, \$14,000; owner, Daniel Johnston; con-
tractors, Mathias & Schuler.Two-sty dwell., s s Washington St., bet. Taylor
and Newstead Aves.; cost, \$13,450; owner, C. E.
Lewis; contractors, R. W. Morrison & Co.Two-sty dwell., s s Morgan St., bet. Sarah and
Whittier Sts.; cost, \$8,500; owner, Mrs. S. A.
Thayer; contractors, Newton & Evans.Two-sty brick dwell., e s Grand St., bet. Lucky
and Cass Aves.; cost, \$4,000; owner, L. A. Fricke;
contractors, Scott & Quigly.Two-sty dwell., McCausland and Gloes Aves.;
cost, \$4,500; owner, Mr. A. Kruger; contractor, Mr.
Davens.Three two-and-one-half-sty dwells., s s Park St.,
bet. Louisiana and Theresa Sts.; cost, \$9,000; owner,
Anni Galli; contractor, Aug. Tanner.Two-sty dwell., s s Chateau Ave., bet. Sarah and
Boyle Aves.; cost, \$4,500; owner, Wm. S. Dresda;
contractor, Fred Stiel.Two-sty dwell., w s Broadway, bet. Gasconade
and Osgo Sts.; cost, \$4,500; owner, W. Freese; con-
tractor, Mr. Briger.Three-sty dwell., n s Blaine St., bet. Thurman
and Klemm Sts.; cost, \$6,000; owner, B. W. Clarke;
contractor, Mr. Hoover.Two-sty dwell., w s Goodfellow Ave., near Maple
Ave.; cost, \$5,000; owner, J. A. Gardiner; contrac-
tors, A. J. Price & Co.West Anglenwood, N. J. — Plans for two-and-one-
half-sty frame dwell.; for A. E. Nickerson; archi-
tect, J. E. Terhune, Hackensack, Bergen Co., N. J.Worcester, Mass. — Downing St., two-sty frame
dwell.; owner and contractor, E. K. Cook.Canterberry St., three-sty frame dwell.; owner,
E. McCaffrey; contractor, J. A. McDermott.Scott St., three-sty frame dwell.; owner, J. Gleason;
contractor, Norbert Fortier.Institute Road, two-sty frame dwell.; owner, F. S.
Thayer; contractor, C. A. Vaughn.Channing St., two-sty frame dwell.; owner, Geo.
H. Scott; day work; architects, Barker & Nourse.Southgate St., three-sty frame dwell.; owner,
John Tierney; contractor, Wm. Power; architect,
A. J. Harrington.Vernon St., three-sty frame dwell.; owner, B.
McDonagh; contractor, Wm. Power.Wabash St., two-sty frame dwell.; owner, H. R.
Sanders; contractor, Wm. Power.**Iron-Work.****JACKSON ARCHITECTURAL IRON WORKS,**

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for Cramps; builder, Allen B. Rorke.**SCHOOL-HOUSES.**Chicago, Ill. — City of Chicago, three-sty school-
house, 345-347 Division St.; cost, \$50,000.Philadelphia, Pa. — Federal St., n e cor. Twenty-
third St., 2 two-sty brick school-houses; builder,
M. McManus, 1416 Tioga St.**STABLES.**Baltimore, Md. — J. H. Thiemeyer & Co. will build
two-sty brick stable, s w cor. Dallas and Dock Sts.Boston, Mass. — Western Ave., rear, near opp. Ev-
erett St., Ward 25, frame stable, pitch roof, 30' x
41'; owner, City of Boston; builder, D. M. O'Con-
nell.Brooklyn, N. Y. — North Third St., n s, 57' 6" w
Bedford Ave., two-sty brick stable, tar and gravel
roof; cost, \$4,500; owners, Shepherd & Montenes,
131 North Third St.; architect, H. W. Billard, Jef-
ferson Building.Douglas St., n s, 175' e Bond St., two-sty brick
stable, felt and gravel roof; cost, \$3,000; owner,
John H. O'Rourke, 40 Court St.; architect, John
Mumford, 189 Montague St.Chicago, Ill. — Kummerow Bros., livery barn, 534-
536 West Chicago Ave.; cost, \$3,000.Christian Kimmernan, livery stable and flats,
695-697 Lincoln Ave.; cost, \$9,000.Camden, N. J. — Arch St., w Front St., two-sty
stable; owner, A. Anderson.Cherry St., w s, above Sixth St., two-sty brick
stable; owner, Chas. Sayres.Becket and Line Sts., two-sty brick stable; owner,
James S. White.Cincinnati, O. — E. E. Miller, two-sty brick and
stone barn, s w Reading Road; cost, \$5,000; archi-
tect, George Anderson.Oxford, Chester Co., Pa. — Barn; owner, Theodore
C. Smith.Philadelphia, Pa. — Ludlow St., No. 4401, one-sty
brick stable; owner, Thomas Garr, 4408 Market St.Hutchinson St., No. 1455, two-sty brick stable;
builder, David A. Hampton, 1923 Parrish St.Cadwalader St., s w cor. Oxford St., two-sty
brick stable; owners, Kelger & Grete, Germantown
Ave. and Oxford St.School Lane, s s, w township line, two-sty brick
stable; builders, B. Ketcham & Sons, 1029 Brown
St.Queen St., n s, w Thirty-fifth St., one-sty brick
stable; owner, Michael Tolley, Sunnyside Ave. and
Thirty-fifth St.New St., e s, n Harrison St., one-sty brick stable;
builders, Stephens & Stubbs, 5028 Dittman St.Fifteenth St., e s, n Huntingdon St., three car sta-
bles; for the Philadelphia Traction Company;
builders, Samuel Hart & Son.Marshall St., e s, n Indiana Ave., three-sty brick
stable; builders, John Mitchell & Son, 807 West
Lehigh Ave.Thirty-sixth St., e s, s Market St., one-sty brick
stable; owner, A. I. Sander, 3615 Warren St.

McClellan Ave., w s, n Montgomery St., two-sty

BUILDING INTELLIGENCE.

(Stables Continued.)

brick stable; builder, Geo. Matchell, 1768 Frankford
Ave.Providence, R. I. — Douglass Ave., one-and-one-
half-sty frame stable; owner, W. O. Blanding; ar-
chitects, Martin & Hall; builder, A. McDonald.South Seaville, Cape May Co., N. J. — Stable;
owner, J. F. Bonham.St. Louis, Mo. — One-and-one-half-sty stable, West
Cahenne St. and Hamilton Ave.; cost, \$4,000; owner,
C. E. Barney; contractor, Chas. Johnson.Two-sty private stable, n s Pine St., bet. Taylor
and Euclid Aves.; cost, \$10,000; owner, John V.
Hogan; contractor, John Low.Worcester, Mass. — Lyford St., one-and-one-half-
sty frame stable; owner and contractor, F. J. Goff.Merrifield St., one-and-one-half-sty frame stable;
owner, Miss Mary A. Philbin; contractors, Yates &
Delaney.North Ave., one-and-one-half-sty frame stable;
owner, A. B. Hall; architects, Fuller & Delano;
day work.Mayfield St., one-and-one-half-sty frame stable;
owner, Chas. Rollig; day work.Wabash Ave., one-and-one-half-sty frame stable;
owner, H. R. Sanders; contractor, Wm. Power.**STORES.**Boston, Mass. — Washington St., Nos. 350-365, cor.
Market and Essex Sts., Ward 25, two-sty frame
store, flat roof, 22' x 50'; owner, Frederick Wil-
liams; builder, D. E. Woodbury.Federal St., Nos. 310-318, Ward 12, six-sty brick
and stone store, flat roof, 62' 11" x 80'; owner and
builder, J. Feldman.Brooklyn, N. Y. — De Kalb Ave., s w cor. Hamburg
Ave., 2 four-sty frame stores and dwells., tin roof;
cost, \$14,500; owner and architect, Theo. Fleisch-
mann, 59 Bushwick Ave.Broadway, s w cor. Myrtle Ave., five-sty brick
store, tin roof; cost, \$45,000; owner, The Vigilus
Estate, 8 Stuyvesant; architect, P. J. Lauritzen, 18
East Twenty-third St., New York City; builders, L.
A. Burke & Co., Fourth Ave. and Twenty-second
St., New York City.Atlantic Ave., n s, 120' e Adelphi St., four-sty
brick store and dwell., tin roof; cost, \$5,400; owner,
L. Slaven, on premises; builder, M. P. Gaven, 1067
Pacific St.Kosciusko St., n e cor. Sumner Ave., three-sty
brick store and dwell., tin roof; cost, \$6,000; owner
and builder, D. S. Beasley, 187 Van Buren St.; ar-
chitect, A. L. Beasley, 763 Monroe St.Irving Ave., e s, 25' s Stockholm St., 3 three-sty
frame stores and dwells., tin roofs; cost, \$4,200
each; owner and builder, Geo. Gess, 159 Stanhope
St.; architects, Funk & Nagel, 200 Knickerbocker
Ave.Eleventh St., n e cor. Eighth Ave., four-sty brick
store and dwell., tin roof; cost, \$15,000; owner,
Wm. Brown, 374 Seventh St.; architect, W. M.
Costa, 194 Montague St.Myrtle Ave., s s, 67' w Stockholm St., three-sty
frame store and dwell., tin roof; cost, \$4,000; owner,
Henry E. Bergmann, 67 Stockholm St.; architect,
Henry Vollweiler, 483 Hart St.

Utica Ave., w s, 20' s Bergen St., 2 two-sty frame

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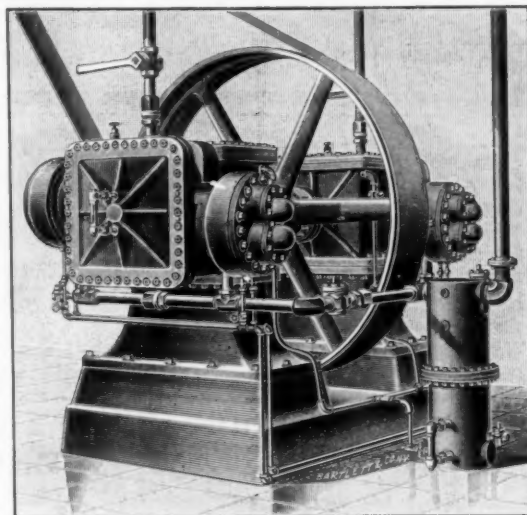
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Stores Continued.)

stores and dwell., tin roofs; cost, \$1,500 each; owner, architect and builder, C. P. Skelton, 296 Sixth Ave.

Bergen St., s w cor. Utica Ave., three-st'y frame store and dwell., tin roof; cost, \$3,000; owner, architect and builder, C. P. Skelton, 296 Sixth Ave.

Fourth Ave., s e cor. Fitty-fourth St., 2 three-st'y brick stores and dwell., tin roofs; total cost, \$12,000; owner, P. F. Emmet, 1006 Third Ave.

Seigel St., s s, 75' w Ewen St., five-st'y brick store and office, tin roof; cost, \$8,000; owners, Kassell, Rosenberg & Feinberg, Seigel and Elm Sts.; architect, Hugo Smith, 10 Moore St.

Leonard St., n e cor. Seigel St., six-st'y brick store, office and shop, tin roof; cost, \$15,000; owner, M. Dewbosky, 173 East Broadway, New York City; architect, Hugo Smith, 10 Moore St.

Third Ave., s w cor. Thirty-ninth St., three-st'y brick store and dwell., tile roof; cost, \$14,000; owner, Eighth Ward Bank, Third Ave. and Forty-ninth St.; architect, W. H. Beers, Tribune Building, New York City.

Fulton St., s w cor. Elton St., three-st'y frame store and dwell., tin roof; cost, \$4,500; owner, R. E. Rice, Atlantic and Van Siclen Aves.; architect, Wm. Danmar.

Chicago, Ill.—B. Johnson, two-st'y store and dwell., West Twelfth St., near Forty-first St.; cost, \$3,000.

J. Frantz, three-st'y store and dwell., 1074 Trumbull Ave.; cost, \$5,000.

P. J. McDonagh, three-st'y store and flats, 5138 Commercial Ave.; cost, \$4,500.

John Bring, three-st'y store and dwell., 5476 Halsted St.; cost, \$6,000.

William Frank, two-st'y store and flats, 138 Forty-eighth St.; cost, \$3,500.

Caspar Human, three-st'y store and flats, 50 Maud Ave.; cost, \$10,000.

John Eichwichtenberg, three-st'y store and flats, 489 Hastings St.; cost, \$5,000.

BUILDING INTELLIGENCE.

MISCELLANEOUS.

Bala Station, near Philadelphia, Pa. — Four-st'y limestone and sandstone building; for the Presbyterian Home for Aged Couples; builders, Geo. F. Payne & Co., 401 South Juniper St.; architects, Wilson Bros., Drexel Building.

Thirtieth St., w s, s Locust St., brick boiler shop; builder, A. A. Campbell, 2012 Poplar St.

Third St., e s, n Lehigh Ave., three-st'y brick boiler and engine-house; builder, George Stuart, 2536 North Sixth St.

Plans for nine-st'y brick, stone and terra-cotta building; for the Bourse; architects, G. W. & W. D. Hewitt, Bullitt Building.

Ninth St., e s, s Spruce St., two-st'y brick boiler-house; builder, John Atkinson, 1327 Buttonwood St.

Leopard St., w s, n Girard Ave., two-st'y brick machine shop; builder, William G. Hizer, 1230 Marlborough St.

Brooklyn, N. Y. — Pearl St., e s, 78' 6" n Nassau St., two-st'y brick fire engine-house, tin roof; cost, \$10,000; owner, Dept. City Works, Room 15, Municipal Building; architects, The Engineer Dept., Room 33, Municipal Building; builders, Leonard Bros., 735 Bergen St.

Ewen St., n w cor. Seigel St., five-st'y brick lodge building, tin roof; cost, \$12,000; owners, Barosh & Fieldberg, 182 Varot St.; architect, Hugo Smith, 10 Moore St.

Ocean Grove, N. J. — Auditorium; for Ocean Grove Association; architect, W. H. Carmen.

PROPOSALS.

Treasury Department, Office Supervising Architect, Washington, D. C., May 29, 1893. Sealed proposals will be received at this office until 2 o'clock P. M. on the 27th day of June, 1893, and opened immediately thereafter, for all the labor and materials, and fixing

PROPOSALS.

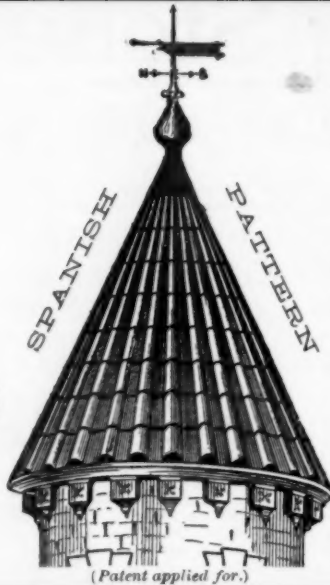
in place complete, a heating and ventilating apparatus in the following-named public buildings: Ashland, Wis.; Atchison, Kansas; Beatrice, Neb.; Danville, Ill.; Fremont, Neb.; Lansing, Mich.; La Fayette, Ind.; and San Jose, Cal., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at each building. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any and all bids, and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes, sealed, and marked "Proposal for the Heating and Ventilating Apparatus for the United States Post-office building at Ashland, Wis.," or otherwise, as the case may be, and addressed to JEREMIAH O'ROURKE, Supervising Architect. 912

Treasury Department, Office Supervising Architect, Washington, D. C., May 29, 1893. Sealed proposals will be received at this office until 2 o'clock P. M. on the 21st day of June, 1893, and opened immediately thereafter, for all the labor and materials required for iron-furring, lathing and plastering the United States Post-office, Court-house, etc., building at Troy, N. Y., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Troy, N. Y. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids, and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All bids received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for Iron-furring, Lathing and Plastering the United States Post-office, Court-house, etc., building at Troy, N. Y.," and addressed to JEREMIAH O'ROURKE, Supervising Architect. 911

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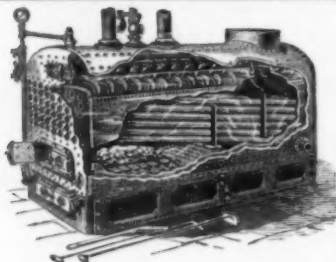
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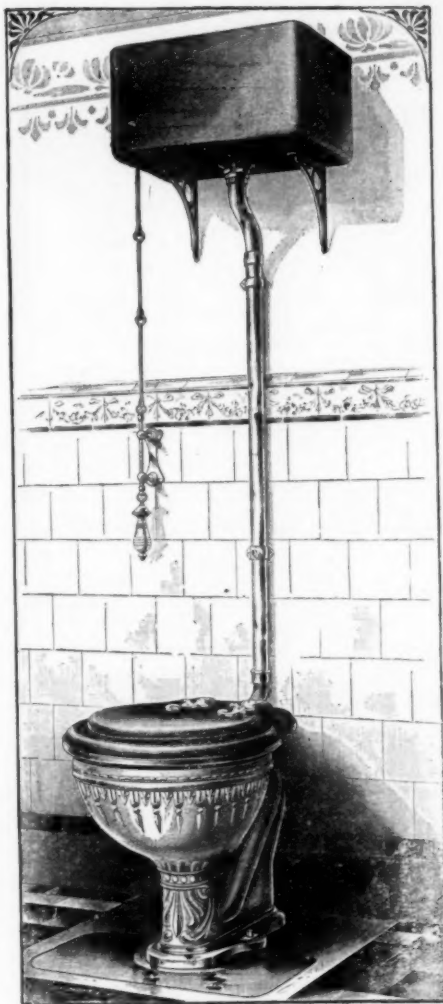
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THE "PERFECTO" SEAT.

(Patent applied for.)
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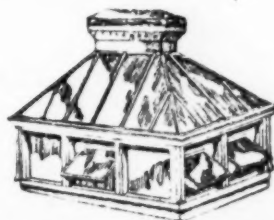
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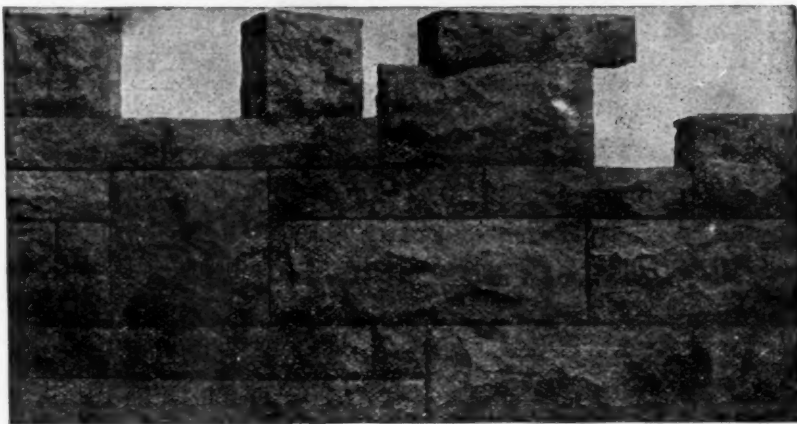
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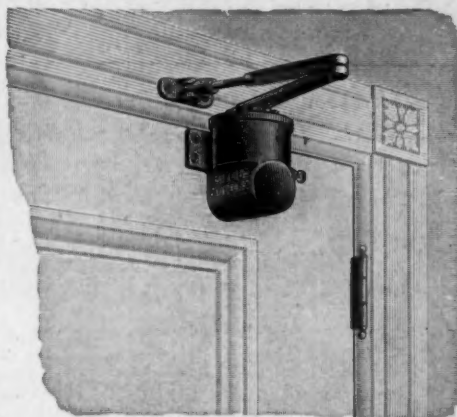
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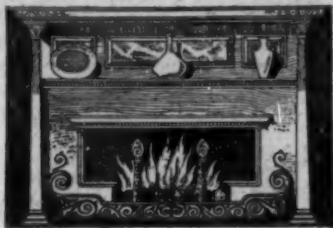
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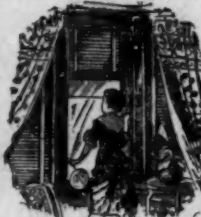
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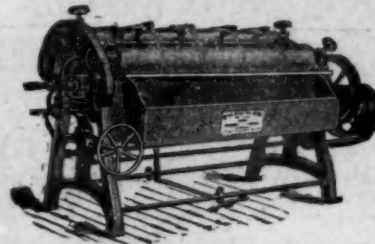
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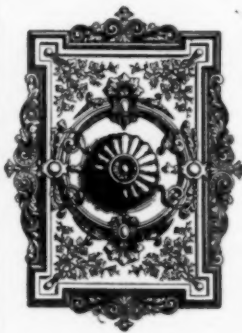
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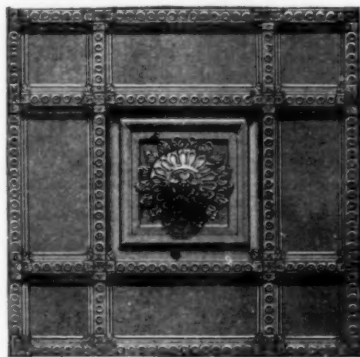
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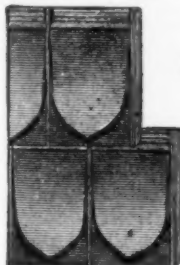
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45 00 @ 50 00	45 00 @ 50 00	17 00 @ 27 00	42 50 @ 55 00
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@ 70 00	65 00 @ 75 00	34 00 @ 40 00	60 00 @ 75 00
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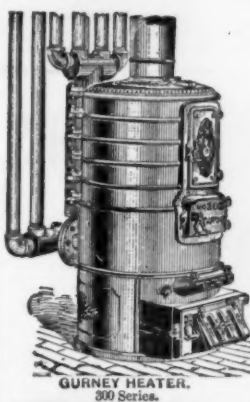
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Sidewalk.....	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 25
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Tennessee, red.....	@	@	@ 4 40	4 00 @ 6 00
" Knoxville.....	@	@	@ 4 40	3 00 @ 4 00
Pennsylvania, blue.....	@	@	Not Sold.	2 00 @ 3 00
Vermont, white.....	@	@	3 50 @ 6 00	2 25 @ 3 00
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" green.....	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" unfading.....	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple.....	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red.....	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	1 50 @ 10 25
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N. Peach Bottom, warranted unfading.	@	@	@	6 00 @ 6 75
PAINTS. (In Oil P lb.)				
White lead, Am.....	7 @ 7 1/2	6 1/2 @ 7	7 @ 7 1/2	@ 7 1/2
" zinc.....	5 @ 8 1/2	@ 8	5 @ 10 1/2	@ 7 1/2
Red lead, Am.....	6 1/2 @ 7	6 1/2 @ 7	6 1/2 @ 7	@ 7 1/2
" Venetian.....	6 @ 10 1/2	7 @ 12	1 1/2 @ 2 1/2	@ 7
" Vermillion.....	65 @ 70	70 @ 5 dry	65 @ 68	@ 7 1/2
" Indian, Eng.....	12 @ 20	12 @ 20	12 @ 20	@ 7
Yellow Ochre.....	6 @ 15	7 @ 12	3 @ 15	@ 1 1/2
" Chrome.....	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome).....	8 @ 13	8 @ 20	8 @ 20	@ 21
Green, Paris.....	25 @ 40	25 @ 40	18 @ 35	@ 20
Black, lamp.....	15 @ 25	15 @ 25	8 @ 30	@ 12
Blue, ultramarine.....	12 @ 18	18 @ 30	12 @ 35	@ 24
Oil, linseed, (raw).....	55 @ 62	51 @ 52	57 @ 60	@ 20
" boiled.....	55 @ 65	54 @ 55	60 @ 63	@ 63
Turpentine.....	36 @ 37	@ 34	40 @ 42	@ 44
Varnish, coach.....	@	1 50 @ 6 00	1 25 @ 2 00	125 @ 3 00
Shellac.....	@	2 50 @ 3 00	2 25 @ 4 00	150 @ 5 00
Putty.....	2 @ 4	2 @ 4	2 @ 4	@ 2 1/2
Whiting.....	75 @ 1 00	1 @ 1 1/2	1 @ 1 1/2	@ 1
Paris white, (Eng.).....	1 30 @ 2 00	2 @ 3	1 1/2 @ 2	@ 2
Litharge, Am.....	5 1/2 @ 6	6 1/2 @ 7	6 1/2 @ 7	@ 7 1/2
Sienna (burnt).....	14 @ 20	14 @ 20	4 @ 16	@ 14
Umber.....	14 @ 20	14 @ 20	2 @ 10	@ 13
HARDWARE.				
Nails: (Per Cask.) Spikes, (wrought).....	@ 2 85	@	2 35 @ 3 50	per keg @ 2 25
10d. common.....	@ 2 00	@ 2 20	@ 1 85	@ 2 30
Shingle.....	@ 3 35	@ 2 65	@ 2 35	@ 2 60
Lath.....	@ 4 85	@ 3 20	@ 3 25	3 60 @ 4 75
(Finishing nails according to size.).....	@	@	Add .25 to \$2.25	per lb @ 6
(For casing nails add 75 c. per keg.).....	@	@	".50 to .90	2 90 (all kinds.)
Butts: 4" x 4"..... (P doz. pairs).....				
Plain.....	@ 1 00	@ 1 20	@ 90	@ 90
Japanned.....	@ 1 50	@ 1 75	Not Sold.	1 35 @ 2 00
Acorn, Japanned.....	@ 1 50	@ 1 90	2 00 @ 3 75	1 35 @ 2 75
Ball Tip, Boston Finish..... (P pair).....	@ 65	@ 50	Not Sold.	48 @ 50
Bronze metal.....	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Brass (for cupboards).....	@ 10	@ 10	@ 12	@ 1 00
Ebony.....	@	@	@	@ 35
Apple wood.....	@	@	@	37 @ 1 00
Knobs: (P set).....				
Mineral, best.....	@ 8	@ 8	8 @ 10	@ 08
Lava.....	@ 50	@ 75	65 @ 80	Not Sold.
Hemacite.....	Not Sold.	17 @ 33	31 @ 40	25 @ 50
Porcelain.....	@ 30	@ 10	25 @ 30	@ 25
Glass, solid.....	Not Sold.	@ 50	Not Sold.	1 00 @ 2 50
Glass, silvered.....	Not Sold.	88 @ 1 00	@ 1 50	1 75 @ 2 00
Bronze metal.....	75 @ 2 00	50 @ 3 00	80 @ 3 00	50 @ 3 50
Brass.....	1 00 @ 2 50	50 @ 3 00	1 00 @ 3 00	75 @ 1 25
Solder:				
Sheet Lead.....	@	@ 7 1/2	14 @ 16	15 @ 16
Lead Pipe.....	@	@ 6 1/2	5 1/2 @ 7	@ 6 1/2
Iron:				
I-Beams, up to and including 30 ft.....	3 3-10 @ 3 1/2	@ 3 4-10	@ 2 75	@ 2 8-10
do. over 30 ft., 1/2 c. adv. for every 5 ft.	3 3-10 @ 3 1/2	@ 3 4-10	2 50 @ 2 75	@ 2 8-10
Channel Beams.....	3 3-10 @ 3 1/2	@ 3 4-10	50 @ 2 75	@ 2 8-10



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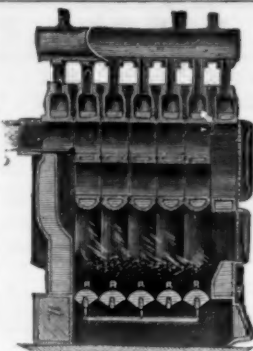
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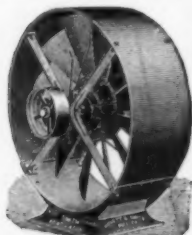
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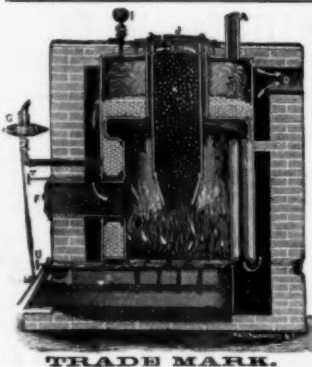
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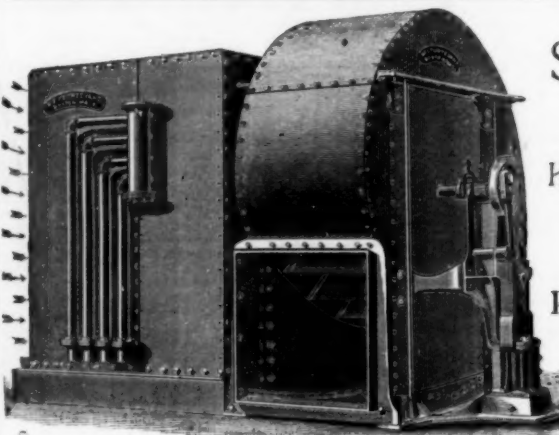
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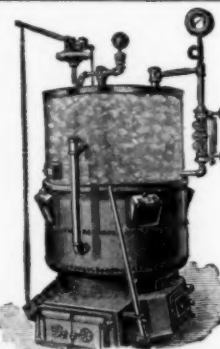
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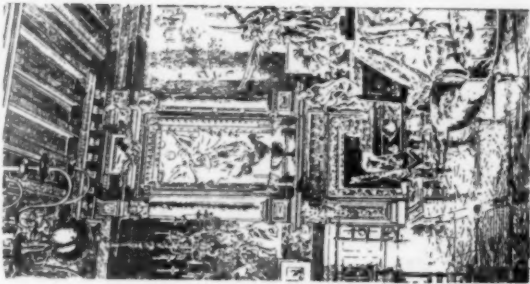
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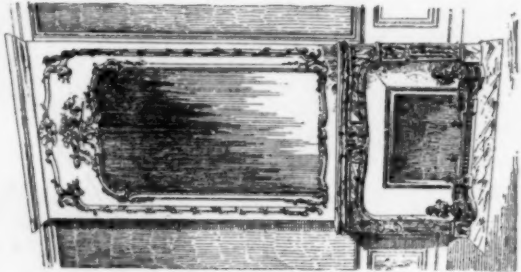
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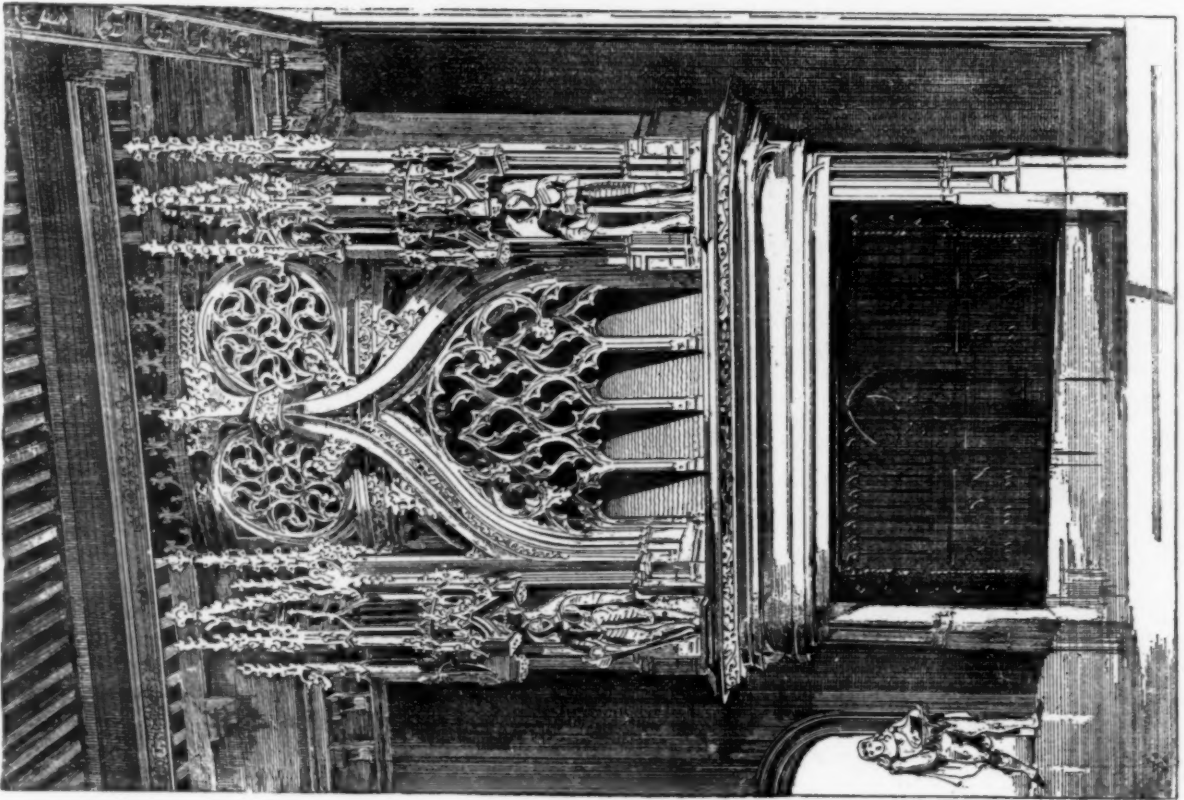
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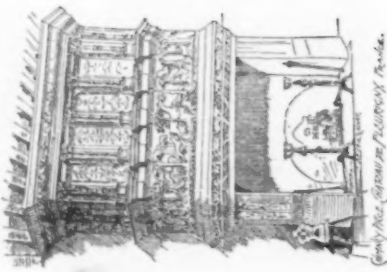
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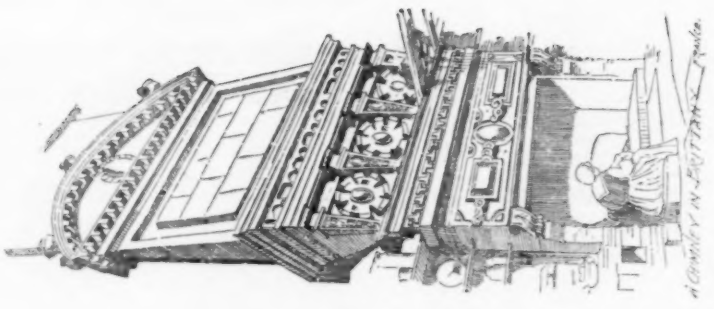
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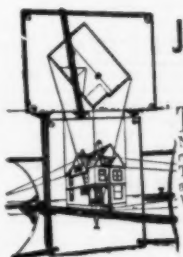
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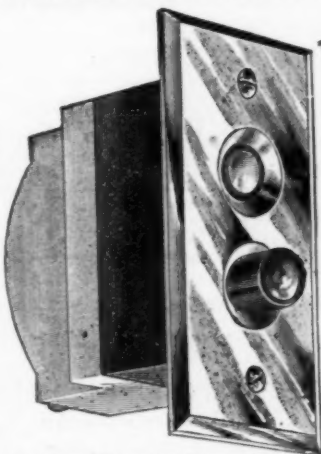
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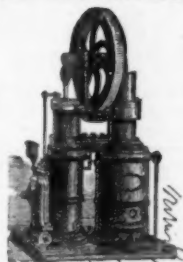
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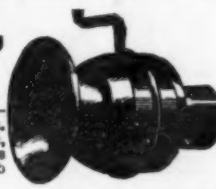
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Everybody can understand that it would be an abuse of quartered oak to build it into a freight car or a farm wagon—not a much more serious abuse of it, however, than to build it into a stairway and cover it with some vile smear, miscalled varnish, that discolors it and hides all its most delicate beauties.

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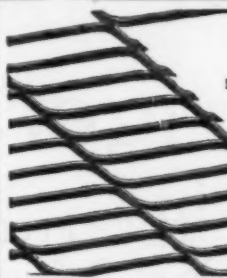
Let the specifications then be clear and explicit and particularly when specifying varnish, which is occasionally passed too briefly by for the responsible part it has to play in the drama of Architecture.

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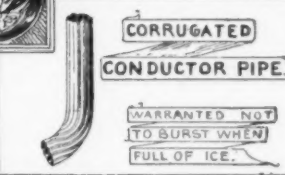
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Oakland St., near River St., Ward 24, frame dwell., 18' x 42'; owner, F. J. Taber; builder, P. O'Hearn.

Spring Park Ave., near Centre St., Ward 23, frame dwell., 27' x 52'; owner, Peter Johnson.

Edwin St., near Dorchester Ave., Ward 24, frame dwell., 24' x 45.11'; owner, Mrs. J. J. Sullivan; builder, C. S. Cornwall.

Brookside Ave., near Cornwall St., Ward 23, 2 three-st'y frame dwell., flat roofs, 24' x 44'; owner and builder, M. M. Favor.

Maverick St., Nos. 178-194, Ward 2, four frame dwell., 20' x 31'; owner and builder, G. W. Hargrave.

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Greenwich St., Nos. 64-68, Ward 24, 2 three-st'y frame dwell., flat roofs, 24' x 45'; owner, James Farren; builder, M. McBride.

Morton St., near Blue Hill Ave., Ward 24, frame

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(Houses Continued.)

dwell., 28' x 43'; owner, Joseph Arnis; builder, H. J. Rice.

H St., near Boylston St., Ward 23, frame dwell., 28' x 50'; owner, W. P. Blanchard; builder, J. J. Flynn.

Vernon Ave., near Corey St., Ward 23, frame dwell., 30' x 36'; owner, Margaret C. Pratt; builder, W. S. Mitchell.

Folsom St., near Mt. Hope St., Ward 23, frame dwell., 21' x 36'; owners, Caleb Langell & Son; builder, C. S. McKenzie.

Holborn St., near Blue Hill Ave., Ward 21, frame dwell., 25' x 41'; owner, W. M. Brommett; builders, Morrison & Packley.

Shawmut Park, No. 8, Ward 24, frame dwell., hip roof, 33' x 35'; owner, G. A. Coffin; builder, A. M. Johnson.

Leeds St., near Dorchester Ave., Ward 24, frame dwell., flat roof, 24' x 42'; owner, Edward Kelley; builder, D. Campbell.

Waldorf St., near Ashmont St., Ward 24, frame dwell., 25.6' x 36'; owner, Rowena T. Burt; builder, E. N. Burt.

Norfolk St., near Wentworth St., frame dwell., hip roof, 29' x 36.6'; owner, G. A. Richards; builder, W. B. Willis.

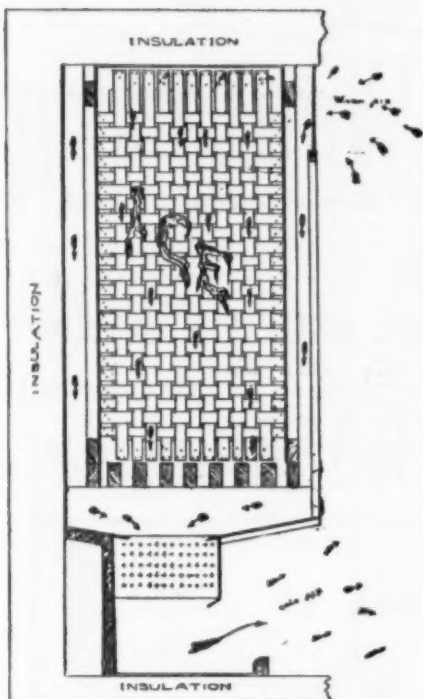
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owner, C. Ficken, Twelfth St. and Third Ave.; architect, W. H. Wirth, 358 Seventeenth St.; builder, N. Nelson, 347 Twentieth St.

Camden, N. J.—*Chestnut St.*, s s, above Sixth St., 2 two-st'y brick dwell.; owner, Gifford Stubbs.

Carpenter St., w s, above Ninth St., 2 two-st'y brick dwell.; owner, John Mullins.

Berkeley St., Nos. 441-443, rear, two-st'y brick dwell.; owner, William Severn.

Liberty St., Nos. 415-417, two frame dwell.; owner, H. C. Wolf, 2920 North Third St., Philadelphia, Pa.

Stevens St., s s, w Broadway, 4 three-st'y brick dwell.; owner, George Holl.

Chicago, Ill.—James Considine, two-st'y dwell., Considine and Weber Sts.; cost, \$3,100.

H. H. Parks, two-st'y dwell., 2046 Monroe Ave.; cost, \$3,300.

Frank Natt, two-st'y dwell., 1136 Melrose St.; cost, \$3,200.

F. E. Bronson, two-st'y dwell., 2362 Paulina St.; cost, \$3,500.

H. G. Wright, two-st'y dwell., Chase and Grand Aves.; cost, \$3,500.

Wheeler & Goldsmith, 2 three-st'y dwells., 5110-5112 Madison Ave.; cost, \$40,000.

George Merchant, two-st'y dwell., 7801 Sherman St.; cost, \$3,000.

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Collingswood, N. J.—*Washington Ave.*, parsonage for the Baptist Church congregation.

Dorchester, Mass.—*Monadnock St.*, frame dwell., 40' x 50'; Old Colonial style; doctor's office and waiting-room on first floor; finished in hard woods, oak first story; owner, Mrs. Harriet R. Eldridge; builder, J. D. Bowers; architect, J. Merrill Brown, Boston.

Hackensack, N. J.—Frame cottage for R. M. Goodhardt; architect, J. E. Terhune.

Harrisburg, Pa.—*Nineteenth St.*, five dwell.; builder, S. M. Fry.

Lansdowne, Pa.—Brick cottage for John T. Greany; architect, Robert K. Marple, 708 Walnut St., Philadelphia, Pa.

May's Landing, N. J.—Eight cottages for the Industrial Land Co.; builder, Ewing.

Merchantville, N. J.—Dwell. for Warren Webster. *Walnut Ave. and Cove Road*, dwell.; owner, Wm. H. Griffith.

Monmouth Beach, N. J.—Frame dwell.; owner, M. M. Sternberger; architect, W. B. Bigelow, 52 Broadway, New York.

New York, N. Y.—*Morris Ave.*, n e cor. One Hundred and Eighty-first St., three-st'y stone and frame dwell., tin roof; cost, \$6,000; owner, L. Lutz, Morris Ave. and One Hundred and Eighty-fourth St.; architect, O. Reisman, 5 Second Ave.

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frame dwell., flat roof, 22' x 30'; owner, Patrick Sullivan; builder, W. Dowd.

Boylston Ave., near Chemical Ave., Ward 23, three-st'y frame dwell., flat roof, 21' x 40'; owner, S. B. Thompson; builder, D. McDonald.

Brooklyn, N. Y.—*Central Pl.*, w s, 246' 11 1/2" n Grove St., two-st'y frame dwell., shingle roof; cost, \$3,500; owner, Wm. G. Krick, 1287 Broadway; architect, J. Hutton, 26 Berkeley Pl.

Watkins St., e s, 200' s Sutter Ave., 2 three-st'y frame dwells., tin roofs; total cost, \$14,000; owner, A. Max, Osborne St., near Sutter Ave.; architect, L. Dananacher, 31 Watkins St.

Atlantic Ave., s s, 280' e Rochester Ave., three-st'y frame dwell., tin roof; cost, \$3,000; owner and builder, Jas. O'Halloran, Watkins St. and Dumont Ave.; architect, Chas. M. Thompson, 2135 Dean St.

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in which field we recognize a demand for as high-class Engineering as we have been accustomed to give to the construction of Steam Power Plants. This department is distinct in its organization, with headquarters at our Boston Office, 620 Atlantic Avenue, under the immediate management of Mr. Church, with Frederick E. Murphy in executive authority as Engineer in charge. After an investigation covering a period of two years, and conducted in the interests of our own proposed investment, we have acquired control, by Exclusive License, of the Compressor and Condenser patented by Messrs. Hodges and Havenstrite, of Boston. Staking our reputation as judges of successful machinery, we offer them as the most mechanical, adaptable and economical apparatus for the purpose, thus far placed on the market.

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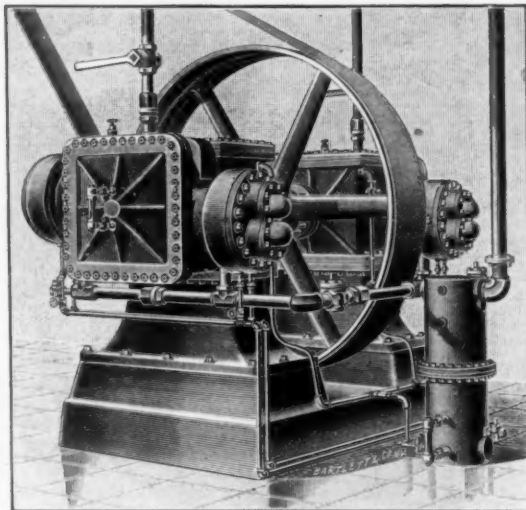
Correspondence regarding any application of Artificial Cold will be to the mutual advantage of our customers and ourselves.

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BUILDING INTELLIGENCE.

(Houses Continued.)

and Morris Aves., three-st'y brick and frame dwell., tin roof; cost, \$3,500; owner, Mrs. J. B. Bland, 532 West One Hundred and Sixty-third St.; architect, A. Spence, 183 East One Hundred and Twenty-fifth St.

Eagle Ave., e s, 312' n Westchester Ave., three-st'y brick and frame dwell., tin roof; cost, \$4,800; owner, Thomas McEvoy, 125 West One Hundredth St.; architect, H. B. Van Buechoten, 531 West One Hundred and Fifty-second St.

Topping St., w s, 60' n One Hundred and Seventy-fourth St., three-st'y brick and frame dwell., peak shingle roof; cost, \$4,000; owner, G. W. Romer, Topping St., near One Hundred and Seventy-fifth St.; architect, J. J. Vreeland, 711 East One Hundred and Seventy-seventh St.

Franklin Ave., e s, 349' n One Hundred and Sixty-seventh St., three-st'y stone and frame dwell., peak shingle roof; cost, \$7,000; owner, Lena Muller, 766 One Hundred and Sixty-sixth St.; architect, Michael J. Garvin, 3311 Third Ave.

Norristown, Pa. — Haus Ave., dwell.; owner, Geo. S. Heany.

Overbrook, Pa. — Three-st'y stone dwell., slate roof; architects, Bailey & Truscott, 136 South Fourth St., Philadelphia, Pa.

Worcester, Mass. — Agricultural St., one-and-one-half-st'y frame dwell.; owner, Geo. E. Hunt; day work.

Windsor St., two-st'y frame dwell.; owner, H. Hobbs; contractor, H. B. Fender.

Cedar St., two-st'y frame and brick dwell.; owner, W. H. Burns; contractor, H. W. Eddy; architects, Fuller & Delano.

Highland St., two-st'y frame dwell.; owner, Mrs. Laura A. Jones; contractor, J. W. Jones.

Bullard Ave., three-st'y frame dwell.; owner, Mrs. Caroline Hill; contractor, C. A. Stone.

Alpine St., three-st'y frame dwell.; owner, E. Riedburg; contractor, P. Casey.

Vernon St., three-st'y frame dwell.; owner, M.

BUILDING INTELLIGENCE.

(Houses Continued.)

Fallon; architect, A. J. Harrington; contractor, P. Casey.

John St., two-st'y frame dwell.; owner and contractor, J. P. Taber.

Westminster St., two-st'y frame dwell.; owner, M. O. Blackmer; architects, Geo. H. Clemence & Co.; day work.

Gilman St., two-st'y frame dwell.; owner and contractor, G. Anderson.

Rates St., 2 two-st'y frame dwell.; owner and contractor, F. M. Cross; architects, Geo. & J. P. Kingston.

Lewis St., three-st'y frame dwell.; owner, P. Curley; contractor, P. T. Hogan.

Westminster St., two-st'y frame dwell.; owner, C. H. Bliss; contractor, W. H. Griffin; architects, Barker & Nourse.

Reeves St., two-and-one-half-st'y frame dwell.; owner, A. Wennerstrom; contractors, Nilson & Silven.

Milbury St., three-st'y frame dwell.; owner, D. Hart; contractors, Yates & Delaney.

Milbury St., three-st'y frame dwell.; owner, J. Doherty; contractors, Yates & Delaney.

PROPOSALS.

Treasury Department, Office Supervising Architect, Washington, D. C., June 6, 1893. Sealed proposals will be received at this office until 2 o'clock p. m. on the 29th day of June, 1893, and opened immediately thereafter, for all the labor and materials required for the plumbing and gas-piping for the United States Post-office building at Ashland, Wis., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Ashland, Wis. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids,

PROPOSALS.

and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All bids received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes, sealed, and marked "Proposal for Plumbing and Gas-piping of the United States Post-office building at Ashland, Wis.," and addressed to JEREMIAH O'ROURKE, Supervising Architect.

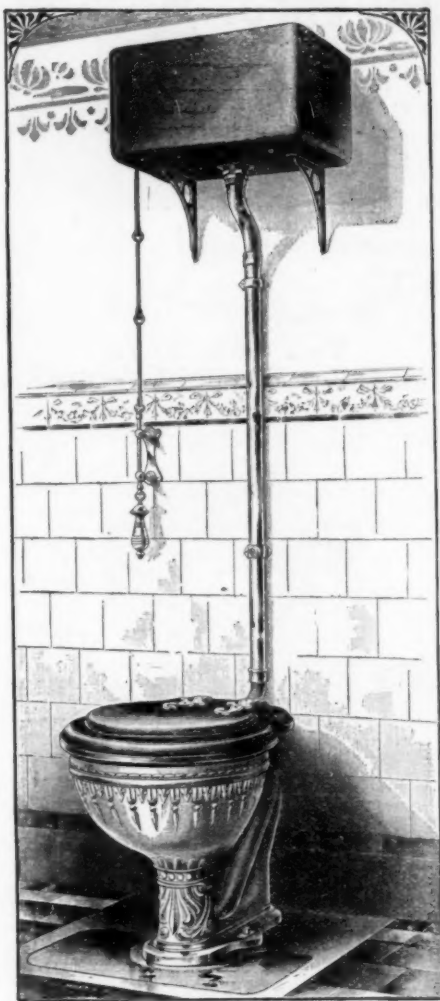
913

United States Engineer Office, Mobile, Ala., June 10, 1893. Sealed proposals for improvement of Mobile Harbor, Ala., dredging in Mobile River, Ala., will be received at this office until 12 m. July 11, 1893, and then publicly opened. Specifications, blank forms and all available information will be furnished on application to this office. A. N. DAMKELL, Major of Engineers, U. S. A.

915

Treasury Department, Office Supervising Architect, Washington, D. C., May 29, 1893. Sealed proposals will be received at this office until 2 o'clock p. m. on the 27th day of June, 1893, and opened immediately thereafter, for all the labor and materials, and fixing in place complete, a heating and ventilating apparatus in the following-named public buildings: Ashland, Wis.; Atchison, Kansas; Beatrice, Neb.; Danville, Ill.; Fremont, Neb.; Lansing, Mich.; La Fayette, Ind.; and San Jose, Cal., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at each building. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any and all bids, and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes, sealed, and marked "Proposal for the Heating and Ventilating Apparatus for the United States Post-office building at Ashland, Wis.," or otherwise, as the case may be, and addressed to JEREMIAH O'ROURKE, Supervising Architect.

912



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PLATE 1139-G.

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To the sanitary and mechanical advantages of the "PERFECTO" Seat must be added that of its artistic appearance; in this respect it marks a distinct improvement over Closets which have heretofore been made with the Seat the same size and shape as the bowl, the effect of which is most unsatisfactory and but little removed from that of an ordinary Hopper Closet.

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OUR LATEST PRODUCTION IS A
JET WATER CLOSET

which holds a large body of water (6 inches deep),
MAKES LESS NOISE AND COSTS LESS MONEY THAN ANY
OTHER FIRST-CLASS CLOSET ON THE MARKET.

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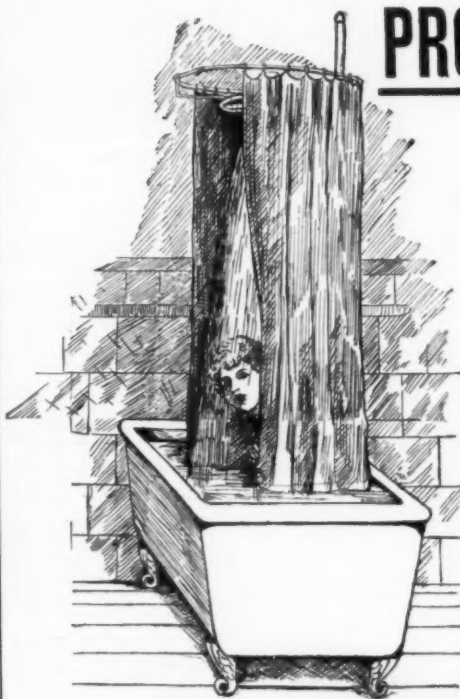
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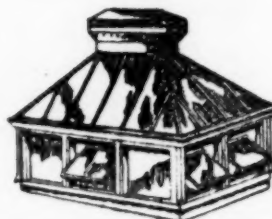
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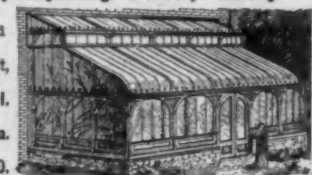
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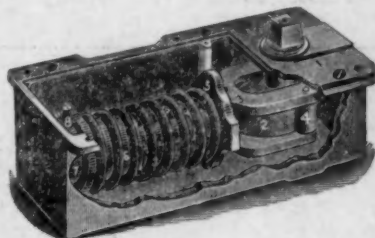


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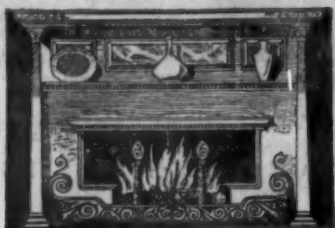
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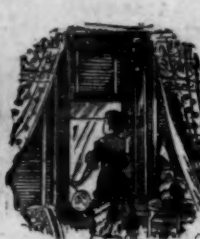
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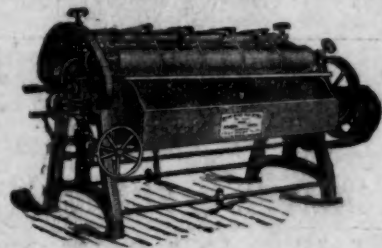
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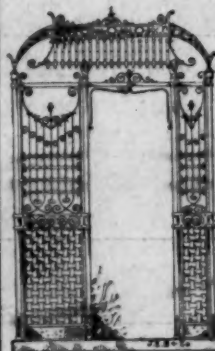
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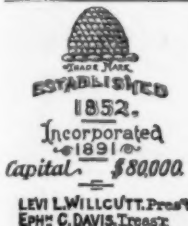
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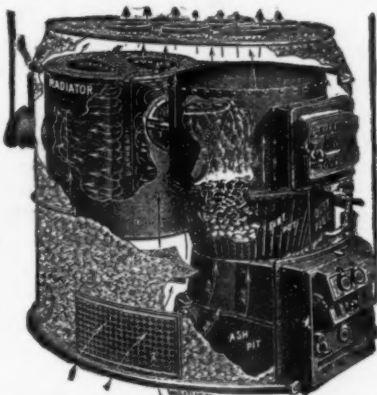
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Clapboards:

Pine.....

Spruce.....

Framing Timber:

Pine.....

Spruce.....

Hemlock.....

Yellow pine.....

Laths:

Pine.....

Spruce.....

Shingles:

Pine, shaved..... P. M.....

Pine, sawed.....

Spruce, sawed.....

Redwood.....

Cedar split.....

Cedar sawed.....

Cypress, Split.....

Miscellaneous:

Piles 6 ft.....

Fence pickets, Common.....

Cedar posts, 9 ft. (sq. posts.).....

Chestnut posts.....

Finishing Woods: P. M. (First Qual.)

Ash.....

Cherry.....

Butternut.....

Hard-pine floors (rift).....

Mahogany, Baywood (Mexican).....

" St. Domingo.....

Maple.....

Oak, red.....

" white.....

" quartered.....

Sycamore quartered.....

Pine, clear.....

Redwood.....

Rosewood.....

Spruce floors (clear, kiln-dried).....

Walnut, black.....

Whitewood.....

Yellow pine..... P. M.....

New York.

(Wholesale Prices.)

65 00 @ 75 00

55 00 @ 60 00

18 00 @ 22 00

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20 @ 40

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Boston.

(Prices to Builders and Contractors.)

55 00 @ 70 00

42 00 @ 50 00

35 00 @ 40 00

14 50 @ 25 00

13 00 @ 15 00

25 00 @ 35 00

31 00 @ 40 00

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Chicago.

(Prices to Builders and Contractors.)

42 00 @ 50 00

27 00 @ 38 00

14 00 @ 20 00

Not sold.

@ 12 00

21 00 @ 34 00

18 00 @ 34 00

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Philadelphia.

(Prices to Builders and Contractors.)

48 00 @ 55 00

40 00 @ 45 00

30 00 @ 35 00

16 00 @ 20 00

11 25 @ 13 50

14 00 @ 29 00

@ 35 00

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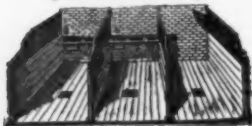
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(Wholesale Prices.) (Prices to Builders and Contractors.)				
BRICK.—P. M.				
Common: Cargo afloat.				
Palesey.....	2 50 @ 2 75	Eastern } 9 00 @ 10 00 }	Building Brick @ 5 00	Sq. Hard In Yard. @ 9 00
Jersey.....	5 00 @ 5 25			@ 7 00
Long Island.....				Salmon @ 5 00
Up River.....	5 00 @ 5 50	Domestic Com. 9 50 @ 10 00	Indiana Pressed 14 00 @ 20 00	Sq. " @ 9 00
Haverstraw Bay 2d.....	5 25 @ 5 50	Domestic Face 20 00 @ 22 00	St. Louis Fronts @ 27 00	Light Stretchers @ 10 00
" 1st.....	5 50 @ 5 75	Philadelphia 40 00 @ 45 00		Medium " @ 12 00
Hollow.....	@ 13 00	Phila. mould 50 00 @ 80 00 }		Red " @ 13 00
Fronts:				
Croton, Brown.....	@ 12 00		15 00 @ 27 00	Dark " @ 13 00
" dark.....	@ 13 00		65 00 @ 350 00	Pressed 18 00 @ 20 00
" red.....	@ 13 00		45 00 @ 50 00	Best Paving @ 14 00
Chicago pressed (Anderson).....			45 00 @	Second " @ 13 00
Baltimore.....	37 00 @ 41 00		25 00 @	Third " @ 12 00
Philadelphia.....	23 00 @ 24 00		60 00 @ 100 00	
Trenton.....	@ 19 00		30 @	
Milwaukee.....			35 @	
Moulded:				
Glens Falls Red Pressed.....	@ 37 00		55 00 @ 65 00	
" " Buff.....	@ 30 00		@ 100 00	
" " Moulded Red & Buff.....	45 00 @ 70 00		@ 120 00	
Enamelled: Imp.				
Enamelled (edge).....	85 00 @ 100 00			Dom. { @ 65
Enamelled (edge and end).....	90 00 @ 115 00			@ 85
CEMENT, LIME, etc.—(P cash.)				
Rosendale Cement.....	95 @ 1 10	1 15 @ 1 25	Not sold.	1 30 @ 1 50
Louisville.....		Brooks, S. & Co. 2 40 @ 2 75	1 05 @ 1 15	BS&Co 2 75 @ 3 00
Utica, Akron, Buffalo, Milw'kee.....	Not sold.	2 40 @ 2 75	1 00 @ 1 10	2 85 @ 3 25
Portland, English (Gibbs).....	2 25 @ 2 50	2 40 @ 2 75	3 00 @ 3 10	2 85 @ 3 15
" (K. B. & S.).....	2 50 @ 3 00	2 40 @ 2 75	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross.....	2 25 @ 2 50	2 40 @ 2 75	3 00 @ 3 25	2 85 @ 3 15
" " (Burnham).....	2 50 @ 2 50	2 40 @ 2 75	2 90 @ 3 15	2 75 @ 2 85
" " (White's).....	2 65 @ 3 00	2 40 @ 2 75	3 00 @ 3 25	
" " French (Lafarge).....	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	
" " German (Alsen).....	2 90 @ 3 25	3 00 @ 3 50	3 00 @ 3 20	Hemmoor 2 50 @ 2 75
" " (Fewer).....	2 25 @ 2 40		3 20 @ 3 40	2 75 @ 2 85
" " (Vorwöhler).....	2 50 @ 2 90	Cleopatra 2 40 @ 2 75	2 75 @ 3 00	2 60 @ 2 75
" " (Lagerdofer).....		3 00 @ 3 50	3 25 @ 3 50	3 00 @ 3 25
" " (Dyckerhoff).....	2 60 @ 2 90	Condor 2 50 @ 2 75	Not sold.	2 75 @ 2 85
" " (Hanover).....	2 50 @ 3 00	Wedge 2 40 @ 2 75	Not sold.	
" " Stettin (Anchor).....	2 35 @ 2 85	2 15 @ 2 50	2 60 @ 2 70	2 70 @ 3 00
" " American (Saylor's).....	2 15 @ 2 25	@ 3 50	2 75 @ 3 25	3 00 @ 3 50
Roman.....	2 75 @ 3 00	@ 6 00	6 00 @ 7 00	6 50 @ 7 00
Keene's coarse.....	4 50 @ 5 30	7 00 @ 9 00	9 00 @ 10 50	8 00 @ 9 00
" superfine.....	5 00 @ 5 50			
Lime:				
Lime of Tell.....	3 50 @ 4 00	@ 1 35	Not sold.	White Lime P bush 25 @ 30
Hydraulic Lime.....	@ 1 45	St. John 1 00	60 @ 70	{ White Mash 60 @ 1 25 @ 1 50
Chicago Lime in bulk.....			60 @	1 00 @ 1 00
Wisconsin Lime.....	@ 80	@ 1 05	Not sold.	
Rockland and Rockport, (Com.).....	@ 95	@ 1 10	Not sold.	
Rockland and Rockport, finish.....	@ 1 20	@ 1 20	1 00 bulk, 75c.	
Kelley Island Lime, finish.....	80 @ 85	Not sold.	Not sold.	
State, com. cargo rates (nom.).....	1 05 @ 1 10	Not sold.	Not sold.	
State, finishing.....	1 40 @ 1 50	1 85 @ 2 00	1 85 @ 1 90	Not sold. Not sold.
Plaster of Paris (calcined).....	@ 1 60	@ 2 25	1 85 @ 1 90	1 50 @ 2 25
" (casting).....	16 @ 18	25 @ 30	16 @ 20	1 75 @ 2 50
Hair (Cattle) P bush.....	18 @ 21	@ 30	30 @ 35	20 @ 25
" (Goat).....	1 00 @ 1 25	1 75 @ 1 90	@ 60	30 @ 35
Sand, P load.....				@ 1 50
STONE. (P cubic foot, rough.)				
Granite: (Maine)				
Limestone:				
Bedford.....	45 @ 1 25	@ 60	50 @	75 @ 85
Joliet.....	1 00	96 @ 1 00	35 @ 55	Richmond P 75 @ 1 50
Lemont.....			35 @ 60	Perch 4 50 @ 5 50
Serpentine.....			@ 1 00	
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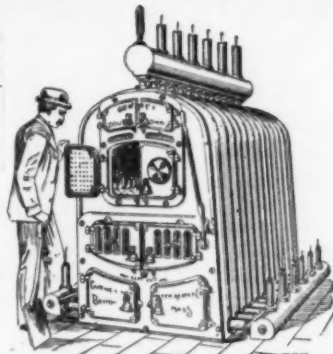
Foundation:

Wholesale Prices.)

(Prices to Builders and Contractors,

Dimension.....	500 ton.	200 ton.	100 ton.	50 ton.
Block.....	400 175	400 175	400 175	400 175
Rubble.....	125 150	125 150	125 150	125 150
Blue stone: (P sq. ft.)				
Sidewalk.....	30 500	40 175	75 100	1 in. th. 10 25
Planed.....	50 600	40 75	50 100	37 50
Sandstone:				
Longmeadow.....	80 80	80 90		95 105
Kibbe.....	90 90	90 110		105 125
Brown (Connecticut).....	100 95	125 145	150 100	85 95
Amherst Ohio.....	90 95	90 100	45 50	55 75
Berea.....	75 100	85 90	45 55	55 95
Berlin.....	75 100	80 90	55 65	100 110
Belleville.....	80 125	125 135	125 125	105 115
New Brunswick (Dorchester).....	100 100	75 90		125 135
Caen.....	100 105	75 105		95 105
Carlisle, English.....	105 105	105 105		95 105
Corse Hill (Scotch).....	105 105	105 105		95 105
Marble: (P cu. ft.)				
Lee, Mass.....		175 250	Not Sold.	200 250
Rutland, white and blue.....		300 300	350 600	200 300
Sutherland Falls.....	125 175	200 200	350 600	170 300
Glens Falls, black.....			Not Sold.	400 450
Italian, blue-veined.....			Not Sold.	250 275
" Sienna.....			Not Sold.	400 500
Tennessee, red.....			Not Sold.	400 600
" Knoxville.....			Not Sold.	300 400
Pennsylvania, blue.....			350 600	200 300
Vermont, white.....				225 300
Slate: Roofing (P square).....	500 600	475 525	550 610	280 300
" Green.....	500 600	550 650	650 710	325 375
" unfading.....	500 600	550 650	650 710	350 450
" purple.....	500 600	550 650	650 710	50 1025
" red.....	1000 1000	1000 1100	1200 1400	325 400
" black, Lehigh.....	425 475		625 685	00 465
" " Chapmans.....			730 800	550 800
" Unfading black, Monson, Me.....	550 800	550 800	600 900	600 2500
Tiles, Am. & M.....			Not Sold.	600 675
N. Peach Bottom, warranted unfading.....				
PAINTS. (In Oil P lb.)				
White lead, Am.....	7 7 1/2	6 7	7 7 1/2	7 1/2
" zinc.....	6 7 1/2	6 7	6 7 1/2	7 1/2
Red lead, Am.....	6 10 1/2	7 12	12 2 1/2	7 1/2
" Venetian.....	65 70	70 5 dry	65 68	6 1/2
" Vermillion.....	12 20	12 20	12 20	6 1/2
" Indian, Eng.....	6 15	7 12	3 15	dry Am. 1 1/2
Yellow Ochre.....	12 20	18 25	15 25	" 15 20
" Chrome.....	8 13	8 20	8 20	8 12
Green (chrome).....	25 40	25 40	18 35	10 24
Green, Paris.....	15 25	15 25	8 30	60 60
Black, lamp.....	12 18	18 30	12 35	65 65
Blue, ultramarine.....	55 62	51 62	57 60	44 44
Oil, linseed, (raw).....	58 65	54 65	60 68	125 300
" boiled.....	36 37	54 65	40 42	150 300
Turpentine.....		150 600	125 200	2 2 1/2
Varnish, coach.....		250 300	225 400	2 2 1/2
Shellac.....			2 4	2 1/2
Putty.....	2 4	1 1 1/2	1 1 1/2	1 1/2
Whiting.....	75 100	2 3	1 1/2	1 1/2
Paris white, (Eng.).....	130 200	6 7	6 7	4 14
Litharge, Am.....	5 6	14 20	4 16	2 13
Sienna (burnt).....	14 20	14 20	2 10	
Umber.....	14 20	14 20		
HARDWARE.				
Nails: (Per Cask.) Spikes, (wrought.)	2 85		2 35	per keg 2 25
10d. common.....	2 60	2 20	2 105	2 30
Shingle.....	3 35	2 65	2 35	2 60
Lath.....	4 85	3 20	3 25	3 60 4 75
(Finishing nails according to size.)			44.85 to \$2.25	per lb 4 0
(For casing nails add 75 c. per keg.)			50 to .90	2 90 (all kinds.)
Boards: 4" x 4".....	100	120	90	
Plain.....	150	175	Not Sold.	135 200
Japanned.....	150	190	200 375	135 275
Acorn, Japanned.....	65	50	Not Sold.	48 50
Ball Tip, Boston Finish..... (P pair.)	190	165	200 325	125 125
Bronze metal.....	10	10	12	100 100
Brass (for cupboards).....				35 35
Ebony.....				37 100
Apple wood.....				
Knobs: (P set.)				
Mineral, best.....	8	8	8 10	Not Sold.
Lava.....	50	75	65 80	25 50
Hemlock.....	Not Sold.	17 33	31 40	25 25
Porcelain.....	30	50	25 30	100 250
Glass, solid.....	Not Sold.	88 100	Not Sold.	175 200
Glass, silvered.....	Not Sold.	50 300	50 300	50 350
Bronze metal.....	75 200	50 300	100 300	75 125
Brass.....	100 250	50 300	14 16	13 16
Solder:				
Sheet Lead.....		7 1/2	5 7	6 6
Lead Pipe.....		6 1/2	5 1/2	6 6
Iron:				
I-Beams, up to and including 30 ft.....	3 3-10 3 3 1/2	3 4-10	2 50 2 75	2 8-10
do. over 30 ft., 1 c. adv. for every 5 ft.	3 3-10 3 3 1/2	3 4-10	50 2 75	2 8-10
Channel Beams.....				2 8-10

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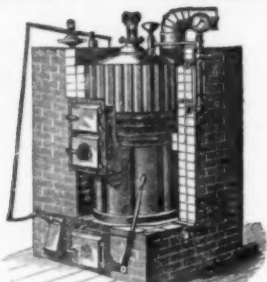
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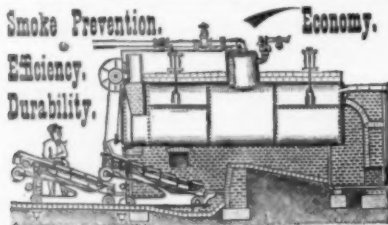
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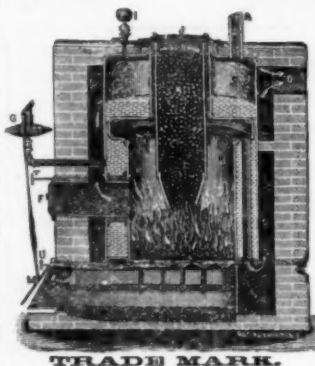
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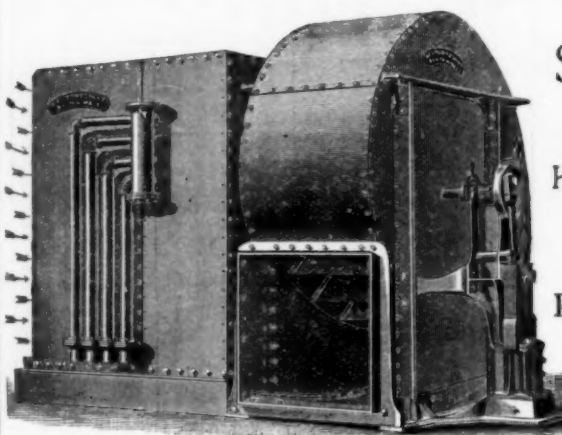
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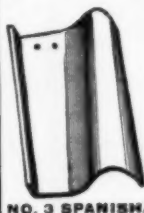
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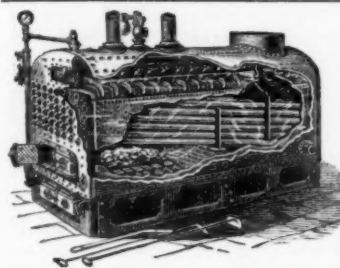
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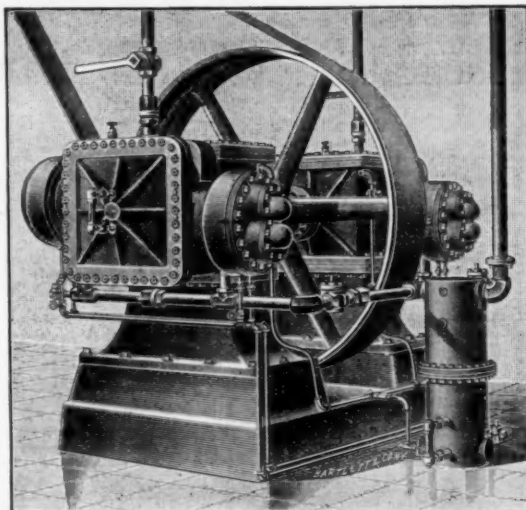
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						Subjects.	Per cent of total number of subjects.	Different architects contributing.	Per cent of total number contributing architects.	Towns.
No. I. . . .	214	109	28	16		161	.752	75	.688	7
No. II. . . .	137	78	21	15		46	.335	24	.307	2
No. III. . . .	118	56	16	11		70	.593	22	.392	1
Am. Architect.	267	152	47	24		73	.273	39	.256	3

From this table it appears that Massachusetts architects—.256 per cent of the total number of contributors—provided only .273 per cent of the total number of designs published, percentages which, in view of the fact that Massachusetts is one of the most populous States in the Union, prove that they have not been accorded an unreasonable amount of our limited space.



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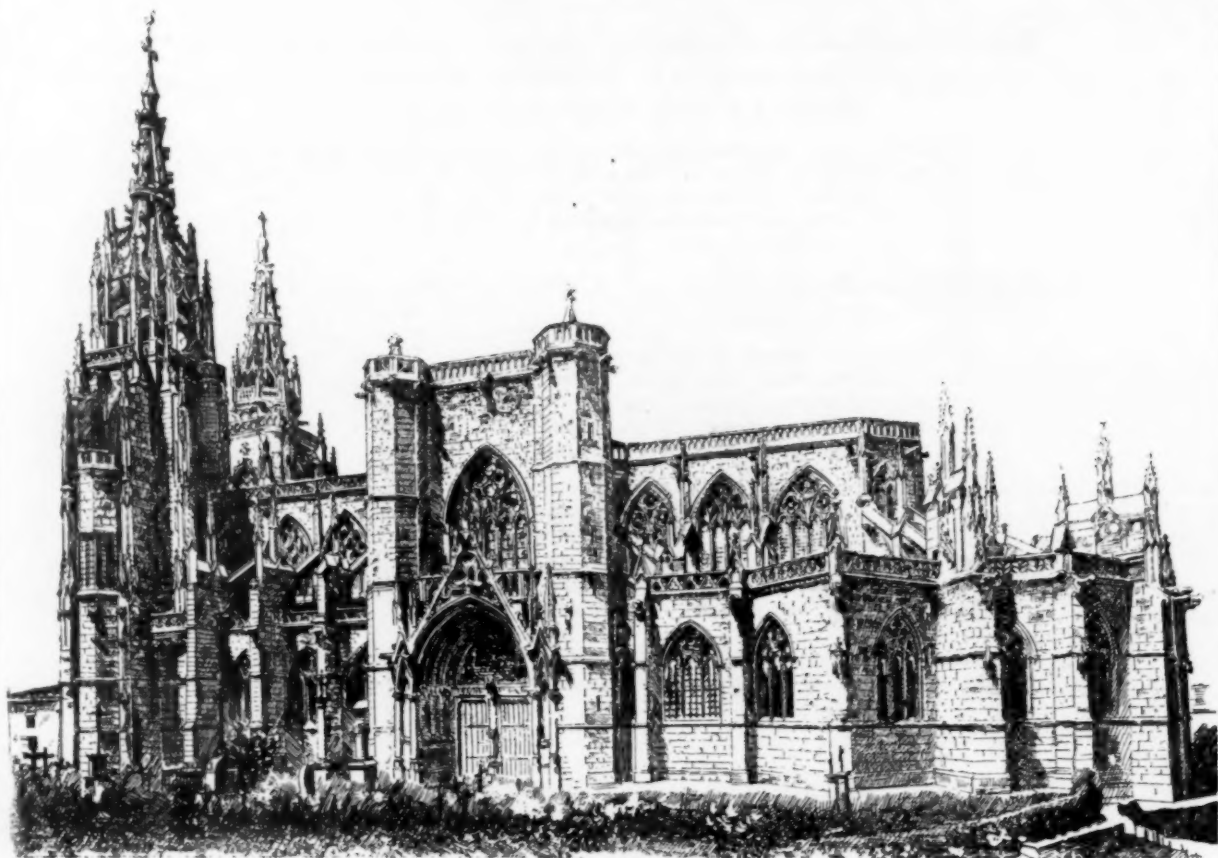
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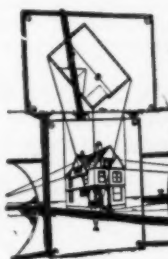
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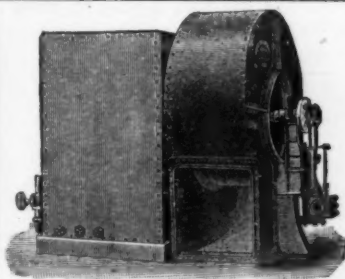
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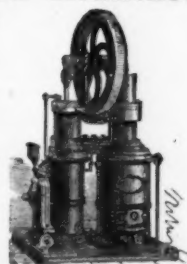
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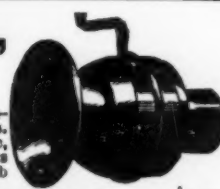


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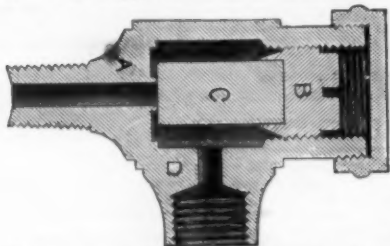
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Chicago, Ill.—F. Wells, 2 three-sty flats, 1256-1258 Lawndale Ave.; cost, \$8,000.

S. Prjnowski, two-sty flats, 1018 Whipple St.; cost, \$3,200.

John Lynch, three-sty flats, 1043 Taylor St.; cost, \$5,000.

J. H. Harker, two-sty flats, 2024 Wilcox Ave.; cost, \$3,600.

Alex. Henderson, three-sty flats, 250 Trumbull Ave.; cost, \$4,500.

Thels. Reynertson, 4 three-sty flats, 669-671 Austin Ave.; cost, \$25,000.

Neils. Zuul, two-sty flats, 433-435 Potomac St.; cost, \$3,000.

Stanislaw Zanitzka, three-sty flats, 948 South Hoyne Ave.; cost, \$3,500.

C. Lissner, three-sty flats, 41 McReynolds St.; cost, \$4,000.

Garner Bros., three-sty flats, 5350 Maryland Ave.; cost, \$11,500.

Graham Corkey, two-sty flats, 5539 Monroe Ave.; cost, \$8,000.

M. Bruzum, two-sty flats, Curtis Ave. and One Hundred and Seventh St.; cost, \$3,000.

David Ayers, two-sty flats, 4634 Emerald Ave.; cost, \$3,000.

Francis Kolan, three-sty flats, 735 South Morgan St.; cost, \$4,000.

E. Kock, two-sty flats, 1092 Spaulding Ave.; cost, \$3,000.

Aug. Gersch, two-sty flats, Dresden and Center Sts.; cost, \$3,000.

John Dick, three-sty flats, 1424 Lexington St.; cost, \$5,500.

F. C. Heath, four-sty flats, 20 Twenty-sixth St.; cost, \$15,000.

C. S. Marnton, 2 three-sty flats, 6916-6918 Wallace St.; cost, \$5,000.

Thomas Starr, two-sty flats, 554-556 Montrose Boulevard; cost, \$3,200.

John Hulik, three-sty flats, 75 Van Buren St.; cost, \$3,000.

O. Hanson, three-sty flats, 560 South Kedzie Ave.; cost, \$6,000.

John Workmister, two-sty flats, 113 Thirty-second St.; cost, \$4,000.

Joseph Barbo, two-sty flats, 1029 Van Horn St.; cost, \$3,500.

C. Stegman, two-sty flats, 4620 Cottage Grove Ave.; cost, \$3,000.

Auguste Kirkbusch, two-sty flats, 669 West Fifteenth St.; cost, \$3,800.

William Govin, three-sty flats, 4246 Wabash Ave.; cost, \$6,000.

New York, N. Y.—One Hundred and Forty-ninth St., n. s. 125' w. Amsterdam Ave., 5 three-sty brick flats, tin roofs; cost, \$80,000; owner, John J. Mahoney, 51 West Ninety-fourth St.; architect, M. V. B. Ferdon, 265 West Thirty-fourth St.

Eighty-first St., n. s. 109' w. Amsterdam Ave., 4 five-sty brick flats, tin roofs; cost, \$220,000; owners, Cotter Bros., 630 East One Hundred and Thirty-eighth St.; architect, John C. Burne, 101 West Forty-second St.

Pitt St., s. e. cor. Delancey St., 2 six-sty brick flats, tin roofs; cost, \$55,000; owners, Fay & Stacom, 337 Pleasant Ave.; architect, Charles Rentz, 153 Fourth Ave.

Forty-sixth St., s. s. 75' w. Ninth Ave., 2 five-sty brick flats, tin roofs; cost, \$20,000; owner, James Mulholland, 415 West Forty-sixth St.; architect, James W. Cole, 403 West Fifty-first St.

Sixty-fifth St., n. s. 200' e. Columbus Ave., 4 five-sty brick flats, tin roofs; cost, \$140,000; owner, Wm. H. Ramsay, 14 West Sixtieth St.; architect, M. V. B. Ferdon, 265 West Thirty-fourth St.

One Hundred and Fourth St., n. s. 50' w. Manhattan Ave., five-sty brick flat, tin roof; cost, \$20,000; owner, Jeanette Hilgers, 163 West One Hundred and Fourth St.; architect, M. V. B. Ferdon, 265 West Thirty-fourth St.

Henry St., No. 264, five-sty brick flat, tin roof; cost, \$24,000; owner, Morris Solomon, 230 Henry St.; architect, Charles Rentz, 153 Fourth Ave.

Stuyvesant Pl., No. 19, five-sty brick flat, tin roof; cost, \$24,000; owners, Brose & Rentz, 245 East Nineteenth St. and 80 Greenwich Ave.; architect, Charles Rentz, 153 Fourth Ave.

(Apartment-Houses Continued.)

One Hundred and Fifteenth St., n. s. 125' s. One Hundred and Twenty-fifth St., five-sty brick flat, tin roof; cost, \$20,000; owner, T. J. Jenkins, 55 Lenox Ave.; architect, George M. Waigrove, 99 Nassau St.

Eighty-ninth St., n. s. 200' w. Columbus Ave., 4 five-sty brick flats, tin roofs; cost, \$30,000; owner, Joseph Mokowski, 457 West Fifthth St.; architect, Henry Davidson, 130 West Twenty-third St.

Eight Ave., n. e. cor. One Hundred and Sixteenth St., five-sty brick flat, tin roof; cost, \$65,000; owner, Edward Nicholson, 380 St. Nicholas Ave.; architect, J. A. Webster, 217 West One Hundred and Twenty-fifth St.

One Hundred and Sixteenth St., n. s. 45' e. Eighth Ave., 3 five-sty brick flats, tin roofs; cost, \$27,000; owner, Edward Nicholson, 380 St. Nicholas Ave.; architect, J. A. Webster, 217 West One Hundred and Twenty-fifth St.

Clinton St., s. e. cor. Henry St., six-sty brick flat, tin roof; cost, \$50,000; owner, John L. Butterweiser, 237 East Sixtieth St.; architect, G. F. Pelham, 1481 Broadway.

West Thirty-third St., Nos. 123-125, 2 five-sty brick flats, tin roofs; cost, \$40,000; owner, B. Arthur Ayerick, 102 Chamber St.; architect, Daniel Burgess, 240 East Eighty-sixth St.

West Third St., No. 103, five-sty brick flat, tin roof; cost, \$20,000; owner, Joseph L. Butterweiser, 237 East Sixtieth St.; architect, G. F. Pelham, 1481 Broadway.

One Hundred and Eighth St., n. s. 125' e. Fifth Ave., 2 five-sty brick flats, tin roofs; cost, \$36,000; owner, Frederick Rohrs, 302 East One Hundred and Twenty-sixth St.; architect, Edward Wenz, 1491 Third Ave.

Worcester, Mass.—Wilcox St., four-sty brick apartment-block; owner, A. W. Wilcox; contractor, J. I. Elliot; architects, Geo. & J. P. Kingston.

CHURCHES.

Asbury Park, N. J.—Stone church for the Presbyterian congregation; builders, Glanfield & Son, Dixon, Ill.

Aspinwall, Pa.—Church for the First U. P. congregation; architect, J. E. Allison, Rooms 601-602 Penn Building, Pittsburgh, Pa.

Avon, Pa.—Church for the congregation of the U. B. Church; pastor, Rev. J. H. Mark.

Brooklyn, N. Y.—Fourth Ave., cor. Forty-seventh St., one-sty brick church, slate and tin roof; cost, \$32,000; owner, Fourth Ave. M. E. Church, Fifty-fifth St. and Fourth Ave.; architects, Weary & Kramer, Akron, O.; builders, T. Becker Constructing Co., Kingston, N. Y.

Chicago, Ill.—Catholic Bishop of Chicago, church, Cobbs Ave. and Twenty-eighth St.; cost, \$3,000.

Coaldale, Pa.—Catholic church; secretary of the building-committee, William D. Boyle.

Gainesville, Fla.—Plans are being prepared by William T. Cotter, architect, Jacksonville, Fla., for a \$10,000 church for the Baptists.

Lynchburg, Va.—The Presbyterians will build a church of granite and brownstone, to cost about \$30,000.

Meadville, Pa.—Corner-stone of the new Evangelical Lutheran Church has been laid.

Merchantville, N. J.—Church for the Grace Episcopal congregation.

Orangeburg, S. C.—Church, to cost \$10,000, will be built by the Methodists.

Oxford, Pa.—Church for the United Presbyterians.

Philadelphia, Pa.—Allegheny Ave., n. s. e. Belgrade Ave., stone chapel for the Mission of the Protestant Episcopal Church; builder, Edward Delany, Christian and Twenty-third Sts.

Pittsburgh, Pa.—Church for the congregation of the Emery Methodist Church; cost, about \$30,000.

Church for the First Unitarian Society; chairman of the building-committee, Rev. C. E. St. John, Oakland Square.

Portsmouth, Va.—The congregation of South St. Baptist Church will build a church of gray stone, to cost about \$20,000.

Providence, R. I.—Winter St., w. s. near Broad St., one-sty brick church; cost, \$12,000; owner, M. E. Zion Church; architect, E. I. Nickerson; builders, Houlihan & Maguire.

FACTORIES.

Chicago, Ill.—Jacob Loe, three-sty factory, 492 Morgan St.; cost, \$3,100.

Garden City Spring Co., four-sty factory, 36-40 Chester St.; cost, \$20,000.

Philadelphia, Pa.—Westmoreland, Waterloo and Amber Sts., two carpet-factories; builders, Robert Beatty & Bro., 2321 Townsend St.

Pittsburgh, Pa.—Liberty and Twelfth Sts., six-sty tobacco-factory and warehouse; owner, Mr. Jenkins.

HOTELS.

Philadelphia, Pa.—Tenth St., e. s. n. Callowhill St., three-sty brick hotel; builders, Wintz & Herman, 1618 North Twenty-seventh St.

HOUSES.

Baltimore, Md.—Charles Schneider, three-sty brick building, s. e. cor. Fayette and Sharp Sts.

Jas. H. Wood, 2 three-sty brick buildings, e. s. Madison Ave., bet. Preston and Hoffman Sts.

Richard F. Foster, 10 two-sty brick buildings, w. s. Mount St., n. Presbury St.

Jno. S. Moke, 9 two-sty brick buildings, w. s. Monroe St., beg. n. w. cor. Hollins St.

Smith & Wilbur, 3 two-sty brick buildings, e. s. Charles St., n. Fort Ave.

Wm. J. Clendenin, 12 two-sty brick buildings, e. s. Bethel St., bet. Oliver and Federal Sts.; and 7 two-sty brick buildings, n. s. Oliver St., beg. n. e. cor. Bethel St.

Jno. A. Kisser, 12 two-sty brick buildings, w. s. Washington St., bet. Federal and Lanvale Sts.

J. F. Kraus, 11 two-sty brick buildings, e. s. Forrest St., beg. s. e. cor. Mary Anna St.

J. Theo. Oster, 2 three-sty brick buildings, e. s. Broadway, bet. Monument and Millman Sts.

Andrew Hamilton, 2 three-sty brick buildings, w. s. Pennsylvania Ave., beg. n. w. cor. North Ave.

George Klein, 12 two-sty brick buildings, s. s. Barney St., bet. Light and Charles Sts.

Ernst Schmeisser, three-sty brick building, n. e. cor. Euterpe Pl. and Whitelock Lane.

Patrick Mohan, three-sty brick building, w. s. Division St., bet. Mosher and Lafayette Aves.

Walter F. Welsh, 5 two-sty brick buildings, s. s. Cross St., bet. Nantiocke and Cleveland Sts.

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BUILDING INTELLIGENCE.

(Houses Continued.)

Lemuel German, 11 three-st'y brick buildings, n s Huntington Ave., bet. Charles St. and Maryland Ave.

Thos. P. Cavanaugh, three-st'y brick building, n s Fayette St., bet. Howard and Eutaw Sts.

Boston, Mass.—Thorndike St., Nos. 19-31, and three near Reed St., Ward 20, 3 three-st'y brick dwells., flat roofs, 19.6' x 40'; owner and builder, T. L. Connolly.

Ashfield St., near Walter St., Ward 23, frame dwell., 25' x 41'; owner and builder, J. P. Rogers.

George St., near Spring St., Ward 25, frame dwell., 24' x 28'; owner and builder, S. J. Wilde.

Zeigler St., Nos. 2-4, Ward 20, 2 three-st'y frame dwells., 20' x 50'; owner, Frederick Wyman; builder, O. R. Le Cain.

Ashfield St., near Fairview St., Ward 23, three-st'y frame dwell., flat roof, 24' x 42'; owner and builder, O. H. Skinner.

Alexander Ave., Ward 20, 6 three-st'y frame dwells., flat roofs, 20' x 40'; owner and builder, J. D. McLennan.

Bumstead Lane, near Smith St., Ward 22, three-st'y frame dwell., flat roof, 22' x 29'; owner, Henry Plitzer; builder, Samuel Rantin.

Yale St., near Wausau St., Ward 23, frame dwell., 31.4' x 31.10'; owner, L. McEntree; builder, S. H. Johnson.

Josephine St., near Humboldt Ave., Ward 24, frame dwell., 24' x 34'; owner, Wilbur L. Libby; builder, L. J. Gillis.

East Second St., Nos. 821-823, Ward 14, 2 three-st'y frame dwells., flat roofs, 25' x 53'; owner, T. A. Mullen; builders, Tobin & Dearborn.

Spring St., near Market St., Ward 25, frame dwell., 22' x 35'; owner, Anna T. Gately; builder, Otis Gately.

Ruthven St., near Humboldt Ave., Ward 21, three-st'y frame dwell., pitch roof, 40' x 42'; owner, B. B. Williams; builder, W. A. Clapp.

Townsend St., Nos. 46-48, Ward 21, two frame dwells., 21' x 62.6' and 23' x 61'; owner, G. W. Godfrey; builders, Ourish & Rich.

Ballard St., near Custer St., Ward 23, three-st'y frame dwell., hip roof, 25' x 46'; owner, Patrick Spelman; builder, Joseph Landry.

Boylston St., near Centre St., Ward 23, frame dwell., 25' x 37'; owner, Anton Weber; builder, G. Merz.

Washington St., No. 3088, Ward 23, three-st'y frame dwell., flat roof, 23.8' x 40'; owner, Patrick McCormick.

Monadnock St., near Dudley St., Ward 20, three-st'y frame dwell., pitch roof, 40.6' x 51.2'; owner, Mrs. H. R. Eldridge; builder, C. W. Bowers.

Sachem St., near Hillard St., Ward 22, three-st'y frame dwell., hip roof, 28' x 56'; owner, Mrs. C. Cameron; builder, D. Cameron.

Robinson St., near Adams St., Ward 24, three-st'y frame dwell., flat roof, 29' x 52.10'; owner, Joseph Smith; builders, O. H. Drisko & Son.

Kinross Road, near Commonwealth Ave., Ward 25, three-st'y frame dwell., pitch roof, 40' x 43.6'; owner, J. H. Rogers; builder, E. L. Rogers.

Walcott St., near Columbia St., Ward 24, frame dwell., 26' x 38'; owner, A. T. Arnold; builders, Vaughn & Silver.

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BUILDING INTELLIGENCE.

(Houses Continued.)

Wheatland Ave., cor. Kilton St., Ward 24, frame dwell., 24' x 30'; owner and builder, G. L. Davidson.

Sidney Pl., off Waterlow St., Ward 24, frame dwell., 25' x 30'; owner and builder, W. A. Davidson.

Gardner St., near Baker St., Ward 23, frame dwell., 24' x 35'; owner, Patrick Ryan; builder, W. Chappell.

Arundel St., near Selwyn St., Ward 23, frame dwell., 25.6' x 38'; owner and builder, J. M. Gillis.

Lauriat Ave., near Mountain St., Ward 24, frame dwell., 24.6' x 51.6'; owner and builder, C. S. Nielson.

Edwin St., near Dorchester Ave., Ward 24, frame dwell., 24' x 31'; owner and builder, J. T. McDonald.

Monroe St., near Humboldt Ave., Ward 21, three-st'y frame dwell., flat roof, 26' x 56'; owner, Joseph Spang; builder, C. Lemmler.

Armstrong St., near Ashley St., Ward 23, three-st'y frame dwell., flat roof, 28' x 37'; owner, Peter Diehl; builders, Fuchs & Wangler.

Proctor St., near Walter St., Ward 23, frame dwell., 27' x 40'; owner, Joseph Young; builder, J. E. Poland.

Falcon St., near Meridian St., Ward 1, frame dwell., 23' x 55'; owner, F. W. Kent; builder, D. D. Fish.

Longmeadow St., near Batchelder St., Ward 20, three-st'y frame dwell., flat roof, 24' x 57'; owner, Mary Murray; builder, M. J. O'Brien.

Howland St., near Humboldt Ave., Ward 21, frame dwell., 31' x 56'; owner, J. F. Thomas; builder, C. C. Turner.

Alexander Ave., Ward 20, 6 three-st'y frame dwells., flat roofs, 28' x 56'; owner and builder, J. D. McLellan.

Enderleigh St., near Savin Hill Ave., Ward 24, two frame dwells., 23' x 37'; owner and builder, Isaac Schurman.

Eustis St., Nos. 274-276, Ward 20, 2 three-st'y frame dwells., 20' x 44'; owner, L. F. Abbott.

Minden St., near of Schiller St., Ward 22, 2 three-st'y frame dwells., flat roofs, 29' x 33'; owner, J. J. Hall; builders, R. D. Ward & Co.

Spring Park Ave., Ward 23, frame dwell., hip roof, 35' x 60'; owner, T. B. Kinrall; builder, Winslow Chappelle.

Franklin St., cor. Lincoln St., Ward 25, frame dwell., 29' x 48'; owner, H. W. Longfellow.

Franklin St., rear of Norfolk Ave., Ward 20, two frame dwells., 22' x 28'; owner, Eliza McCormick; builder, W. Eadie.

Inglewood St., near Blue Hill Ave., Ward 21, three-st'y frame dwell., hip roof, 26.6' x 46'; owner, John Mahan; builder, J. A. Mahan.

Ocean St., near Ashmont St., Ward 24, frame dwell., 31.10' x 69.6'; owner, Mrs. E. A. James; builder, G. W. Oliver.

Perham St., near Ivory St., Ward 23, frame dwell., 24' x 36'; owner, Lucy W. Albee; builder, A. W. Drisko.

Belle Ave., cor. Gould St., Ward 23, frame dwell., 22.6' x 32'; owner and builder, Herbert A. Talbot.

M St., No. 110, Ward 14, frame dwell., 25' x 30'; owner, S. H. Wise; builder, W. T. Eaton.

Coleman St., near Quincy St., Ward 24, frame

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(Houses Continued.)

dwell., flat roof, 30' x 50'; owner, M. T. Geary; builder, G. E. Lintaman.

Vermont Ave., near Corey St., Ward 23, frame dwell., gambrel roof, 33.4' x 34.3'; owner and builder, J. S. Bailey.

East Third St., No. 748, Ward 14, frame dwell., flat roof, 21' x 61.6'; owner, Rodolph McCormick; builder, A. McLaren.

Carruth St., near Van Winkle St., Ward 24, frame dwell., hip roof, 36.8' x 40'; owner, Mrs. A. G. E. Fleming.

Howell St., near Boston St., Ward 15, three-st'y frame dwell., flat roof, 22' x 48'; owner and builder, Matthew Tierney.

Moreland St., near Dennis St., Ward 20, three-st'y frame dwell., flat roof, 30' x 31'; owner, John Malone; builder, Thomas Clus.

Masterick St., near Short St., Ward 2, frame dwell., flat roof, 21.6' x 36'; owner and builder, J. R. McGee.

Huntington Ave., near Canterbury St., Ward 23, frame dwell., 22' x 28'; owner, Ludwig Wolfert; builder, A. Ragens.

Parsons St., near North Beacon St., Ward 25, three-st'y frame dwell., pitch roof, 24' x 32'; owner, Minnie J. Murphy; builder, G. H. Dearborne.

Arundel St., near Selwyn St., Ward 23, frame dwell., 20' x 30'; owner and builder, T. J. Comerford.

Buttwood St., near Crescent Ave., Ward 24, three-st'y frame dwell., flat roof, 24' x 48'; owner and builder, J. W. Douse.

Mattapan St., cor. Tilton Ave., Ward 24, frame dwell., 24' x 32'; owner, C. A. Buck; builder, H. B. Reid.

Unnamed St., near Highland St., Ward 21, 2 three-st'y frame dwells., flat roofs, 23' x 42'; owner, Emilia F. Wagan; builder, W. Ballentine.

Bower St., Nos. 28A, B, C, Ward 21, 4 three-st'y frame dwells., flat roofs, 21' x 58'; owner, Sarah A. Comins; builder, J. B. Marlow.

Sullivan St., Nos. 1-2, Ward 14, 2 three-st'y frame dwells., flat roofs, 23.6' x 42'; owner, Ellen M. Sullivan.

East Second St., near L St., Ward 14, 2 three-st'y frame dwells., flat roofs, 24' x 43'; owner, Mary E. Brunnings; builders, Howard Bros.

Hall St., near South St., Ward 23, frame dwell., 24' x 39'; owner, T. H. Mitchell; builder, Walter Curley.

Norfolk St., near Capen St., Ward 24, frame dwell., 24' x 45'; owner, Mrs. P. P. Lynch; builder, John Bass.

Minden St., near Day St., Ward 22, frame dwell., 25' x 53'; owner, W. D. Maler; builder, Walter Curley.

Bearse Ave., near Riverview St., Ward 24, three-st'y frame dwell., flat roof, 28.6' x 41'; owner, R. Ashcroft; builder, G. W. Cox.

Coolidge Road, near Mansfield St., Ward 25, frame dwell., 29.6' x 36'; owner, M. J. Williams; builder, W. J. Mabie.

Homer Pl., from Winthrop St., Ward 21, frame dwell., 36' x 53'; owner, W. T. Clark; builder, Herman Drake.

Brooklyn, N. Y. — Aberdeen St., s s, 80' w Bushwick Ave., 2 three-st'y frame dwells., tin roofs; cost, \$4,000 each; owner, B. Winslow, 22 Covert St.; architect, H. Vollweiler, 483 Hart St.

Vermont St., s s, 225' n Fulton St., 3 two-st'y frame dwells., tin roofs; cost, \$2,800 each; owner, Agnes Hill, 38 Vermont St.; builder, F. Hill, 38 Vermont St.

Forty-seventh St., s s, 280' e Fourth Ave., 5 two-st'y brick dwells., tin roofs; cost, \$3,300 each; owner, Jas. G. Cornell, 1125 Fourth Ave.; architect, H. G. Spicer, Third Ave. and Fifty-third St.

Bergen St., s e cor. Carlton Ave., 3 three-st'y brick dwells., tin and tile roofs; total cost, \$17,000; owner, Wm. L. Beers, 258 Prospect Pl.; architect, M. Dahllander, Franklin Building.

Prospect Pl., n s, 70' w Underhill Ave., 2 four-st'y brick dwells., tin roofs; cost, \$9,000 each; owner and builder, E. Soderstrom, 686 Bergen St.; architect, W. H. Wirth, 358 Seventeenth St.

Prospect Pl., n s, 129' w Underhill Ave., four-st'y brick dwell., tin roof; cost, \$7,000; owner and builder, E. Soderstrom, 686 Bergen St.; architect, W. H. Wirth, 358 Seventeenth St.

Halsey St., s s, 200' w Ralph Ave., 7 two-st'y

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DR. J. S. NEWBERRY, of Columbia College, DR. JOHN C. SMOCK, New York State Economic Geologist, PROF. FRANCIS A. WILBUR, of Rutgers College, DR. WILLIAM H. WAHL, Secretary of the Franklin Institute, DR. GEORGE P. MERRILL, of the Department of Geology, Smithsonian Institution, DR. THOMAS EGLESTON, Professor of Mineralogy, School of Mines, are among the High Scientific Authorities, who commend

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Potsdam Red Sandstone Company,

POTSDAM, NEW YORK.

BUILDING INTELLIGENCE.

(Houses Continued.)

brick dwells, tin roofs; cost, \$3,500 each; owner and architect, Thomas H. Radcliffe, 846 Fulton St.

Madison St., n s, 300' e Reid Ave., two-sty brick dwell., tin roof; cost, \$4,000; owner and builder, J. H. Blood, 744 Madison St.; architect, H. Vollweiler, 483 Hart St.

Ainlee St., No. 156, four-sty brick dwell., tin roof; cost, \$15,000; owner, Mrs. Kate A. Wright, Park Hotel, New York City; architect, L. Berger, 110 Leonard St., New York City.

Macon St., n s, 291' w Ralph Ave., 2 two-and-one-half-sty brick dwells, tin roofs; cost, \$10,000; owner and architect, John R. Pitt, 297 Stuyvesant Ave.

Brooklyn Ave., n w cor. Bergen St., three-sty brick dwell., slate or tin roof; cost, \$11,000; owner, J. L. Snedcor, Bergen and Brooklyn Aves.; architect, H. B. Hill.

Powell St., w s, 100' s Livonia Ave., 7 two-sty frame dwells, tin roofs; cost, \$16,000; owner, Pauline Ratner, Rockaway Ave.; architect, Louis Dananher, 31 Watkins St.

Jefferson Ave., s s, 240' w Central Ave., two-sty frame dwell., tin roof; cost, \$3,000; owner and architect, Rev. F. Kurtz, 48 Weirfield St.

Macon St., n s, 202' w Ralph Ave., 5 two-sty brick dwells, tin roofs; cost, \$22,000; owner and architect, John R. Pitt, 297 Stuyvesant Ave.

Clymer St., n s, 18' e Wythe Ave., 3 four-sty brick dwells, tin roofs; cost, \$9,000 each; owner, Wm. Dick, 110 South Eighth St.; architect, W. H. Gaylor.

Cooper St., s s, 215' w Knickerbocker Ave., 5 two-sty frame dwells, tin roofs; cost, \$3,500 each; owner, Frank Robinson, Fulton St.; architect, E. Dennis, 115 Himrod St.

Chicago, Ill.—G. H. Stank, 2 three-sty dwells., 233-235 Herman St.; cost, \$15,000.

S. Frozen, two-sty dwell., 1020 North Robey St.; cost, \$4,000.

James Bacon, two-sty dwell., 371 Ninety-first St.; cost, \$3,000.

N. Lowe, two-sty dwell., 751-753 Fifty-fifth St.; cost, \$5,000.

Sam. Halls, 2 two-sty dwells., 1633-1635 West Adams St.; cost, \$15,000.

Frank Polack, two-sty dwell., 963 California Ave.; cost, \$3,500.

Cincinnati, O.—F. J. Jones, brick and stone dwell., n e Elm St.; cost, \$3,000; architects, S. Hannaford & Son.

Chas. Albert, owner and architect, two-and-one-half-sty brick and stone dwell., n s Pullen St.; cost, \$2,500.

Jacob Kalb, two-sty brick and stone dwell., s w Sedam St.; cost, \$3,000; architects, Frank & Koeselmer.

German Protestant Cemetery, two-sty brick and stone dwell., n s Church St.; cost, \$4,000; architect, J. J. Rueckert.

Charles Kingsbury, two-and-one-half-sty brick and stone dwell., s w Highland Ave.; cost, \$7,500; architect, S. S. Godey.

Mrs. Ridiman, two-sty brick and stone dwell. and store, McMicken Ave.; cost, \$4,400; architect, Wm. Miller, Jr.

Wm. De Witt, two-and-one-half-sty brick and stone dwell., s s Auburn Ave.; cost, \$9,000; architect, Paul Pope.

Louis Dickmeir, two-sty brick and stone dwell., e Elmore Ave.; cost, \$2,600; architect, Emil Baude.

H. H. Lippman, brick and stone dwell., Fourth and Park Sts.; cost, \$8,000; architect, J. G. Steinkamp.

Mrs. Eberhardt, two-and-one-half-sty brick and stone dwell., s e Ravill St.; cost, \$8,000; architect, E. F. Baude.

Mrs. Sauman, two-and-one-half-sty brick and stone dwell., 15 Mulberry St.; cost, \$3,500; architect, A. Brink.

S. C. Schreiber, two-and-one-half-sty brick and stone dwell., s w May St.; cost, \$4,000; architect, Benj. Evans.

Miller & Washburn, 3 two-sty frame dwells., s s Kentucky Ave.; cost, \$4,500; architects, Sam. Hannaford & Son.

E. T. Kleme, two-and-one-half-sty frame dwell., s w Melrose Ave.; cost, \$3,500; architect, W. C. Lawrence.

John Rogers Estate, two-sty frame dwell., s e Gilbert Ave.; cost, \$7,700; architects, Nash & Plympton.

Clearfield, Pa.—Several dwells.; owners, Reed & Eutla.

Collingswood, N. J.—Haddon Ave., cottage for John Hillman; builder, Patterson.

Detroit, Mich.—E. Garrett, two-sty frame dwell., 636 Trumbull Ave.; cost, \$6,500.

N. Flattery, double brick and frame dwell., Jefferson Ave.; cost, \$22,000; architect, Gordon W. Lloyd.

Cheviot & Esper, two frame dwells., 302 and 463 Meldrum Ave.; cost, \$4,000.

W. J. Colwell, three frame dwells., 729-731 Lincoln Ave.; cost, \$8,000.

W. B. O'Brien, double frame dwell., 215-217 Warren Ave.; cost, \$5,500.

Warren, Henwood & Brown, brick dwell., 394 Howard St.; cost, \$4,500.

Jas. M. Munroe, frame dwell., 831 Fourth Ave.; cost, \$3,600.

Geo. Leitch, frame dwell., 161 Forest Ave.; cost, \$3,000.

BUILDING INTELLIGENCE.

(Houses Continued.)

Spier & Rohms, stone dwell., 1190 Mt. Elliott Ave.; cost, \$7,500; also brick dwell., 230 Boulevard; cost, \$6,500.

Donaldson & Meier, brick dwell., 89 Ferry Ave.; cost, \$10,000.

C. A. Deane, double brick dwell., 57-59 Willis Ave.; cost, \$15,000.

J. M. Quiway, frame dwell., 257 Frederick St.; cost, \$3,200.

G. Vivier, brick dwell., 66 Erskine St.; cost, \$8,500.

M. A. Edwards, brick dwell., 35 Erskine St.; cost, \$6,500.

Jas. Crumley, double frame dwell., 572-574 Fourteenth Ave.; cost, \$4,200.

E. J. Beaton, two frame dwells., 496-498 Fourth Ave.; cost, \$6,000.

M. Blay & Son, two brick dwells., 20-22 Hancock Ave.; cost, \$15,000.

Rogers & McFarland, three brick dwells., 581-587 Woodward Ave.; cost, \$35,000.

Rogers & McFarland, brick dwell., 147 Park St.; cost, \$7,000.

J. S. Cartey, five frame cottages, 454, 460, etc., Volunteer St.; cost, \$5,000.

John R. Gentle, five frame dwells., 209, etc., Canfield Ave.; cost, \$12,000.

B. N. Bunting, three brick dwells., 38-42 Farnsworth St.; cost, \$18,000.

A. Grofield, four dwells. and three-sty brick store, 987-989 Michigan Ave.; cost, \$14,000.

Alex. Lemke, three-sty brick dwells. and store, 815-817 St. Aubine Ave.; cost, \$12,000.

Greenwich, Conn.—Frame dwell., 50' x 50'; owner, John Dayton; contract to be let; architects, Loring & Phipps, Boston.

Lakeville, Conn.—Two frame dwells., 30' x 40', for professors of Yale Preparatory School; contracts to be let; architects, Loring & Phipps, Boston.

Minneapolis, Minn.—Brick dwell., 722 East Seventeenth St.; cost, \$5,200; owner, D. K. Wagner.

Montreal, Can.—German St., six dwells.; owner, O. Lagace; architect, Theo. Daoust, 162 St. James St.

New York, N. Y.—Seventy-fifth St., n s, 300' w Columbus Ave., 5 four-sty brick dwells, tin roofs; cost, \$20,000; owners, Egan & Halley, 284 Columbus Ave.; architects, Neville & Bagge, 217 West One Hundred and Twenty-fifth St.

One Hundred and Third St., n e cor. Riverside Drive, three-sty brick dwell., tin roof; cost, \$35,000; owner, Emil Thiele, 78 William St.; architects, George Edw. Harding & Good, 40 Exchange Pl.

Seventy-first St., s s, 100' w West End Ave., 7 three-sty brick dwells, tin roofs; cost, \$175,000; owner, John Kehoe, 225 East Eighteenth St.; architect, John C. Burne, 101 West Forty-second St.

One Hundred and Twenty-eighth St., s s, 300' e Seventh Ave., 10 three-sty brick dwells, tin roofs; cost, \$90,000; owner, John M. Williams, Greenwich, Conn.; architect, John E. Darragh, 143 West One Hundred and Fifth St.

Malcolm St., s s, 155' e Sedgwick Ave., two-sty brick and frame dwell., tin roof; cost, \$4,000; owner, Francis M. Conley, 745 Columbus Ave.; architect, Julius Munkowitz, 274 West One Hundred and Twenty-fifth St.

Third Ave., n s, 93' n One Hundred and Sixty-fifth St., two-sty brick and frame dwell., tar and gravel roof; cost, \$4,000; owner, George Shepherd, 322 West Twenty-second St.; architects, Van Auker & Forbes, 114 Fifth Ave.

Jennings St., s s, 175' e Union Ave., three-sty brick and frame dwell., tin roof; cost, \$3,750; owner, James C. McCarthy, 23 Scammon St.; architects, Wright & Pragnell, Jennings St.

East Sixty-fourth St., No. 6, five-sty brick dwell., tin roof; cost, \$60,000; owner, James W. Alexander, 10 West Forty-third St.; architect, R. H. Robertson, 160 Fifth Ave.

One Hundred and Sixteenth St., n s, 45' Eighth Ave., 3 five-sty brick dwells, tin roofs; cost, \$81,000; owner, Edward Nicholson, 380 St. Nicholas Ave.; architect, J. Avert Webster, 217 West One Hundred and Twenty-fifth St.

One Hundred and Thirtieth St., s s, 137' e Eighth Ave., 8 three-sty brick dwells, tin roofs; cost, \$96,000; owner, Edward J. Nellis, 245 West One Hundred and Twenty-fifth St.; architects, Neville & Bagge, 217 West One Hundred and Twenty-fifth St.

Daily Ave., w s, 195' s Samuel St., three-sty brick and frame dwell., peak shingle roof; cost, \$3,500; owner, Christian Hopper, 177 Courtland Ave.; architect, C. F. Lohse, 3014 Third Ave.

Courtland Ave., w s, 143' e One Hundred and Fifty-seventh St., three-sty brick and frame dwell., tin roof; cost, \$5,000; owner, Henry C. Schaefer, 763 Courtland Ave.; architect, Gustav Schwarz, 554 East One Hundred and Fifty-eighth St.

Sidney St., s s, 61' 9" e Westchester Ave., three-sty brick and frame dwell., peak shingle roof; cost, \$9,000; owner, Hannah B. Williams, 1028 West Boulevard; architect, Charles Sidney, 217 West One Hundred and Twenty-fifth St.

One Hundred and Twentieth St., n w cor. Mount Morris Ave., 7 four-sty brick dwells, tin roofs; cost, \$175,000; owner, Thomas Kilpatrick, 75 West Ninety-fourth St.; architect, G. A. Schellinger, 128 Broadway.

Seventy-fifth St., n s, 300' w Columbus Ave., 5 four-sty brick dwells, tin roofs; cost, \$100,000; owners, Egan & Halley, 284 Columbus Ave.; architects, Neville & Bagge, 217 West One Hundred and Twenty-fifth St.

BUILDING INTELLIGENCE.

(Houses Continued.)

Briggs Ave., e s, 145' n Southern Boulevard, three-sty brick and frame dwell., peaked tin and shingle roof; cost, \$6,000; owner, Nellie B. Miller, Briggs Ave., Bedford Park; architects, A. B. Ogden & Son, 1031 Madison Ave.

Philadelphia, Pa.—Springfield Ave., No. 4526, dwell.; architect, Robert K. Marple, 708 Walnut St.

Spruce St., bet. Twenty-third and Twenty-fourth Sts., 16 buff brick and stone dwells.; architect, Robert K. Marple, 708 Walnut St.; builder, Thomas H. Parks.

Eaglesfield St., s s, w Forty-first St., 11 three-sty brick dwells.; owner, Wm. McCarter, 1400 South Twenty-second St.

Tioga St., n w cor. Second St., 2 three-sty brick dwells.; builder, Henry Brocklehurst, 514 Morris St.

Clearfield St., s s, w Thompson St., nine brick dwells.; owner, Elwood Allen, s w cor. York and Richmond Sts.

Chelten Ave. and Oak Lane, three-sty brick dwell.; owner, Mrs. E. E. Kellogg, Jenkintown.

Peach St., w s, bet. Lansdowne and Media Sts., two-sty brick dwell.; owner, Robert G. Black, s w cor. Race and Sixty-third Sts.

Thirty-first St., e s, n Montgomery Ave., 17 three-sty brick dwells.; owner, Harvey S. Warfield, 1807 North Twenty-second St.

Hope St., No. 2118, two-sty brick dwell.; builder, W. E. Buckley, 130 East Huntingdon St.

Forty-fourth St., e s, s Aspen St., 11 three-sty brick dwells.; builder, Thomas C. Sloan, 51 North Fortieth St.

Regent St., s s, w Forty-eighth St., three-sty brick dwell.; builder, Jas. D. Arthur, 223 Levant St.

Hall St., No. 1735, three-sty brick dwell.; builders, John Kramer & Son, 1314 North Front St.

Hanover St., n s, e Girard Ave., two-sty brick dwell.; builder, Thomas Noble, 1819 Tulip St.

Rush St., n and s s, w D St., 26 two-sty brick dwells.; builder, Jacob Marsch, Fifth St. and Rising Sun Lane.

Sixth St., w s, s Diamond St., 2 three-sty brick dwells.; builders, Dickson Bros., 345 Frankford Ave.

Willow St., w s, s Wakeling St., three-sty brick dwell.; builders, Osborn Bros., 5019 Willow St.

Kensington St., s w cor. Cambria St., 6 three-sty brick dwells.; builder, H. P. Castor, 5811 Torresdale Ave.

Springfield Ave. and Forty-seventh St., three-sty brick dwell.; owner, James Doyle, 878 North Forty-sixth St.

Mantua St., n s, e Forty-second St., 5 three-sty brick dwells.; owner, John W. De Long, 36 North Fortieth St.

Pepper St., s s, w Wreken St., 10 two-sty brick dwells.; owner, Edwin S. Radley, 2404 Frankford Ave.

Benner St., s s, e Hagerman, three-sty dwell.; builders, Roberts Bros. Co., 3515 Vankirk St.

Fitzwater St., s e cor. Twenty-second St., three-sty brick dwell.; builder, Wm. Christy, 1606 Wharfton St.

Oregon Ave., No. 2532, two-sty brick dwell.; owner, Isaac M. Hayter, 2530 Stone House Lane.

Citron St., n s, w Eleventh St., 3 two-sty brick dwells.; builder, H. J. Bleyler, 1328 Olive St.

Fifty-fourth St., e s, s Lancaster Ave., 3 three-sty brick dwells.; owner, J. W. Cornell, 1640 North Tenth St.

Third St., w s, s Bainbridge St., four-sty dwell. and store; builder, Andrew White, 321 Griscom St.

Spruce St., s s, e Forty-first St., 4 three-sty brick dwells.; owner, Wm. S. Kimball, 404 South Forty-second St.

Keystone St., w s, s Unruh St., 3 two-sty brick dwells.; builder, P. E. Costello, Tacony.

Pittsburgh, Pa.—Frame dwell.; owner, J. S. Bailey.

Fifth Ave., near Morewood Ave., dwell.; cost, about \$40,000; owners, A. & S. Wilson.

South Highland Ave., dwell.; owner, James Kuntz, Jr.

Dwell.; owner, W. H. Hoffman.

Rutherford, N. J.—Two-and-one-half-sty dwell.; owner, J. H. H. Van Horton; architect, John R. Huchman, 96 Fifth Ave., New York.

Somerville, Mass.—Tennyson St., frame dwell.; owner, Hattie E. Hopkins; builder, David Zuili.

Manfield St., frame dwell.; owner, Patrick Malahan; builder, Sylvester Woods.

Rush St., frame dwell.; owner, M. Condon; builder, Sylvester Woods.

Francesca Ave., frame dwell.; owner, Freeman B. Horsman; builder, Edward F. Pailer.

Ashtand St., frame dwell.; owner and builder, J. W. Connor.

Walnut St., cor. Boston St., frame dwell.; owner, Sarah Ames; builder, C. A. Slager.

School St., near Berkeley St., frame dwell.; owner, John Canavan; builders, Sheriffs & Grant.

Aron St., near School St., frame dwell.; owner, James Morrison; builder, Arthur W. Berry.

Medford St., near Somerville Ave., frame dwell.; owner, Michael Roe.

Highland Ave., cor. Walnut St., frame dwell.; owner, Dr. A. H. Carvill; builder, T. F. Farrington.

St. Louis, Mo.—Two-sty dwell.; s s Page Ave., bet. Whittier and Pendleton Sts.; cost, 7,000; owner, J. M. Grant; contractors, Nicholson Bros.

Two-sty dwell., n s Page Ave., bet. Vandeventer

(Houses Continued.)

and Prairie Aves.; cost, \$4,500; owners and contractors, Nicholson Bros.

Two-sty dwell., n s Shenandoah St., bet. Compton and Louisiana Aves.; cost, \$4,900; owner, Louis Gutfreund; contractors, Paul and Bissier.

Two-and-one-half-sty dwell., e s Oregon St., bet. Arsenal and Juniata Sts.; cost, \$3,500; owner, Jos. Gath; contractor, G. Fegert.

Washington Terrace, G. M. Entrance to Union Boulevard; cost, \$10,000; owners and contractors, Bell, Fl. Realty Co.

Four-sty dwell., e s Eleventh St., bet. Franklin Ave. and Morgan St.; cost, \$15,000; owners, Aug. Rupschlagar & Bro.; contractor, F. W. Bruegemann.

Two-sty dwell., n s West Pine St., w Boyle Ave.; cost, \$8,000; owner, F. B. Parsons; contractors, Boethe & Rottermann.

Two-sty dwell., s s Shenandoah St., bet. Grand and Cabanne Sts.; cost, \$9,000; owner, Joseph Freeman; contractors, F. H. Gray & Bro.

Two-sty dwell., e s Iowa Pottersville Ave.; cost, \$5,900; owner, E. Drozda; contractor, J. Mathiason.

Two-sty dwell., n s Labadie St., bet. Taylor and Marcus Aves.; cost, \$6,000; owner, H. W. Geary; contractors, Graham & Meier.

Two-sty dwell., e s Seventh St., bet. Hickory and Rutgers Sts.; cost, \$4,500; owner, Conrad Lawrer; contractors, Meier & Nieng.

Summit, N. J.—Frame dwell.; owner, Charles A. Munger; architect, W. Frank Boner, Newark.

Worcester, Mass.—Fairmount St., two-sty frame dwell.; owner, Mrs. O. Forgues; contractors, Sharon & Rochefort; architects, George & J. P. Kingstons.

Lowell St., two-sty frame dwell.; owner and contractor, E. G. Bickford.

Millbury St., three-sty frame dwell.; owner, J. Wagoner; contractor, J. Clemens.

Millbury St., three-sty frame dwell.; owner, G. W. Reeves; contractor, L. M. Potterson.

Beckman St., two-and-one-half-sty frame dwell.; owner, J. Lindberg; contractors, Setter & Hjelm.

Lafayette St., three-sty frame dwell.; owner, Mrs. M. Carnes; contractor, Thomas Deon.

Grant St., one-and-one-half-sty frame dwell.; owner, J. H. Walker; contractor, J. A. Courtmanche; architect, George H. Clemence.

Vernon St., three-sty frame dwell.; owner, A. Wallstein; contractor, J. A. Courtmanche; architect, George H. Clemence.

Reeves St., two-and-one-half-sty frame dwell.; owner, J. Janson; contractors, Nilson & Silven.

Reeves St., two-and-one-half-sty frame dwell.; owner, C. Firine; contractors, Nilson & Silven.

Reeves St., two-and-one-half-sty frame dwell.; owner, A. Larson; contractors, Nilson & Silven.

Webster St., three-sty frame dwell.; owner, Marcus Miner; contractor, J. A. Larkham.

Mazwell St., three-sty frame dwell.; owner, Mrs. John Murray; day-work.

Dorrance St., three-sty frame dwell.; owner, M. McTighe; contractor, E. B. Rogers; architect, W. H. Harvey.

OFFICE-BUILDINGS.

Detroit, Mich.—M. Blay & Son, brick office-building, 60 West Congress St.; cost, \$8,000.

Minneapolis, Minn.—Brick office-buildings, 8-12 Fourth St., n; cost, \$100,000; owner, C. J. Goodrich; architects, Long & Lees.

Montreal, Can.—Craig St., office-building; owners, Montreal Street Railway Co.; architects, J. W. & E. C. Hopkins, 145 St. James St.

New York, N. Y.—One Hundred and Twenty-fifth St., n e cor. Lexington Ave., six-sty brick office, peaked tin roof; cost, \$80,000; owner, Twelfth Ward Bank, East One Hundred and Twenty-fifth St.; architect, George S. Drew, Jr., 217 West One Hundred and Twenty-fifth St.

Philadelphia, Pa.—Thirtieth St., e s, one-sty brick office-building; owners, W. C. Kirk & Co., Thirtieth St., s Chestnut St.

South Sixteenth St., No. 722, two-sty brick office; builder, Amos Supple, 926 South Twelfth St.

Russell St., n s e Bath St., one-sty brick office-building; owner, Theo. Berg, Russell and Bath Sts.

Pittsburgh, Pa.—Twelve-sty office-building; owner, D. E. Park.

PUBLIC BUILDINGS.

Texarkana, Ark.—Miller County will build a courthouse of pressed-brick and stone, to cost about \$40,000.

SCHOOL-HOUSES.

Chicago, Ill.—Board of Education, three-sty school-house; 5621-5645 Kimbark Ave.; cost, \$14,000.

Graesbeck, Texas.—The city will build school-house, to cost about \$10,000.

Greenville, Tenn.—School-house, to cost about \$12,000, will be built.

Hingham Centre, Mass.—Frame school-house, six rooms, 60' x 100'; contract to be let; architects, Loring & Phipps, Boston.

STABLES.

Boston, Mass.—Tappan St., rear, near South St., Ward 23, one-sty frame stable, pitch roof, 18' x 28'; owner and builder, J. H. Bogert.

Brooklyn, N. Y.—Madison St., n s, 100' e Stuyvesant Ave., three-sty brick stable, gravel roof; cost, \$8,000; owner, H. F. Burroughs, Kent Ave. and Hewes St.; architect, S. Peden, 135 Vernon Ave.

Camden, N. J.—Bridge Ave., No. 559, two-sty brick stable; Chas. Johnson.

Ferry Ave. and Master St., one-sty frame stable; owner, J. S. Chester.

Chicago, Ill.—North Chicago Street R. Co., one-sty barn, 1005-1011 Graceland Ave.; cost, \$8,500.

New York, N. Y.—Ninety-first St., n s 100' e West End Ave., three-sty brick stable, tin roof; cost, \$7,000; owner, Frank L. Fisher, 421 West End Ave.; architect, G. F. Pelham, 1481 Broadway.

Philadelphia, Pa.—Huntingdon St., n w cor. Bradock St., brick stable; builders, McCartney & Oler, 2355 East Dauphin St.

Price St., No. 136, two-sty brick stable; Ross R. Sheppard, 136 Price St.

Upal St., s e, w Jefferson St., two-sty brick stable; builder, Howard Rue, 5259 Adams St.

School Lane and Township Line, two-sty brick stable; builders, Ralph & Gregg, 1233 Olive St.

Sedgwick St., s e s bet. Main and Chew Sts., one-sty brick stable; builder, Geo. Hearst, 437 School Lane.



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BUILDING INTELLIGENCE.

(Stables Continued.)

Worcester, Mass.—Wingfield St., two-sty frame stable; owner, Mrs. Rosanna Butler; day work.

Cedar St., two-sty frame stable; owner, W. H. Burns; contractor, H. W. Eddy; architects, Fuller & Delano.

Oliver St., one-and-one-half-sty frame stable; owner, H. M. Couture; contractor, A. I. Fortier.

STORES.

Boston, Mass.—Washington St., Water St., Devonshire St. and Spring Lane, Ward 10, nine-sty brick and stone stores and offices, flat roof, 30.8' x 175'; owner, C. H. Blackall; builders, Woodbury & Leighton.

Brooklyn, N. Y.—Metropolitan Ave., n s, 150' e Catharine St., three-sty frame store and dwell., tin roof; cost, \$5,500; owner, Chas. Graham, 118 Metropolitan Ave.; builders, John Reuger Building Co., 250 Moore St.

Sixth Ave., s e cor. Fourth St., 5 four-sty brick stores and dwells., tin roof; total cost, \$34,000; owner and builder, Louis Bonnet, on premises; architect, W. M. Coots, 189 Montague St.

Broadway, w s, 38' s Sumpter St., 2 five-sty brick stores and dwells., tin roofs; total cost, \$10,000; owner and builder, G. R. Brown, 26 Court St.; architect, H. Vollweiler, 483 Hart St.

Hicks St., w s, 20' s Harrison St., four-sty brick store and dwell., gravel roof; cost, \$16,000; owner, Chas. C. Carnavale, 1009 Putnam Ave.; architect, George L. Morse, Eagle Building.

De Kalb Ave., n s, 105' w Tompkins Ave., four-sty brick store and dwell., tin roof; cost, \$22,000; owner, A. Tanqueray, 751 De Kalb Ave.; architect and builder, S. M. Randall, 154 Manhattan Ave.

Chicago, Ill.—William Wilkinson, two-sty store and flats, 6101 Morgan St.; cost, \$4,500.

George Byrne, 2 three-sty stores and flats, 522-524 Sixty-third St.; cost, \$12,000.

F. M. Shrieber, 2 three-sty stores and flats, 120-122 Seminary Ave.; cost, \$12,000.

J. Baumgarth, four-sty store and flats, 574-578 Western Ave.; cost, \$13,000.

J. F. Darman, three-sty store and flats, 971 West Twenty-second St.; cost, \$7,500.

Charles Kindt, two-sty store and flats, 1002 West Twenty-first St.; cost, \$7,000.

Anton Binsar, 2 two-sty stores and flats, 3901-3903 Carpenter St.; cost, \$3,000.

Ignatius Polilonski, three-sty store and flats, 562 Noble St.; cost, \$9,000.

W. A. Bond & Co., three-sty store and flats, 544 Thirty-first St.; cost, \$7,500.

Gustav Goettin, four-sty store and flats, 226 E. North Ave.; cost, \$7,000.

James Sullivan, two-sty store and flats, 3758 Butler St.; cost, \$6,000.

Charles Cohrs, three-sty store and flats, 593 Wood St.; cost, \$6,200.

Henry March, three-sty store and dwell., 74 Center St.; cost, \$7,000.

Cincinnati, O.—C. H. Domhoff, three-sty brick and stone flats, n w Chase Ave.; cost, \$37,000; architect, W. W. Franklin.

Henry Brockhorst, n w Hackberry St., three-and-one-half-sty brick and stone store and dwell., and one-and-one-half-sty brick and stone stable; cost, \$8,000; architect, A. Brink.

T. J. & J. J. Emery, four-sty brick and stone stores and flats, s e Gilbert Ave.; cost, \$5,000; architect, J. G. Steinkamp.

Nord. Cin. Turn Verein, three-and-one-half-sty brick and stone stores and dwell., s e Vine St.; cost, \$35,000; architects, Reig & Marty.

W. C. Bare, five-and-one-half-sty brick and stone store, etc., s w Walnut St.; cost, \$25,000; architects, Samuel Hannaford & Son.

B. Doppis, two-and-one-half-sty brick and stone store and dwell., s w Powers St.; cost, \$3,000; architect, M. Fisher.

T. Felse, three-sty brick and stone stores and flats, 379 Sixth St.; cost, \$10,000; architect, E. Schlochte Meyer.

Keene, N. H.—Main St. and Railroad Sq., four-sty brick stores, offices and office of the Keene Sentinel, 55' x 80', flat roof; Ohio sandstone trimmings; E. F. Lane is superintendent of construction; architects, Lewis & Paine, Boston.

New York, N. Y.—West St., n e cor. Light St.,

BUILDING INTELLIGENCE.

(Stores Continued.)

six-sty brick store, tin roof; cost, \$65,000; owner, Morris S. Hermann, 290 West St.; architect, Franklin Baylies, 51 and 52 Bible House.

First Ave., Nos. 674-676, two-sty brick store, felt and gravel roof; cost, \$4,000; owner, Edward McCluskey, 247 East Thirty-ninth St.; architects, Pfund & Horenburger, 682-686 East One Hundred and Fifty-ninth St.

Wooster St., No. 135, six-sty brick store, tin roof; cost, \$35,000; owners, Morris and Isaac Feigel, 22 West Ninety-fourth St.; architects, Buchman & Deisler, 3 West Twenty-ninth St.

Broadway, n w cor. West Fourth St., nine-sty brick store, gravel roof; cost, \$225,000; owner, Jeremiah C. Lyons, 67 East One Hundred and Twenty-ninth St.; architects, Buchman & Deisler, 8 West Twenty-ninth St.

West Twenty-second St., Nos. 53-59, ten-sty brick store, gravel roof; cost, \$275,000; owner, James McCreery, Inwood, N. Y.; architect, Alfred Zucker, Union Square, Lincoln Building.

First Ave., Nos. 674-676, two-sty brick store, felt and gravel roof; owner, Edward McCluskey, 247 East Thirty-ninth St.; architect, Pfund & Horenburger, 682-686 East One Hundred and Fifty-ninth St.

Twenty-second St., Nos. 53-59, ten-sty brick store, gravel roof; owner, James McCreery, Inwood, N. Y.; architect, Alfred Zucker, Lincoln Building, Union Square.

Mercer St., No. 218, six-sty brick store building, tin roof; cost, \$70,000; owner, Charles H. Coutoit, 728 Fifth St.; architects, Hayibah M. Smith & Son, 34-38 Watts St.

Philadelphia, Pa.—Somerset St., s e cor. Walker St., two-sty brick store; builder, John McCloskey, 2668 Moore St.

York Pike, e s, s Oak Lane, one-sty brick stable; builder, J. M. Hastings, Pittsboro.

St. Louis, Mo.—Store and flat, s e cor. Eleventh St. and Lafayette Ave.; cost, \$8,500; owner, E. S. Raband; contractor, Hall.

Three-sty store and dwell., e s California St., bet. Gravois Ave. and Restolozzi St.; cost, \$5,400; owner, Geo. Enger; contractor, Franz Mueller.

Two-sty store and stable, n e cor. North Market St. and Coleman Ave.; cost, \$10,000; owner, A. L. Metern; contractor, W. V. Darrow.

Four-sty brick store, s s Franklin St., bet. Sixth and Seventh Sts.; cost, \$20,000; owner, A. Moll; contractors, B. Weber & Son.

Two-and-one-half-sty brick store and dwell., s e cor. St. Ange and Hickory Sts.; cost, \$7,500; owner, R. Wintermann; contractors, Wm. Riewe & Son.

Two-sty brick store and dwell., n s Easton St., w Sarah St.; cost, \$4,000; owner, A. Kling; contractor, H. Rollins.

Two-sty store and dwell., e s Twenty-second St., bet. Angleroot and Salisbury Sts.; cost, \$4,200; owner, Philip Freese; contractor, John Anger.

TENEMENT-HOUSES.

Boston, Mass.—Harrison Ave., near Renfrew St., Ward 20, 3 four-sty brick tenements, flat roofs, 22' x 50'; owner and builder, Albion Johnson.

Dudley St., Nos. 572-578, Ward 20, 4 four-sty brick tenements, flat roofs, 24' x 55.6'; owner and builder, F. O. Marshall.

Dudley St., Nos. 722-726, Ward 20, 3 four-sty brick tenements, flat roofs, 28' x 48'; owner, William Codman; builder, P. B. Watson.

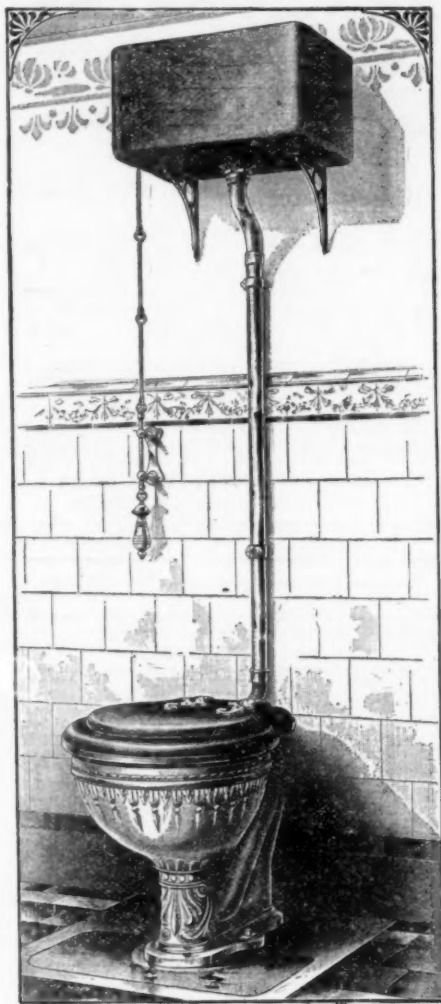
Causeway St., No. 291, cor. Prince St., Ward 7, four-sty brick tenements, flat roof, 30' x 44'; owners, M. J. Lurie and Dolia Pinanski.

Meridian St., near Schiller St., Ward 22, 2 three-sty frame tenements, flat roofs, 20' x 50'; owner, J. J. Hall; builders, E. D. Ward & Co.

Sheafe St., No. 10, Ward 6, four-sty brick tenement, flat roof, 21' x 47'; owner, N. Tinklesstein; builder, A. Bartkrotsky.

New York, N. Y.—St. Ann's Ave., e s, 246' s Westchester Ave., four-sty brick tenement, tin roof; cost, \$11,000; owner, John Menches, 2931 Third Ave.; architect, Gustave Schwarz, 554 East One Hundred and Fifty-eighth St.

St. Louis, Mo.—Two-sty tenement-house, s s Mulanpy St., bet. Twentieth and Twenty-second Sts.; cost, \$7,000; owner, F. Ewertowski; contractor, Stock.



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THE "PERFECTO" SEAT.

(Patent applied for.)

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THE "PRIMO" with our new "PERFECTO" Seat represents, in the fullest sense of the term, an "All-Open" Water-Closet. By a simple and effective method the Seat is secured directly to the Closet, thus avoiding the labor and expense of fitting, adjusting and attaching the Seat to the wall by means of brackets or arms, which is particularly objectionable when the wall is of tile, marble or plaster. A most important feature is the complete accessibility of the space back of the Closet so that it can readily be kept clean.

To the sanitary and mechanical advantages of the "PERFECTO" Seat must be added that of its artistic appearance; in this respect it marks a distinct improvement over Closets which have heretofore been made with the Seat the same size and shape as the bowl, the effect of which is most unsatisfactory and but little removed from that of an ordinary Hopper Closet.

BUILDING INTELLIGENCE.

WAREHOUSES.

Baltimore, Md.—John Hoos will build four-sty brick warehouse, w s Hanover St. s Camden St. J. Reardon & Co. will build 2 three-sty brick buildings, n s Fayette St., bet. Charles and St. Paul Sts.
G. F. & E. C. Swift will build four-sty brick warehouse, 405-407 Camden St., bet. Eutaw and Paca Sts.
Philadelphia, Pa.—Cherry St., s s, w Third St., four-sty brick warehouse; builders, William C. McPherson & Sons, 325 Cherry St.
Filbert St., e Ninth St., six-sty brick warehouse; owners, Charles C. Harrison & Co.; builders, Samuel Hart & Son.
Berks St., n s, e Marshall St., four-sty brick warehouse; owner, J. C. Claudor.
St. Louis, Mo.—Warehouse, Marion and Baden Sts.; cost, \$15,000; owners, Ravenwood Distillery Co.; contractor, Stewart.

MISCELLANEOUS.

Baltimore, Md.—The Sisters of St. Francis will build three-sty brick building, s w cor. Maryland Ave. and Twenty-third St.
Boston, Mass.—Farnsworth St., rear engine-house, Ward 13, five-sty brick storage, flat roof, 79' x 100'; owners, Boston Wharf Co.
Brooklyn, N. Y.—North Tenth St., s s, 100' w Berry St., one-sty brick japanery, felt and gravel roof; cost, \$12,000; owners, The Tuttle & Bailey Mfg. Co., 35 North Tenth St.; architect, A. Namm, 35 Broadway, New York City.
Jamaica Ave., s s, 75' w Richmond St., two-sty brick machine-shop, gravel roof; cost, \$8,000; owners, Viellard & Oswald, 9 Chestnut St.; architect, Chas. Infanger, Van Stien and Atlantic Aves.
Camden, N. J.—Ship-yard; owner, M. P. Howlet.
Chicago, Ill.—Val. Mueller, three-sty packing house, 502-504 Larrabee St.; cost, \$20,000.
H. S. Blakeslee, two-sty storage house, 2941 La Salle St.; cost, \$3,000.
Washington Park Club, shelter-shed, Cottage Grove Ave. and Sixty-third St.; cost, \$8,000.
Board of Education, brick boiler-house, Throop and Nineteenth Sts.; cost, \$2,000.
Board of Education, brick boiler-house, 250 Centre St.; cost, \$2,000.
Smith & Barnes, brick dry-kiln, 415-421 Clybourne Ave.; cost, \$2,200.
Cincinnati, O.—W. S. Merrill Co., two and three sty brick and stone chemical house, Fifth and Butler Sts.; cost, \$30,000; architect, H. C. Siter.
Collingswood, N. J.—Greenhouse; owner, John Esher.
Detroit, Mich.—A. Allbright, four-sty brick manufactory for Diamond Match Co., Eighth and River Sts.; cost, \$25,000; architect, Gordon W. Lloyd.
A. Allbright, for Diamond Match Co., four-sty brick manufactory, Eighth St.; cost, \$20,000; architect, Gordon W. Lloyd.
Morton Baking Co., brick bakery, 42-46 Plum St.; cost, \$7,000.
Lakeville, Conn.—Buff brick dormitory, 46' x 164',

BUILDING INTELLIGENCE.

(Miscellaneous Continued.)

for Yale Preparatory School; contract to be let; architects, Loring & Phipps, Boston.
Lancaster, Pa.—Building for the new Reformed Theological Seminary; builder, John Evans.
New Orleans, La.—The Knights of Pythias will build a hall to cost about \$25,000.
The New Orleans Traction Co. will build an iron car house to cost \$50,000.
New York, N. Y.—Attorney St., No. 93, six-sty brick workshop, tin roof; cost, \$16,000; owner, Arnold Pfennig, 289 East Tenth St.; architect, Charles Rentz, 153 Fourth Ave.
Bowery, Nos. 128-130, brick and stone bank building, peak, iron and tile roof; cost, \$400,000; owner, Bowery Savings Bank, 63 East Fifty-fourth St.; architects, McKim, Mead & White, 1 West Twentieth St.
Philadelphia, Pa.—North Second St., No. 1958, three-sty brick storehouse; builder, Robert Craig, 103 Oxford St.
Kennedy St., No. 2228, two-sty brick shop; owner, Wm. Myres, 2228 Kennedy St.
Christian St., n s, w Twentieth St., four-sty brick and stone convent; for the Roman Catholic Church of St. Charles Borromeo; builders, Edward Delany & Sons.
Providence, R. I.—One-sty brick electric car station, cor. Pawtucket Ave. and White St.; cost, \$18,000; owner, Union Railroad Co.; builders, Hathaway & Douglas.
One-sty brick electric car station, w s Bucklin St., near Earl St.; cost, \$8,000; owners and builders, Union Railroad Co.
One-sty brick building, e s Eddy St., bet. Point and Manchester Sts.; cost, \$50,000; for the Union Railroad electric power station; builders, Cutting & Bishop; architects, F. P. Sheldon & Co.
Ontario St., s s, bet. Hamilton and Melrose Sts., two-and-one-half-sty frame building; cost, \$3,800; owner, Jos. Baker, Jr.; builder, John K. Harris.
Bridgman St., No. 109, two-and-one-half-sty frame building; cost, \$3,500; owner, E. W. Remington.
Renova, Pa.—Opera-house; architect, Wise.
Soudertown, Pa.—Business building; owner, J. M. Landis & Co.
St. Louis, Mo.—Grain elevator, Theresa St. and Wabash Railroad; cost, \$15,000; owner and contractor, H. S. Soter.
Three-sty building, e s Sulphur St., bet. Willson St. and Pacific Railroad; cost, \$5,000; owner and contractor, Laclede Fire Brick Co.
Torresdale, Pa.—Three-sty brown sandstone building, plate roof, for Eden Hall Academy; architect, H. A. Roby, Lebanon, Pa.
Taunton, Mass.—Main St., Odd Fellows' Building; buff brick and stone trimmings; four stories, flat roof, 60' x 120'; hall on third floor; banquet-hall in basement; architect, J. Merrill Brown, Boston.
Worcester, Mass.—Gardner St., two-sty brick and frame warp mill; owner, Chas. Green; contractors, W. F. Dearborn & Son; architects, E. Boyden & Son.

BUILDING INTELLIGENCE.

(Miscellaneous Continued.)

Park Ave., two-sty frame shop; owner and contractor, C. A. King.
Condon St., two-sty frame storehouse; owner and contractor, P. H. Larkin.
Worcester, Mass.—Pleasant St., one-sty frame shop; owner, L. Hopkins; day-work.
Mill St., one-and-one-half-sty frame shop; owner, George S. Bliss; contractor, O. C. Ward.

PROPOSALS.

Treasury Department, Office Supervising Architect, Washington, D. C., June 16, 1893. Sealed proposals will be received at this office until 2 o'clock P. M. on the 12th day of July, 1893, and opened immediately thereafter, for all the labor and materials required for the interior finish and plumbing of the United States Court-house and Post-office at Springfield, Mo., in accordance with drawings and specification, copies of which may be had at this office or the office of the Superintendent at Springfield, Mo. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any and all bids, and to waive any defect or informality in any bid, should it be deemed in the interest of the Government to do so. All bids received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Interior Finish and Plumbing of the United States Court-house and Post-office at Springfield, Mo.," and addressed to JEREMIAH O'ROURKE, Supervising Architect. 914

Treasury Department, Office Supervising Architect, Washington, D. C., June 6, 1893. Sealed proposals will be received at this office until 2 o'clock P. M. on the 29th day of June, 1893, and opened immediately thereafter, for all the labor and materials required for the plumbing and gas-piping for the United States Post-office building at Ashland, Wis., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Ashland, Wis. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids, and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All bids received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes, sealed, and marked "Proposal for Plumbing and Gas-piping of the United States Post-office building at Ashland, Wis.," and addressed to JEREMIAH O'ROURKE, Supervising Architect. 913

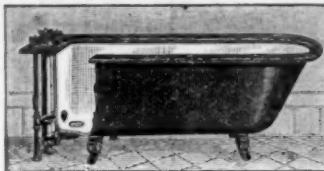
United States Engineer Office, Mobile, Ala., June 10, 1893. Sealed proposals for improvement of Mobile Harbor, Ala., dredging in Mobile River, Ala., will be received at this office until 12 M. July 11, 1893, and then publicly opened. Specifications, blank forms and all available information will be furnished on application to this office. A. N. DAMRELL, Major of Engineers, U. S. A. 915

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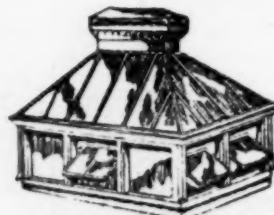
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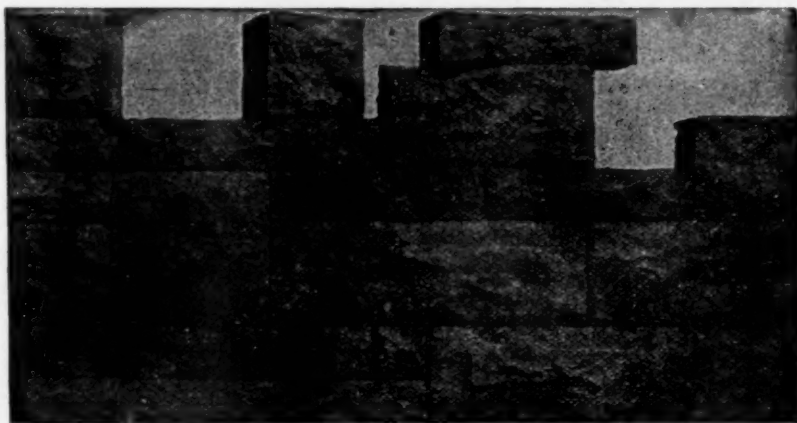
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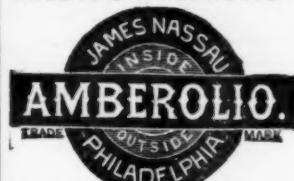
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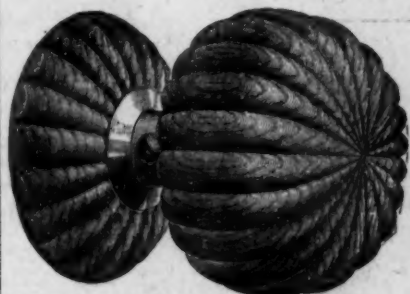
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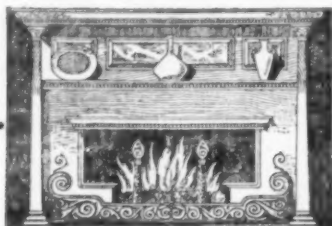
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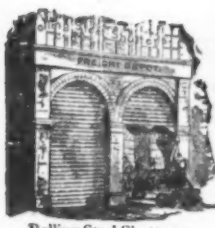
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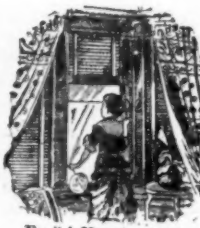
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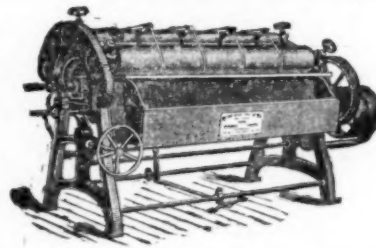
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