



# THE SOUTHERN ARCHITECT

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AMERICAN INSTITUTE OF ARCHITECTS

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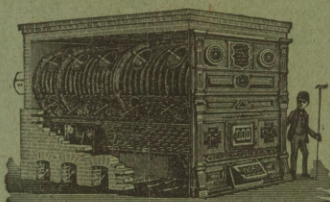
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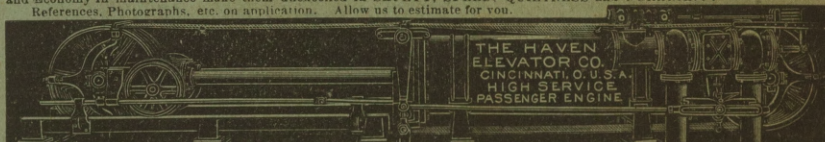
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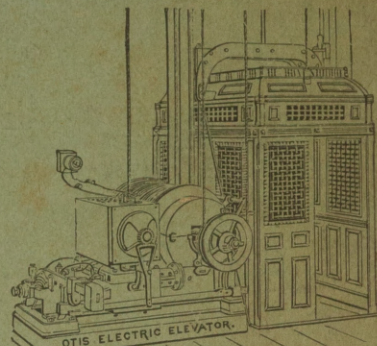
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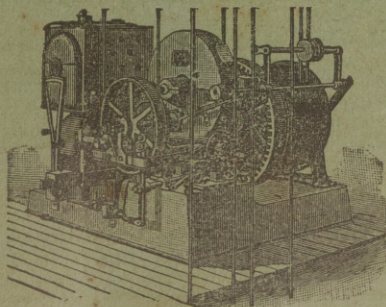
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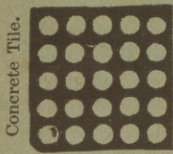
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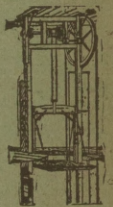
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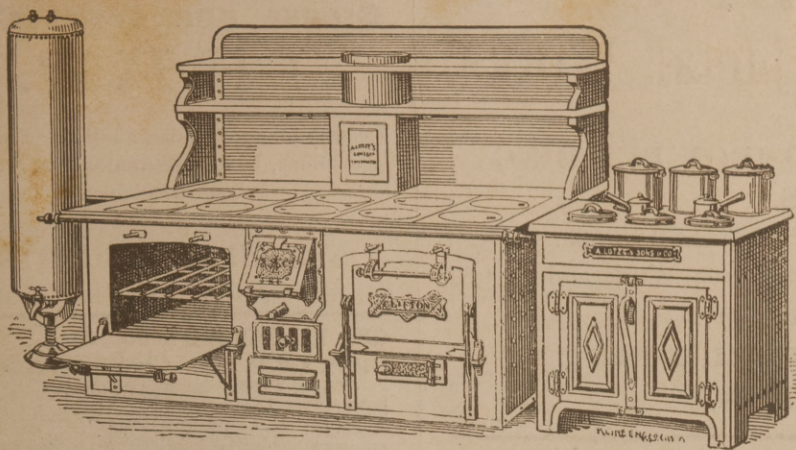
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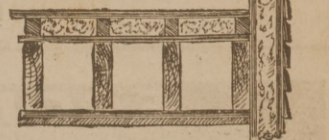
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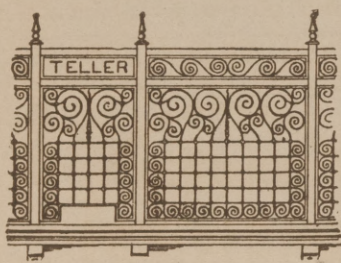
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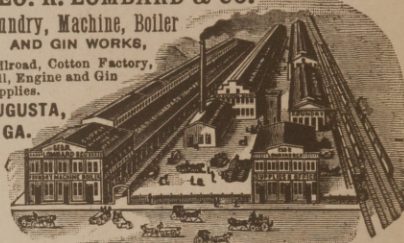
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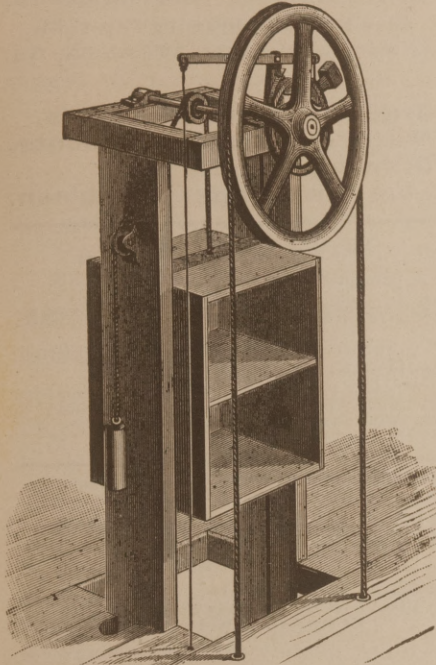
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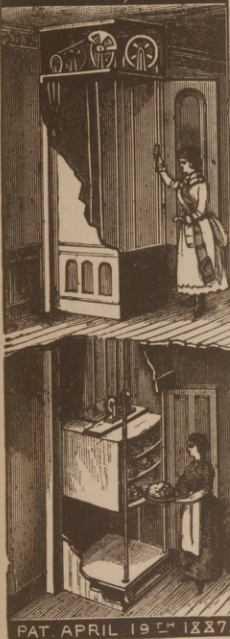
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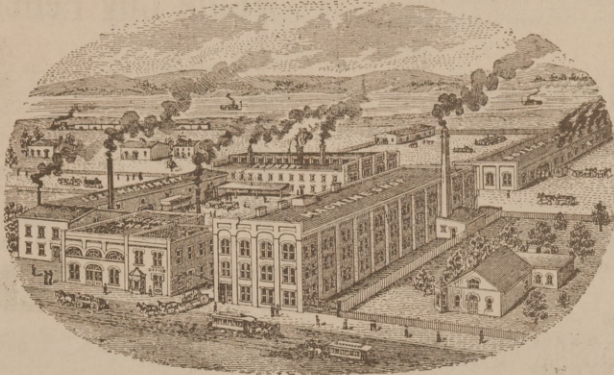
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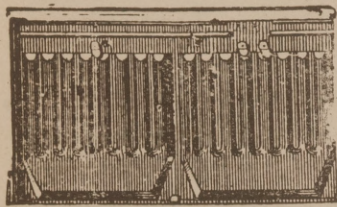


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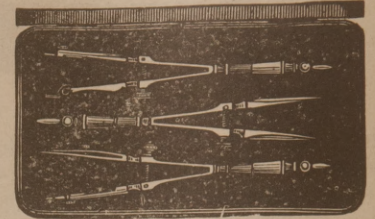
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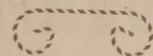
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ARCHITECTS' BUILDERS' AND HARDWARE JOURNAL.

VOL. V.

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## EDITORIAL.

IT all comes back to the proposition that the tariff is a local issue, but where we are especially unfortunate is that when it is a local issue for this part of the country for coal, it happens to be a local issue for New England to take it off, and that country always appears to have more "fluence" with the powers at Washington than the Southern country has. What New England wants she usually gets, no matter what party is in office.—*Norfolk Landmark*.

If New England usually gets what she wants it is because her business men make known the needs of their section, and demand of their representatives such legislation as will tend to the development of New England. While we are hair splitting over vague and uncertain theories, New England settles down to practical business and "gets there." If the South will make her influence felt in Washington as vigorously as New England does when it comes to her legislative necessities, she will be equally as well taken care of. With New England it is "business before politics."—*Baltimore Manufacturers' Record*, March 2, 1894.

THE rates charged by insurance companies doing business in the South are notoriously high, and yet many good companies are abandoning the field. Are we more careless with fire than people in other sections, or is the moral hazard greater in the South, or has faulty construction something to do with it?

Has it ever occurred to the builders and owners of houses that the badly planned and constructed ones, run together by a carpenter who hires a few cheap masons to put in the foundations and build the chimneys by the job, is going to cost them in a few years double the difference between them and good ones in repairs and altera-

tions that well built structures, carefully superintended during erection, would not need? There are a great many houses always being built simply to sell, but they have to be homes for some one, and on that unfortunate or unobserving individual will fall the trouble; but houses are built to rent also, and the short-sighted policy of shoddy construction seems to have a firm foothold with that class, too.

Are we drifting back to the habits of our savage ancestors, and no longer desire a permanent abode? Is five or six years long enough to dwell under one roof? From the houses we build one would think so, and so we should believe were it not for the splendid and permanent business houses we see all about us. A business man puts up a structure to contain his business; he carefully counts the cost, not only for the present, but draws the future into the calculation; figures on insurance, wear and tear, etc., and promptly decides to put in the extra first cost to save himself in the years to come. Yet that same man will build a house to live in, and, in order to save a few dollars, gets cheap work, and worries through life with bursting water pipes, doors that bind and windows that refuse to open except with the use of a crowbar.

He is always in dread of the fatal, "defective flues," and if he burns out and has the luck to collect his insurance before he has paid out the price of his house in premiums he builds another, and we trust a better, though no doubt a smaller one.

The officers of insurance companies are perfectly aware of the numerous defects in our system, but are unable or unwilling to make the distinction that all must recognize between good and bad construction. The prevailing penchant for open fire-places is in a great measure responsible for domestic fires, but it most certainly does not cover all; neither would they be so dangerous or the destruction so sure and complete if the plans had safely placed the grates with proper protection.

A house constructed well and thoroughly by a conscientious and competent builder from well-matured plans should save in the end money to the owner. It would most certainly save worry and annoyance, and make life longer and sweeter. The subject has interest in it for house owners, and should have for architects.

IT is a fact, interesting but not generally known, that the State of Georgia is producing to-day more and better marble, sounder and larger blocks, than can be produced elsewhere in the Union. In the North such large figures as the lion, illustrated in another part of this paper, are always carved from granite, for the reason that marble, the more beautiful stone, cannot be quarried there in large blocks. In Georgia the marble lies in immense beds in solid mass, coming right up to the surface, where its durability is demonstrated from the fact that projections exposed to atmospheric changes for ages show no signs of disintegration or decay. Georgia's wealth in this regard has never been properly appreciated.



THE Competitive System in Government Architecture" is the title of a pamphlet by Mr. John L. Smithmeyer, F. A. I. A., of Washington, D. C., which he offers as "a plea for better buildings and better laws, together with a history of the movement to secure them, from 1873 to 1894." Since the spicy correspondence between Mr. D. H. Burnham, president of the A. I. A., and Secretary Carlisle in regard to the Tarsney law, our contemporaries throughout the country have been discussing this subject to the exclusion of nearly everything else. All of them have taken the position that the Tarsney law embodied the wishes of the profession and the enlightened public; that it was sufficiently clear and explicit to insure its successful operation; and that it carried with it all needed authority for its enforcement, and they have been unsparing in their criticism of Mr. Carlisle for his refusal to apply the law to a certain building which the committee of the A. I. A. had selected. They have made out of this refusal opposition to the purposes of the Tarsney act, and even unfriendliness to the profession, both of which Mr. Carlisle has disclaimed. It is therefore refreshing to find an article which discusses the matter in a calm and unprejudiced manner, and which goes back of February 20, 1893, in order to clearly set forth the situation. Such articles will do far more to accomplish the reform we all so much desire than any amount of harsh and unfriendly criticism, however just it might be.

Mr. Smithmeyer begins his article by calling attention to the great inferiority of government architecture, and in a few sentences comprehends the whole subject. "It cannot have escaped the notice of the most casual observer," he says, "that marked changes have taken place in the architecture of this country of late years." \* \* \* "The query is, why does public architecture fall so far short of what could be fairly expected of it? It lacks that broad comprehension, artistic design and quiet grandeur, without which no architectural work can be regarded as meritorious. It is a fact challenging contradiction that many of our public buildings are remarkable only in sacrificing utility and fitness of purpose, harmonized with distinctive character, to incommensurable splendor, prodigality of gewgaws and the vulgarities of opulence. The divine spark of genius is entirely missing." He goes on then to discuss in a logical and clear manner the causes which lead to this failure of public architecture and the remedies to be adopted. These are embodied in the following terse paragraph: "To remedy these defects the method of designing and constructing public buildings must be radically changed—not by makeshifts or ambiguous laws, but by the enactment of statutes that shall secure to all architects of merit facilities of competition in all national work, and that shall elevate the Supervising Architect's office of the Treasury to the dignity to which it is entitled, for it is the office through whose influence those architectural qualities which are looked for in the works of a great nation can be greatly fostered."

He then cites the first competition for public work, which took place twenty-one years ago: "On the third day of March, 1873, Congress called into existence a commission \* \* \* for the purpose of procuring plans in *public competition* for a separate congressional library building, and appropriated \$5,000 to defray the expenses incident thereto. This commission duly advertised a public competition, and as an inducement to architects of reputation they offered a premium of \$1,500 for the best, of \$1,000 for the second best, and of \$500 for the third best plans submitted. The terms were accepted by twenty-eight architects, and as many plans were submitted from all parts of the United States and from

England." Among the list of names published are many of the best known architects in this country. The plans submitted by Mr. Smithmeyer and his partner, Mr. F. J. Pelz, were adopted, but for thirteen years he was compelled to struggle against the almost insurmountable difficulties presented by ever changing congressional committees, political squabbles and dilatory motions before his prize was safely landed. Finally, on the 15th of April, 1886, the Act was passed authorizing the erection of the building by his design and under his supervision. The result amply demonstrates the success of the competition system, for, excepting the capitol, it is unquestionably the best piece of architecture in Washington and "compares more than favorably in workmanship, materials, cost and time of construction with the best of public buildings in the land."

As early as 1874 Mr. Smithmeyer was actively engaged in an effort to reform the government architecture, and on the 19th of October of that year he submitted to the Secretary of the Treasury "A plan for the organization of a Bureau of Architecture." This provided that the office of "Government Architect be created; that there be one chief and two assistant architects appointed by the President," and that they have the "necessary scientific and clerical force; that all architectural works of the government be let out to open and fair competition, and that the government architect shall cause such competitions to be instituted and make the necessary rules and regulations for their government; that in every competition he shall be authorized to call in experts who, together with himself, shall constitute an advisory board to the commission or committee of Congress appointed to decide upon the plans submitted; that the successful architect shall superintend the building and shall be held responsible for any and all shortcomings in quantity and quality of materials and labor; that the Government Architect shall examine and thoroughly test all building materials sent to him for that purpose from any part of the United States, and to report the result to the parties free of charge." The plan was elaborated very freely, going into the details of operation, but its essential features are summarized above. It was received with favor by the department, and on February 8, 1875, was embodied in a bill and introduced in the house, but it never got beyond the committee room because it lacked the active support of its friends. The matter was then taken up by the A. I. A. and at the annual convention, held in Baltimore in November, 1875, an amended bill was prepared and eleven members appointed to urge its passage through Congress.

"By this time, however, it looked as if the ebb-tide of reform and progress had begun. The apparent indifference of the committee of eleven towards the Institute bill, together with the fact that the (then) supervising architect, Mr. Wm. A. Porter, favored a bill of his own, divided the remaining friends of reform and progress in Congress and made the passage of the Institute bill impossible."

Even Mr. Porter's bill, however, never got on the calendar of the house.

Individual efforts continued to be made here and there and scores of bills introduced in both houses of Congress, still nothing was accomplished.

"Thus matters went on," he continues, "until, disheartened and tired, I withdrew for a long time from further participation in this agitation—very recently, however—and through my personal acquaintance with Hon. John G. Carlisle, I (assisted by Mr. Poindexter, of Washington, D. C.) succeeded in bringing about a consultation between the trustees of the American Institute of Architects and the Secretary of the Treasury on the



meaning and latitude of the bill which had become a law February 20, 1893. This consultation took place on Friday, March 22, 1894, in the private office of the Secretary, and appeared to have been satisfactory to all concerned; but it resulted in nothing more than an extensive correspondence and an unsatisfactory termination.

"Like so many other laws annually passed by Congress, the one in question has, upon closer scrutiny by the proper authorities, evinced legal sterility.

"The correspondence referred to above on the part of the Secretary, as well as the supervising architect, clearly shows that, and it further demonstrates that the Secretary was favorably disposed towards the introduction of the competitive system, provided it was done in a proper manner, but that he was *not* willing to assume the responsibility of trying to execute an enigmatical law. In a letter to Mr. D. H. Burnham, President of the American Institute, bearing date March 6, 1894, Mr. Carlisle distinctly says: '*I will favor any practicable method by which the department can avail itself of competition for the elevation and improvement of the architecture of our public buildings.*'

"It goes without saying that the new law as it stands is fundamentally wrong and should be speedily corrected, not by amendment, but by the passage of a substitute which will accomplish what the law of 1893 necessarily must fail to do. The American Institute of Architects, by its executive officers and trustees, has seen fit to recede from the advocacy of the Institute bill to *establish a bureau of architecture*, which as a whole had the support of Secretary Bristow as early as 1874, was discussed and acted upon by the Board of Trustees in October, 1875, and by them presented and recommended to the ninth annual convention of the Institute in Baltimore in November, 1875, by which body it was unanimously adopted, and a committee of eleven of its members selected 'to take such action with regard to its provisions and presentation to Congress as they might find to be most consistent with the interests of the profession,' and with praiseworthy energy to advocate an insincere and dubious measure.

"The Institute bill would readily have gotten the indorsement of the Secretary of the Treasury and the supervising architect, as it contains all the provisions which the law of February 20, 1893, stands sadly in need of.

"In conclusion, I repeat that there should be a bureau established by law which shall be controlled by officially recognized and competent experts in artistic and technical matters. This should be aimed at and urged by all architects. The dignity, the usefulness, the deep respect of the profession, demand it. There should be no make-shifts nor trimming in this matter. It is a specific need, promotive of architectural art and stimulative of deserved results. The dictum of this body of experts should have the strength of law and be accepted as a finality by all parties concerned as in a court of law.

"Whenever this shall have been accomplished, our public architecture will assume a different rank and reputation; it will, instead of being an object of ridicule, very soon be respected and recognized at home and abroad. Our public buildings will become models for study and imitation, and posterity will not pass, when reading the history of American art, over the pages of the first century of the republic either in silence or disapproval."

THE Mormon Tabernacle in Salt Lake City is the most perfect whispering gallery in the world. The dropping of a pin into a silk hat at one end of the huge structure is distinctly heard at the other end.

## A SOUTHERN STYLE OF ARCHITECTURE.

AT THE recent meeting of the Southern Chapter of the A. I. A. at Augusta, a number of valuable papers were read, but there were none more interesting and suggestive than the address delivered by Capt. Roby, the master of ceremonies, at the banquet, with which that meeting was closed. After some good-natured criticism of architectural styles which have enjoyed their waves of popularity, he advocated the establishment of a "Southern Style," one which is true to the character of our people, and which shall conform to all the requirements of our condition and surroundings; and he requested Mr. Tinsley, the Secretary of the Chapter, to respond to that sentiment. The latter in a clear and logical manner, outlined briefly the fundamental principles of architectural styles, and reviewed the conditions in architecture in America to-day, closing with the expression that "the truest of American architecture seems to be the classic." That our architecture is in a state of confusion is very generally admitted and deplored. It is evident to all that the work of modern architects is weakened by the lack of any definite system. These efforts being scattered over a vast number of styles, all of them perhaps beautiful and expressive in their native homes, and occasionally so, even when transplanted into this new country and age, the general result is a degeneration into a chaos of style without meaning or character.

Mr. Van Brunt in his admirable book, "Greek Lines and Other Architectural Essays," says: "The profession of architecture is now reproached because it has failed to establish a style, because it has not agreed upon a system, because its followers do not move in parallel lines towards a consummation of art commensurate with our civilization, in the same way that contemporaneous science has moved towards the development of the electric telegraph, of electric lighting, of the telephone; because at our annual conventions the president of the British or American Institute of Architects is not able, like the president of the National or International Academy of Sciences, to report in his address a definite and orderly progress of achievement. \* \* \* Modern architecture, as a fine art, cannot make its annual boast of improvement for reasons which are well worth investigating." Mr. Hastings, in *Harper's Monthly*, refers to "the confusion of styles that afflicts us in this country," and defines style as "that method of expression in the art which has varied in different countries, beyond being merely influenced by differences of natural character and climate. Some confuse style with composition—composition is the arrangement or design—an aggregate of related parts into one ensemble. Style is, as it were, the outward clothing of this composition, the language that is in vogue at different epochs. \* \* \* No work of human creation, whether in the domain of literature or art, can live except it possess what is called style. \* \* \* How near can we come to determining what is modern architecture, or what is the proper style of architecture for our time? Surely it should not be the deplorable creation of the would-be style inventor, or that of the illogical architect, living in one age of choosing a style from another. \* \* \* Style, in its growth, has always been governed by the universal law of development. If from the early times, when painting, sculpture and architecture were so closely combined, we trace their progress through their gradual development and consequent differentiation, we cannot but be impressed by the way in which one style has been evolved from another. This evolution has always kept pace with the progress of the political, religious



and economic spirit of each successive age. It has made itself felt unconsciously in the architect's designs, under imperatives of new practical problems, and of new requirements and conditions imposed upon him. This continuity in the history of architecture is universal. As in nature, the types and species of life have kept pace with the successive modifications of lands and seas, so has architectural style in its growth and development until now kept pace with the successive modifications of civilization. For the principles of development should be as dominant in art as they are in nature. The laws of natural selection and the survival of the fittest have shaped the history of architectural style just as truly as they have the different successive forms of life."

In nature, when "the world was young," when the number of species were few, and their environment fixed and narrow, development was slow, but direct and uninterrupted, the resulting forms were simple and strongly characteristic. As the species increase in number and powers, and develop the faculty of locomotion, the environment is broadened, the influences affecting development are multiplied, and more complex forms result. Frequently now great disturbances occur, and there is a confusion of species, with sometimes an apparent interruption of development; but there always follows, though we may not be able to trace the descent, a more complex, a stronger and a better race. So in architecture, in its early days the requirements were few and simple, there was but little external influence. "The study of the architect was limited to a type which all understood, and there was an orderly, intelligible and harmonious evolution of styles." As man's environment has broadened, as distance has been overcome, as the barrier of time has been leveled by the development of the science of history, the influences affecting architecture have been greatly multiplied. The rapid development of practical science in the past century has created a great disturbance in the orderly progress of architecture, and the present confusion is the result. The development is apparently arrested, and those not imbued with the universal and eternal law of evolution, are deploring the weakness of a profession which is unable to bring order out of chaos and *create* a style.

Yet this very confusion is leading us, groping in the dark, it is true, but nevertheless infallibly, to a style of architecture, not to an American style or European style, but to a twentieth century style. "The important and indisputable fact is not generally realized," says Mr. Hastings, "that from prehistoric times until now, each age has built in *only one* style of architecture. In each successive style there has always been the distinctive spirit of the contemporaneous life from which its roots drew nourishment." The modern style, while universal in its leading characteristics, will be developed by the various countries on parallel lines, each conforming to the local and climatic conditions, and expressing the national character, and yet all remaining true to the common type.

So in a country like America, covering such a wide range of climate and resources, and embracing such diverse elements of population, yet all truly American, the development of style must assume strong sectional characteristics. Just so far as the climate and resources of the South, and the character and lives of its people differ from those of the North, must the architecture of the two sections differ. If our architecture is to be a living art it must be true to our lives in every particular. Before the war Southern architecture was developing into a consistent and truly Southern style, and yet thoroughly American in its leading features. Even the colonial work of the South is readily distinguished

from that of the North, yet both reflect the character of the time and the nation. And the stately mansions which were erected in the first half of the present century on Southern plantations, and even in the cities are unmistakably Southern. And what a contrast between their quiet and dignified repose, their air of ease and luxury, their perfect harmony with the people and the country, the typical Southern home, and those "modern" houses with which our towns are rapidly filling up! Houses fairly bristling with repellant points! with gables and dormers and towers and domes and minarets and pinnacles and turrets! with windows of all shapes and sizes scattered haphazard over the surface, and every available space covered with some flimsy ornament!

The architecture of the South has undoubtedly declined since the war, and the general standard of work to-day is inferior to that of the past generation. Much of the work of that time was not in the hands of skilled architects, it is true, and was often crude in "detail," but it was in harmony with its surroundings, and was therefore, in spite of all other defects, superior to the work of to-day.

The influx of Northern architects during the past twenty-five years has had some injurious influence, but their numbers have not been large, and in most cases some have become naturalized Southerners, and their work has been gradually modified until it is perhaps as true to Southern life as that of native architects. But the idea so prevalent in the "New South" that the North is our superior in everything; that all the brain is confined to that section; that whatever is produced there is better than our people can produce at home, has injured every Southern enterprise and every profession in the South, except that of politics. It has led to the employment of architects living at the North for our most important buildings. Thousands of buildings are being erected in the South, designed by men accomplished architects, no doubt, but entirely ignorant of, and not in sympathy with, our character, habits or environment, and the effect is necessarily fatal to art. Buildings are erected which would be admirable in the homes of their designers, but which are sickly exotics here, totally out of harmony with their surroundings. Yet these have a powerful influence on public taste, and Southern architects may be forced by the demands of this corrupted taste to take their own inspiration from these specimens of Northern art. This is the greatest barrier and the greatest danger to good and pure architecture in the South. No country can ever develop an art by the hand of artists living beyond its borders. As the South regains financial independence, her sectional pride will again be developed and will doubtless do much to avert the danger.

Popular education on the fundamental principles of architecture is necessary, however, and should be commenced as soon as possible. These essential and elementary principles should be taught in the public schools, and the children should learn to admire what is true and pure in art, rather than the fantastic or artificial. No study would be more fascinating to them, and but few have a more practical value. Taught to this extent, neither the time nor expense would be considerable items, and the result would be a cultivated public taste which would elevate architecture to the high plane which it has occupied in every country except this.

Higher professional training is a need almost as great as popular education. In not one of our colleges or universities is there one chair of architecture. Nearly all of them teach engineering in all its branches; and the other learned professions receive no less attention. And yet architecture, which is closer to the people; is entirely



neglected. We had far better have Northern engineers to develop our resources, than to have the individuality of our architecture blotted out by hands not in sympathy with us. The former must come and live among us and perhaps become citizens, while the latter remain in their Northern home, without ever setting foot on our soil. The few Southern architects to whom a special professional education, is possible are obliged to go North for it; and that education instead of fostering our traditions, history and characteristics, tends to obliterate them. There is no reason why every scientific school in the South should not have a chair of architecture. The equipment of such a department would cost no more than that of the department of engineering, and it would be fully as valuable, and would doubtless attract as many students. And the South would soon fill up with young architects and *builders* of broad and liberal ideas, imbued with art, and true Southern art at that. It may be objected, however, that there are too many architects in the South now; but this is a great mistake; we need an architect in every town; the great majority of Southern people of this generation know nothing about architects; they have never come in contact with one and have no appreciation of his work. Nine-tenths of the building is done without the aid of the profession; and it would not be so if architects were more widely distributed; they would soon cultivate a taste among the people which would bring practically all building operations under their influence, as it is in other countries.

The lack of Southern professional literature is another cause of the decline of our architecture. Southern architects have fallen into the indolent habit of looking to the North entirely for instruction, and of following blindly in the lead of that section. There is not a book to be found by a Southern architect; nor is anything to be found anywhere about architecture in the South. Yet there is abundance of valuable material to fill many volumes. The colonial work in the South was unsurpassed, and yet it is rapidly disappearing in decay, and leaving no record behind.

THE present mode of scaffolding in itself is all right, but the construction is almost invariably so indifferently and carelessly carried out that it is nothing short of a miracle that any building is put up without more or less fatality among the laborers, to say nothing of the people who may be passing underneath. The trouble, or rather carelessness and bad construction, seems to come from the number of decks or platforms that the contractor has to build. There are usually so many to be made as the building progresses, that the contractor is often put to it for material, and more often for time in building them, causing him to put in weak putlogs, often with knots extending entirely through them and winding up by badly securing them all to the scaffold poles. It would be impossible to change the method of scaffolding among contractors at once; for, as in every trade, they will long stick to old traditions and customs, and can only be brought gradually into a radical change.

For the benefit of those contractors who carry on business in places where there are no regular scaffolding contractors, as we have in our larger cities, we would suggest that they make decks only at stated intervals, using picked putlogs and allowing the putlogs to extend into the building through windows, where it is possible, and through the walls themselves, where there are no windows, and securely fasten them to a row of inner and outer scaffold poles, the putlog holes to be plugged up as the scaffold is taken down; lay a sound deck on these

putlogs, and by use of portable three-legged bucks, say five feet high, set on these decks, you can build story on story of platforms, placing bucks, one on top of the other, until the next row of putlogs is reached. This would make the adjusting of scaffolds both quick and easy, and would also greatly eliminate the danger of the present system. The idea of using pulleys from openings in buildings, and using a portable platform that can be raised or lowered at will in painting, etc., has already been put into use with success and comparatively no danger. The main points of danger seem to come from the following: Flimsy poles, insecurely put together, putlogs having very little purchase in the walls, being badly attached to the poles, and often containing flaws. When an architect looks at all these chances of having a serious accident happen to him when he is compelled to go on a building under construction, and sees the careless manner in which a contractor throws his scaffolding together, he is apt to conclude that it is high time that either the law or the fraternity, or both, took the matter seriously in hand and effected a long-needed change for the better.

By kind permission of the directors of the Mint, Birmingham, a large party of well known technical men and press representatives paid a visit to that establishment recently to inspect the working of the smoke annihilator in use there. This invention is the outcome of a series of experiments made by Mr. Samuel Elliott at his works at Newbury. His attention was first directed towards the smoke difficulty by the continued complaints which the local authorities made against the emissions of smoke from his chimney. These complaints and the penalties attached to them caused him to take the matter up, and he at last succeeded in making a machine that deals with the smoke difficulty. Two years ago the invention was exhibited on the Thames Embankment, London, and was seen in operation by many of those interested in the question. At that time the machine fulfilled its purpose and was pronounced a success, but it was found that some details connected with the fitting of the apparatus and the detention of the residual products required working out, and these matters have now been accomplished to the satisfaction of experts. It absolutely annihilates the smoke as well as all sulphurous and noxious fumes connected therewith. The machine can be easily attached to chimney shafts and is simple and inexpensive in its application. It can be placed in any position, either within or without the building, and can be attached either to existing machinery by a belt, or worked by a separate engine of nominal power. When the machine is put into operation, the volume of smoke that is being produced instantly disappears, being drawn into the annihilator, where it undergoes a process of washing, leaving only a white vapor to escape into the air, from which all traces of carbon, dust or sulphur have been effectually eliminated. By this invention high chimneys are rendered unnecessary, and the cheapest form of fuel can be burned without incurring any more risk of smoke than by the use of the costliest fuel. The machine can be applied with equal success to all kinds of steam boilers. For some time the apparatus inspected has been in constant work at the mint, Birmingham, affixed to their largest chimney, having eleven furnaces and six muffles, equal to about twenty-five furnaces. Until this machine was affixed, these furnaces had been the subject of continual complaints. It is evident from the working of the machine on such a large scale that the invention is capable of coping with the smoke question in every form.—*London Industries and Iron.*





*M. E. Church South, Anniston, Ala. Golucke & Stewart, architects, Atlanta, Ga.*

*High School, Houston, Texas. S. R. Duval & A. Hay, architects, New Orleans, La.*

#### SCULPTURED GEORGIA MARBLE.

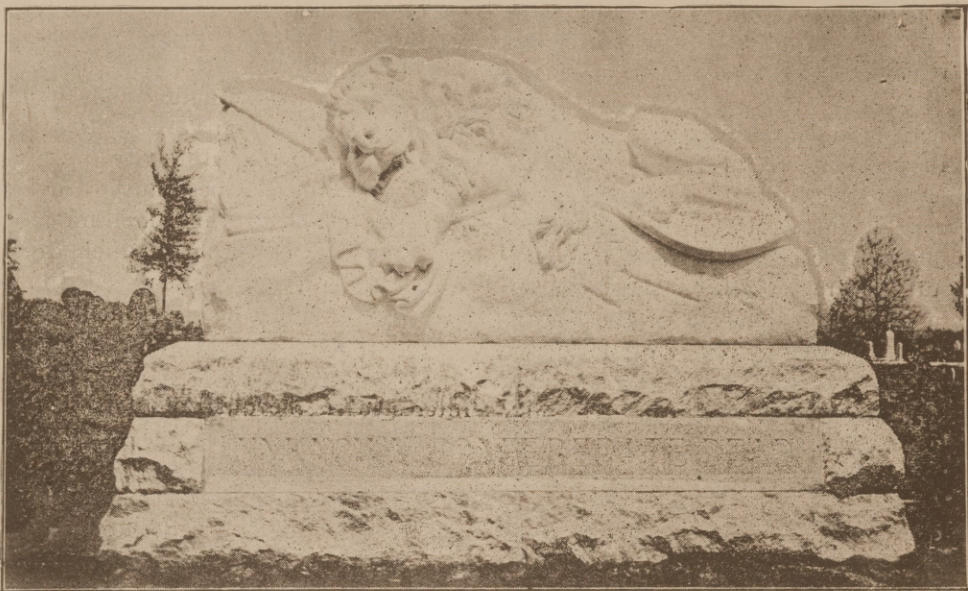
THE largest piece of sculpture ever carved from a single block of marble in the United States represents "The Lion of Atlanta," and was erected to perpetuate the memory of the "Unknown Confederate Dead" who fell in the battle of Atlanta on July 22, 1864, and was modeled and cut at the Georgia Marble Finishing Works in Canton, Ga. The design is a reproduction of the Lion of Lucerne, with the addition of the Confederate battle flag and guns, and is exceedingly appropriate.

The figure represents a lion that has received its death-

credit of this important work of introducing Georgia marble into the field of sculpture. Professional marble men are much interested in the "Lion of Atlanta," which will vie with its prototype, the Lion of Lucerne. Many prominent marble dealers from the North have visited Mr. Brady's works and expressed their surprise and admiration for his labors.

THE illustrated plates this month show the elevation, perspective and floor plans from a set of plans submitted in competition lately for a new high school building for Houston, Texas. The outside walls to be of selected repressed brick with brown sandstone trimmings. The round tower at side is to have revolving roof of iron and copper for observatory purposes as called for in instructions. The turret of roof also has wrought iron frame covered with copper and will serve as clock, bell and ventilating tower. The building will be replete with all modern conveniences and improvements. The arrangement of the plans will explain themselves.

THE recently erected M. E. Church, South, in Anniston, Ala., is in the Romanesque style of architecture designed by Golucke & Stewart, architects, of Atlanta. The foundation walls, water-table, sills, window, door



wound, and in its death agony is grasping and attempting to draw towards it the battle flag of the Confederacy. The wound was inflicted with a spear, and just above the heart the end of the spear sticks out of the side of the dying beast. Drops of blood are pouring from the wound. The lion has fallen by a rock on which there is a flag of the Confederacy. Its right forepaw has grasped a cannon ball which is partially covered by the flag, and the left paw is wrapped in the folds of the flag. Beneath it are several battle muskets and a cavalry saber. The figure of the lion is eight feet long, was cut from a single block of marble nine feet long, five feet wide and four feet deep, weighing over 30,000 pounds. This rests upon a pedestal of dark Georgia marble eight feet high. On one side of the pedestal is a marble slab on which is cut in deep letters, "Unknown Confederate Dead." The marble in the pedestal is rough-finished and does not show the marks of tools on its face.

While Georgia marble has rapidly won its way to the very front rank for building and monumental work, the carving of the colossal Lion of Atlanta is so perfect a form of beauty, raises the white marble into immediate and wide notice as a material for large statuary.

To Mr. T. M. Brady, the sculptor, of Canton, Ga., proprietor of the Georgia Marble Finishing Works, belongs the

arches, heads and copings are of native pink sandstone; the rest of the walls are pressed red brick. The main entrance doors have Tennessee marble columns with carved caps. The roof timbers are of yellow pine and all exposed, and is covered with blue slate. The auditorium is 59 feet square, the floor of which is dished, and falls towards the pulpit, in the rear of which is the raised choir and organ loft. The oak seats have a capacity of five hundred people. Connected with the church on the left is the lecture room 30 x 30 and 27 feet high; surrounding the lecture rooms, are four class rooms, a society room and library. All these rooms are separated from one another by rolling partitions which can, if desired, be thrown into one large room 42 x 60 feet. There are also rolling partitions separating these rooms from the auditorium, so in case of emergency the entire building can be converted into one audience room.

The pastor's study and the toilets are conveniently arranged on the north side. The building will be heated and ventilated by the Peck-Smead system. Provision is made for placing the furnaces in the basement. The building covers an area of 80 x 116 feet. The gables are 48 feet in height, and the graceful tower with arcaded belfry reaches to the height of 87 feet. The acoustic properties of the church are perfect. The cost of the completed structure is in the neighborhood of \$22,000.



## NOTICE TO ARCHITECTS.

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### COTTON STATES AND INTERNATIONAL EXPOSITION COMPANY.

ATLANTA, GA., July 2d, 1894.

Architects are invited to submit with estimates of cost PLANS or SKETCHES for the buildings for the Cotton States and International Exposition Company to be used for holding an Exposition in the City of Atlanta, Georgia, during the months of September, October, November and December, 1895, PLANS or SKETCHES to be submitted by August 15th, 1894, and addressed to CHARLES A. COLLIER, President.

Buildings will probably be of wood and glass, with tin and shingle coverings, and designed with reference to both economy and durability. The architectural effect to be obtained more by lines than by ornamentations.

The buildings for which PLANS or SKETCHES are now asked are as follows:

MANUFACTURERS, (Extremes)	300 ft. x 430 ft.
MACHINERY, .	" 140 ft. x 500 ft.
AGRICULTURE,	" 180 ft. x 330 ft.
MINERALS & FORESTRY	" 110 ft. x 350 ft.
ELECTRICITY	" 90 ft. x 270 ft.
ADMINISTRATION	" 50 ft. x 150 ft.

The compensation for accepted PLANS or SKETCHES will be a matter of agreement between the Company and the submitter of same. The Company reserves the right to reject any or all PLANS or SKETCHES.

Plans of the grounds and location of the buildings with other information will be furnished on application to the undersigned at No. 9½ Peachtree Street, Atlanta, Ga.

GRANT WILKINS, CHAIRMAN,  
Buildings and Grounds Committee.

*Plans of the grounds with location of buildings will be published in August number of the Southern Architect.*





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## THE ARCHITECTURAL MODELS IN THE METROPOLITAN MUSEUM OF ART, NEW YORK.

A PAPER PREPARED FOR THE RICHMOND ARCHITECTURAL CLUB, BY G. W. E. FIELD, JAN., 1894.

(Continued from June.)

While at this end of the room we may look at, and of course will admire, as much as can be seen of the one-twentieth full size model of "Notre Dame de Paris," at present walled in by a linen screen pending the erection of a proposed glass enclosure. The west facade of this model was set up in the museum during the latter part of 1890. The other three facades having been acquired since then; the work of uniting the parts to exhibit the complete model has only been recently done. As now seen the west towers with the connecting arcade, screening the gable behind it, and the beautiful flèche rising from the intersecting ridges of nave and transepts whet the appetite for the fuller presentation of this fine example of French Gothic. But our anticipation is not uncomfortably prolonged, as through the influence of Mr. A. J. Bloor (Secretary of the Willard Commission) and

the kindness of General L. P. di Cesnola (Director of the museum), we are permitted to investigate the hidden beauties of this exquisite treasure model.

Mr. Bloor himself is quite enthusiastic over this notable addition to the collection, and does not hesitate to call it their "*pièce de resistance*."

Our permit penetrates the veil, and affords us undisturbed possession of the enclosed area with its charming monument. Here is a feast for the eyes, and princely food it is.

Our art is certainly enhanced by its close affiliation to historical science, and for us to fully enter into the spirit of its importance as a fine art we must necessarily accept that aspect of it. With this before us, then, we cannot look at the beautiful model of Notre Dame of Paris without recalling the conditions that led to its design and erection, and noting in the tangible record before us the history that was built into the edifice. Indicative of the restlessness of the people whose religious impulse in favor of a lay era, in departure from monastic discipline, led them to give bountifully and liberally towards a *peoples' church*, this cathedral, following close upon the erection of Noyon and Senlis, was like them modeled in a transitional style which developed and spread with the advance of the religious movement. The association of a Romanesque type of architecture with the Monastic rule precluded the application of the style of almost all the Abbey churches, and so a change was sought. Beginning at Noyon, the revolution worked southward and, reaching Paris after Senlis, we see here a keen appreciation of the *expression* that the people desired *their church* to take. Enthused as they were by the existing conditions, the grand Metropolitan Church of Paris was reared by them as an index of a sentiment that lent its glow of beauty to every wall and buttress—a clinging charm, for the lapse of seven hundred years leaves it still the most interesting, if not the finest, example of the only true Gothic School—the School of France.

Its erection was begun under Bishop Maurice de Sully in 1163, and history tells us that Pope Alexander III. laid the first stone. In the year 1257 Jean de Chelles, architect, undertook the gabled fronts of the transepts. The south front was first constructed, and later, in 1312, the north front was erected. About the middle of the fifteenth century Charles VII. gave liberally towards the completion of the edifice. The decoration of the choir was left for M. Jules Mauseur as late as 1670, and was not completed until the year 1714. During the reign of Napoleon III. the great cathedral was completely restored, and unfortunately tampered with as the term quite frequently implies.

The unique charm of all that is good and consistent in Gothic principles is fully exemplified in this beautiful structure that sprang up in the midst of turmoil. Its ever-varying detail reflect the unsettled condition of the builders, and point to their diligent search for the best methods of expressing the radical departure in progress.

In its massing nothing can be more dignified or majestic than this early Gothic church. Symmetrical results are carefully studied, and the balancing of parts, the rhythmic union of features, were both ideally rendered. A casual glance gives an impression of systematic counterpart, and yet there is probably no other notable edifice in existence in which the growth of architectural integrity is so clearly defined by the sequence of development in methods of design and construction. All this seemingly led to the true Gothic sentiment of variety in expression, and so we have effects that would engage us in exhaustive study to analyze the multiplicity of forms and details employed, all threaded together by a common inspiration to evolve a congruous whole.



Let us now more carefully examine the model for a few minutes, and note the particular features of intentional variety in treatment that were effectively designed to subtend each other in symmetrical accordance. Such investigation can be all the more readily pursued with this scale model as the object of study rather than the original.

And so we will proceed:—Beginning at the west facade we might gradually recognize the difference in the width of the towers, a difference hardly appreciable at first, but which a count of the figures in the Gallery of the Kings, immediately over the basement, will reveal. In fact, the three vertical divisions of the front are unequal, and the arched doorway in the division furthest north is enclosed by the gable lines of a moulding superimposed to the wide splays of the pointed arches—in contradistinction to the southern division in which the inclined mouldings are omitted.

On the flanks the distance between the tower and transept is filled by seven abutments, solid benches for the flying buttresses that spring from their heights. Comparison indicates a striking difference in design between the groups on the north and south sides. However, we will not stop to analyze these, but will pass down the chancel where we find a rich display of spired piers airily resisting the thrusts of the spanning links from inner vaults to outer walls. These main buttresses of the chancel are particularly remarkable in the variety of their forms, sizes, heights and enrichments. Starting from the south transept, the first five rise above the outer walls of the chapels that nestle between them in their depths, and take the form of a single square shaft slotted at the top and crowned with a crocketed spire. Subjacent on either side is a lesser pinnacle, square in plan, but set diagonally to the axis of the wall below. These pinnacles are attached to the larger pier by screen walls merging from the lateral faces of the large square, and reaching out obliquely towards the diagonal piers. The next two differ from these, being a compound of five instead of three piers. The central feature is subtended by a smaller attached square on each side, and subjacent to these smaller ones the diagonal pinnacles are directly merged into the tripart mass. The central square rises predominant with a lofty spire as before; the lesser ones finish against the sides of the larger with a half-pyramidal spire, and below these rise the spires from the diagonal pinnacles. The eighth buttress is much more solid in construction and heavy in design, being short and less decorative than the preceding ones, and showing a projection beyond the line of the chapel walls.

Next in order we see a repetition of the design of the first five. Then follow two, similar to the short and sturdy one just mentioned.

The twelfth in order returns to the motif of the first group.

The thirteenth buttress is the last in the series south of the Axis of the Church; and this, with its counterpart to the north, differs in design from all others. They both project slightly and are rectangular in plan. Above the parapet the front half of the solid is cut away to give place to a pedestal for a statue, which, if in position, would be set up against the central edge line of the back wall which is cut with splayed faces. The angle lines of the mass are continued up by round columns standing free at the two front corners and attached to the solid at the rear angles. These columns carry a gabled canopy with crocketed lines.

Then follows a reverse sequence to the order of the buttresses on the south side; but varying in elevation and matters of detail until we reach the one adjacent to the North Transept.

This one is square in plan, and is surmounted by a rich spire, intersected by gables with corner pinnacles rising from the base of intersection. The spire is borne by four angle columns enclosing a space occupied by two standing figures, one behind the other, on a low pedestal. Behind the figures, and filling the intercolumniation of the two rear columns, is a thin wall. This outer buttress and another one rising midway between it and the wall of the nave are particularly interesting as illustrating the original arrangement of double buttressing used around the entire building, but which was altered during the thirteenth century to the buttresses of single span now seen in all the other cases. Originally the piers between the double aisles of the church were carried up above the roof to receive the flying buttress carrying the thrust of the great vaults; and to counterpoise this, a second flying buttress was engaged to the opposite side of this pier and footed down on the more solid outer abutment. At present there is but a single span from outer abutment to the great piers of the nave, with the one exception noted. The intermediate piers in the other instances have been demolished and now only figure as interruptions in the line of balustrade above the outer wall of the Triforium. The South Transept front shows the full complement of statues, but the niches and pedestals of the North Transept are all empty.

In connection with our subject it is well to remember that a very large part of the sculpture indicated in this model illustrates the original twelfth century work. In the cathedral of to-day almost the entire sculptural decoration of the portals is of genuine original execution.

With this barely superficial survey we must perforce leave this medieval conception to carry our purpose to completion, and we turn from it with regret. The appeal of its purity and delicacy to our appreciation of the music in architecture renders us subject to its influence.

Crossing over to the north loges again for a few minutes, we note that the two bays at the extreme west are filled with examples of Gothic work, oak-panelling and traceries mostly in the corner bay, and capitals, figures and spandrels principally in the next. Against the column separating this latter bay from the adjoining central one is a pier from doorway in the western portal of Chartres Cathedral—date middle of twelfth century A. D.—and in the central loge may be seen a base of column from Church of St. Michael at Hildesheim; also choir screen from the same church; font from Winchester Cathedral, England, 1080 A. D.; door from Barmston Church, England, 1080 A. D.; sundry Norman capitals, arch mouldings, etc.; the Bernward Column from Hildesheim, of the year 1020 A. D., and a miscellaneous collection including a highly carved doorway, stoles, crosses, etc. of ancient Ireland, Scotland, and Scandinavia.

Retracing our steps a few paces, we find opposite the loge, at the N. W. corner of the room, the Central Door Mullion from Cathedral of Amiens, France. This, and the double doorway of Cathedral of Aix, France, are of full size. Near them is another full size cast of the exquisite pulpit in the Cathedral at Sienna, Italy, designed by Niccolo of Pisa, who also wrought that similar example in the Baptistery of Pisa that is probably more generally known. This work in the Sienna church exemplifies the limit of success that is also attendant on the Cathedral itself, as typical of the best efforts in Italian Gothic. The pulpit is octagonal in plan with its platform elevated on nine columns—one each angle of the octagon—and one directly under the center of the pulpit. Four of the angle columns finish with their mould-



ed bases directly set on a high plinth. The other four are supported by figures of lions crunching diminutive horses under them. The bases of the superimposed columns set upon the backs of the lions, the beasts themselves standing directly on the full plinth. The base of the central column is elevated on an octagonal pedestal with sides faced with seated female figures. The intercolumniation of columns are spanned by Gothic trefoil arches over which the sides of the pulpit rest. These sides are rich with sculpture in mezzo-relievo. The desk itself is set on top of the rail cross-wise at one of the angles of the octagon, and is supported by a spread eagle. There is a strong renaissance element in the composition which seemed to have entered into all attempts of Italian architects to work in other styles; nevertheless, as a successful effort in the Italian phase of Gothic, it stands unrivaled.

To the south of the model of Notre Dame is the doorway from the so-called Hall dell'orologio—in the Palazzo Vecchio, Florence—by Benedetto da Majano. This is in the S. W. alcove; and with it may be found a columnal door pier from church of St. Michael, Dijon, France, also the lower portion (omitting the reclining figure) of the tomb of Carlo Marsuppini from the church of Santa Croce, Florence. There is also a reproduction of the beautiful rood screen from the Cathedral of Limoges, France.

In the adjacent alcove are grouped Stall from Chapel of Chateau de Gaillon, date 1515 A. D.; bas reliefs from a window in the Louvre, Paris; fragment of door from South Transept Beauvais Cathedral, and Pulpit from the Church of Saint Cruz at Coimbra, Portugal.

Of course these comprise but a small part of the objects exhibited, but as the most important, I have thought it well to give them mention.

Having but a few minutes more to fill the hour that we have already so nearly spent amongst these treasures, our eyes may now take a momentary cast (no joke) over the room to assure ourselves that we have skimmed the cream of the collection.

Seeking the middle of the room, in the neighborhood of the shrine of St. Sebaldu, we are quick to catch the belt of white models suspended against the gallery railing. We look to the north and south groups and follow the sequence of the figures in low relief on the white slabs. We saw them before in miniature, as part of the frieze of the cella of the Parthenon model almost in front of us. They are the casts of all that is left and is authentic of the Pan Athenaic Procession, and are Mr. Marquand's contribution to the collection. After a quick comprehensive stare we naturally turn to take a farewell glimpse of the restored Parthenon; and leaving it with regret, our restless eyes note a case beyond it that has hitherto escaped attention. Investigation proves it to contain two full size fragments showing sculptural motifs from the frieze of Trajan's Forum.

On the occasion of one of my visits to the Museum, as I stood before this particular case quite near to the West Portico of the Parthenon Model, my attention was drawn to a group of ladies just then absorbing the beauties of that crown of the Acropolis. They were chatting away very animatedly and were rather impressed with their first view of the hall as they entered it from a lateral gallery that brought them to the west end of the model to which their attention very naturally first turned. Earnest in their desire to out-express each other on this vast subject of architecture they amused me considerably. I was prepared for much, but was completely nonplussed to hear one enthusiast remark, "Isn't it lovely; I always did admire the old Colonial style. It must have been a State Capitol." But this is

not quite as bad as another remark I overheard on a later occasion. Two men stood gazing at the pulpit from Sienna Cathedral, and one asked the other, "What was that made of in the original?" "Oh, wood, I guess," his companion answered. "I thought it was stone," returned No. 1, "but anyway, it must have taken a devil of a long time to chop it out."

Such are the kind of expressions that the objects themselves have been put on exhibition to eradicate, and although the progress must be necessarily slow, the education is bound to be sure.

But to resume. Another case that finds place in the room contains two exquisite Italian Mural Tablets, and a similar monument may be noticed against a pier almost under the model of the Cloister Arch from the Certosa of Pavia. This one is the monument of Count Bourgival at Breda, date given as 1533 A. D. It consists of a rectangular niche in the center, arched over with a barrel vault. On either side is a smaller semi-circular niche topped with concave shells. The niches are set between pilasters—those between the central and adjacent ones being corbelled out considerably. The back wall of the center niche is enriched with carving. An attic treatment rises above this central feature between the corbelled pilasters, and carries a pediment. The attic is relieved by a large circular medallion with heraldic helmet and lambrequin in relief.

And now with steps turned towards the alcove through which we entered the hall, the last object to arrest our attention is a model of a Bay of the Cloister of St. John Lateran at Rome. This example belongs to the later Romanesque period of Italy and illustrates the capricious use of spirally twisted columns, which marked the close of the style. The shafts are further decorated with colored mosaics. Each abutment of the arches rests on two columns. Above the arcade the architrave shows a blue band edged top and bottom with a narrow strip of red; on the blue ground an inscription is worked in white. The frieze is enriched with a series of squares and discs with a marginal interlacing band. Every alternate square panel is filled with an emblematic figure. The corona, too, is covered with a vari-colored mosaic. The ostensible fault in the model is the unfortunate omission of one of the solid piers that were built at intervals in the arcade as provision for a satisfactory appearance of strength. Even a portion of one of these abutments would have relieved the model of an unfortunate top-heavy effect accentuated by the twist of the columns. But it is left to one's imagination to supply these; and with this effort, the model can be thoroughly enjoyed.

We have made our tour and are now about to leave this wealth of architectural objects behind; but I sincerely hope that you may carry with you an awakening interest stronger than any you have experienced before, and that its working may lead every member of this Club to keep in mind the collection of models here reviewed, and to reserve a fair portion of his time for their examination if he should ever come within the limits of New York City. If I have in the slightest way excited such a desire and it leads to an actual effort to see for yourselves, I will feel that my attempt at popularizing the grand collection has been amply repaid.

I do not know whether the Willard Commission are yet prepared to say what other famous buildings are on their list for future acquisition, but it can hardly be doubted that wealthy connoisseurs in architecture will gradually supply the means for realizing their patriotic ambition to make the Architectural Department of the Metropolitan Museum of Art the most complete in ex-



istence for the student and the most delectable for the public.

In closing, I quote from an article that appeared in the *New York Tribune*, under date November 4th, 1889, bearing on the winter opening of the Museum in that year, when the early acquisitions of the Willard Commission were placed on exhibition.

*New York Tribune, November 4th, 1889 :*

"The art of architecture has received no recognition in this country so appropriate as that implied in the Willard collection of architectural casts exhibited at the Metropolitan Museum.

\* \* \* \* \*

"We emphasize the consequence of this collection not only because of its immediate value to students, and its instructiveness for the general public, but also for its distinction as a collection unequalled in this country and designed ultimately to equal or surpass the collections of Kensington, Berlin and the Trocadero. This counts for much ; but we think special emphasis should be placed upon the value of such a public gift as a formal recognition of the dignity of architecture as an art. This may seem to imply a truism, and yet architects know that we have not yet fully outgrown the conception of architecture as a trade, of the architect as a mechanical designer, often ranked directly with the builder.

"Thus the Willard collection of architectural classics, occupying a conspicuous place in our largest Museum of Art, may be relied upon for an influence educational in more ways than one."

I quote also the following letter from General Cesnola to Mr. Bloor, and excerpts from several of the annual reports of the Art Museum, showing its appreciation of the commission's labors :

METROPOLITAN MUSEUM OF ART, CENTRAL PARK,  
OFFICE OF THE DIRECTOR,  
New York, December 18th, 1891.

*A. J. Bloor, Esq., Member of the Willard Commission :*

MY DEAR SIR—I take pleasure in enclosing herewith a copy of the resolution appointing (at your request) the agent of your commission, Mr. Pierre L. LeBrun, a member of the Special Committee on Casts, which I beg you will have the kindness to hand him.

Permit me at the same time to express my appreciation of and congratulation for the efficiency and skill with which the commission have hitherto carried out the work entrusted to them under the will of Mr. Willard, by the appointment of the New York Chapter of the American Institute of Architects. Their selection and ordering of casts has been such as not only to attract the popular eye and serve the student of art, but to call forth expressions of the highest approbation from experts on both sides of the Atlantic; while a conspicuous portion, notably the models of the Parthenon at Athens the Pantheon at Rome, and the Temple at Karnak, in Egypt, have elicited the profoundest admiration of savans of the highest order in France and Germany.

The Museum's committee, while having, as their sole office in the matter, the mechanical duties of receiving, unpacking and setting up the casts procured by your commission, would doubtless express the like appreciation of the value of your commission's services, as well as their thankfulness that so responsible and delicate a burden fell upon such competent and able shoulders.

With sincere good wishes, I remain,

Very sincerely yours,

L. P. DI CESNOLA, Director.

*From 22d Annual Report, 1891 :*

"The Willard Commission has, during the past year, been reaping the fruits of its nine years' activity. The model of the Parthenon at Athens was followed by a

model of the facade of Notre Dame Cathedral at Paris and one of the Arch of Constantine at Rome; while lately a partly restored fac-simile of the Choragic Monument of Lysicrates at Athens has been added, together with a large model of the Pantheon at Rome, and a model in colors of a portion of the Temple of Karnak, at Thebes in upper Egypt. These beautiful objects constitute the latest advance and supreme attainments in their line. They elicited expressions of surprise and admiration from scholars in France and Germany before their dispatch to this country, and now, set up in the central hall of the Museum, they not only guide the art student who cannot go abroad, but prove a powerful stimulus in awakening a love of art. The results, so far, of the efficient labors of the Willard Architectural Commission, consisting of three members of the New York Chapter of the American Institute of Architects, Messrs. N. LeBrun, A. J. Bloor and the late E. T. Littell, and the selections made by them through their agent, Mr. P. L. LeBrun, have been in the highest degree satisfactory to the trustees, and the commission well deserves our acknowledgments."

*From 23d Annual Report, 1893 :*

"In pursuance of the policy thus laid down, the committee reorganized the instruction in architecture, restricting it entirely to architectural draughtsmanship with a view to the systematic study of the Willard Collection of Architectural Casts and Models. This class is now in excellent condition and has been placed in such relations with the architectural instruction given at Columbia College as to fill an important place hitherto unoccupied, and to supply a want keenly felt by the profession."

#### NEW BOOKS.

BUILDING SUPERINTENDENCE. By T. M. Clam, F. A. I. A. McMillan & Co., 66 Fifth Avenue, New York. \$3.00.

The twelfth edition of this valuable manual for young architects (and old ones, too) has just appeared. This book is a complete manual of building and construction, and is almost as valuable to the office force as to the superintendent. It is written in an easy, pleasant style, free from all unnecessary technicalities. The reader is taken step by step through all the operations of building, and those points requiring special attention are carefully pointed out. Three practical examples are taken as illustrations: the construction of a stone church, wooden dwelling houses, and the construction of a town hall; and in each case the various workmen are followed closely from beginning to end. The articles on stone masonry, on chimneys, on wooden barns and on plastering are particularly valuable, as also those on roofing and painting. The book also contains a model specification and a contract and bond for building. The articles on heating discuss, practically and scientifically, the several methods, furnaces, steam and hot water, supplying all formulas necessary for the successful planning of a heating plant by either system.

The volume is concluded with a good alphabetical index, without which no work is of any practical value as a handbook.

THE old Speedwell Iron Works, Morristown, N. J., came near destruction by fire recently. This old establishment has a history. It was erected just at the close of the Revolution by Judge Steven Vail. On the second floor of the building Prof. Samuel F. B. Morse and young Alfred Vail worked for years to perfect the electromagnetic telegraph instrument. On the same floor, in 1836, the first successful tests were made, and the nails used to support the wires are still sticking in the beams and joists. In the same building the machinery for the steamship Savannah, the first to cross the Atlantic was built, and the wheels of the first American-built locomotive were made there. The bell in the belfry was cast before the Revolution. It was cracked in the fire and will be recast.



## THE ADVANCEMENT MADE IN RESAWING MACHINES.

Twenty years ago the band resaw consisted of nothing else but the two wheels, power feed rolls and plain guide. About 8,000 feet per day was considered a big day's work. The machine that was displayed at the World's Fair at Chicago by the Egan Co. of Cincinnati, Ohio, cuts over 40,000 feet per day. The difference in the two outputs is the advancement made in the twenty years past. On the old band resaw the wheels had wooden rims, rubber covering, narrow blade, small feed rolls, which were then considered necessary to make a first-class band resaw. Practical experience, however, has taught the makers that the old arrangement was all a mistake. Large wheels, iron rims, wide blades, large feed rolls, friction feed and roller guides are now necessary to make a first-class, practical band resawing machine. The changes were brought about largely by the introduction of the band sawmill. In 1880, the Egan Company made a band mill with a blade 4" wide and 78" wheels, wooden rims to the wheels, plain guides, and in practical operation carried a feed of 2" to a revolution of the blade. This was considered a great performance, and it cut in the neighborhood of 5,000 to 6,000 feet per day of ten hours. But the improvements came, and with larger wheels, iron rims, lower wheel heavier than the upper, wider blades and roller guides the band mill of the present cuts all the way from 50,000 to 60,000 feet per day without any trouble whatever. The band resaw now requires but ordinary help to run it, and about the only care that has to be exercised at all is the care of the blade. With this properly attended to the resaw of the larger size, as mentioned above, will cut anywhere in the neighborhood of 40,000 feet per day, and the smaller size, viz.: No. 5½, cuts all the way from 20,000 to 30,000, and using a 6" blade to do it with. Band resaws are rapidly supplanting the circular resaw on account of their superior advantages and conveniences.

## AN IMPORTANT ITEM.

Many architects in making out their specifications for a building frequently overlook one important thing—it is such a small item that they never give it a thought. That is the sash pulleys. How important it is that they should specify pulleys that will not wear out the rope, chain or ribbon, and that are noiseless. The cost of such pulleys for the average house would not be over one dollar for the entire building, and what amount of money and trouble that one dollar would save the owner in a few years. We notice now that a great many of the architects are looking more closely after their sash pulleys, thanks to C. Sidney Norris & Co., of Baltimore, Md., sole manufacturers of the well-known Norris pulleys. Norris & Co. started the pulley business with the idea that first-class goods would, in the course of time, take the place of cheap inferior goods, they have so well earned their present reputation, that every architect in the country that gives sash pulleys a thought recognizes the Norris pulleys to be the best in the world. To all those who are not acquainted with the Norris pulleys we say write to Norris & Co., Baltimore, Md., for samples, and we think you will never use any other pulleys; you will save your clients money and annoyance.

## A VERITABLE WONDER.

Up to a short time since, multiple mortising at one operation was unknown. The old way to make a number of mortises required a similar number of operations, or, more plainly, for every mortise it was necessary to make it at a single operation, so that six mortises in a single piece had to be made in six operations. But how different now. The Multiple mortising machine of the Egan Co., of Cincinnati, Ohio, is really a magnificent specimen of ingenuity. The machine is entirely new as a whole, and, in other words, any number of spindles can be run at one and the same time, making mortises of different lengths, different widths and different depths, thereby entirely dispensing with the laying out of the work. The machine leaves the mortise entirely free of chips. It is one of the greatest labor and time-saving mechanisms ever brought out.

One of the oldest and most enterprising banks in Northern New York, is the Vilas National Bank of Plattsburgh, which was organized in 1864. This bank has recently purchased new railings and counters of the latest designs, the counters being of finely polished white oak and the grille work consisting of a flat crimped metal finished in antique copper, the wickets being of polished brass and highly ornamental. The entire outfit was furnished by the well-known firm of E. T. Barnum, of Detroit, Mich., who has been in this business since 1866, and who has supplied many of the largest and finest banks in all parts of the country with this class of work. In sending Mr. Barnum this order, the Plattsburgh Bank wrote him as follows: "Your estimate is satisfactory and much more clear and complete than any other we have received, and we wrote all advertisers in your line." Mr. Barnum publishes special catalogues of the various classes of goods which he manufactures, comprising bank and office railings, iron and wire fencing, steel jail cells, roof cresting, stable fittings, wire cloth, weather vanes, vases, settees, etc., which he will be glad to send to anyone who contemplates purchasing anything in this line.

## AN IMPORTANT COURT DECISION.

Judge Rufus B. Smith, of the Superior Court, yesterday morning handed down his decision in the case of the Walker Paint Company against the Anchor White Lead Company.

The case, which was closed some ten days ago, lasted nine weeks, and testimony was offered from various parts of the country, while some of the heaviest legal pounding done in the court house for a good long time was that indulged in by the attorneys on both sides of the important suit. Judge Smith dismisses the petition of the plaintiff. The Walker Paint Company sued the Anchor White Lead Company and the Eckstein White Lead Company in August, 1891, claiming that the defendants were using false analyses of the plaintiff's goods; that the plaintiff did not use barytes in its alleged pure oxidized white lead, and that the defendants were issuing circulars containing chemists' analyses showing the goods of the plaintiff to be adulterated with barytes. Action was brought for an injunction and \$50,000 damages. Judge Smith was rather severe in his remarks. His decision will attract widespread attention, in view of the fact that the case involves much more than shown on the face of the petition. The attorneys in the case were: Plaintiff, Jos. B. Foraker, Charles Prior, Frank H. Kinney, Drausin Wulsin, and Frank O. Suire, for the Anchor White Lead Company, and Elliott H. Pendleton for the Eckstein White Lead Company. Judge Smith gave judgment for the defendants and dismissed the plaintiff's petition. The gist of the Court's decision is as follows:

## JUDGE SMITH'S DECISION.

"In the length of time which this case has taken, ten weeks, in the stupendous proportions which the record has reached by reason of the volume of testimony, depositions and exhibits, in the absolute contradiction in many parts of the testimony, and in the sensational surprise which resulted from the testimony of two of the witnesses, and in the zeal, perseverance and apparent conviction of the respective counsel in the justice of their cause, the case presents features which mark it as a case which may justifiably be characterized as extraordinary. The defendants admitted that they had published the analysis complained of, and their principal ground of defense was that the statements contained in the analysis were true, and that the plaintiffs, as manufacturers of white lead, under their different brands, had, during the years 1889 and 1890, notwithstanding their statements to the contrary, used barytes as an adulterant. The defendants further claimed that having had numerous analyses made of the product of the plaintiff, all of which showed the presence of this adulterant, they were justified in publishing these analyses for the purpose of informing the trade and the public generally of the fact that the plaintiff's goods were adulterated. Nearly fifty different analyses were introduced in evidence on both sides, and in those made of goods manufactured prior to August, 1891, the presence of barytes as an adulterant was almost invariably shown. The plaintiffs attempted to establish, by the testimony of its officers and three of its employees, that no adulterant had ever been put in its goods, but the Court find that the analyses show conclusively that such was not the fact.

## THE GOODS WERE NOT ADULTERATED.

"The Court finds that the claim of the plaintiff that the defendants tampered with or caused to be adulterated any of the kegs of the plaintiff's goods is wholly unfounded and unsupported by any evidence worthy of belief. The Court further finds that the testimony of Alex. Matthews is entitled to no credit whatever, and that the testimony of William B. Burke was as deliberate a case of perjury as has ever been attempted in a court. The Court further finds, after excluding from its consideration a number of the analyses, not because there is any question as to their correctness, but as it is unnecessary to follow them, that the evidence shows that the plaintiff did adulterate its goods in the years 1889-1890, as shown by the analyses made by the different chemists which the defendants caused to be published and circulated."

Judge Smith, in concluding his written opinion of a very lengthy written document, says: "In conclusion, my finding is that by a clear preponderance of the evidence the defendants have established, and to my mind beyond all reasonable doubt they have proven, that during the years 1889 and 1890 when the analyses complained of in the petition were made, that the plaintiffs were sending out goods as first-class which were adulterated with barytes; that the analyses complained of in the petition are true, and that the petition should be dismissed upon that ground. It is therefore unnecessary that I should consider the other defenses made by the defendants."

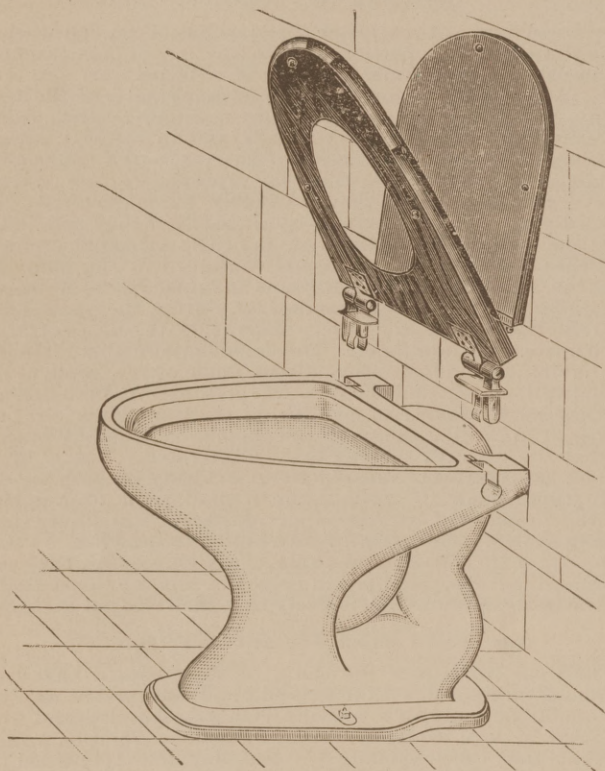
The decision, owing to the prominence of the parties involved, is of international importance and interest.—*Cincinnati Commercial Gazette*, May 29.

A series of experiments is soon to be inaugurated at Newport, R. I., by the well-known engineers and sanitary specialists, Messrs. Waring, Farquhar and Chapman, for the clarification of sewage. For this purpose they are to erect works at the end of Briggs Wharf. The series of tests are expected to be continued over several months. It will be their effort to so purify the sewage water that it can be emptied into a stream without injuring the water for drinking purposes. This they expect to accomplish by aeration and filtration.



## THE NEW "ALBO" DETACHABLE SEAT.

The well-known firm of Haines, Jones & Cadbury Co., of Philadelphia, have recently devised a most unique and valuable water closet seat attachment known as the "Albo" detachable seat. This company is fully in accord with the idea that "all open" fixtures are not only the most sanitary, but the most satisfactory, and they also fully appreciate the fact that fixtures should be made so that they can be readily taken apart for cleaning or repairs. As applied to a closet, we find these ideas embodied in the "Albo" seat. As shown in the accompanying illustration, the earthen bowl is made with two small oval holes at the back of the closet which extend down into the earthenware about one inch. These holes are made larger at the bottom than at the top. Into them are placed brass trunnions fitted with special springs. When the trunnions are placed in the closet, the springs expand, and the seat is held firmly and securely in place. The construction of the seat is very simple, and it will not get out of order. It gives promise of being the most popular seat ever offered to the trade. With the "Albo" detachable seat they not only do away with the unnecessary dirt-absorbing woodwork at the back of closet, but also present a seat in every way a perfect sanitary success. The "Albo" allows of an "all open" space at the back between closet and wall, thus giving free access around the bowl at all times. The seat itself is made of the best seasoned hard wood, and is warranted not to split or warp. It is neat in design, and the general effect of a water closet fixture is greatly enhanced by the "Albo" seat, the appearance of which is a vast improvement on the old style of seat, lid and back. There is still another feature of the "Albo" seat which places it in a class by itself, far in advance of any



other water closet seat. It is detachable. By simply putting the seat in a vertical position at right angles to the earthenware and gently lifting, the seat can be detached, and you are free to wash all parts of the closet without any hindrance whatever. This we think is a very valuable feature, and will recommend the seat to every thoughtful person, but it will be especially appreciated by those who have the oversight of closets in public places and large institutions, where the closet should be thoroughly cleaned every day. When closets are placed in marble or slate stalls, the seat can be detached and washed from a hose turned on the closet without fear of damaging its woodwork. Any of the H., J. & C. Co.'s closet specialties can be had with this seat attachment. We are very glad to see and feel like congratulating the firm on the fact while they have a very superior seat in the "Albo," they are not going to kill it by putting the price so high that no one can buy it. The 1½" "Albo" seat made in oak, antique oak, walnut, ash, cherry, both natural and stained, is to be listed at \$8.25. The "Albo" seat used in connection with their "Hajoca" syphon-jet closet, shown in the accompanying cuts, makes an outfit which we believe has no equal.

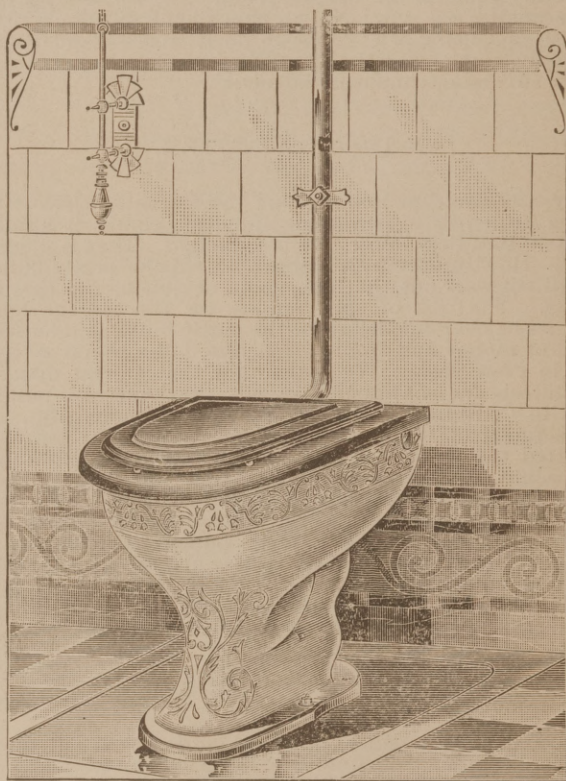
The *Iron Age* states that the domestic tinplate manufacturers report an active demand for every pound they are able to produce, whether of bright or roofing tin. The quality of American tinplates generally is so good that consumers prefer them and ask for them, and take imported plates with reluctance, if they cannot get the domestic. The wages for this class of labor in the United States is about double that paid in Great Britain. There appears to be continued steady work for all. One of the largest manufacturers—Messrs. N. & G. Taylor Co. of Philadelphia—state that their output last week was the largest since they started their works about two years ago.

## A TIMELY CONSIDERATION.

Now that manufacturers have had the opportunity during the quietness in trade just passed to look closely into the methods employed in the management of their business affairs, they are prepared to start in with the revival in business better equipped than ever to win that favor and patronage which all desire. This could not be accomplished did not the advertising department receive the thought and attention which it properly requires and deserves. To those busy manufacturers who, while recognizing the necessity and profitability of advertising, do not see their way clear to give it the time and attention upon which its value largely depends, we recommend the services of the Manufacturers' Advertising Bureau and Press Agency, 111 Liberty St., New York City.

This business was established a number of years ago by Mr. Benj. R. Western, a veteran in trade journalism, and expert in all matters relating to trade journal advertising. Its purpose is to take entire charge of the newspaper work and advertising department of large manufacturers, giving them the benefit of its rare experience in such matters, and insuring a profitable return for the moneys invested under its care and direction. Profitable advertising is an art acquired only by diligent study and long experience, and we speak with the full appreciation of what we say in commending the services of this concern where the best results are desired. Mr. Western gives his personal attention to the interests of his clients, and aided by an efficient corps of coworkers, conducts their advertising aggressively, and by a system singularly attractive and productive of good results.

Among the representative concerns numbered in the list of



patrons of the Bureau, we notice the following: New York Belting & Packing Co. Ltd., New York City; Guild & Garrison, Brooklyn, N. Y.; Fishkill Landing Machine Co., Fishkill, N. Y.; Farrel Foundry & Machine Co., Ansonia, Conn.; Gorton & Lidgerwood Co., New York City; The Okonite Co. Ltd., New York City; Wm. Taylor & Sons, Brooklyn, N. Y.; The James Leffel & Co., Springfield, Ohio; Goubert Mfg. Co., New York City; Weston El. Inst. Co., Newark, N. J.; C. W. Hunt Co., New York City; Wm. Jessop & Sons, Sheffield (Eng.) and New York City; Continental Iron Works, Brooklyn, N. Y.; T. F. Rowland, Brooklyn, N. Y.; The Crocker-Wheeler Electric Co., New York City; Chrome Steel Works, Brooklyn, N. Y.; Lidgerwood Mfg. Co., New York City; Abendroth & Root Mfg. Co., New York City; M. T. Davidson, Brooklyn, N. Y.; Bucyrus Steam Shovel & Dredge Co., South Milwaukee, Wis.; Ironclad Mfg. Co., New York City; H. A. Rogers, New York City; James Macbeth & Co., New York City, and the Hendrick Mfg. Co. Ltd., Carbondale, Pa.

The Manufacturers' Advertising Bureau and Press Agency enjoy the pleasantest of business relations with the trade journals, both in the United States and abroad, and places the largest amount of trade journal advertising of any one concern in the world.

The Sulzer-Vogt Machine Co., of Louisville, Ky., have just received an order from W. B. Belknap & Co., hardware merchants, Louisville, Ky., for one of their improved electric freight elevators, to be placed in their wholesale department. If there are any of our readers contemplating purchasing any kind of elevator, belt, electric or hand power elevator, they would do well to write them for catalogue and prices.



**I**N paint the best is the cheapest.—Don't be misled by trying what is said to be "just as good," but when you paint insist upon having a genuine brand of

## Strictly Pure White Lead

It costs no more per gallon than cheap paints, and lasts many times as long.

Look out for the brands of White Lead offered you; any of the following are sure:

"ANCHOR" (Cincinnati).	"JEWETT" (New York).
"ARMSTRONG & McKELVY" (Pittsburgh).	"KENTUCKY" (Louisville).
"ATLANTIC" (New York).	"JOHN T. LEWIS & BROS. CO." (Phila.)
"BEYMER-BAUMAN" (Pittsburgh).	"MORLEY" (Cleveland).
"BRADLEY" (New York).	"MISSOURI" (St. Louis).
"BROOKLYN" (New York).	"RED SEAL" (St. Louis).
"COLLIER" (St. Louis).	"SALEM" (Salem, Mass.)
"CORNELL" (Buffalo).	"SHIPMAN" (Chicago).
"DAVIS-CHAMBERS" (Pittsburgh).	"SOUTHERN" (St. Louis and Chicago).
"ECKSTEIN" (Cincinnati).	"ULSTER" (New York).
"FAHNESTOCK" (Pittsburgh).	"UNION" (New York).

**FOR COLORS.**—National Lead Co.'s Pure White Lead Tinting Colors.

These colors are sold in one-pound cans, each can being sufficient to tint 25 pounds of Strictly Pure White Lead the desired shade; they are in no sense ready-mixed paints, but a combination of perfectly pure colors in the handiest form to tint Strictly Pure White Lead.

A good many thousand dollars have been saved property-owners by having our book on painting and color-card. Send us a postal card and get both free.

NATIONAL LEAD CO., New York.

## Building Notes.

### BUSINESS BLOCKS.

**Atlanta, Ga.**—G. W. Foote, architect, has made plans for a brick business block for Collier Bros., to be erected corner Houston and Hilliard streets, at a cost of \$4,000.

**Houston, Tex.**—Mr. G. W. Cogan has had plans made for a two story frame store, to be erected on the corner of Hardy and Loraine streets, to cost \$2,000.

**Crecent City, Fla.**—Mr. C. H. Preston is putting up a brick building on Central avenue.

**Taylor, Tex.**—The Taylor National Bank will receive bids for a three story bank building, Alamo Heights. Bank reserves right to reject any or all bids. Taylor National Bank.

**Georgetown, Va.**—Foley & Co. will construct a new house from plans prepared by Architect J. H. McIntyre.

**Welch, Va.**—The subscribers to the stock of the Bank of Welch, to be established at Welch, have decided to begin business at the earliest practicable moment and to erect a fine bank building.

**Rome, Ga.**—Rounsaville Bros. will build a four story brick building on Second avenue.

**Culloden, Ga.**—Jones & Battle will build a brick warehouse.

**Americus, Ga.**—Locket Bros. will build a brick block. The building will be two stories, with well arranged sleeping rooms above.

**Waxabatchie, Tex.**—Work will soon begin on two new brick buildings in Ferris.

**Lavilla, Fla.**—S. Genovar is having a large store built at the opposite corner of his old stand.

**Raleigh, N. C.**—Mr. Frank Stronach will erect a handsome brick business house.

**Benton, Ark.**—The Saline County Bank, capital \$25,000, has been incorporated by W. H. Cooper, S. W. Smith, Jr., F. W. Smith, John L. Hughes, Fred W. Bush, John F. Shoppach, Henry T. Caldwell,

John F. Shoemaker, James K. Bell, David H. Womack and Tom M. Mehaffey.

**Fayetteville, N. C.**—Mr. Herbert Luterloh will erect a handsome building on the lot on Gillespie street, formerly occupied by the grocery store of Q. K. Nimocks & Co., but which was made vacant by the great fire last November a year ago.

**Salem, N. C.**—H. A. Giersh has contracted with Fogle Bros. for the erection of a two story brick building on the F. & H. Fries site, Main street. The building will be 30x80 feet, with pressed brick and plate glass front.

**Dallas, Tex.**—Henry Brashear will build a three story office and store building, at a cost of \$20,000.

**Quitman, Ga.**—Messrs. Burke & Renfroe will shortly greatly improve their part of town with a large new building, to be erected where the old shop now stands.

**West Point, Miss.**—A large building, to be known as the Davis Block, will be erected.

**St. Louis, Mo.**—Marie Patterson, by the architectural and building firm of H. E. Roach & Son, will erect a five story improvement on the southwest corner of the alley crossing Locust, between Seventh and Eighth streets. While building this, the front of the premises next adjoining is to be taken out and remodeled to conform with the architectural lines of the new building to be erected at the corner of the alley. Mr. Roach is also going to erect a four story building at the northwest corner of the alley crossing Pine street, between Seventh and Eighth streets.

**Bristol, Va.**—Shortly after the fire which destroyed Dr. Hicks' fine business block on Main street, opposite Pitzer's, the doctor announced that he would rebuild. Work has already begun on one of the buildings. It will be built upon a part of the old walls, but extend back several feet farther.

**Fort Worth, Tex.**—L. Black, of Buena Vista, Cal., will erect a handsome block of buildings.

**Little Rock, Ark.**—The Bunch work-house burned last week. Will be rebuilt.

**Galveston, Tex.**—There is to be a handsome three story brick building erected on

Texas avenue in place of the old rookery that stands on the lot adjoining the one on which the new Binz six story brick is to be erected, corner of Main street and Texas avenue. It is to be done by Hon. D. C. Smith.

**San Francisco, Cal.**—There is another large building contemplated for Market street, in addition to the three big ones now in course of construction. The aggregate cost will be over \$1,250,000.

### BRIDGES.

**Young County, Tex.**—One of the bridges recently constructed by the Chicago Bridge and Iron Company of Chicago, for Young county across the Brazos river, at a cost of \$13,500, washed away.

**Wood County, Tex.**—By order of the commissioner's court passed by the recent regular term, notice is hereby given to all whom it may concern, that the contract to build two bridges, one across Sandy creek on Mineola and Simpsonville road near Pine Mills, to be about 650 feet long, the other across Lake Fork on the Quitman and Emory road at the old George crossing, to be about 100 feet long, will be let, at public outcry to the lowest and best bidder at the court house door, on Monday, June 11th.

**Montgomery, Ala.**—Work will begin in a few days upon a new bridge to be constructed across Connelley's Bayou.

### CHURCHES.

**Valdosta, Ga.**—Contractor S. G. Slack has closed a trade with the committee, having charge of the building of the new brick Methodist church in Valdosta, for its construction. Mr. Slack's contract price is \$9,800, but does not embrace an entire completion of the building ready for use. Pastor Anthony estimates that the building complete will cost \$13,000.

**Leesburg, Fla.**—A \$3,000 Methodist church is now in contemplation here.

**Forest City, Ark.**—A contract has just been let to a Memphis builder, by the building committee of the vestry of the Episcopal church, for the erection of a handsome new church building in this city. The building will cost \$1,500 or \$2,000.

**St. Louis, Mo.**—The corner stone of the new Church of Our Lady of Good Counsel, at the southwest corner of Eleventh and Destrehan streets, has been laid.

**Pacolet Mills, S. C.**—The Methodists are making all their arrangements to build a house of worship.

**Roanoke, Va.**—The contract for the erection of the new Methodist church in Atlantic City Ward—the Lekies Memorial—has been awarded to Messrs. Bolton Bros. Cost about \$6,500.

**Baltimore, Md.**—A building permit has been issued to the West Baltimore M. P. Church to add a story sixteen feet by sixty feet to its building at the southwest corner of Lafayette avenue and Gilmer street.

**Oscar, Bell County, Tex.**—An effort will probably be made in the near future to build a new church at this place.

**Asbury, Va.**—The contract for building the new LeKies Memorial church will be let soon.

**Blue Ridge, Tex.**—The Missionary Baptists of the same place have raised the means and are about to let the contract for a commodious and handsome house of worship.



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CHICAGO, ILL.

**Glasgow, Ky.**—A new church will be built here by the Baptists.

**Huntsville, Walker Coun'y, Tex.**—The belfry of St. Stephen's Episcopal church was struck by lightning recently and the building set on fire. Loss covered by insurance.

**San Francisco, Cal.**—Extensive improvements are in progress in St. Joseph's church, on the corner of Tenth and Howard.

**Tifton, Ga.**—The new Baptist church at this place was burned recently. The church had just been completed at a cost of \$6,000. The loss is keenly felt by the congregation, but it will be rebuilt at once.

**Norfolk, Va.**—The workmen are making excellent progress on the new Methodist church on Freemason street.

**Alameda, Cal.**—The Catholics of Alameda, under the pastoral charge of Rev. John Sullivan, have adopted plans for a new church. It is estimated that the entire cost of the building will be in the neighborhood of \$20,000.

**San Francisco, Cal.**—R. A. Van Depavert has taken contract for first portion of St. Antoninus Church at a cost of \$23,500.

**Lisbon, Ga.**—The Methodist church and academy, valued respectively at \$1,100 and \$900, were destroyed by incendiary fires. The church was unfinished.

**Austin, Tex.**—Leininger Church, of the Evangelical Lutheran confession, Llano county, has been incorporated.

**Huntsville, Ala.**—Bids will be opened for the erection of Baptist church.

**Riverside, Fla.**—The Woman's Guild of the Church of the Good Shepherd are collecting funds to build a new church.

**Washington, D. C.**—Calvary Baptist Church will very soon undergo extensive improvements. The congregation has the matter under contemplation and will expend quite a sum in carrying out the plans in view. Architect James G. Hill has charge of the proposed work.

The vestry of St. Andrew's Church has called for new bids for the erection of the proposed church edifice.

**Wolfe City, Tex.**—The Baptists will build a church, colleges and schools.

**McKinney, Tex.**—A \$10,000 edifice will be erected by the Methodist Episcopal Society.

**St. Louis, Mo.**—Grace Presbyterian church, at Goodfellow and Theodosia avenues, proposes to build a new edifice at southwest corner of Ridge and Goodfellow avenues. G. Heimbarger, of 418½ Olive street, is architect. Contract not let; to cost \$12,000, one story high, pressed, moulded brick, stone trimmings, steam heat, ornamental glass, electric light, slate roof, hard wood finish, copperwork, incandescent electric light, interior decorating, vestry mantels of wood, gas fixtures, plumbing, pews, church bell, pipe organ and piano.

**Aurora, N. C.**—Rev. J. J. Barker informs us that \$1,210 has been subscribed to the church. He hopes to begin work on the same by July.

**Marlin, Texas.**—Father Barthelom, of Waco, arrived this morning, and has closed a contract for lumber to build a Catholic church on their lot here.

**Pine Bluff, Ark.**—Contractor Pat Powers of this city has been awarded the contract for the First Presbyterian church of Pine Bluff.

**Waxahatchie, Tex.**—J. W. Gainer can give information concerning a new church to be built here at a cost of \$1,600.

**Citra, Fla.**—A Baptist church to cost \$2,500 is to be built at Citra.

**St. Joseph, Mo.**—A permit has been issued the M. E. Church, South, brick church on Fifth and Olive, \$6,500.

**Valdosta, Ga.**—The contract for building the new Methodist church was postponed for a few days.

**McKinney, Tex.**—The colored Methodists of McKinney will lay the corner stone of their new brick church June 10th.

**St. Joseph, Mo.**—The corner stone of the new Olive street Methodist church, corner Fifteenth and Olive streets, has been laid.

**Houston Tex.**—G. T. Macon has contract for the erection of a \$5,000 church for the Christian congregation.

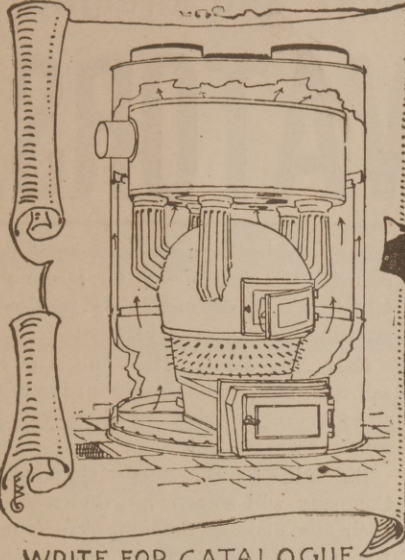
The Presbyterian congregation will build a stone church.

**Columbia, S. C.**—The Ladson Presbyterian church, Columbia, S. C., will erect a new edifice to cost about \$8,000.

**Elkin, N. C.**—Contractor Williams is pushing the work on the Presbyterian church.

**Galveston, Tex.**—There was a meeting yesterday of the special committee to examine the plans for the new house of worship of Grace church, recently endowed by the late Henry Rosenberg in the sum of \$30,000. There were several plans submitted by local architects. The committee held a short session and adjourned without selecting any plan. Mr. McFee, an architect, has been secured





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WRITE FOR CATALOGUE

by the special committee and will aid them in selecting a plan. Local architects are very much interested in the outcome of the matter. It is expected that the committee will be called together in the next day or two and the plans selected.

**East St. Louis, Ill.**—The contract for the foundation of the St. Elizabeth's Catholic church in Winstanley Park, has been let to Wm. Emerich, of this city, and Frank Tarantine, of St. Louis, for \$2,000. The foundation is to be 60x148 feet.

**Rev. E. E. Hertzler**, presiding elder of the German M. E. Church for the Belleville district, has been in East St. Louis looking for a site for a new church.

**Weatherford, Tex.**—The congregation of the First Baptist church have decided to build immediately a church edifice to cost not less than \$10,000.

**Arlington, Tex.**—The Christian congregation will build a church.

**Lexington, Tenn.** The Ladies' Aid Society of the C. P. Church have bought a lot to build a church on.

**Baltimore, Md.**—The corner stone of the \$20,000 stone church, which is being erected for the congregation of Appold Methodist Episcopal church at the southeast corner of Chase and Washington streets, has been laid.

**Courtland, Ga.**—The Methodists have concluded to have a larger place of worship.

**Knoxville, Tenn.** Baumann Bros., architects, of Gay street, Knoxville, Tenn., have prepared plans for a church to be erected at Beans Station, to cost \$1,500. Contract not let.

**St. Augustine, Fla.**—The Baptists have succeeded in raising much more money than was at first expected, and will build a church to cost not less than \$20,000. Plans and specifications have been drawn up and work will commence within the next month.

**Tifton, Ga.**—Baptist church, loss \$5,000. Caused by incendiary. The insurance \$3,000.

**Washington, D. C.**—The corner stone of a granite Protestant Episcopal church, corner Eighteenth street and Madison place, was recently laid.

#### COLLEGES AND SCHOOLS.

**Paradise, Tex.**—The citizens of Paradise will build a schoolhouse.

**Asheville, N. C.**—Mrs. Mirage Allen, of London, England, has sent a check for \$1,000 to be used in founding a cooking school at Asheville, N. C.

**Austin, Tex.**—There is a movement on foot to establish a Presbyterian university in Texas that will compare with any school in the East. It will have a \$2,000,000 endowment, and \$20,000 has already been subscribed. It will be the joint work of the two Texas synods.

**Fairmount, Ga.**—There is now a move on foot among the citizens of Fairmount and vicinity to build and equip a college at that place.

**Wayercross, Ga.**—The money for a new school building at Hazzard's hill is being furnished by the city. The house will be built of wood at a cost of \$3,000.

**Auburn, Ala.**—The Percy Rainey College is a certainty. The trustees of the Mulberry High School have decided to erect a \$5,000 building.

**West Point, Miss.**—The Mississippi synod of the Cumberland Presbyterian Church met at Cedar Bluff recently and decided upon West Point as the location for their new female college. The sum of \$25,000 will be expended in buildings, \$10,000 of which was given by the enterprising citizens of West Point. Work on the building will begin at once.

**Arlington, Tex.**—Five thousand dollars have been subscribed to the college.

**Stillmore, Ga.**—Nearly five thousand dollars have been subscribed towards erecting a college building.

**Boaz, Ala.**—Boaz, Ala., wants a schoolhouse and has raised \$600 by popular subscription to secure that end.

**Rusk, Tex.**—The Masonic lodge of this place laid the corner-stone of the new Baptist college here on June 5.

**Raleigh, N. C.**—There will be built at the A. & M. College an annex to the mechanical building. The number of students expected next September warrants the building of this annex, and also that of a large twenty four room dormitory.

**Culloden, Ga.**—A handsome college building is being erected.

**Riverside, Ga.**—The people of this community anticipate building a new schoolhouse.

**West Point, Miss.**—The establishment of the Southern Female College is no longer a speculation, West Point having met the requirements of the commission, and raised the \$10,000 necessary, which was done by individual subscriptions.

**Fayette, Mo.**—The corner-stone of the new Central College building in this city will be laid Tuesday, June 19.

**Forrest City, Ark.**—As stated two days ago, the school board has located a site and will at once let contracts for the erection of a handsome stone and brick public schoolhouse. The board has some \$5,500 on hand, and the citizens will raise an auxiliary fund by private subscription, thereby swelling the available fund for this building to something like \$10,000. The board is determined to have a first-class modern building, with all conveniences and appliances, and to have the fall term of school in their new building.

**Buchanan, Ga.**—Ordinary J. W. Kelley is soliciting subscriptions for stock in the project of erecting a college building in Buchanan. Over half of the necessary amount has been placed.

**Social Circle, Ga.**—Provision has been made for the erection of a splendid two-story school building.

**Baltimore, Md.**—The bids recently opened to erect the new Western Female High School all exceeded the appropriation of \$100,000. The mayor asked the city council to grant a further appropriation of \$30,000, but the request was not acceded to. It has been suggested that the plans might be modified so that \$100,000 would be enough to build the schoolhouse.

**Cordele, Ga.**—The trustees of Freddie Shippe College will erect a new building.

**Ellijay, Ga.**—The people of East Ellijay have started a movement to build a college.

**Temple, Tex.**—Architects from all over the State are arriving and submitting plans for our new public school building.

**Forrest City, Ark.**—The school board of this city met recently and selected a site, and will at once proceed to build a handsome school building.

**Calhoun, S. C.**—Mr. Bruce, the architect of Atlanta, who planned Clemson College, estimates that it will cost \$30,000 to rebuild and will take three months.

**Bridgeport, Tex.**—Bridgeport is to have a fine schoolhouse.

**St. Joseph, Mo.**—Secretary Parker and Treasurer Geo. C. Hull of the board of public schools, received advices yesterday that the money for the \$200,000 St. Joseph school bonds had been placed to the credit of the treasurer of the board in



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# ELEVATORS.

New York city. The board will hold a meeting Tuesday evening to confirm the sale of the bonds.

**Fort Hill, S. C.**—Fire at Clemson College burned the main building. The loss is estimated at \$50,000; insurance \$20,000. The fire is supposed to be the work of an incendiary.

**New Orleans, La.**—A Catholic convent will be built on the woods side of Rampart street, a few squares from Canal.

**Ruston, La.**—Ruston wants an industrial school. Some \$70,000 has been subscribed towards the enterprise.

**St. Andrews, Fla.**—The St. Andrews public school gave an entertainment on the 23d inst., the proceeds of which will be devoted toward securing a building site for a public schoolhouse.

**Oxford, Miss.**—Chancellor Robert B. Fulton has secured from the United States Government a grant of fertile land for the benefit of the University of Mississippi, which, at the most conservative estimate, is worth \$115,000. This increases the endowment fund to about \$700,000. It is said they will make extensive improvements in the University buildings.

**St. Louis, Mo.**—The Board of Education at 9th and Locust streets will build an addition to the school at Henrietta and California avenues to cost \$16,000, from plans of G. Neumeister, of 2657 South 12th street, contracts not let, to include furnace heat, plumbing, desks and school bell.

Plans have been prepared for a four story medical college, for the Missouri Medical College, to cost \$40,000.

**Plano, Texas.**—The public school building, burned recently, will be rebuilt.

**East Point, Ga.**—The election to determine upon the issuance of \$7,000 of school house bonds, on Tuesday last, resulted in a unanimous vote in favor of the issue.

**Buchanan, Ga.**—Buchanan is to have a \$3,000 college.

**New Albany, Miss.**—New Albany is talking of building a \$5,000 school house.

**Knoxville, Tenn.**—The School Board recommend that 100 school desks be purchased.

**Paducah, Ky.**—Architect D. A. McKinnon has prepared plans for a brick and stone school building, to cost \$6,000. Contract not let.

Architect D. A. McKinnon has prepared plans for a brick and stone school building, to cost \$2,500. Contract not et.

**Ashland, Ky.**—Plans have been prepared for a \$40,000 school house to be erected at this place.

**Georgetown, Tex.**—The city council has authorized the issuing of \$20,000 bonds for the erection of a school house.

### CHARITY HOSPITAL.

In accordance with previous advertisement notice, is hereby given to builders desirous of contracting for the erection of a building to contain an amphitheatre and operating rooms, that plans and specifications are now on file at the treasurer's office and ready for delivery. Sealed proposals are invited for the erection of the building in accordance with the plans and specifications. Bids to be sealed and addressed to the President of the Board of Administrators and deposited with the Treasurer of the Hospital prior to 12 m., June 4, 1894. No bid will be received after the hour designated. Solvent security will be required from the successful bidder. The board reserves the right to reject any and all proposals.

Office Board of Commissioners, Orleans District, Room 14, Masonic Temple. Sealed proposals will be received at the office of this board up to 3 o'clock, June 1st, 1894, for the erection of the following named levee: Rear levee, second section, lake shore, from Bayou St. John to People's Avenue Canal. Bond required, \$5,000; deposit required, \$500. Bond will be required in the above named sum with (2), two sureties who will be required to make oath that they are each worth over and above liabilities and exemptions the amount of bond. Uncertified checks, drafts or warrants will not be received as deposits. The right is reserved to reject any and all bids. Other information as to location and character of work and terms of payment, as also blank forms of proposals, may be obtained at the office of the board. Felix J. Dreyfous, President, Frank Marquez, Secretary.

### DEPOTS AND RAILWAY IMPROVEMENTS.

**Galveston, Tex.**—B. F. Yoakum, general manager of the Gulf, Colorado and Santa Fe, and Tom M. Campbell, general manager of the International and Great Northern, have left for St. Louis to confer with General Manager Purdy, of the Missouri, Kansas and Texas, concerning the erection of a new union passenger depot here. The conference is at the solicitation of Mr. Purdy. A Galveston syndicate has made a proposition to build and equip the depot, which is to cost between \$60,000 and \$70,000, the railways using it to pay a fixed rate of interest upon the investment. The plans for the depot include offices for the railways in the second story and ample yard room for all roads entering it.

**San Antonio, Tex.**—A new depot and machine shops will be built if Bexor county gives a bonus of \$100,000 to the projected road.

**Dallas, Tex.**—A meeting held at Strother's hotel, in East Dallas, to consider the

matter of selecting a site for a depot and of securing the right of way for terminal facilities in that part of the city, resulted in securing the necessary location.

**East St. Louis, Ill.**—The Air Line railroad officials are considering the proposition to erect a depot on Broadway just south of the viaduct.

**Raleigh, N. C.**—North Carolina Car Company will soon begin the erection of their new plant at Raleigh. The foundry will be 82x172 feet. The car shop will be 36x120 and will give employment to a number of men.

### HOTELS.

**Pine Bluff, Ark.**—Plans have been prepared for a brick hotel containing twenty-two rooms, at a cost of \$8,000, for Mrs. S. Parse. T. Smith, builder.

**Lawrenceville, Ga.**—T. L. Ambrose will build a brick hotel. Work on the building will be begun just as soon as the brick can be made. This will probably require five or six weeks.

**San Sabo, Tex.**—James Dofflemyre, owner of the Dofflemyre hotel, which burned here last Friday night, will rebuild soon.

**Port Tampa, Fla.**—The Plant System will move the Inn to Picnic Island at a cost of \$1,500. The ground about the Inn will be beautified, making delightful pleasure grounds, and an addition to the Inn may be also made in time for next season's business, giving Tampa a seaside resort that will be unsurpassed in the State.

**Cumberland Island, Ga.**—Cumberland Island, between Fernandina and Brunswick, is to have a new hotel. It is to cost \$2,500,000, and will have six hundred rooms, and will be an all year house. It is believed this hotel will be the largest in the South, and will accommodate fifteen hundred people. A Cincinnati syndicate is building it, and will have it ready for business within a year.

**DeLand, Fla.**—In a few days work will commence on Mr. Stetson's new hotel. While the hotel will not be mammoth in size, it will be one of the prettiest and most attractive in the State.

**St. Joseph, Mo.**—A new hotel is also being talked of on Francis street.

**Hampton, Ga.**—The enthusiasm in regard to the hotel at Hampton has been rekindled, and doubtless the contract will soon be let.

**Fort Worth, Tex.**—A new hotel has been proposed by a local syndicate, and is said to be assured. Address Wallace Hendricks

**Fort Hill, S. C.**—Bruce & Morgan, architects, Atlanta, Ga., have made plans for "The Oaks" Hotel to cost \$5,000.

**St. Louis, Mo.**—The Terminal Hotel and Arcade Company, of St. Louis—capital,



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**Taylor "OLD STYLE" Brand**  
**is the only Warranted**  
**Roofing Tin made.**  
**N. & G. TAYLOR CO. Manufacturers.**  
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**ALL BRANDS OF ROOFING TIN,**  
**SOLDER, GALVANIZED SHEET IRON.**  
**CONDUCTOR, - LONG EAVE GUTTER, - SHEET COPPER, - ZINC,**  
**And Tinner's Supplies Generally.**

\$100,000; incorporators, Charles L. Wiloughby, Emil Glogau, Albert J. Kingsbury and others—has been chartered by the Secretary of State.

**Vassburg, Miss.**—Several carpenters came down from Meridian Monday morning to begin work on the Donald Spring Hotel. It is said the building will be two-story with thirty-three rooms.

**Columbia, Tex.**—The hotel at Columbia, Texas, burned May 28. Charles Lewis, capitalist, was the only person who lost his life. Several of the guests jumped from the second story and were badly injured. Loss \$150,000.

**West Point, Miss.**—The Jackson House intends erecting a large wing to their building this season.

**St. Louis, Mo.**—Thomas Ely has been granted a permit to build a hotel, corner 15th and Market streets, at a cost of \$18,000.

**Grand Isle, La.**—Mr. J. J. Diet, the present owner of the Ocean Club Hotel at Grand Isle, is organizing a stock company, with a capital of \$20,000, to rebuild the house wrecked in the great storm.

**Lebanon, Mo.**—Henry Seiter, W. L. Jones and other citizens of Lebanon have incorporated a company to build a hotel in Lebanon, Mo., which will cost \$20,000.

#### LEVEES AND SEWERS.

**Washington, D. C.**—United States Engineer in charge contemplates the letting out the contract for building a new levee from Grand Lake to Sterling, Ark.

**Santa Monica, Cal.**—Santa Monica is to have a sewer system to cost \$42,000.

#### MILLS AND FACTORIES.

**Calhoun, La.**—The organization meeting of the Calhoun Land and Tobacco Company took place here to-day. The capital stock of the company will be \$25,000. The company will erect a factory with sufficient capacity to work up this year's crop.

**Columbia, Ala.**—There is talk of getting up a canning factory at this place.

**Galveston, Tex.**—North Galveston is to have a factory for manufacture of sculls and oars. Messrs. Moorman Brothers, of Toledo, Ohio, are in the city making arrangements for the work.

**Jackson, Tenn.**—The American Skemer Factory Company, of Muncie, Ind., with four plants, representing, about \$400,000 capital, have signed a contract to remove to Jackson. It will be about three months before they will be ready to move.

**Greenwood, S. C.**—The Greenwood Oil Company is building a ginnery, and machinery consists of eight seventy-saw gins, with handling and cleaning apparatus.

**South Norfolk, Va.**—Another cotton mill to be built at South Norfolk, Va., at a cost of \$200,000, is being talked of.

**Eustis, Fla.**—A merchant and a capitalist of this town are about to erect a fertilizer factory near this place.

**Terrell, Tex.**—Terrell Batting Mill Company, of Terrell, Kaufman county, Tex.; capital stock, \$10,000. Incorporators, A. T. Schmid, B. L. Gill and others.

**Houston, Tex.**—The Lactilave Manufacturing Company, of Houston; capital stock \$25,000. Incorporators, Alexander Patererson, George S. Dickinson, W. M. Baugh,

**Ybor City, Fla.**—Contractors are busy to-day making out bids for the construction of the big factory of Seidenberg & Co., in Ybor. The work will be pushed.

**Americus, Ga.**—Mr. E. Leitzmann, an expert cigar manufacturer from Tampa, Fla., is in the city with the view of locating a factory here. He is greatly pleased with Americus, and has about concluded the necessary arrangements for the factory. He expects to begin operations within ten days.

**Dallas, Tex.**—Mr. Geo. A. Webster is in receipt of Sheffield, Ala., papers noting the intended removal of Messrs. Wm. S. and John T. Hull from that place to Dallas. They will engage in the manufacture of electrical steel jail cages.

**Cordele, Ga.**—Messrs. Tomlin & Harris will at once begin to erect a handsome machine shop.

**Ybor City, Fla.**—A 45x90 foot factory, three stories high, with a cellar, will be located on Block 90, east of Seidenberg & Co.'s factory.

**Tampa, Fla.**—C. A. Joyce, who is now in Atlanta, has secured land on Maryland avenue, near the steam laundry, for a cigar factory.

**Great Falls, Va.**—Sixty convicts have been received and put to work at Great Falls. This company is now at work in earnest digging foundations for the two large mills to be erected at once.

**Rome, Ga.**—The Rome Chemical works will largely increase their capacity this year. They made about 6,000 tons of fertilizer last year, and propose to make about 10,000 this year. In order to accommodate this immense product it will be necessary to greatly increase the storage capacity of the works.

**Jacksonville, Fla.**—Arrangements are now being made to commence the construction of a canning factory at Gillen, which will be called the Tropical Canning Company of Gillen. The main building will be thirty by forty-five feet, two stories high. From this will run two wings, each thirty by fifty feet, and one story high.

**Guyton, Ga.**—Marlow Tannery, which was burned a few nights ago, will be rebuilt at once. The total loss resulting from the fire was \$12,000.

**Birmingham, Ala.**—The Birmingham Engine Works has been incorporated with a capital stock of \$100,000.

**Tyler, Tex.**—An oil mill will be built here.

**Spring City, Tenn.**—Parties of this place own and control the machinery of a large woolen manufactory which is now in Springfield, Ohio. They propose to bring the entire outfit to this place and put it in operation.

**Dallas, Tex.**—G. R. Reynolds, secretary of the Commercial Club, has received a letter from a gentleman in Fort Worth who is desirous of locating a woolen mill and a cotton batting factory in Dallas.

**Mobile, Ala.**—A company will be organized with a capital stock of not less than \$50,000, and perhaps \$100,000. The plant will cost, when completed, about \$40,000, including the mammoth band saw mill, which will have a capacity of cutting 25,000 feet of lumber per day. Wm. Skinner will be the president of the company, L. E. Sugarman, secretary, and C. H. Burtcher, treasurer, all of Fostoria, Ohio.



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37 Marietta Street, Atlanta, Ga.

**Ardmore, Ind. Ter.**—A new compress will be erected here this season.

**San Antonio, Tex.**—G. A. Duerler, Manufacturing Company, of San Antonio, capital, \$50,000, has been incorporated.

**Abbeville, S. C.**—The Abbeville Cotton Mill Company will commence work on its proposed new cotton mill as soon as a suitable site can be secured.

**Weldon, N. C.**—New York parties are said to propose the erection of a cotton mill, cotton seed oil mill and knitting mill on the new canal just completed near Weldon, N. C.

**St. Louis, Mo.**—An immense cigarette factory is to be erected.

**Tuckapaw, S. C.**—Work on Tuckapaw Mills is progressing finely. Excavations are being made for the foundations, and the brick works have started up.

**Augusta, Ga.**—The Globe Cotton Mills has decided to put in fifty looms.

**Athens, Ga.**—A shoe factory will be built at this place. D. M. Wilson can give information.

**Little Rock, Ark.**—The Suburban Electric Light and Power Company, of this city, filed articles of incorporation yesterday with a capital stock of \$50,000, with the privilege of increasing it to \$200,000.

**Sandersville, Ga.**—A cotton factory will be built at this place. The mayor can give information.

**Milledgeville, Ga.**—J. D. Malsby, J. R. Camp, H. H. Camp, W. F. Camp and R. L. Day have made application for a charter for an oil mill, capital stock \$25,000.

**St. Joseph Mo.**—The Tootle, Wheeler & Motter dry goods company will establish a large shoe factory here during the season.

**Meridian, Miss.**—In the sale of the old bagging factory, occupied by the Crisler spoke factory, to the gentlemen contemplating the establishment of a large cotton seed oil plant, the erection of the other buildings to accommodate Mr. Crisler's large manufacturing business, was made necessary. A site was secured a short distance east of the present location, near the track of the Bonita Park dummy line, and materials are being placed on the grounds already with a view of inaugurating the work of construction at once. The plans of the buildings contemplated are drawn on a scale sufficiently large to meet the requirements of an extensive business and it is thought they will be ready for occupancy the 15th of June next.

**Huntsville, Ala.**—The prospect for locating the furniture factory at this place was exceptionally good, and that the entire amount, \$25,000, would be forthcoming

at the next meeting of the chamber of commerce. This is certainly an agreeable piece of news to all those interested in Huntsville's prosperity and especially to those who have labored so earnestly to secure this enterprise.

**Houston, Miss.**—Houston will have a canning factory.

**Uvalde, Tex.**—The plant of the Uvalde Water, Ice and Electric Company was located to the ground recently. Loss, \$5,000.

**Malvern, Ark.**—Hamlin & Sons will establish their stave factory at Malvern.

**Helena, Ark.**—The Helena Gas Co. has filed an amendment to its articles of incorporation to enable it to establish an electric plant in connection with its gas plant.

**Little Rock, Ark.**—A proposition to locate a \$1,000,000 factory in Little Rock, if the city will take half the stock, was laid before the Little Rock Commercial league.

**Baton Rouge, La.**—Baton Rouge is assured of a new sugar refinery and a paper mill.

**Minden, La.**—It has been decided to rebuild the Minden compress, which was burned last fall.

**Gastonia, S. C.**—The coffin factory at Gastonia is progressing rapidly. The building is under cover, but awaiting the machinery.

**Harriman, Tenn.**—Dr. J. A. Paige, of the Paige Manufacturing Company, has invented a bucket for packing tobacco, candies, etc., which he intends manufacturing here.

**Concord, N. C.**—Ground was broken this week on Coddle creek, near Concord, N. C., for the new cotton mills of the G. W. Patterson Manufacturing Company. They expect to have everything completed and the machinery in readiness for the coming cotton crop.

**Talladega, Ala.**—The necessary funds have been secured to purchase machinery for the new cotton manufacturing plant of the Talladega (Ala.) Cotton Factory Co., and the equipment is expected soon to arrive.

**South Norfolk, Va.**—Another cotton mill to be built at South Norfolk, Va., at a cost of \$200,000.

**Columbia, S. C.**—It is reported from Columbia, S. C., that Aretas Blood, of Manchester, N. H., and other stockholders interested in the new cotton-duck mill at Columbia are preparing to organize a company to build another mill at the same place.

**Albemarle, S. C.**—Louis D. Duval, superintendent, and Jno. Blackwelder, book-

keeper, of the Cannon Manufacturing Co., Concord, N. C., were in the adjoining town of Albemarle this week to promote and assist in the organization of a company to build a cotton mill there, which is resolving itself into a certainty. A 5,000 spindle mill will no doubt be in operation in Albemarle, N. C., about January 1st.

**Boston, Mass.**—(To be built in the South).—J. P. Frizell, engineer, No. 60 Congress street, Boston, advertises that he has been instructed by responsible parties to select a location for a cotton mill in the South of not less than 50,000 spindles, to have a ginnery and cotton-oil plant combined. It is to be operated by water-power, and offers of water sites are invited. Communications on this subject must state the locality, name of the stream, extent of drainage ground, extent of cotton cultivation, railroad communication and all other information that would be of value in determining the question of the location of a cotton mill. Out of all the sites offered, some that present the most attractive showing will be personally investigated and a decision reached.

**Pine Bluff, Ark.**—Architect T. Harding has prepared plans for a brick and iron cotton warehouse to be 150x200 feet and cost \$10,000; S. W. Alexander owner; contract not let.

**Atlanta, Ga.**—Planing mill of Butler, Curtis & Wolcott, at No. 325 Decatur street. Loss \$12,000 with no insurance.

**Milledgeville, Ga.**—The Milledgeville Oil Company is in market for additional boilers.

**Guyton, Ga.**—The Guyton Canning and Manufacturing Company is in market for a complete canning outfit.

**Sutton, W. Va.**—Chapman & Gable, of Ohio, have purchased a large tract of land in Braxton county, W. Va., two miles from Sutton, the county seat. They will erect at once a large wood working factory.

**Lynchburg, Va.**—The meeting to organize the new furniture factory company, which was to have been held recently, was postponed.

**Brewton, Ala.**—It is understood that the Cedar Creek Mill Company has finally decided to locate a large milling plant within the corporate limits of the town.

**Lead Hill, Ark.**—A roller flour mill will be built at this place.

**Santa Rosa, Col.**—A new macaroni factory is being built at Santa Rosa.

**Tylor, Tex.**—Mr. Charles Coffield, a banker from Rockdale, has been in the city several days for the purpose of organizing a company to construct and operate a cotton seed oil mill in this city.



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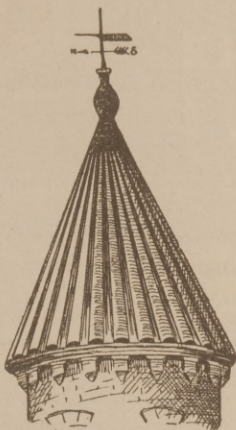


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Saves 50 per cent. in material and more in labor of laying.

## "Spanish"

Copper,  
Steel  
or Tin.



(Patent applied for.)

## Pattern.

Durable,  
Handsome,  
Storm Proof.



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Philadelphia.

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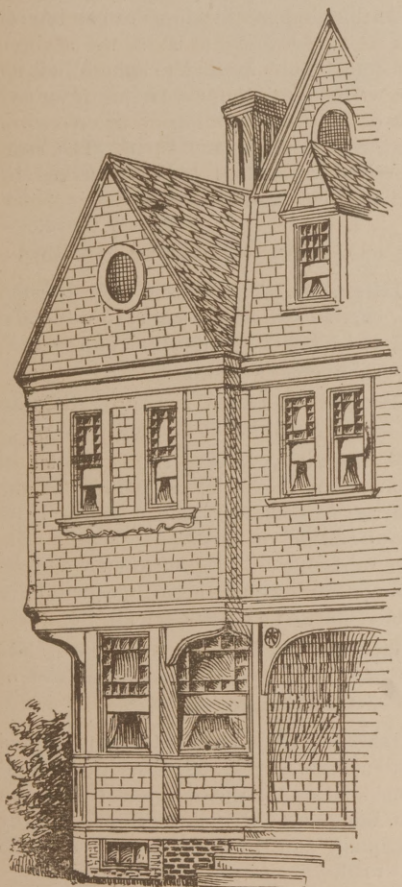
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## NOTICE TO CONTRACTORS.

Sealed proposals will be received by the undersigned up to June 5, 1893, for building a two story city hall at Biloxi, Miss., according to the plans and specifications to be filed at the mayor's office in this city on the 22nd inst. A check, certified or \$100, must accompany each bid as a guarantee that a solvent bond will be made. The committee reserves the right to reject any and all bids. Address, John A. Bousquet, Mayor and Chairman Building Committee.

## PUBLIC BUILDINGS.

**Knoxville, Tenn.**—The Masons of Knoxville, Tenn., have started a movement for the erection of a handsome temple for the secret societies of that city, to be six or seven stories high, at a cost of \$75,000 or \$100,000.

**Washington, D. C.**—Senator Call has offered an amendment to the river and harbor appropriation bill, providing for an appropriation of \$5,000 for Anclote harbor, Florida, for improving the channel.

**Fredericks Hall, Va.**—A new Odd Fellows' hall is in course of construction at Mineral City, under contract to be finished in sixty days. Dr. Coleman, of that place, moved the first spade of earth.

**San Francisco, Cal.**—Mr. Low recommends that the city hall be given a proper system of ventilation. The ventilating system would cost \$55,000. The wiring would cost \$12,000.

**Little Rock, Ark.**—The committee on public buildings and grounds to-day reported favorably, Col. Terry's bill for the improvement of the building and grounds of the United States court and postoffice at Little Rock. The committee recommended that \$58,000 be appropriated, to be expended as follows: First—To construct an addition to said building for the purpose of creating more room therein; and enlarging the judge's chamber and the offices of the marshal and clerk of the circuit and district courts, at a cost not to exceed \$54,000. Second—To put an elevator in said building, at a cost not to exceed \$4,000.

**Velasco, Tex.**—The iron segments composing the tower for the \$50,000 light house ordered by congress for the mouth of the Brazos are completed and all preparations had been made for bringing them there in June or July; also for building brick houses for the lightkeeper and his assistants, when it was learned that the Galveston and Brazoria Canal Company would not give free right of way on their canal for boats to run to the reservation selected for the light house by the government engineers. It is said this may oblige the government to select another building place, which will delay the erection of the light house indefinitely.

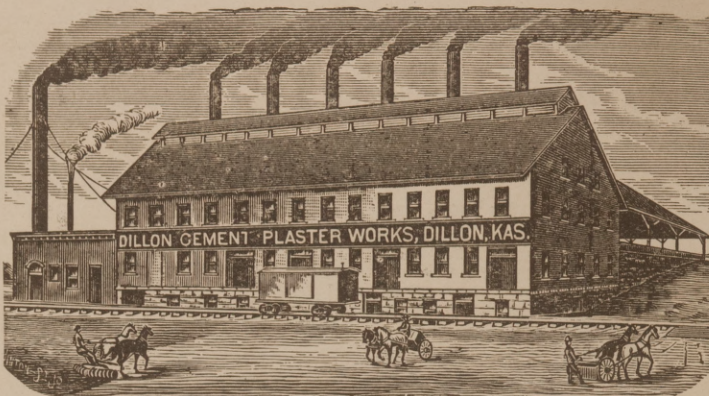
**Chambers County, Ala.**—The contract has been let for building a new jail in Chambers county, Ala., and it is to be finished by January, 1895.

**Roanoke, Va.**—The commissioners appointed by the McDowell county court to sell the \$60,000 appropriated in bonds to erect a new court house and jail at Welch, the new county seat, have effected a sale of \$61,200 and deposited the money in the Bank of Bromwell,



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Write for Descriptive Circular, prices and full information.

**SCIPLE SONS, Southern Agents,**

**ATLANTA, GA.**

**Charlotte, N. C.**—The building of a new court house, to cost about \$50,000, is being discussed.

**Knoxville, Tenn.**—The Masonic fraternities of Knoxville will erect a temple.

**Brazoria, Tex.**—Brazoria will build a handsome rock court house.

**Baton Rouge, La.**—A bill has been introduced in the legislature appropriating \$125,000 for the construction of another insane asylum in Louisiana, the present one being inadequate.

**Atlanta, Ga.**—G. L. Norrman, architect, has made plans for an addition to the Hebrew Orphans' Home, to cost \$20,000.

The Cotton States and International Exposition Company will erect new buildings, at a cost of \$200,000.

**Waycross, Ga.**—A movement is on foot to establish homes at Griffin and Waycross for the old, disabled colored people of Georgia. A board of trustees has been organized and contributions are being received. The homes will probably be ready for occupancy by September 10. Rev. John Watts, colored, of Waycross, is president of the organization.

**Washington, D. C.**—The house committee on public buildings to-day approved the bill appropriating \$50,000 for improvements on the public building at Little Rock, Ark., and bills for \$100,000 public buildings at Cheyenne, Wyo., Tampa, Fla., and Oakland, Cal.

**Laredo, Tex.**—Judge Abbot has, as chairman of the sub-committee of the committee on public buildings and grounds, reported favorably to the main committee the bill to erect a public building at Laredo. The amount suggested in the bill as an appropriation is \$60,000, as provided in the bill introduced by Mr. Crain.

**Chattanooga, Tenn.**—Work commenced on the track of the new driving park, which is located on the McCallie avenue road just beyond the Western & Atlantic crossing. The work will be pushed to a finish, and it is said will be very creditable. The present intention is to build a large amphitheater and stables for the animals to be entered for training.

**Hopkinsville, Ky.**—At a meeting of the Board of Commissioners of the Western

Kentucky Asylum for the Insane, held in this city, the contract for the enlargement was awarded to Forbes & Bro., builders and contractors, of this city, their bid being \$52,528. The additions will consist of one four-story and one three-story wing and a building for colored patients. There were ten bids, representing Louisville, Nashville, Henderson and Hopkinsville firms. All the bids that came in were below the estimate guaranteed by Curtin & Hutchings, the Louisville architects, whose plans were accepted.

**San Jose, Cal.**—To-day Miss Margaret Tennant deeded to William F. Nichols, Bishop of the Episcopal Church, land in this county worth \$75,000 to establish a sanitarium to be conducted by the Episcopal Church at Pacific Grove.

**Knoxville, Tenn.**—Plans are being perfected for the erection of a hospital in connection with the Tennessee Medical College at Knoxville. The building will be built of pressed brick and stone. It will cost about \$25,000, and will have accommodations for from 50 to 100 patients.

**Huntsville, Ala.**—The corner stone of the new building at the State Normal School has been laid.

**Tampa, Fla.**—M. J. Miller is drawing the plans for the proposed club house of manufacturers and traders to be built at Ybor City.

**Fort Pike, La.**—A sub-committee from the Legislature committee on Health and Quarantine, appointed to look into the proposed site for the leprosy hospital at Fort Pike, left on a tour of inspection last week.

**Mobile, Ala.**—The elevator fund now foots up \$10,600, which is a jump of \$3,390 in two weeks. This practically assures the erection of a grain elevator, at a cost of \$50,000.

**Wellington, Kas.**—The City Council has advertised for bids for the construction of a new city building to stand on the site of the old one, which was destroyed by the cyclone on May 27. The plans for the new contemplate a two-story building, 50x60 feet, the east and south fronts of quarry faced Augusta limestone, the other wall of material from the old structure.

**Shreveport, La.**—The city contemplates the erection of a public school building.

**St. Louis, Mo.**—Mound City Lodge, I. O. O. F., has appointed E. S. Pike, L. E. Bruer and L. T. Haller, a committee which will meet committees from all other St.

Louis lodges in room 601, Fagin Building, Saturday evening, June 16, to consider the location of the Odd Fellows' Orphan Home in St. Louis.

**Memphis, Tenn.**—A new city hospital will be built. Address, Dr. Thornton, the president of the board of health.

**Aron Park, Fla.**—There is a scheme developing to build a G. A. R. hotel on the west side of Lake Tulane.

**Lexington, Ky.**—Bids will be received for the improvement to the Eastern Asylum for the Insane at Lexington, Ky. Drawings and specifications can be seen at the Commissioners' room at the asylum. Contractors are invited to submit bids for the whole of said improvement, or for any one of the three buildings to be erected, or for the separate parts thereof. The right to reject any and all bids is reserved by the Board of Commissioners.

MAT WALTON,  
Chairman Building Committee.

**Tifton, Ga.**—The Tifton Fair Ground Co. board of directors will secure the site selected south of Second street and proceed at once to erect a building.

**Alexandria, La.**—Contract for the public building will be let in a few days.

**Washington, D. C.**—H. L. Cade, of Charleston, is the lowest bidder for the contract for constructing the proposed life-saving station on Sullivan's Island. The bids were opened at the treasury department yesterday, and there appears to have been a spirited competition for the work.

**Jacksonville, Fla.**—Jacksonville is advertising for proposals for the erection of a \$60,000 market house.

**Ashland, Ky.**—This afternoon a final settlement was reached, after three days' consideration of the differences between the Ashland & Catlettsburg Street Railway Company and the Chesapeake & Ohio Railroad.

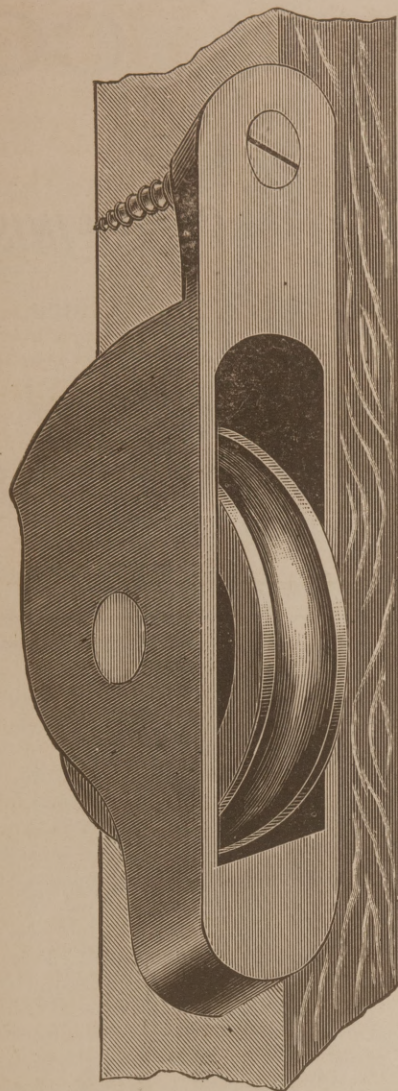
This will allow the uninterrupted completion of the electric road to Catlettsburg, and means to Ashland a new \$50,000 C. & O. passenger depot within the year.

**Corsicana, Texas.**—The Colored Orphans' Home, of the State of Texas, will be located at this place. Rev. H. Goodlow, Kerens, Texas, can give information.

**Durham, N. C.**—Mr. Geo. W. Watts, of Durham, has given \$25,000 for a hospital, and the contract for it has been let. It will be completed by December.

**Brandon, Texas.**—The depot building





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Norris Pulley can be had of any hardware house in the country, or address

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BALTIMORE, MD.

on the Cotton Belt, at Brandon, in Hill county, burned last Sunday, will be rebuilt.

**Meridian, Miss.**—The drawings for the erection and completion of the building here have been prepared, and the specifications for the work are nearing completion. Advertisements, inviting proposals for the erection and completion of the building, will be issued for publication in about three weeks.

**San Antonio, Tex.**—The Gulf Shore Railroad has formally accepted San Antonio's stock subscription of \$58,000 in lieu of \$100,000 as the condition of the main offices and shops of the road being located there. A force is at work grading the right of way.

**Newport News, Va.**—Representative Tyler's bill, appropriating \$100,000 for the erection of a public building at Newport News, was favorably reported to the House Thursday.

**Fort Barrancas, Fla.**—Contracts for erecting a new hospital and other buildings, amounting to about \$20,000, have been let. R. H. Turner, a contractor of this city, was the lowest bidder.

**Fernandina, Fla.**—The State Board of Health has plans and specifications made for a disinfecting station at Fernandina, to cost in the neighborhood of \$10,000. As soon as a site can be agreed upon the structure will be built.

**Danielsville, Ga.**—The Masons are preparing to commence the building of a lodge room, with store room underneath, on their lot here.

**Wilmington, N. C.**—A favorable report

was also made on the bill of Representative Bower for the erection of a Government building at Winston. The appropriation recommended is \$75,000.

**Pulaski, Va.**—The election between Pulaski and Dublin for the site of the courthouse of Pulaski county passed off quietly. Pulaski got 1,541 votes; Dublin, 615; Pulaski's majority, 926. This is the official count. The courthouse is required to be removed to Pulaski immediately.

**Montgomery, Ala.**—The Grand Lodge of the Knights of Pythias of Alabama has decided to build a \$50,000 home for the widows and orphans of their order.

**Richmond, Va.**—The old Howitzer Armory, on Eighth street, has been pulled down and preparations are being made to build the new one at once. It is expected to have it ready in time for the Association to hold its annual banquet in.

**Atlanta, Ga.**—Dr. R. C. Flower will build a sanitarium at a cost of \$250,000. J. M. D. Lindsay is the architect.

**Tallahassee, Fla.**—Treasury Department, Office Supervising Architect, Washington, D. C., June 1st, 1894. Sealed proposals will be received at this office until 2 o'clock P.M. on the 30th day of June, 1894, 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 required for the United States court house and postoffice building at Tallahassee, Florida, in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Tallahassee, Florida. Each bid must be accompanied by a certified check for a sum not less than 2 per cent. of the amount of the proposal. The 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.

hassee, Florida. Each bid must be accompanied by a certified check for a sum not less than 2 per cent. of the amount of the proposal. The 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 Heating and Ventilating Apparatus, etc., for the United States Courthouse and Postoffice building at Tallahassee, Florida," and addressed to Jeremiah O'Rourke, Supervising Architect.

**Jacksonville, Fla.**—Treasury Department, Office Supervising Architect, Washington, D. C., June 2, 1894. Sealed proposals will be received at this office until 2 o'clock P.M. on the 29th day of June, 1894, and opened immediately thereafter, for all the labor and materials required for the interior finish, plumbing, tower clock, etc., for the United States postoffice, customhouse, etc., building at Jacksonville, Florida, in accordance with drawings and specification, copies of which may be had at this office or the office of the Superintendent at Jacksonville, Florida. Each bid must be accompanied by a certified check for a sum not less than 2 per cent. of the amount of the proposal. The 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.



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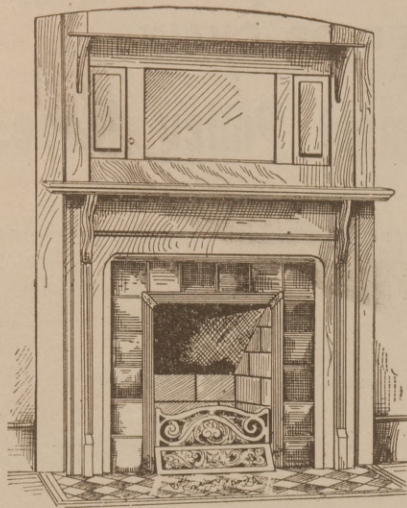
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Proposals must be enclosed in sealed envelopes and marked, "Proposal for the Interior Finish, Plumbing, Tower Clock, etc., for the United States Post-office, Customhouse, etc., building at Jacksonville, Florida," and addressed to Jeremiah O'Rourke, Supervising Architect.

**Lincoln, Neb.**—Treasury Department Office Supervising Architect, Washington, D. C., June 5th, 1894. Sealed proposals will be received at this office until 2 o'clock P.M. on the 22d of June, 1894, and opened immediately thereafter, for all the labor and materials required to furnish and put in place complete one electric passenger elevator, etc., in the United States courthouse and post-office building, at Lincoln, Nebraska, in accordance with drawing and specification, copies of which may be had at this office or at the office of the custodian at Lincoln, Nebraska. 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 one Electric Passenger Elevator, etc., in the United States Courthouse and Post-office building at Lincoln, Nebraska," and addressed to Jeremiah O'Rourke, Supervising Architect.

## PROPOSALS FOR BUILDING.

**New Orleans, La.**—Charity Hospital, State of Louisiana, New Orleans, May 20, 1894. In accordance with previous advertisement, notice is hereby given to builders desirous of contracting for the erection of a building to contain an amphitheatre and operating rooms, that plans and specifications are now on file at the treasurer's office and ready for delivery. Sealed proposals are invited for the erection of the building in accordance with the plans and specifications. Bids to be sealed and addressed to the president of the Board of Administrators and deposited with the treasurer of the hospital prior to 12 M.; June 4. No bid will be received after the hour designated. Solvent security will be required from the successful bidder. The board re-

serves the right of rejecting any and all bids.

**Macon, Ga.**—The mayor of the city has recommended to the council the issuing of \$150,000 of 4½ bonds to be devoted to the work of laying Belgian blocks on the streets, and an additional \$50,000 for other public improvements. The recommendation has been referred to the finance committee.

**New Orleans, La.**—\$28,000 has been subscribed to the Y. M. C. A. building fund.

**Houston, Tex.**—It is hereby ordered and decreed by the Commissioners' Court of DeWitt county, Texas: That plans, specifications and bids be received at the office of the county clerk until 12 o'clock A. M., on Monday, the 11th day of June, A. D. 1894, for the erection of a courthouse in the said DeWitt county, not to exceed \$70,000. Each bidder will be required to file a certificate check with the county clerk in the sum of \$5,000, as a guarantee that should the contract be awarded to him, that he will enter into a contract and furnish a good and sufficient bond. The court reserves the right to reject any and all bids. Done in open court, this 15th day of May, A. D. 1894. Ed. Koenig, County Judge, DeWitt County.

**Biloxi, Miss.**—Sealed proposals will be received by the undersigned up to June 5, 1894, for building a two story city hall at Biloxi, Miss., according to the plans and specifications to be filed at the mayor's office in Biloxi, Miss., on the 22d inst. A certified check for \$100 must accompany each bid, as a guarantee that a solvent bond will be made. The committee reserves the right to reject and or all bids. Address John A. Bousquet, Mayor and Chairman Building Committee.

**San Antonio, Tex.**—The depot site of the Gulf Shore, on Walnut street, will be let to a grading contractor.

**Sulphur Springs, Tex.**—Sulphur Springs is to have a new three story granite fireproof court house, to cost \$52,400.

**Griffin, Ga.**—Workmen commenced to lay the foundation of the new Odd Fellows' Temple yesterday. Work will now be pushed forward to completion as rapidly as possible.

**Milledgeville, Ga.**—Office of the Board of Trustees, Georgia State Lunatic Asylum, Milledgeville, Ga., May 5, 1894. Sealed proposals will be received at this

office up to 12 o'clock, noon, Tuesday, July 10, 1894, for all the labor and materials required in the erection and completion of the building for whites and annexes for the colored building, to be of brick, three stories in height, tin roof, steam heating, plumbing, etc., and to cost not exceeding \$100,000. Any bid in excess of this amount will not be considered. Plans and specifications can be seen at the office of the Superintendent of this Asylum, or at the office of the architects, W. Chamberlain & Co., Knoxville, Tenn., on and after June 1st. The successful bidder will be required to furnish a bond in the sum of \$25,000 for the faithful performance of his contract. Each bidder will be required to deposit a certified check of \$500.00 with his bid as a guarantee that he will enter into the contract should it be awarded to him. The Board reserves the right to reject any and all bids. All bids must be addressed to Hon. G. A. Cabaniss, President Board of Trustees, Milledgeville, Ga., and mark on envelope, "Bids for Erection of Asylum Building."

## RAILWAY IMPROVEMENTS.

**Opelika, Ala.**—An electric railway will be built from Opelika to Auburn.

**Charleston, S. C.**—The Atlantic Coast line has ordered a survey of a railroad line between Charleston and Augusta, and preparations for the survey are now being made.

**LaFayette, Ind.**—Three hundred men and one hundred teams were placed at work by Contractor Richardson upon the excavation of 100,000 yards of earth for the new Monon shops. Contracts for construction are being let, and the officials of the road expect the huge shops to be completed by December. The city gave a bonus of forty-four acres of land and \$100,000 in cash to secure these shops, which will be the largest along the line of the Louisville, New Albany and Chicago road.

**Jacksonville, Fla.**—Work on the new union depot has already commenced. The piers for the iron pillars for the car sheds are now being laid.

**Henderson, N. C.**—The people of Transylvania county are now called to vote on the issue of \$60,000 in bonds in aid of the Hendersonville and Bedford railway.

**Knoxville, Tenn.**—Knoxville will soon have a new street car line.

**Lynchburg, Va.**—It is proposed to build from Lynchburg to Bedford City an electric railway.



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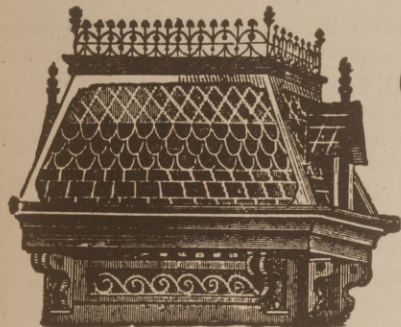
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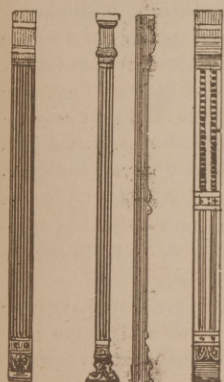
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WM. BRADFORD, Atlanta, Ga.

**Bald Knob, Ark.**—Mr. Woods, of Little Rock, with a corps of able assistants, began the survey of the Bald Knob and Heber railroad.

**Velasco, Brazoria co., Tex.**—General Manager B. F. Yoakum of the Santa Fe, Messrs. H. Blum, F. Lee, of Ricker & Lee, Fowler, of Fowler & McVitie, Lee Cowan, representing R. L. Heflin, and others, arrived in a special car from Galveston and spent the afternoon with the Brazos River Channel and Dock Company's officers. It is believed that this conference will result in the early extension of the Velasco Terminal from Angleton to Alvin, according to the road's recently amended charter.

Col. W. A. Rowan and New York capitalists who own a large tract on Chocolate creek, are figuring to build a graded road through it that may be used as an electric line connecting the Santa Fe and the Velasco Terminal railways.

**Cordele, Ga.**—A force of hands are at work grading the new G. S. and F. depot site preparatory to laying a brick foundation. The depot will be a wood structure, 125 feet long with a 60-foot platform at the north end.

## RESIDENCES.

**Asheville, N. C.**—Judge Carter will erect a residence on his lot adjacent to the one he has just sold.

Mrs. Carter will build in West Asheville.

**Columbus, Ga.**—Mr. W. D. Affleck has purchased a tract from the Rose Hill Land Company on Twelfth avenue, and will erect a suburban home.

**Houston, Tex.**—The following building permits have been issued:

T. R. Borden, two story wooden building on lot 9, block 36, Louisiana street, Fair Ground addition; \$2,000.

W. B. Mulvey, two story frame building on lots 9, 10 and 11, in block 348, corner of San Jacinto and Leland streets; \$3,400.

Henry Brashear, three story brick on lots 1 and 2, block 68, Main street; \$20,000.

Sam Sams, two wooden houses on lots 5 and 6, in block 27, Noble addition, Fifth ward; \$1,000.

G. E. Dickey, two story dwelling on lots 9 and 10, in block 121; \$10,000.

George Ellis, wooden building on lots 6 and 7, in block 420; \$2,000.

W. M. Munger, cottage on lot 6, in block 73, on Terry street; \$300.

G. C. Street, two story dwelling on lots 3, 4 and 11, in block 348, corner Caroline and River streets; \$3,000.

**Meridian, Miss.**—E. T. George will build a \$5,000 residence in West End.

**Winnsboro, Tex.**—J. T. Alvis is preparing to rebuild his residence on the corner of South Main and Broadway.

**Winder, Ga.**—J. J. Griffith will build a residence.

**Hartwell, Ga.**—Fred Lender will erect a residence.

**Tampa, Fla.**—Mr. Kindig is hauling lumber for the new residence which he intends to erect in the fall.

**Tuscaloosa, Ala.**—Mrs. Hill, the widow of the late Professor Alonzo Hill, has decided to build an elegant residence near the female seminary, of which she is now principal.



St. Louis, Mo.—H. E. Roach will erect a fine residence at the northwest corner of Westminster place and Westminster way for O. L. Garrison.

Jacksonville, Fla.—J. E. Merrill will erect a frame residence at a cost of \$2,000.

St. Louis, Mo.—Building permits have been granted to Rudolph Schulz, south side Mullanphy, between Sixteenth and Seventeenth; dwelling, \$1,800.

H. Ludwig, west side Indiana, between Utah and Wyoming; dwelling, \$2,900.

J. W. Crotty, south side Arco, between Tower Grove and Pendleton; five flats, \$5 000.

P. Mulderig, south side Caroline, between Theresa and Grand; dwelling, \$2,400.

John Rooney, southwest corner Spring and Chouteau; store and flats, \$4,000.

J. Lange, southwest corner Easton and Whittier; store and flats, \$2,700.

F. P. Furlong, south side Garfield, between Taylor and Cora; dwelling, \$2,500.

G. W. Pipe, north side Page, between Vandeventer and Sarah; dwelling, \$3,500.

J. H. Smith, south side Hawthorne, between Grand and Compton; dwelling, \$8,000.

Thos. Tully, south side North Market, between Twentieth and Twenty-first; flats, \$2,000.

W. G. Rosengarten, south side Hebert, between Jefferson and Elliot; flats, \$3,500.

F. S. C. Jones, east side Laurel, between Maple and Suburban Railway; dwelling, \$4,500.

Beckerman & Schill, west side Cottage, between Spring and Prairie; flats, \$5,850.

Chas. H. Tyler, south side West Pine, between Taylor and Newstead; dwelling, \$6,000.

Jacksonville, Fla.—County Treasurer Tim Murphy is having a cosy residence built at the corner of Monroe and Washington streets.

Bainbridge, Ga.—Mr. S. Lichtenstadter will build three five and six-room residences.

Tyler, Tex.—James T. Harris will erect a splendid residence on North Broadway.

Galveston, Tex.—A building permit was issued to-day to T. R. Berden on a two story frame dwelling; cost, \$2,000.

Blue Ridge, Tex.—Rev. J. H. Hunter will erect a residence.

San Antonio, Tex.—S. A. Swezey will build a frame residence at 219 Belmont street, to cost \$1,200.

Columbia, Ala.—Mrs. Anna McGriff will build a residence at a cost of \$5,000.

Marietta, Ga.—Rev. Albert U. Stanley will build a handsome residence.

Selma, Ala.—Mr. Bl. Auer will build two new houses on St. Ann street, between Third and Fourth.

Eustis, Fla.—The plans for a large house for Col. W. S. McClelland and wife are ready, and work will soon be commenced.

Neapolis, Va.—Mr. Geo. Robinson is having erected on one of the streets leading to the trestle five three-room cottages.

St. Stephens, Ala.—Mr. Percy Bowling will build a seven-room house between Carson and Pine Grove church.

New Orleans, La.—A permit has been issued to Miss Mary Horney to erect a slated double cottage from building on Tchoupitoulas, Orange, Religious and Race streets.

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Fort Worth, Tex.—Field's Hillside addition is being rapidly built up and improved. George Gause has just built a handsome residence in that choice section of the city, and Col. Montgomery will have a handsome home in that vicinity.

Manchester, Ga.—Jones & Brown, architects, Inman Building, Atlanta, Ga., have made plans for a frame residence for W. M. Hutchinson, to cost \$1,400.

Also, frame residence for J. A. Bohannon; cost, \$3,000.

Troy, Ala.—Bruce & Morgan, architects, Grant Building, Atlanta, Ga., have made plans for a frame residence for F. S. Wood, to cost \$5,000.

East Point, Ga.—Bruce & Morgan, architects, Inman Building, Atlanta, Ga., have made plans for frame residence for B. H. Blount, to cost \$5,000.

Atlanta, Ga.—G. L. Norrman has made plans for a frame residence for R. L. Foreman, to be built at West End, to cost \$5,000.

Orlando, Fla.—Architect F. J. Kennard has prepared plans for a frame residence for W. C. Sherman, to cost \$4,000; L. M. Boykin, builder.

Architect F. J. Kennard has prepared plans for a frame residence for F. R. Webber, to cost \$2,900; Jas. Holly, builder.

Architect F. J. Kennard has prepared plans for a frame residence for C. E. Johnson, to cost \$3,000; L. C. Horn, builder.

Architect J. K. Bice has prepared plans for a frame cottage for himself at a cost of \$1,000.

Sanford, Fla.—Mr. J. C. Heaton is erecting twelve cottages, to cost \$700 to \$1,000 each.

Paducah, Ky.—Architect D. A. McKinnon has prepared plans for a brick and stone residence for L. W. Boswell, to cost \$3,000, contract not let.

Architect D. A. McKinnon has pre-

pared plans for a frame residence for Si Harris, to cost \$2,500; contract not let.

Architect D. A. McKinnon has prepared plans for a frame residence for Sid Terrell, to cost \$1,500.

Architect D. A. McKinnon has prepared plans for a frame residence for Eli Boon, to cost \$2,500.

Pine Bluff, Ark.—Architect E. Cook has prepared plans for a residence for A. S. Barnett, to cost \$4,000. Contract not let.

Plans have been prepared for a frame residence for Mrs. Schobert, to cost \$1,500.

St. Louis, Mo.—Architect C. I. Illsley has prepared plans for six two-story brick residences for E. C. Garland, to cost \$7,000 each.

Plans have been prepared for a two-story brick residence for C. Graves, northeast corner Pine street, to cost \$10,000.

Washington, D. C.—A \$19,000 residence will be erected on 831 18th street, N. W., for Mrs. Mary C. Jones.

Atlanta, Ga.—Architects Golucke & Stewart have prepared plans for a frame residence for J. B. Heygood, to cost \$3,500.

Architects Golucke & Stewart have prepared plans for a frame and granite residence in West Atlanta, for J. T. Dargan, to cost \$8,500. Tilson & Forsyth, builders.

Architects Golucke & Stewart have prepared plans for frame and brick improvements to the residence of T. B. Brady, to cost \$1,300.

Architects Golucke & Stewart have prepared plans for a stone and frame residence for F. P. Heifer, of West Atlanta, to cost \$6,700.

Newnan, Ga.—Architects Golucke & Stewart, of Atlanta, Ga., have prepared plans for a frame residence for B. T. Thompson, of Newnan, to cost \$7,000. Cole Bros., builders.

Architects Golucke & Stewart, of Atlanta, have prepared plans for a frame residence for T. E. Atkinson, of Newnan, to cost \$5,200. Contract not let.



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**New Orleans, La.**—Architects DePass & Behan, Room 14, Imperial Building, have prepared plans for a row of four dwellings to be built in the Sixth District, for J. Freehan. To be double, two-story, 50x135 each, built of frame with slate roof, gas and plumbing fixtures, bath-room outfits, laundry fixtures, electric bells, inside blinds, slate and marble mantels, grates, plate and cut glass, hard oil finish and concrete sidewalks, to cost \$10,000. T. Hoffman, Mechanics', Dealers' and Lumberman's Exchange, has the carpenter contract.

Architects Toledano & Reush, Room 309, Mechanics' and Traders' Insurance Company's Building, have prepared plans for a residence for Wm. E. Payne, Baronne street, corner Gravers street, to be erected corner Peters avenue and Chestnut street, two-story and attic high, 50x130 feet in size, slate roof, electric bells, incandescent lighting, stationary water closets, bath room outfits, slate and wood mantels, galvanized iron cornices, built of pressed brick with marble trimmings, inside blinds, grates, dumb waiters, plumbing, plate and stained glass, concrete pavements, to cost \$6,000. Martin Costley, Mechanics', Dealers' and Lumberman's Exchange, has the carpenter contract.

Architect William Fitzner, 31 Carondelet street, has prepared plans for a residence, for Mrs. H. H. Flaspole, to be built corner Prytania and Constantinople streets, to be 31x135 feet in size, two stories high, have slated roof, pressed brick front, electric bells, gas and fine plumbing fixtures, wood and slate mantels, range, steam heat-

ing, dumb waiters, speaking tubes, grates, laundry and water closet fixtures, cement sidewalks. Estimated cost, \$6,000.

The same architect has also prepared plans for a residence for John Gauche, Moresque building, to be two stories in height, 50x85 feet in size, pressed brick front with stone trimmings, tile roof, galvanized iron cornice, electric bells, incandescent lighting, slate and marble mantels, gas fixtures, cut, stained and bevelled glass, inside blinds, dumb waiters, speaking tubes, hot water heating, laundry fixtures, bath room outfits, cement sidewalk, and to cost \$6,500.

Architect Sidney G. Del Isle has prepared plans for a residence for R. Tameret, 96 Camp street, to be two stories and attic high, 50x185, have slated roof, built of fine brick front with marble trimmings, have granite foundations, electric bells, electric lights, plate, stained, cut and bevelled glass, speaking tubes, hot water heating, architectural iron work, galvanized iron cornice, inside blinds, dumb waiters, have interior hardwood finish, concrete sidewalk; to cost \$12,300. B. J. Schneider, builder; Mechanics, Dealers' and Lumberman's Exchange, has the carpenter contract.

Plans have been prepared for a parsonage for the preacher of the Napoleon Avenue Church, to be built corner Napoleon avenue and Coliseum street. To be two stories high, slated roof, gas and plumbing fixtures, cement sidewalks, electric bells and plate glass, etc. To cost \$5,300. Edward Laewar, Mechanics', Dealers' and

Lumberman's Exchange, will superintend the erection.

Architects The Thomas Sully Company, limited, Morris Building, have prepared plans for a residence for M. Stern, 198 Gravier street, to be erected in the sixth district, two stories high, 65x150 feet in size; to be built of stone with granite foundation, electric bells, copper bays, galvanized iron cornice, wall paper, dumb waiters, stone fence, gas fixtures, plate, cut and stained glass grates, hard wood interior finish, architectural iron work, window guards, laundry fixtures, lavatories, marble and slate mantels, marble wainscoting and tiling, mineral wood parquet floors, plaster ornaments, range, slate and wood shingle roofing, cement sidewalk, encaustic tiling, plumbing of the most expensive kind, washstands, water closets. Estimated cost, \$20,000.

**Barnesville, Ga.**—Mr. J. L. Kennedy has the plans and specifications for his elegant new residence to be built on Zebulon street. It will be one of the handsomest residences in town when completed. Bruce & Morgan, of Atlanta, are the architects.

**Ybor City, Fla.**—The contractors, Edendenfield & Setton, are preparing to build fifty cottages for themselves at once. They will be to rent, and will be located near Seidenberg's factory.

Shaw & Jonnson, the contractors, are building a dozen cottages for rent north of Lozano, Pendus & Co.'s factory.

**Blacksburg, Va.**—Contracts for the erection of residences for six professors of the



Virginia Agricultural and Mechanical College at Blacksburg, and for a building in which to hold the commencement exercises at the college, will be awarded by the executive committee of the college, which will meet at Hotel Roanoke. The total cost of the buildings will be about \$30,000.

**Conway, Ark.**—Rickon & Thompson have furnished plans for a handsome two story residence to be built for C. E. Durham.

**Little Rock, Ark.**—E. J. Fisher has the contract for the residence to be erected for Thomas Barksdale, corner Adams and Twentieth streets.

**Madison, F. a.**—Material is being placed on the grounds for the new residence of Mr. R. E. Dickinson.

**Little Rock, Ark.**—Rickon & Thompson, architects, have prepared plans for an office and a two-story frame residence, to be erected for Robt. W. Worthen, at Scott Station.

Thomas Harding is making plans for a two-story brick veneer residence, to be built by Mr. Kaufman, in the Masonic addition.

**Madison, Fla.**—The old Milner residence has been torn away and soon the work of erecting a handsome residence on its site will begin for Mr. D. P. Beasley.

**Vicksburg, Miss.**—Work on the Baer, Booth, Cashman and Hipkins residences, all of considerable size, is under full way now, and with work of lesser importance also in progress, is giving employment to many mechanics. A prominent builder said yesterday that he did not know a good workman who was idle. The outlook favors increased employment for the building trades, and there is some additional work already in sight.

**Dublin, Ga.**—Mr. H. H. Smith is erecting a neat cottage on Gaines street.

Tax-Collector Linder is erecting a pretty little cottage on Bellevue avenue, opposite the Baptist church.

**Asheville, N. C.**—Mr. Wier will in the near future begin the erection of a residence.

**Baltimore, Md.**—Mr. T. W. Marriatt will erect three handsome cottages with all modern improvements.

**Mobile, Ala.**—Frank Cleveland, owner, Taggart & Canavello, contractors, Rudolph Benz, architect, two-story frame building, east side St. Joseph, between State and Anthony—\$1,800.

F. S. Cleveland, owner, Taggart & Canavello, contractors, Rudolph Benz, architect, two-story frame building northeast corner Congress and St. Joseph—\$2,000.

Mrs. Maggie Tue, owner, Jas. S. Collins, contractor, one story frame building, east side Bayou between Selma and Elmira—\$400.

C. F. Cullen, owner, days' work, three one-story frame buildings, Cullen terrace, head New St. Francis street—\$1,500.

C. F. Cullen, owner, days' work two one-story frame buildings north side Congress between Ann and Cuba—\$1,000.

P. Burns, owner, days' work to repair two-story frame building northwest corner Hamilton and Charleston—\$150.

John Craft, owner, James Bird, contractor, Rudolph Benz, architect, three two-story frame slate roof buildings northeast corner St. Joseph and St. Louis—\$10,000.

**St. Louis, Mo.**—Geo. Barnett, the architect, will build a fine residence.

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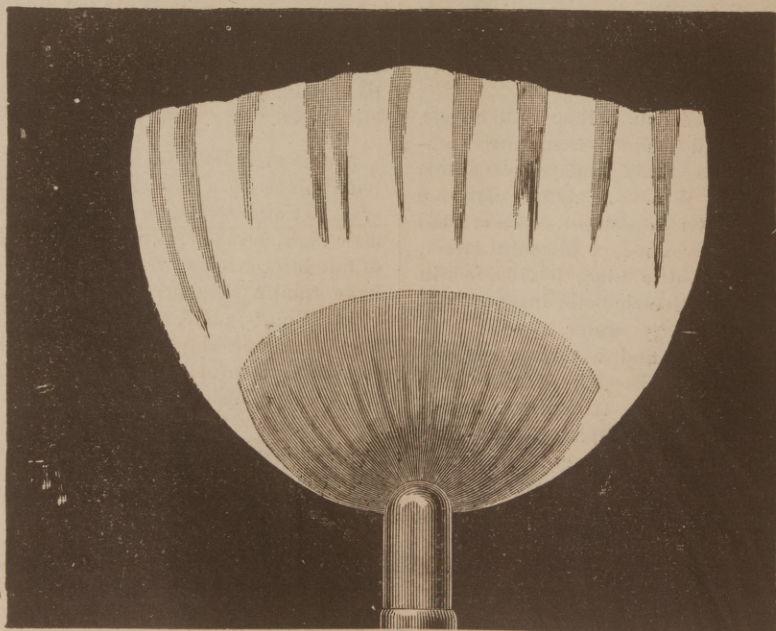
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Mary G. Logan is going to build a ten-room house.

**Vicksburg, Miss.**—The contractors, Messrs Curphey & Mundy and T. S. Gregory, have commenced work upon a handsome new residence for Mr. Dick Hipkin, on Drummond street in Speed's addition.

**Pendleton, S. C.**—Mr. C. C. Fricks is building a neat cottage.

**East St. Louis, Ill.**—Thomas L. Fekette is going to have a twelve-room brick dwelling erected on Eleventh street and Pennsylvania avenue. It will cost \$10,000.

**Whitewright, Tex.**—Bayless Bradley and J. H. Roach are building a handsome residence in the C. H. Brame addition.

**Plant City, Fla.**—Mr. W. H. Young is having a substantial house built upon his property adjoining the school house grounds.

Mrs. Brannon is having a fine house built upon her property.

**Columbus, Ga.**—Mr. J. W. Boon, who is connected with the coloring department of the Eagle and Phenix mills, has purchased a lot from the North Highlands Company at the corner of Third avenue and Thirtieth street, and will build a pretty home.

Mr. John Duncan has purchased a tract from Mr. W. H. Young, north of the city, and has cleared the property preparatory to building.

**Columbia, Ala.**—Mrs. Anna McGriff will build one of the handsomest residences in this section of Alabama.

**New Smyrna, Fla.**—Dr. Gilbert, of Mt. Dora, will at once build a cottage on the beach.

**Cross, O. T.**—C. T. Hembree will build a residence on his lots at the corner of J and Broadway.

N. A. Bailey has secured the contract for W. H. Little's residence on Comanche avenue.

**Culloden, Ga.**—J. O. Holmes, a two-story building.

**St. Joseph, Mo.**—A building permit was issued to May F. Barnett and Effie G. Crowther for a frame dwelling on Fifteenth between LaFayette and Seneca streets, to cost \$2,000.

**Servilla, Tenn.**—N. B. Witt is preparing to build him a handsome residence in Springtown.

**Dallas, Tex.**—The following building permits have been issued from the office of the city engineer:

Mrs. W. H. Prather, one story brick store on Main, between Stone and Akard streets. Cost of construction, \$1,500.

A. Wood, one-story cottage, corner Cochran and Ella streets, \$1,200.

Mrs. W. Kelly, two-story house, Main street and Exposition avenue, \$1,000.

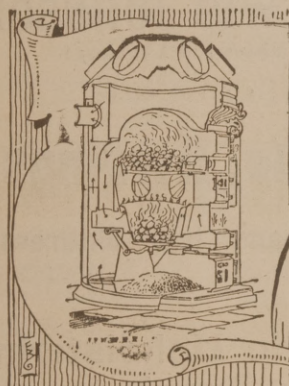
G. N. Aldredge, two-story dwelling house, Corsicana and Ervay streets, \$10,000.

Mitch Gray, one-story brick store, Commerce, between Market and Jefferson streets, \$6,000.

Max J. Rosenfield, one-story cottage, 199 Canton street, \$1,500.

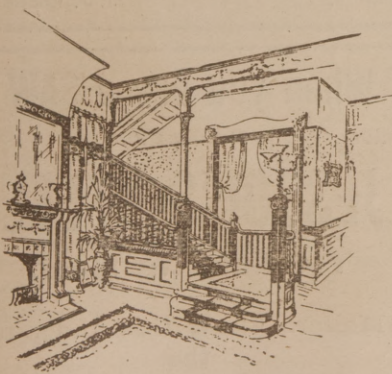
E. G. Patton, one-story brick house, southeast side of Jefferson street, \$1,200.

N. T. Blackwell, two-story dwelling house, 312 Worth street, \$1,500.



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R. R. Lawther, one-story house, 294 Bryan street, \$750.

Mrs. M. A. Warren, two-story brick stable, Commerce, between Poydras and Martin, \$5,000.

G. A. Schoelkopf, one-story brick, corner Ervay and Jackson streets, \$4,500.

Mrs. B. Adams, two-story dwelling house, corner Pearl and Live Oak streets, \$3,000.

Dr. H. K. Leake, two-story dwelling house, corner Pearl and Polk streets, \$3,000.

R. Fenby, one-story cottage, 225 Pochontas street, \$2,200.

Mrs. Sawnie Robertson, two-story dwelling house, Cadiz street, near Ervay, \$2,500.

A. M. Mann, addition to residence, 121 Veal street, \$1,000.

W. A. Frazer, one-story dwelling house, Haskell avenue and Bryan street, \$1,000.

John Frost, one-story dwelling house, Haskell avenue and Bryan street, \$1,000.

**Anchorage, Ky.**—Elegant country homes are to be erected upon twenty acre lots during the summer by W. G. Coldeway, of the Louisville Public Warehouse Company; James Thompson, the Main street whisky merchant, and Mr. Stephen Shallcross, the retired pork packer.

**St. Louis, Mo.**—Mr. Rethwilm, the well known clothier, is going to build a fine residence.

Mr. Arthur J. Barnes intends building a handsome residence.

Mrs. Pauline Sayers is going to build a fine residence.

**Bainbridge, Ga.**—Mr. Troup Hines is rebuilding his residence on its old site, whence it was burned some months ago. Mr. J. L. Dickenson is also erecting a handsome seven room residence on Donalson street.

**DeFuniak Springs, Fla.**—Mrs. N. C. Martin will erect a residence.

**Ardmore, I. T.**—Chas. Anderson, cashier of the First National Bank, is having plans made for a residence to cost \$3,100.

Ground has been broken for the foundation of a \$2,500 residence for H. H. Pennington.

**Baltimore, Md.**—Conrad Graf was granted a permit for eleven two story buildings at Washington and Lanvale street.

**Tampa, Fla.**—Dr. Jackson is having the land cleared preparatory to building fifteen cottages for rent in West Tampa.

J. H. Drew has the contract to build two \$500 cottages for O'Halloran & Co., near their factory.

**Louisville, Ky.**—The following building permits have been issued: Charles G. Hulsewede, brick dwelling, \$6,000; James H. Button, brick dwelling, \$7,000; Servin Griesbaum, frame.

**Atlanta, Ga.**—Geo. Foote has made plans for a frame residence for Mrs. E. Shehan, corner Pryor and Fair streets, to cost \$5,000.

G. L. Norrman has made plans for a frame residence for Dr. J. S. Todd, to cost \$10,000.

Jones & Brown, architects, Inman building, have made plans for a frame residence for Mrs. H. P. Fleck, to cost \$4,000.

Frame residence for C. I. Branan, to cost \$2,000.

Frame residence for H. T. Huff, West End. Cost, \$2,000.

**Washington, Ga.**—G. L. Norrman has made plans for rebuilding the residence of Mrs. J. P. Cozort, at a cost of \$2,500.

#### STORES AND BUSINESS BLOCKS.

**Atlanta, Ga.**—Architects Golucke & Stewart have prepared plans for the brick stores and dwellings with terra-cotta trimmings for Dr. C. E. Murphy, to cost \$8,600. W. W. McAfee, builder.

**Tampa, Fla.**—J. H. Drew has the contract to build a 40x50 foot store costing about \$1,500, for C. S. Wilcox. The store will be located opposite S. & F. Fleitas' factory in West Tampa.

**Rome, Ga.**—The building on Second avenue belonging to Dr. Hunt, and destroyed by fire some time ago, is being torn down, and Dr. Hunt will rebuild on the same lot at an early date.

**Little Rock, Ark.**—Sam. C. Alexander, of Pine Bluff, has engaged Gibbs & Breyssacher, architects, to prepare plans for a two-story block and warehouse.

**Arlington, Ga.**—Mrs. G. W. Wiseman has purchased a building lot from Dr. T. K. Leonard, just south of the City Drug Store, and will build a two-story store.

**Jasper, Fla.**—Fire destroyed stores of C. W. Bradshaw, J. M. Duncan and J. R. Tuten, loss \$22,000. Brick buildings will replace the burned structures.

**Vicksburg, Miss.**—Carphey & Mundy will begin the Williams warehouse Monday.

**Pendleton, S. C.**—The new bank building at Pendleton is nearing completion.

**Paradise, Tex.**—Wellborn & Co. are constructing a large business house.

**St. Joseph, Mo.**—A new office building is contemplated on Francis street.

**Wichita, Ark.**—V. H. Young, of the Co-operative Mining Co., of Wichita, has let the contract for a warehouse.

**Galveston, Tex.**—Plans have been prepared for a three story telephone exchange for the Southwestern Telegraph and Telephone Company, to be of St. Louis pressed brick, granite sills and lintels, also artificial stone, wrought-iron patent girders, maple flooring, composition roof and plate glass.

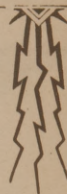
**Abbeville, S. C.**—Messrs. P. Rosenberg & Co. are tearing down the building on the eastern side of the public square known as the old Dendy corner, and will build in its place three handsome stores one hundred and twenty feet deep by twenty-five wide. They will be modern in architecture, with iron fronts, granite trimmings and French plate glass.

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### SANITARIUM.

Angier's Springs, Ga.—Dr. R. C. Flower will soon erect a large sanitarium at Angier's Spring. Postoffice address, Atlanta, Ga.

### STREET RAILWAYS.

Palm Beach, Fla.—R. W. Easley and W. H. Kendrick have organized a company capitalized at \$25,000, to contract an electric car line to this point, and to develop Palm Beach as a pleasure resort.

### STREET PAVING.

Montgomery, Ala.—The City Council of Montgomery, has decided to pave a considerable stretch of streets with Belgian blocks. The cost will be over \$40,000.

### THEATRES.

Washington, D. C.—Architects Lowell & Wood, of Chicago, Ill., will give all the information in regard to the \$200,000 theatre to be erected in Washington, near the White House.

San Antonio, Tex.—At a meeting of the directors of the San Antonio Jockey Club it was decided to build a commodious summer theater on the club grounds between the grand stand and the clubhouse, after designs furnished by McAdoo & Woolley.

Baltimore, Md.—A skating rink will be built on North avenue, corner Charles street.

Vernon, Tex.—The Logan opera house and W. E. Rettig's residence were burned. Loss, \$40,000, with \$14,000 insurance.

Galveston, Tex.—The Grand Opera House Company was organized, and the following were elected directors: Leon Blum, Charles Fowler, T. J. League, John Sealy, R. B. Hawley, David Fahey, Herry Greenwall and B. Adoue. The capital stock of the company has been placed at \$100,000.

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### RECENT CHURCH TOWER ACCIDENTS.

The following extract from a private letter is worth putting on record: "The fine old church of St. Mary's, Shrewsbury, has been irreparably injured, the spire, rising to a total height of 222 feet, having been blown down and fallen right through the roof, utterly destroying the fine timber openwork, so characteristic of our later Gothic. My nephew, who returned a day or two since from Germany, was witness of an extraordinary scene. Whilst at Stettin, he was looking out of his hotel window; above the roofs of the opposite houses he could see the tower of the old church called the Jakobi Kirche, built in the eleventh century. When the town was besieged by the Brandenbergers, in 1677, the spire was injured by a shot and fell through the roof; the church was then virtually rebuilt. The tower and spire were recently observed to be cracked and were surrounded with scaffolding. He turned his head away for a moment; there

was a loud crash and returning to the window, tower, scaffolding and all had disappeared! One man was killed; it is fortunate that the loss of life was no greater. The tower had fallen right through the roof and the church is a ruin."—*American Architect.*

### FIRE-ESCAPES ON HOTELS.

The full bench of the Supreme Court of Massachusetts, says the *New York Times*, has rendered a decision respecting fire escapes in a suit brought against the owners of a burned hotel in Boston, in which it says: "Whether proper means of egress or other sufficient means of escape from fire are provided in any hotel is necessarily a matter upon which men may differ in opinion, and we are of opinion that it was not the intention of the Act to leave it to a jury to determine after a fire whether there were proper ways of egress or sufficient means of escape. We think that the intention was that the Inspector (of buildings) should decide this question and that only after the Inspector has decided it and has given notice in writing, specifying what additional ways of egress or means of escape from fire are, in his opinion, necessary, and the owner, lessee, or occupant has neglected or refused to comply with the order of the Inspector, can it be said that the owner, lessee, or occupant has violated the provisions of the Act concerning proper ways of egress or escape from fire. . . . In no event is the sufficiency of the ways of egress or means of escape from fire to be determined by a jury; the question for a jury, so far as proper ways of egress or means of escape are concerned, is whether the defendant has complied with the written directions of the Inspector, or with these directions as modified on the application to the Superior Court."

### MEETING OF THE STOCKHOLDERS OF THE JOS. DIXON CRUCIBLE CO.

As an evidence that times are not so deplorable as they are said to be, was the satisfactory meeting of the stockholders of the Joseph Dixon Crucible Company, held at their fine offices in Jersey City, N. J., April 16. Out of 7345 shares 7215 votes were cast for the same board of managers that has conducted the affairs of the company through its years of prosperity. The vote was the largest ever cast and it was a decided compliment to the members of the board as were also the remarks of some of the largest stockholders. The board consists of E. F. C. Young, John A. Walker, Daniel T. Hoag, Richard Butler, William Murray, Joseph D. Bedle, Jerome D. Gillett.

In the organization of the board Mr. E. F. C. Young was elected President, John A. Walker, Vice-President and Treasurer, George E. Long, Secretary.

The Dixon Company was founded by Joseph Dixon in 1827, and organized as a stock company in 1868.

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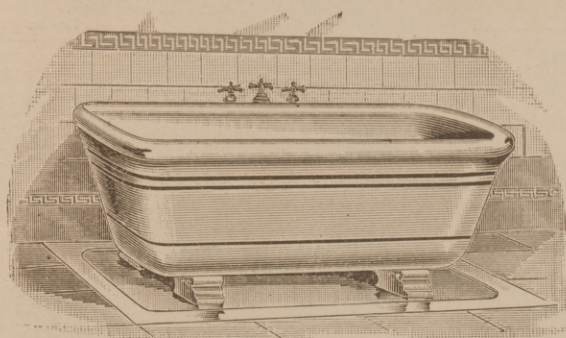
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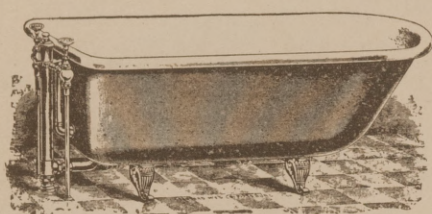
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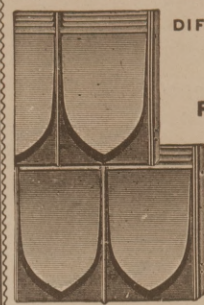
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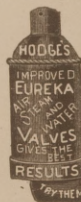
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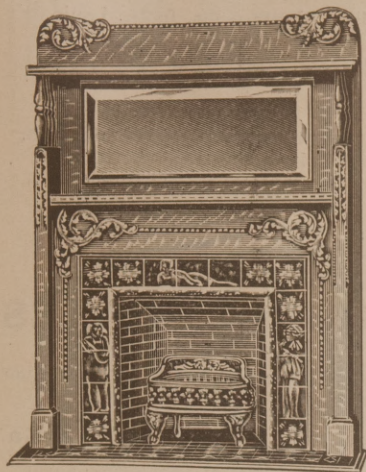
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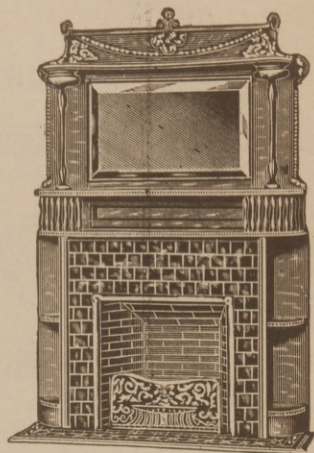


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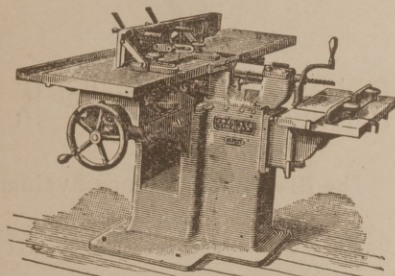
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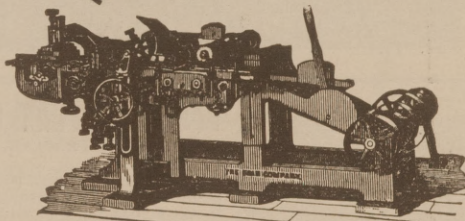
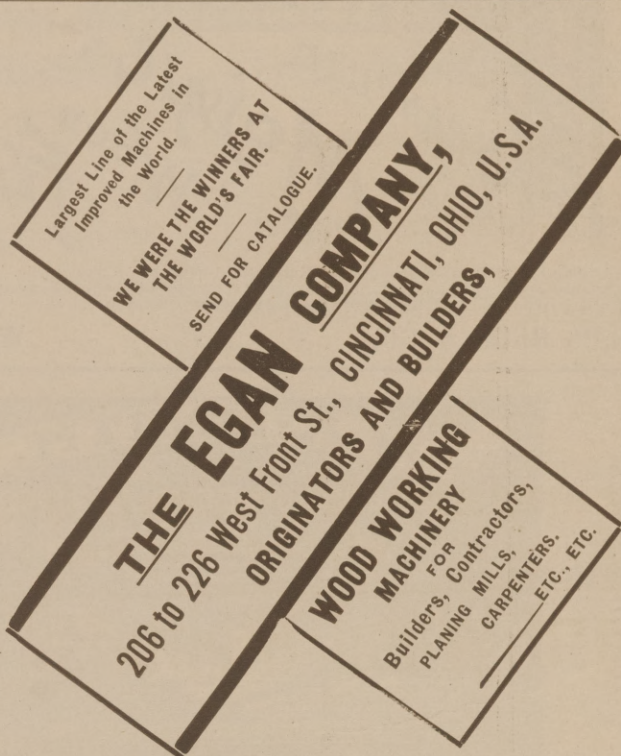
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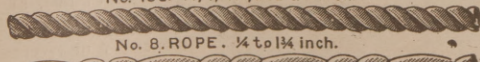
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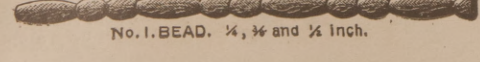
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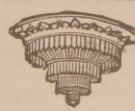
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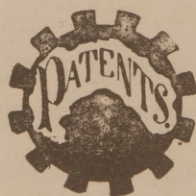


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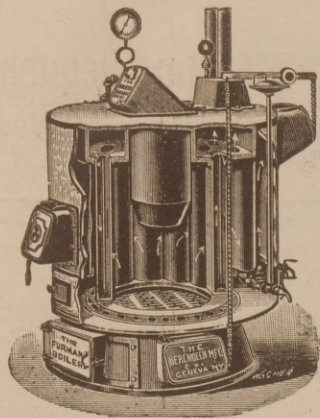
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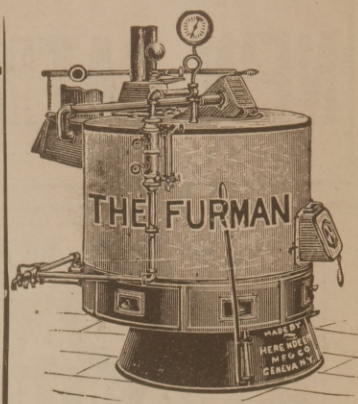
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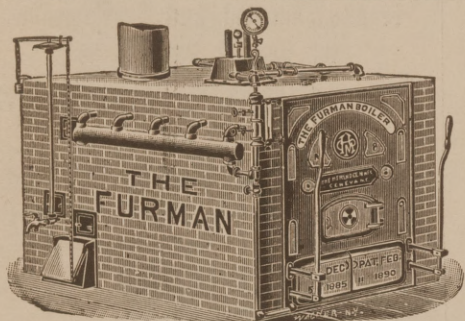


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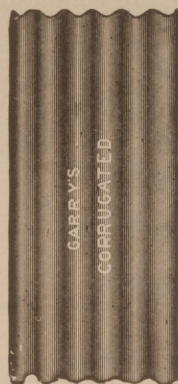
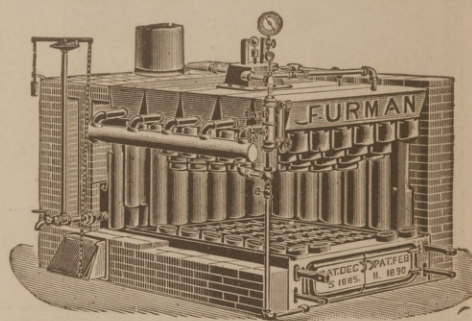
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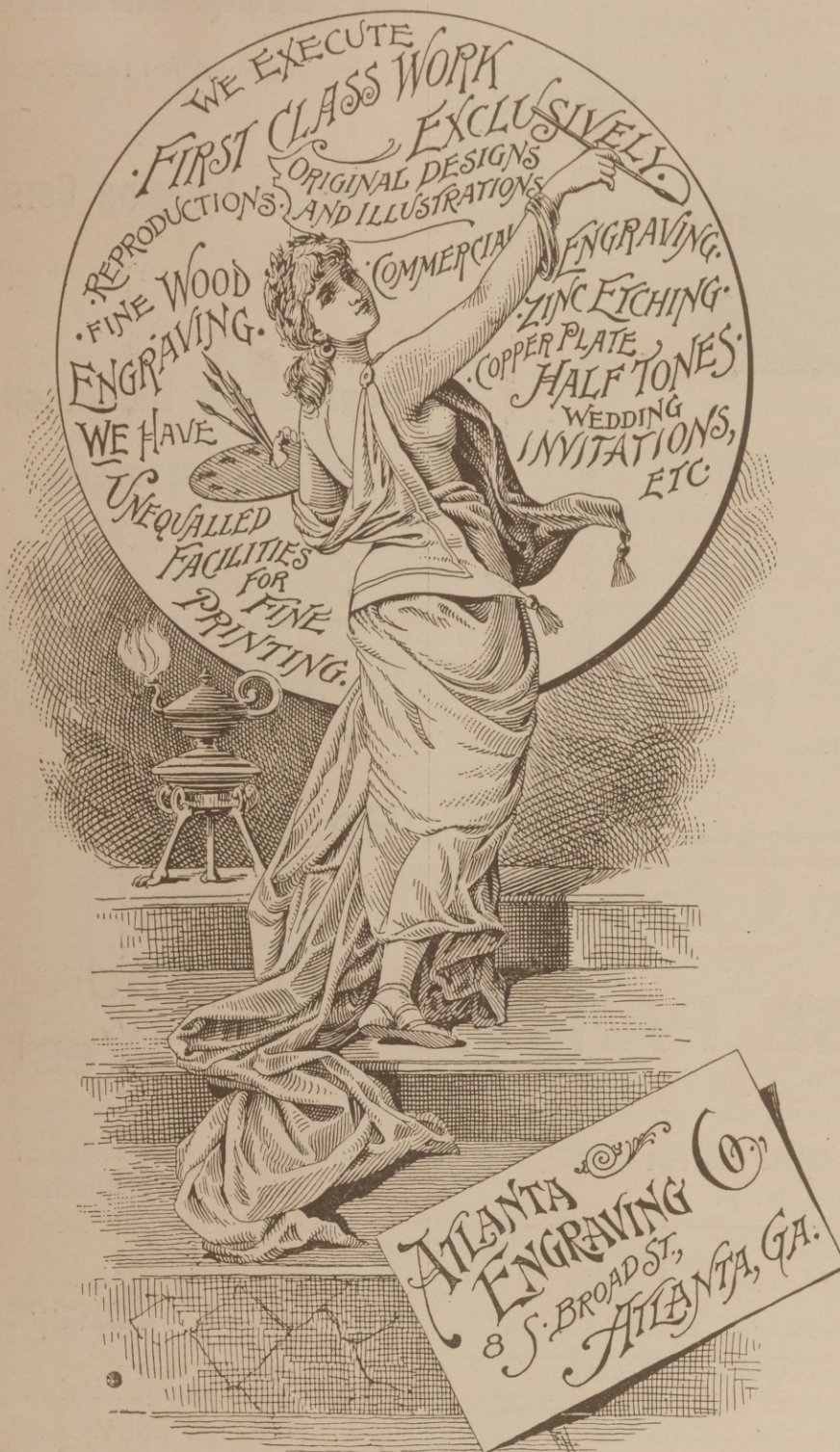
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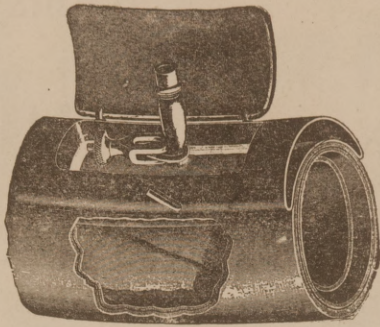
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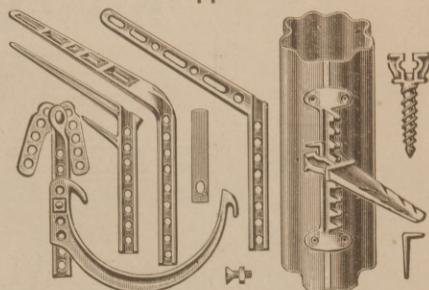
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<b>ARCH. TERRA COTTA.</b> Southern Terra Cotta Works. Corning, J. H. Saum, D. F.	<b>BUILDERS' MATERIAL.</b> Lewis, Wm. C. Redfield Co.	<b>ELECTRICAL SUPPLIES.</b> Gate City Electric Sup. and Const. Co. Georgia Electric Light Co.
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<b>BICYCLES.</b> Overman Wheel Co.	<b>COPPER CORNICES.</b> Roanoke Roof and Metal Co. I. N. Phillips.	
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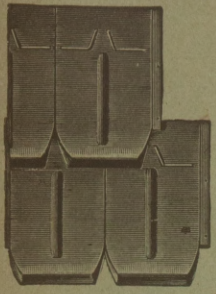
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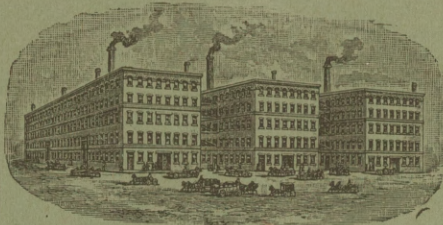
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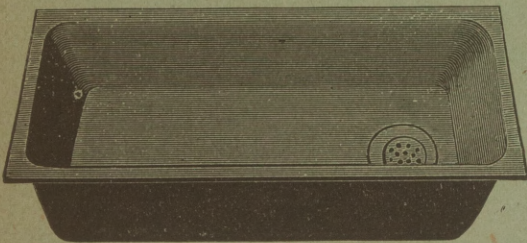
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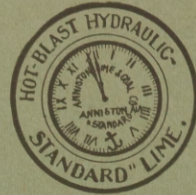
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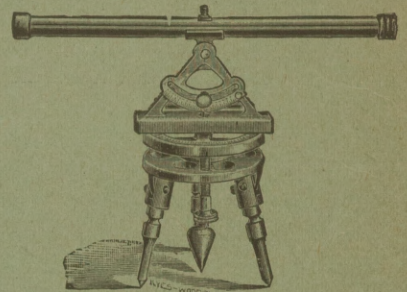
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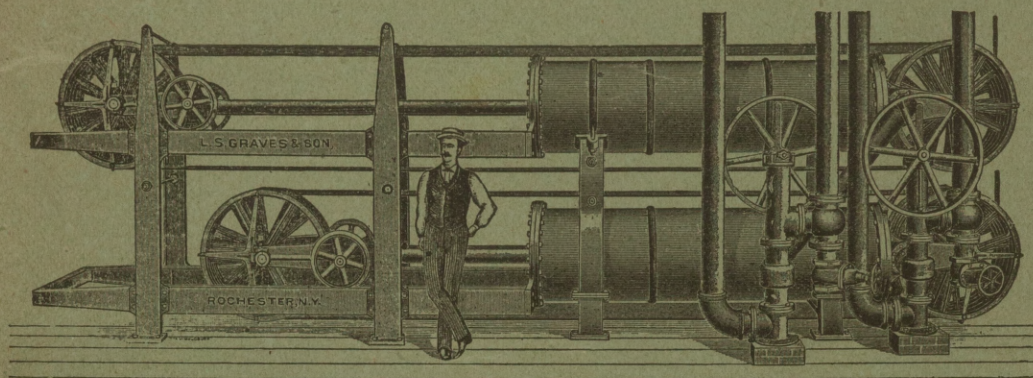


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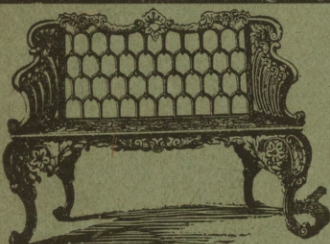
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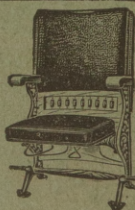
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