

There is now dozens of homes being built, representing everything from the humble four room cottage to the palatial residences that adorn our most aristocratic thoroughfares. It would be safe to say that there is at present nearly two million dollars worth of buildings either in course of construction or in immediate contemplation. It is a noteworthy fact, too, that they are being erected with a rapidity and in such numbers as to indicate a new era in the building industry of this city. Among the agencies which have contributed to this great activity in building we note in the subject of this sketch one which has ever been foremost in progress and energy.

This pioneer establishment has been in business in this city for nearly half a century. They incorporated in 1853 with practically the same members on the board of directors that compose the body today. The mills and mill are located at the old stand, corner of South Temple and Second West streets, where the shipping facilities are unexcelled. Some idea of the extent of the business may be gained from the knowledge that the firm occupies by the yards, warehouses, mills and office buildings cover three blocks of ground each ten rods long by ten rods wide. The planning mill is the original building that was erected twenty years ago, and stands as a silent testimonial of the enduring qualities of the adobe brick so largely used in the construction of our early buildings. The mill is equipped throughout with the most approved patterns of wood-working machinery, and by the employment of the best skill in mechanical science, they are enabled to turn out as high a grade of mill work as can be manufactured. The force numbers usually about 35 men, and the beginning of the mill is designed to supply the trade not only of this city, but as far north as Montana points, south to Arizona, and west into Nevada. All kinds of mill work is done, a specialty being the sawing, and doing and the interior finish, store and office fixtures, etc. The company carries the most complete stock of saws and windows in the state. Estimates and designs are furnished upon application and the reasonable company in previous years justifies the assertion that they possess both the competence and disposition to execute all contracts in accordance with the letter of specification.

The Taylor, Romney, Armstrong company had a number of contracts on the Deseret News building, among which we mention the entire east front of the building on the ground floor, as well as all the saw work. Most of the finishing lumber, mouldings, etc., also came from this mill. Among the contracts recently filled by this well known company are the following: Barrett Hall, of the Latter-day Saints University, the Twentieth Ward annex, and material used in the new University of Utah buildings. To them also belongs the credit of doing a large portion of the interior work upon the Salt Lake Temple.

The personnel of the company is composed of the following well known gentlemen: Geo. H. Taylor, president; W. F. Romney, vice president; George Romney, manager; and O. D. Romney, assistant manager, secretary and treasurer. Geo. H. Taylor is Bishop of the Fourth Ward, and has extensive interests in the Utah Sugar company, and is interested in a number of other prominent enterprises. Mr. W. F. Romney, the vice president of the company, is president of the Utah Commercial & Savings bank of this city, and has extensive cattle and mining interests. George Romney, the manager, is Bishop of the Twentieth Ward, and in the Deseret National bank, in the Z. C. M. I. and Home Fire Insurance company. Besides many other enterprises, he has given their consideration to the verdict of success.

These gentlemen are Utahans in the sincerest sense. They have devoted their energies to the best interests of the state that has given them wealth and influence, and Salt Lake City has no citizens whose public spirit has done more for the general welfare than these gentlemen. No progressive or moral movement inaugurated in recent years has lacked their support, in both a material or influential way, nor has any enterprise to which they have given their consideration lacked the verdict of success.

SAN FRANCISCO FURNISHES ELEVATORS

For the Deseret News Building—Alternating Current and Electrically Controlled—Speed of 300 Feet per Minute.

A quarter of a century ago the Deseret News building, of which we are so justly proud, would have been of but little value for office purposes. Indeed, the modern skyscraper would never have existed had not the ingenuity of the fertile American brain made possible the means of reaching the offices and rooms on the sixth, tenth and twenty-fifth floors, as the case may be, by some other means of locomotion than that practiced by our forefathers of wearily climbing the staircase. It is a disputed question today as to whether the elevator made the modern ten-story building a financial success or whether the modern building made the existence of the elevator both a necessity and profitable. As it may, the fact remains that the one is indissolubly connected with the other.

It is a source of gratulation that the new home of this paper should be the first building in the state to adopt the most approved and advanced automatic and electrically controlled alternating current elevator yet intended. As evidence of the lateness of the invention it is but necessary to call attention to the fact that three patents are now applied for and the patent office at Washington has not as yet had time to issue the necessary papers, although the home office in San Francisco is expected to hear from the patent office at any time.

The Deseret News building is provided with two elevators, located in both the southeast entrance to the building from Main street, and in the northwest entrance from North Temple street thus affording access to any part of the upper floors in a most convenient manner. The elevators have a speed of 300 feet per minute, and each one is operated by a 20 horse-power alternating current electric motor. A

unique feature that will be appreciated by the public in general is the electric controlling system, which gives the operator absolute control over the electric current and elevator. There is an automatic device which prevents the cable should break or become out of the current and it can only be started again by being readjusted from the dynamo room in the basement. There is also provided an automatic stop at the top and bottom of the elevator well, which makes these passenger elevators the safest in operation. The work of installing the machinery and cages has been conducted under the direct supervision of the manager of the company, Mr. B. C. Van Emon, who has an able corps of skilled electricians, furnished by their Utah agent, the Salt Lake Electric Supply Company. The electrical engineer in the fact that it is alternating two phase complete and consists of five units, which gives the operator complete control of the car. The first two units are connected with the motor, and either up or down as the operator desires, while the other three are for short circuiting the secondary which gives the cage any speed called for up to 300 feet per minute, for which the elevators were designed. In the car is a neat fan-shaped switch consisting of a series of contacts, which carries a minimum amount of current through a flexible cable to the five solenoids which control the motor and also the electric brake.

The work has been conducted in a highly satisfactory manner, both in regard to equipment and dispatch, and the "News" trusts that this may be but the beginning of a large business that this company may find in the state. They will be awarded the contract for the elevator equipment for the "News Annex." The Electrical Engineering company of San Francisco is one of the largest and most reliable electrical firms on the Pacific coast. They were incorporated in 1889 with R. J. Davis as president, and Mr. B. C. Van Emon as manager, and electrical engineer. Mr. Van Emon has an experience extending over many years, and has placed the electrical plants in many of the finest buildings of the Pacific coast metropolises. At the company's plant in this city are employed, the company doing an extensive business in all kinds of electrical appliances and machine apparatus, in addition to their work connected with installing freight elevators. Correspondence addressed to the home office, No. 509 Howard street, or the Salt Lake Electric Supply Co., in reference to the various lines, will meet with prompt and courteous attention.

THE JOHNSON SYSTEM OF TEMPERATURE REGULATION

A modern structure does not only imply a handsome style of architecture and convenience in arrangement, but also several important items in the way of equipment.

In the East, where large buildings are numerous and where by experimentation and by experience, the matter of equipment has had most careful attention, certain requisites are now universally recognized. Economy and convenience are aimed at.

The Johnson system of temperature regulation, which is installed in 30 per cent of the public and private buildings on the American continent, where any structure is recognized at all, is itself a wonderful device. It may, therefore, be of interest to our readers to describe briefly its operation.

Primarily, the system controls the temperature. If it is found desirable to keep the temperature of a room at 70 degrees the thermostat placed in that room is set at the degree named. The temperature will, through the aid of the device which is connected by tubes with the heating system, be kept at 70 degrees. The thermostat not only prevents the room from becoming too cool, but it also prevents it from becoming too hot.

The moment that there is a tendency towards a lower temperature, the device automatically opens the dampers and thus supplies the required heat. If on the other hand, there is a tendency for an excessive temperature, the device closes the radiator valves and thus prevents a discomfort and a waste of fuel. The thermostat is most sensitive and acts upon the slightest variation in the temperature.

The economy is apparent. If the outdoor temperature is 40 degrees, only 30 degrees of heat are required in order to attain the 70 degrees. The outdoor temperature is apt to vary considerably between the morning and evening hours. The most careful janitor will be unable to regulate the temperature and keep it at the required point. During the middle of the day, the outdoor temperature may have risen to 50 degrees, and the thermostat will be required to ensure comfort for the occupants.

The Johnson system operates automatically at all hours. It does its work so easily that the temperature will not vary one degree.

The advantage to the occupant of the room or building can easily be seen. While a waste of fuel is avoided, the health and comfort of the occupant is also guarded.

When the temperature in a room sinks below the point of comfort, it is reasonable to suppose that chills, coughs or colds may follow. If the temperature is excessive, equally injurious effects are apt to follow. To cool off a room by opening a window

means an exposure to draughts, which are apt to endanger the health of the occupants.

The Deseret News building is equipped with the famous Johnson system of temperature regulation. The system was installed in the city and county building some 10 years ago, and has given great satisfaction. It is also in successful operation in a few minor buildings.

With the Johnson system to control the temperature, and thus add to the comfort and health of the occupants, the Deseret News building is the most modern completely equipped building in the West.

GEO. E. MARTIN.

Lime, Plaster Paris, Plastering Hair.

Three miles north of the Deseret News building near the point of the mountain where one swings north on the Ogden road is one of the busiest scenes that greets the eye in this part of the country. Here George E. Martin established his lime kiln over 30 years ago, and so well did he select his location that the material used in the manufacture of "Jones Quick Lime" is still as plentiful as the day he first "freed." The reputation of this celebrated lime has extended all over the territory covered by the circulation of this paper, and it is conceded to be the best possible obtainable.

In the construction of our new building, carried out after the plan of the products from this pioneer lime kiln, has been used in the various parts of the building, and the contractors are a unit in admitting its superiority. At the same time there are two kinds that are in use, one a large one and one smaller, it being the object of the management to produce the lime as the demand re-

quires.

out is the best that can be done by master mechanics operating the best modern equipped plant.

This is a custom mill, and a general planning business is done. The scope of work is too broad to admit of going into details, but we may name as specialties the manufacture of sash, doors, windows, mouldings, brackets, scroll work, turnings, fine interior finish, of all descriptions, store office and bank fixtures, etc. The planning mill is in charge of Mr. G. A. Asper, a most skilled and competent mechanic. All of the window casings in the Deseret News building as well as much of the interior work is made of the best oak made by this pioneer company under the supervision of Mr. G. A. Asper. The wood work on the main floor north room was also a part of this company's contract. The facilities of the mill for doing high class work are unexcelled in the state. From 15 to 30 men are employed in the yard, mill and work.

The stock of lumber carried by the company is most complete and is selected with a view to supplying the demands of the trade in this section. They draw upon the pine forests of Oregon, the famous yellow pines of Texas and the oaks and poplars of Tennessee for their stock while much of the finishing lumber used in the city comes from the celebrated pines of Truckee, California. Some idea of the extent of the business conducted by the company may be gained from the fact that they annually dispose of over one hundred and ten carloads of lumber. They are always glad to submit estimates for work in their line to be put anywhere in this section of the state, and the acceptance of a contract by them may be taken as a guarantee of satisfaction. Messrs Asper and Noall are mill men of long experience, and, it is gratifying to add, are esteemed no less as upright and honorable business men than as skilled and able mechanics.

proper distances throughout the halls of the building. It is interesting to note in this particular that this is the latest approved system of steam heating, and is what is known as the vacuum system. All air is drawn from the radiators before the heat is turned on, with the result that five minutes later every feature that is among the latest devices is in operation. The instrument known as the thermostat, which regulates the temperature of the room as the occupant desires, is most simple to operate, being almost automatic for its nature. If the temperature of the room is set at 70 degrees, the occupant sets the thermostat at that point and the moment the temperature reaches the required degree the heat is automatically shut off, rising again in the room as the temperature of the various offices can be regulated by the occupants without incurring the slightest inconvenience to the next door neighbor.

D. W. James & Co. have fitted a number of our most modern buildings with steam heat and plumbing, among which we mention the Tabernacle, the Logan temple and the Manti temple. The D. W. James block, the Constitution block, the Assembly hall, and other yet less prominent buildings are some of the handsome homes of the city. The present firm is a worthy successor to the business established and maintained for so many years by their father.

Future visitors to Salt Lake City will be shown with pride to the Deseret News building, by residents of this historic spot, and in it they will see the embodiment of architectural perfection, we feel safe in saying that no more modern structures are erected in the home of sky scrapers, New York City, itself, than this, our new home. It has been our desire to give credit where credit is due in preparing these complimentary notices of the men and firms that assisted in the construction of the "News" building what it is. It is therefore but just to devote special space to the above firm which successfully handled the contract for all the plate glass used in the building, together with the painting and varnishing necessary to give it its finishing touches.

The Bennett Glass & Paint company, of which John F. Bennett is president and manager, and W. J. Bennett secretary and treasurer, was organized three years ago, having succeeded to the old established business of the Sears Glass and Paint company at 67 west, First South street, this city. They have proved worthy successors to the business so successfully conducted by their predecessors, and, in fact, have made many changes that have proved advantageous to the company.

The stock carried by the company is at all times full and complete, and it is a source of pride with the management that no order has been received that has proved too large for them to handle, indeed, the contract for the plate and ground glass in the Deseret News building amounted to over \$10,000, and the contract for the annex, which is being erected by the same firm, is a large one. They have a department in which skilled workmen manufacture all the art glass used by the company, while another feature of the business that will continue to meet the increasing demand is that in the line of making mirrors, all the beveling being done on the premises by experienced men.

Formerly all orders for the same having to be placed in the east, The Bennett Glass and Paint company are turning out a superior article in show cases, which they make at prices that debar future operations of eastern houses in this field. Ninety per cent of the plate glass used in the state is supplied by this company, and they are directly from the eastern factories in carload lots. They are the only ones who carry a stock in the state.

A traveling representative of the company is on the road constantly looking after the interests of the firm, in the line of paints and colors the firm were fortunate in securing the agency of the well known Heath & Milligan's paints, while they were equally progressive in handling the celebrated Berry Bros. and Standish's colors, and a complete stock of the same being kept on hand.

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Contracting Electrician.

One of the most progressive electricians in the west is Mr. T. G. Allen, who has had the contract for the electrical work in our new home, the Deseret News building. In compiling the list of names of those contractors who have by their skill assisted in making the News building the finest structure of its kind west of Chicago, Mr. Allen is certainly deserving of special mention.

Mr. Allen is a thorough, practical electrician who furnishes estimates and contracts for the placing of electric plants, dynamos, also for the wiring of buildings, electric lighting, etc. Since establishing himself in business in this city in 1896, he has done the electrical work in many of the most important buildings in this city. Among the most prominent are the recently completed Latter-day Saints' Business College, the Auerbach store, the State Fair building, and other too numerous to mention. He now has contracts for the new Daily block, as well as for the annex to the present Deseret News building.

Mr. Allen has been a resident of this city for the past eleven years during which time he has always manifested a most praiseworthy interest in the affairs of his adopted home and since the inception of his business, four years later, has achieved an enviable reputation for the superiority of his work. "News" takes pleasure in finding to compare favorably with those of any other house in the business. Mr. Allen fully guarantees to carry through to completion all contracts and orders according to the best of his ability, and he is highly regarded in trade circles for his skill, justly meriting the patronage accorded him in this important industry, and his future prospects in all kinds of electrical work are of the most favorable character.

THE D. W. JAMES PLUMBING COMPANY

In connection with the building operations in this city that are destined to change the appearance of Salt Lake from an overgrown country town to that of a metropolitan city, it has been necessary for our artisans and skilled mechanics to keep pace with the progress made in sanitary plumbing. Be it said to their credit that when the occasion has arisen they have ever proved equal to it. It would undoubtedly be a source of surprise for the majority of the people of this city and state to learn that no more modern structures are erected anywhere than that now nearing completion for the Deseret News. When the contract for the steam fitting was awarded to the D. W. James company they proved that they could handle it to the entire satisfaction of the owners. They have, in fact, done the best work in this line and more of it than any other house in the city.

The business was established over 20 years ago by the father of the present proprietors, David James, who conducted it under the original name until about one year ago, Mr. James went to New York in 1878, and was the first to introduce the one-pipe system of steam heat in Utah. The sons, D. W. and H. C. James learned their trade under the experienced hand of their father, who has practically had charge and control from the time of the inception of the business in 1872, and whose ability and energy has resulted in building up one of the most successful houses in the state. The facilities of the firm for doing work have been steadily enlarged and improved, and they are now prepared to adopt anything calculated to advance the interest of the firm or its patrons. Its policy is always progressive and improvements are added as soon as made, so that each new job completed is, if possible, an improvement over its predecessors.

A complete description of the Deseret News building with its many modern and model features will be found elsewhere in these columns. The system of steam heating, as installed by the D. W. James Plumbing company. It will, however, be quite appropriate to give space to a passing mention of the system being called to the attention of the public for heating purposes is furnished from two 80 horsepower boilers, located in the basement of the building, all pipes leading from them to the various parts of the building are protected with an asbestos covering. Radiators are placed in every room and at the

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In connection with the building operations in this city that are destined to change the appearance of Salt Lake from an overgrown country town to that of a metropolitan city, it has been necessary for our artisans and skilled mechanics to keep pace with the progress made in sanitary plumbing. Be it said to their credit that when the occasion has arisen they have ever proved equal to it. It would undoubtedly be a source of surprise for the majority of the people of this city and state to learn that no more modern structures are erected anywhere than that now nearing completion for the Deseret News. When the contract for the steam fitting was awarded to the D. W. James company they proved that they could handle it to the entire satisfaction of the owners. They have, in fact, done the best work in this line and more of it than any other house in the city.

The business was established over 20 years ago by the father of the present proprietors, David James, who conducted it under the original name until about one year ago, Mr. James went to New York in 1878, and was the first to introduce the one-pipe system of steam heat in Utah. The sons, D. W. and H. C. James learned their trade under the experienced hand of their father, who has practically had charge and control from the time of the inception of the business in 1872, and whose ability and energy has resulted in building up one of the most successful houses in the state. The facilities of the firm for doing work have been steadily enlarged and improved, and they are now prepared to adopt anything calculated to advance the interest of the firm or its patrons. Its policy is always progressive and improvements are added as soon as made, so that each new job completed is, if possible, an improvement over its predecessors.

A complete description of the Deseret News building with its many modern and model features will be found elsewhere in these columns. The system of steam heating, as installed by the D. W. James Plumbing company. It will, however, be quite appropriate to give space to a passing mention of the system being called to the attention of the public for heating purposes is furnished from two 80 horsepower boilers, located in the basement of the building, all pipes leading from them to the various parts of the building are protected with an asbestos covering. Radiators are placed in every room and at the

same

proper distances throughout the halls of the building. It is interesting to note in this particular that this is the latest approved system of steam heating, and is what is known as the vacuum system. All air is drawn from the radiators before the heat is turned on, with the result that five minutes later every feature that is among the latest devices is in operation. The instrument known as the thermostat, which regulates the temperature of the room as the occupant desires, is most simple to operate, being almost automatic for its nature. If the temperature of the room is set at 70 degrees, the occupant sets the thermostat at that point and the moment the temperature reaches the required degree the heat is automatically shut off, rising again in the room as the temperature of the various offices can be regulated by the occupants without incurring the slightest inconvenience to the next door neighbor.

D. W. James & Co. have fitted a number of our most modern buildings with steam heat and plumbing, among which we mention the Tabernacle, the Logan temple and the Manti temple. The D. W. James block, the Constitution block, the Assembly hall, and other yet less prominent buildings are some of the handsome homes of the city. The present firm is a worthy successor to the business established and maintained for so many years by their father.

Future visitors to Salt Lake City will be shown with pride to the Deseret News building, by residents of this historic spot, and in it they will see the embodiment of architectural perfection, we feel safe in saying that no more modern structures are erected in the home of sky scrapers, New York City, itself, than this, our new home. It has been our desire to give credit where credit is due in preparing these complimentary notices of the men and firms that assisted in the construction of the "News" building what it is. It is therefore but just to devote special space to the above firm which successfully handled the contract for all the plate glass used in the building, together with the painting and varnishing necessary to give it its finishing touches.

The Bennett Glass & Paint company, of which John F. Bennett is president and manager, and W. J. Bennett secretary and treasurer, was organized three years ago, having succeeded to the old established business of the Sears Glass and Paint company at 67 west, First South street, this city. They have proved worthy successors to the business so successfully conducted by their predecessors, and, in fact, have made many changes that have proved advantageous to the company.

The stock carried by the company is at all times full and complete, and it is a source of pride with the management that no order has been received that has proved too large for them to handle, indeed, the contract for the plate and ground glass in the Deseret News building amounted to over \$10,000, and the contract for the annex, which is being erected by the same firm, is a large one. They have a department in which skilled workmen manufacture all the art glass used by the company, while another feature of the business that will continue to meet the increasing demand is that in the line of making mirrors, all the beveling being done on the premises by experienced men.

Formerly all orders for the same having to be placed in the east, The Bennett Glass and Paint company are turning out a superior article in show cases, which they make at prices that debar future operations of eastern houses in this field. Ninety per cent of the plate glass used in the state is supplied by this company, and they are directly from the eastern factories in carload lots. They are the only ones who carry a stock in the state.

A traveling representative of the company is on the road constantly looking after the interests of the firm, in the line of paints and colors the firm were fortunate in securing the agency of the well known Heath & Milligan's paints, while they were equally progressive in handling the celebrated Berry Bros. and Standish's colors, and a complete stock of the same being kept on hand.

T. G. ALLEN,

Contracting Electrician.