

Miscellaneous.

MOLER'S BARBER AND HAIR-DRESSING COLLEGE.

The Moler's Barber and Hairdressing college are to be found in Salt Lake City, Utah, Dallas, Texas, and Denver, Colorado, and in each city they have developed a very large business both in following the barber's craft and in affording their patrons the highest class of skilled barber work at very moderate charges. Their college in Salt Lake was established only as late as last February and yet it has scored a wonderful success. It is located at 42 South South street, and is well equipped and under expert and able management. Every attention is given to haircutting, hair dressing and manicuring both ladies and gentlemen. As well as to shaving, shampooing, etc., as well as the perfectly done at very moderate charges, while, when desired, patrons are waited on at their own homes. The college is prepared to receive pupils on very favorable terms, give the trade and a thorough course of training is given which fits them to carry out the work successfully.

MRS. M. L. GIBSON.

One of the leading "ladies" hairdressers in Salt Lake City is Mrs. M. L. Gibson who has been established here between five and six years and has built up an influential patronage which is constantly growing. She is also an expert manicurist and is a specialist in scientific manicuring and her finely appointed parlors are located at 115 State street between the Knott and the Deseret hotels. A fine stock of hair goods is carried as well as a complete line of hair ornaments, cosmetics, face preparations, etc., and she is constantly growing. She is also agent for the famous "Freckle Cream," which she guarantees will remove freckles. Hairdressing in the latest style is executed, facial massage is skillfully given and manicuring expertly done, and for her services in these directions Mrs. Gibson makes most moderate charges.

OWENS, VARNY & GREEN.

It has always been a problem with our merchants and others desiring to reach the public, as to which is the best paying class of publicity. In Salt Lake City we have in Owens, Varney & Green, successors to the Western Bill Posting Co., a concern that will have every reason to know is able, through the many well located bill boards it owns in all sections of the city, to give our merchants a most satisfactory and paying class of publicity, and to do so at very moderate charges. The office of the former is at 50 Richards street, telephone 1077, while they also have offices in San Francisco and New York City, and in all are doing a very large and constantly growing trade. The local office is under the experienced and capable management of Mr. S. W. Anderson, while Mr. H. S. Anderson is treasurer and both gentlemen are highly regarded in the community. They are prepared to post bills, to make signs and bulletins, etc., and also to write wall signs, doing in all the best class of artistic work at very moderate charges. They cheerfully furnish estimates, and are prepared to attend to work sent from a distance, and also to give price quotations for work in San Francisco or New York City, and they are given a large and discriminating patronage.

OTTINGER'S TICKET OFFICE.

Our citizens and visitors are to be

congratulated in the opening up in this city of a branch of the great San Francisco ticket brokerage house, so long carried on under the style of Ottinger's Ticket Office, at 620 Market street, that city, with branch offices in Seattle, Wash., 420 First Avenue, and in Los Angeles, Cal., at 212 S. Spring street, 612 Riverside Ave., Spokane, Wash., while their local office is at 15 W. Second South street. Telephone, 1082.

Mr. M. J. Frankland, the manager, of the Salt Lake office, has been in the cut rate ticket business (located in Chicago) during the past 21 years, in fact he has made a life's study of the business, and his many friends will be glad to learn that he has the management of Mr. Ottinger's Salt Lake office.

They are pioneer members of the American Ticket Brokers' Association and have the best and most influential connections in all the cities of our Union, and they are able to save patrons from \$5 to \$20 to all points. They buy, sell and exchange railroad tickets on equitable terms and are prepared to promptly furnish railway tickets to all points, at lowest cut rates.

WARM SPRINGS BATHS.

Year by year the people of the west are becoming to recognize the value of Salt Lake City as a health resort, for to its clear mountain air, it adds the possession of sulphur springs of the highest curative properties. The Warm Springs baths of which Mrs. Abbotline Barnes is the able proprietress have no counterpart in any state in the interior mountain country and they are now receiving the very extensive patronage which they merit. These baths are located on Second West between Seventh and Eighth North streets at the end of the street car line, and the springs give forth pure hot water direct from the mountains at 112 degrees Fahrenheit, in baths from 109 to 108 degrees Fahrenheit and these contain much sulphur as well as other medical and curative properties which make them especially effective in the cure of many diseases. They are invaluable in rheumatism, catarrh, and all diseases of the skin and blood. Mrs. Barnes always has skilled, courteous attendants on hand and the place is kept neat and clean. There are numerous private plunges and bath tubs, while there is a large swimming pool of running water. Each receives popular appreciation and an extensive patronage.

I. CLINE & BRO.

One of the most reliable pawn offices in this city is Uncle Sam's Loan office, conducted by Messrs. I. Cline & Bro., the well known clothiers, furnishes and jewelers, at 28-30 East First South street. The business was established five years ago and the proprietors have built up a large business, by dealing liberally and honorably by their patrons, and they are highly regarded in business circles. They make liberal loans on all kinds of personal security of value at low interest rates, large loans being made at New York rates of interest. They carry a large stock of ready-to-wear clothing, made from the most reliable materials in the latest fashions, also a full line of men's furnishings, watches, gold and silver jewelry, clocks, etc., these are sold at close prices, while they have on hand some rare bargains in undecommodated pledges. They also own and conduct two large general merchandise stores in southern Utah, one at Beaver, established six years ago, and one at Milford, Utah, established last year.

DR. C. W. NUNN & CO.

Dr. Nunn's Black Oil has long been

known as the "Horse's Friend" and today it has an enormous sale, it being used by the largest stables in this and other western cities, notably Wells, Fargo Express Co., Pacific Express Co., J. C. Watson Transfer Co., Pleasant Valley Cattle Co., etc., etc. It is a safe, speedy and reliable cure for barbed wire fence cuts, wounds, sores, saddle and collar galls, and in an immense number of diseases to which cattle are liable. It keeps flies from sores and wounds, cures screw worms on backs of cattle and sheep and is the best hoof ointment ever used. It is also invaluable for human beings in many diseases, and is put up in blue cartons for human internal use and in red cartons for animal use, while a veterinary pamphlet accompanies each carton, treating all diseases. This is by Dr. C. W. Nunn, M. D., one of the most experienced of our country's veterinarians and a gentleman of good professional ability. The company whose factory is at 57 West First South street, telephone 978-3, also puts up Dr. Nunn's Black Vesicant, a powerful blister for all tendons, bony enlargements, curbs, shoulder lameness, ring bones, spavins, splints, etc., and both are sold by druggists and dealers at very moderate prices.

ODORLESS AND SALT LAKE SCAVENGER CO.

We desire to draw attention to the useful service rendered by the Odorless and Salt Lake Scavenger Company, which has the only complete outfit in the city and which does the major part of the work in its line here. The proprietors and manager is Mr. Frank Larson, a thorough business man of energy and progressive ideas, who is thoroughly prompt and honorable in all his dealings and very highly esteemed by his patrons. The office of the company is at 59 South Main street, and the company is specially prepared to undertake the cleaning out and disinfecting when necessary, which is done by the use of the work is performed in a quiet and very satisfactory manner and there is no offensive smell by their methods. They have a pump and iron tank for the purpose, which enables the work to be rapidly done while only experienced men are employed and the company's facilities are the best. Low charges prevail while special inducements are offered in monthly or yearly contracts.

JOHNSON SERVICE COMPANY.

The service rendered by the above named company is that of regulating temperature in a room or building, and known as the Johnson system of temperature regulation, and mechanical clock system. This system operates by means of a thermostat, which is placed in the room and works automatically under pressure of compressed air, which may be obtained by utilizing the water pressure of a building. The object is to keep the room at a uniform temperature, of 70 degrees. This is done by the automatic operation of a thermostat, which may be attached as an ornament to the wall. The room never gets too warm or too cold. The change of a degree in temperature will cause a change of action in the machine and instantly bring the air to its equilibrium. Public buildings, schools, asylums, offices, stores and homes, all over the United States are thus regulated by this modern device, and by its use, the annoyance and danger of opening a window to cool a room is dispensed with. The headquarters of the Johnson Service company is at Milwaukee, Wis. The western headquarters being in Denver, under the management of R. B. Lindsay, with a branch house of the company in Salt Lake, in charge of Mr. C. Hatch, who was formerly with the company in Boston for seven years. Although established here less than a year, they have already installed machines in most of the large public buildings and fine residences in the city and in each and every case they are giving splendid satisfaction. The following are some of the buildings in

which they have been installed, viz: The Deseret News Annex building, the City and County building, the Keith building, and Elks club as well as Senator Thos. Kearns' residence, Mr. J. B. Cosgriff's residence, Mr. Samuel Newhouse's residence and the residence of Mr. M. H. Walker; also Park City high school, and are now figuring on the new L. D. S. hospital, which will be of great advantage in the heating of this institution. At his office in the Commercial club building Mr. Hatch will furnish all enquirers with a pamphlet which will explain in detail the uses and the benefits of the Johnson system of temperature regulation which is certainly the best thing of the kind ever introduced.

McCORMICK OFFICE BUILDING.

Two leading ideas prevailed in the minds of the owners when projecting the plans of the handsome McCormick building, which adorns one of the corners of First South and Main street, a model of stately comeliness. First to provide for business and professional people an elegant, first class modern office building, and second, an edifice that would be an ornament to the city and enduring monument to the enterprise of the men who laid its foundations in years before by untiring industry inspired by a zealous courage and unshaken faith in the ultimate greatness of the city. The building and its stately roads of recent years have proven that their faith was not in vain, while it has served their purpose according to every detail of their design. The building was erected in 1892, and notwithstanding the panic and long years of business depression which followed, it was a success from the beginning and has so continued. Mr. W. S. McCormick, one of our most successful business men and financiers, was its principal promoter, and is president of the company and principal owner. Mr. Geo. M. Bridwell is the enterprising agent of the building. The McCormick building is a solid fireproof stone structure, embracing seven stories high above the basement, making eight floors, the basement being used for various business purposes, the first floor occupied by elegant stores and the McCormick & Co. bank, while the entire building above is partitioned into bright, cheerful and thoroughly appointed offices, conspicuous for the number of large plate windows, which allow floods of sunlight and air from all sides and through and through. It contains 165 rooms, illuminated with gas and electric lights, and is provided with two Otis elevators. Its elegant offices are occupied by insurance companies, mining companies, mercantile companies, business agencies, financiers and gentlemen of the professions. It is most conveniently located for all classes of business people and the public in general, and it is a most desirable business location, and for this purpose it is equipped with every modern facility and convenience, a credit to the city and an honor to its builders.

For comfort, good service and low rates, patronize the Nickel Plate Road. Good road-bed, splendidly equipped trains and first-class dining-car service, meals being served on American Club Plan, ranging in price from 35c to \$1.00 also service a la carte. Three through trains daily, in each direction. Rates always the lowest. No excess fare on any train on that line. Depot, La Salle St. Station, corner Van Buren and La Salle Sts., on the Elevated Loop, District Passenger Agent's Office, 911 Seventeenth St., Denver, Colo.

SCIENTIFIC MISCELLANY

Among the instruments approved by the fire-lighting congress lately held in London is the electro-thermometer of Juan Villa Fornas of Genoa, Spain. This is a simple automatic alarm, and consists essentially of a mercury thermometer connected electrically with a bell and an indicating device. Platinum wires are

sealed into the thermometer tube at intervals of five degrees. The annunciator, which may be placed at any distance, is provided with a switch when the mercury rises to the point at which the switch is set—say, to 120 degrees—the platinum wire is brought into the electric circuit, causing the alarm bell to ring.

A new test for fractures depends upon the difference between bone and soft tissue in the power of conducting sound. A stethoscope is placed over the bone at one side of the supposed fracture and a tuning fork is vibrated as near the bone as possible on the other side. If there is a fracture the sound is very clearly transmitted through bone and stethoscope. When there is still doubt, the test can be made conclusive by comparing the sound with that from the same bone on the opposite side of the body.

Nitric acid from the air has been obtained by a Russian chemist—M. de Kowalevski—by the old sparking method of Cavendish. With a current of 5000 volts, having a frequency of 500 to 1000 oscillations per second, the best result from the air alone was about an ounce and a half of nitric acid per hour for each horse-power expended. Adding oxygen to the air materially increased the yield.

Measurements of gravity throughout Europe and Asia are expected to give a better idea of variations in weight and of the distribution of the bulk of the earth's crust.

The X-rays of M. Blondlot, the French physicist, are proving one of the most interesting of the new forms of radiation, inasmuch as they seem to take a step nearer to a solution of the problem of cold light. These rays penetrate black paper and many metals, can be reflected and refracted by quartz lenses, and have no photographic action, but can be detected by their power of increasing the luminosity of small electric sparks or of a colorless "blue" flame. They have been found in the emissions of incandescent lamps, but M. Blondlot's latest discovery is that these rays may increase the brightness of an incandescent substance without lighting it, and the lighting up when the rays fell upon a platinum wire at low redness gave no rise in temperature although the wire was glowing in heat would be necessary to give the same effect.

The novel observation has been made by M. Berthelot, the distinguished French chemist, that cannon and other explosive discharges appear to project dense and cohesive masses of gas in addition to the well known smoke rings. This gaseous smoke-burst, which is seen when the necessary resistance, some of the phenomena of the Mount Pelee eruption discharges appear to project dense and cohesive masses of gas in addition to the well known smoke rings. This gaseous smoke-burst, which is seen when the necessary resistance, some of the phenomena of the Mount Pelee eruption discharges appear to project dense and cohesive masses of gas in addition to the well known smoke rings.

The risk to firemen from throwing streams on live wires proves to be less than has been supposed. Experiments by F. Heinkele of Upper Silesia have shown that with an indirectly grounded polyphase circuit of 6,000 volts, and water made conductive by the addition of soda to counteract its hardness, the stream must be a meter long to ensure safety, but with ordinary continuous currents and the usual water supply the nozzle could be brought within three inches or less of the wire without harm.

A model mine is the novel piece of scientific apparatus with which a school of mines at Birmingham, Eng., is to be provided. This will be suitably located, and will be about 10 feet below the surface, extending over about three-quarters of an acre. The passages will be of brick arching. They will be lined, paved and constructed to resemble an actual mine, and the best methods of working coal and the best methods of timbering will be illustrated, with the various systems of underground haulage.

Lenses of resin, paraffin, glass and other dielectric materials have been used by Dr. Blockmann, a physicist of Kiel, Germany, in efforts to control the direction of Hertzian waves. He claims to have been fairly successful at moderate distances. This may signify much to navigators, as it offers vessels a means of determining by

wireless telegraphy the direction of a signaling station.

A specific for the mysterious malady known as mountain sickness is claimed by M. Passtoukhoff, a Russian topographer. In several years spent in the Caucasus he climbed such mountains as the Grand Ararat, Mount Kasbek and Mount Elbrus, and suffered much from mountain sickness. On one occasion he and his companions drank hot tea. Relief was almost instantaneous, and later the remedy has been invariably successful.

The curious fact has been noticed in Hungary that thunderstorms occur earlier in the day in mountainous districts than in lowlands. M. Hegyfok confirms the work of an earlier observer by showing that in mountains the thunderstorms reach their maximum between 11 a. m. and 2 p. m. while over the lowlands the period of maximum is from 2 to 5 p. m.

The voltaic arc has been found by two French physiologists to have greater power in destroying bacteria than other sources of light, including X-rays.

An investigation of paving stones has been undertaken in Ireland by Prof. Joly. He finds that resistance to wear varies directly with the amounts of quartz and felspar contained, the completely crystalline igneous granites, etc., being decidedly porphyritic, porous, or glassy are to be avoided. A certain coarseness of grain is usually desirable, as fine-grained rocks, like a certain Welsh dolomite, are liable to become slippery.

Ammonal, a new mixture of powdered aluminum and nitrate of ammonia, is claimed to be one of the safest of explosives. It is not liable to explosion by shock or friction, is not readily decomposed, and is even credited with the rather surprising property of being unaffected by moisture. It is fired with the usual percussion cap.

The Nickel Plate Road, with its eastern connections—the Delaware, Lackawanna & Western and West Shore and Boston & Maine Railroads—is considered by those who have patronized it as a most desirable line between Chicago and New York, Boston and other eastern points, and takes its place among the first-class lines leading eastbound from Chicago. It is operating three through first-class trains, all daily and equipped with modern improvements. For the convenience and comfort of the traveling public, and has succeeded, to a remarkable degree, in pleasing its patrons, growing in popularity every day. One of its attractive features, and thoroughly appreciated by the traveling public, is its dining-car service, meals being served on American Club Plan, ranging in price from 35c to \$1.00; also service a la carte. Colored porters are in charge to look after the comfort of passengers in coaches and especially to assist ladies traveling with children. No excess fare on any train on Nickel Plate Road. All passenger trains arrive at and depart from the La Salle St. Station, Chicago, the only passenger station in Chicago on the Elevated Loop. When going east, try the Nickel Plate Road. District Passenger Agent's Office, 911 Seventeenth St., Denver, Colo.

OSTEOPATHY.

Members of the Utah State Association:

A. P. Hibbs, 228 Deseret News Bldg., McDowell & Carpenter, 204-5-6 D. F. Walker Bldg.
Haven & Murry, 303 Auerbach Bldg.
W. S. Ramer, over Walker's Store.
Wilma F. Hoefling, 228 Deseret News Building.
J. J. Goodrich, Logan, Utah.
Hibbs & McCoy, Eccles Bldg., Ogden, Utah.

For want of a nail the shoe was lost;
for want of a shoe the horse was lost;
for want of a horse the rider was lost;
all for the want of a horse shoe nail.
—Franklin.

PUTNAM HORSE



NAILS

Are made by our newly patented process, by which the natural strength of our Swedes iron is greatly increased.

- Ⓢ nails are easy driving.
- Ⓢ nails are uniform.
- Ⓢ nails are properly proportioned
- Ⓢ nails will not crimp.
- Ⓢ nails will not break.
- Ⓢ nails will not sliver.
- Ⓢ nails will not cut off.
- Ⓢ nails will hold in the clinch.
- Ⓢ nails make work easier.

Highest test for tensile strength, elongation and elastic limit.

Manufactured by the

PUTNAM NAIL CO.,
NEPONSET, BOSTON, MASS., U.S.A.

Any kind of COAL you want?

WE HAVE IT.

Phone 808. Burton Coal & Lumber Co.
66 W. 2nd St.



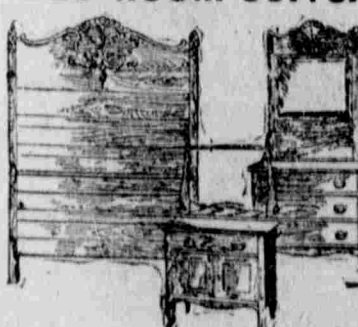
GRAND EXHIBITION

OF HOUSE FURNISHINGS.

DURING Fair and Conference week we will take special pains to show our visitors what advancement the world is making in the manufacturing of artistic furniture, carpets, draperies, etc. We lead in handling the very latest productions of the markets in everything used in furnishing and decorating the home. Among the many interesting things to be seen in this city during Fair week nothing will be more entertaining and instructive than a walk through our spacious floors, filled with examples of the best and most artistic workmanship in this line.

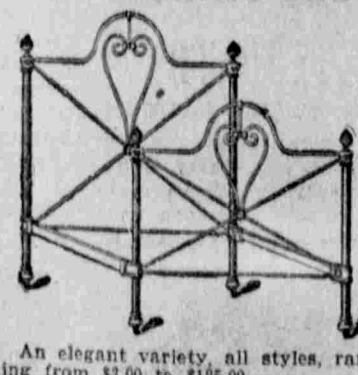
Don't Leave the City Without Giving Us a Call.

BED ROOM SUITS.



A very large assortment, ranging from \$21.50 to \$35.00.

IRON & BRASS BEDS.



An elegant variety, all styles, ranging from \$3.00 to \$125.00.

FANCY ROCKERS.

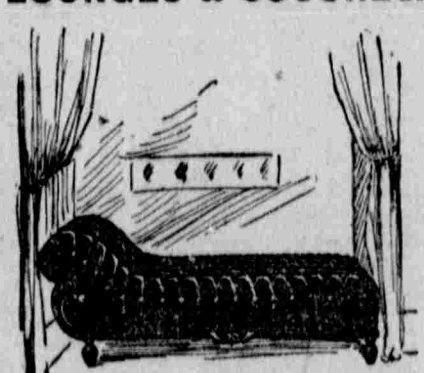


An endless variety of Rockers, in all grades and patterns.
A very nice Cobble Rocker, in oak, for \$2.50.

WALL PAPER.

We are ready to submit to your inspection the finest and largest stock of the very latest ideas in paper hangings, in leather and burlap effects. Beautiful wall decorations of all kinds.

LOUNGES & COUCHES.



An exceptionally fine line of well made and beautifully finished Lounges and Couches, covered in all styles of upholstery, from \$7.50 to \$7.57.



Pillows, and a beautiful assortment of drapery and ornaments for cosy corners.

CARPETS.



We take special pride in our carpet department. Nowhere in this state can be seen such a large and fine display.



A very beautiful line of Office Desks in all styles and finish. A very nice roll top Office Desk for \$22.50.

RUGS.

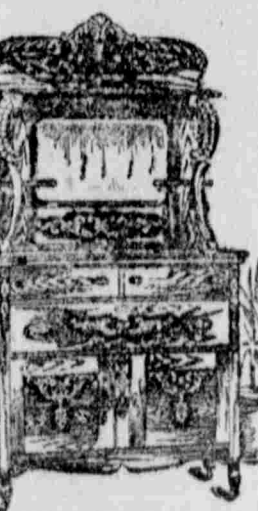


We have without question an unequaled stock of Oriental, Persian and Domestic Rugs. Our range in quality is wide. We have a nice Wool Rug, 9x12, for \$9.00, and then we can give you a \$400.00 Persian. One thing you can be sure of, that is, the price we charge you will be right and reasonable.

CURTAINS.

A handsome line of Lace Curtains, in all grades, as well as a very large stock of velvet and silk draperies.

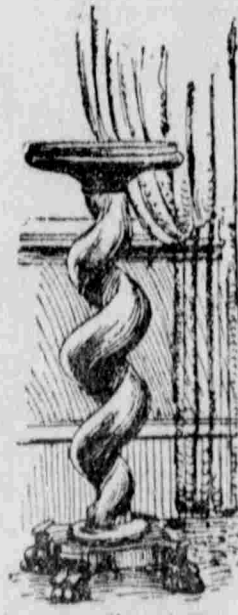
SIDEBOARDS.



In all grades and styles in weathered oak, golden oak, mahogany, etc. Good Oak Sideboards at \$17.50 up.

STOVES AND RANGES.

We carry a full line of these goods of the most reliable make. We call attention to our "Dinwoodey" Special Steel, 6 hole Range, with reservoir and high closet, price, \$35.00. Heaters in all styles.



An immense line of Fancy Tables, Stands, Library and Parlor Table Pedestals; also an elegant lot of Ladies' Dressing Tables, Desks, Music Cabinets, etc., in every conceivable design.
We are sole agents for the
Globe-Wernicke
Elastic Book Cases. Those who are building up a library should ask to see it.

H. DINWOODEY FURNITURE CO.