

FACTS ABOUT MARBLE.

How the Hugged Rock is Converted Into Polished Variegated Slabs.

Few people who stand before a finished monument or mantel, or even a soda-water fountain in a drug store, and admire the highly-polished variegated marble, says the New York Commercial Advertiser, realize the amount of time and labor that has been expended in the evolution of the completed structure from the raw materials.

Italian-white, vernal and clouded, with bluish gray; Etrurian-pure porcelain white, Sarracene-shaded cream white, veined with dark gray; Algerian and Mexican onyx-translucent white, veined with opaque white, yellow, or pink; Bardiglio-delicately veined gray-Sarracene-shaded pearl gray, dashed with carnelian red; Bianco-varieties yellow, clouded with white and veined with olive and brown; Tonnesse-chocolate, frosted with white; Geneva-green; Brocatello-richly mottled, yellow, purple, brown, white and red; Violet Brocatello-purple, mottled and veined with golden yellow; Alabaster-rosy; Grottoe of France-deep red, shaded with red and brown; Grottoe Fieure-purplish red, mottled with pearl white; Warwick-brilliant red, veined with white; Belgias-velvety black; African-yellow, with purple veins; Rouge Antique-deep red; Knoxville-grayish pink, with light blue veining.

The colored marbles retain their freshness longer and can be repolished after many years' use. The marble is extracted from the quarry in oblong blocks cut out by means of wedges. Except when designated for statuary or building purposes, the rough slabs are usually about four inches thick and are usually about twelve or thirteen feet in diameter. This wheel is fixed in a vertical shaft which revolves on two chilled steel friction balls, placed one upon the other, and inclosed in a cast-iron box which is kept well supplied with oil. The box itself is firmly imbedded in a stone foundation, and the entire structure is made as true and as steady as possible. It requires a great deal of care and attention to keep the rubbing-bed perfectly true; and it is sometimes necessary to rub it down for a whole week with bluestone in order to keep the surface smooth.

When the slab leaves the rubbing-bed it is comparatively smooth, and is ready to be cut out by hand into its final shape. It then passes into the hands of the polishers, who are provided with rubbers made of ordinary ticking rolled up into a mop of about three or four inches in diameter and sewed firmly through and through. With these they rub the surface of the slab back and forth, hour after hour, until they bring out the high polish so much admired. The marble is first rubbed with grit, then with pumice-stone, and then with hone. On some white marbles oxalic acid is then used, and finally the finishing touches are given with putty of zinc. On colored marbles emery and French putty, prepared with sulphur and lead, are used. It is estimated that each square foot of surface polished costs one man four hours of steady work.

In grinding, four or five gold leaves are blown into a cushion made of a board covered with charcoal. The glider cuts it into strips a quarter of an inch wide, lays it on the marble with his "tip," then "cottons" it on, after which he rubs it down with a fine hair brush in order to smooth the laps and form an even and continuous surface. He then cleans off the edges with cuttle fish. Great dexterity is acquired by gliders, and they seem to handle with the greatest ease the delicate gold leaf which the slightest breath of air is sufficient to carry off, which in inexperienced hands is utterly unmanageable.

The variegated, dark-colored marbles are more expensive, but they are also generally harder and more durable, as well as more beautiful, than those that are white or light colored. The common white marble, which is not so valuable from an ornamental point of view, has a separate value as being the best basis for the production of carbonate acid gas for the manufacture of soda water, and all other carbonated beverages, and a large trade is done in it for this purpose. It has succeeded whitening and bicarbonate of soda in this respect on account of its cheapness. A barrel of good marble-dust, weighing about 400 pounds, costs \$1.25. An equal quantity of whitening costs about \$3.50, and produces no more gas. A like weight of bicarbonate of soda produces a double amount of gas, but costs about \$7.

As far as chemical composition is concerned marble and whitening are analogous—both are carbonates of lime, and when treated with pure hydrochloric acid, when carbonic acid is evolved, the same amount of carbonic acid is evolved. Whitening, however, is rarely, if ever, as pure as marble. It consists chiefly of the remains of extremely small animals.

Fire-Proof Building Material. The Real Estate Record says that fire rains show that porous terra cotta bricks and blocks best resist fire, water and frost. Next to these in the order of fire-resisting qualities come concrete and burned clay tiles. In the best work done, the iron work is incased in porous terra cotta, tile or brick work in roof, floor, and tile construction. The hollow tiles are faced with vitreous tile, slate or any good weather-proof coating, or with a single thickness of brick. Iron and steel framework, incased in fire-proof materials, gives the best possible results. There is a growing preference for light porous walls of hollow material protecting an iron or wooden framework. Massive and heavy walls of brick or stone will do for architecture, but they are not as much of a mechanical necessity as they were regarded a few years ago.

Death-Giving Oxygen. It is a curious fact, discovered by Dr. B. Richardson, that pure oxygen becomes devitalized by repeated inhalations. Animals confined in a current of freshly-made, but pure oxygen were differently affected, but never became asphyxiated, but when the oxygen, once inhaled, was freed from all known impurities and again supplied, the animals invariably became drowsy, fell asleep, and, under successive inhalations of the purified gas, expired. It was evident that, in breathing, the oxygen had undergone some change unknown to the chemist. What the change is can only be conjectured, though Dr. Richardson has found that if the exhausted oxygen be electrically charged it is revitalized, and will again support life.

ELLIS & WHITNEY, Proprietors of the Favorite Livery and Feed Barns. Good rigs always on hand and furnished on short notice. Private boarding of horses and stock a specialty. Office and barns at the corner of Trade and Commercial streets.

\$500 Reward FOR AN UNRECOVERABLE CASE. Le Richan's Golden Balsam. Cures Chancres, Ulcers, and second stage Syphilis on the Legs and Body; Sore Glands, Eyes, Nose, etc., Copper-colored Blisters, Herpes, Eruptions, Itching, and all other eruptions of the skin, known as Syphilis. Price, \$5.00 per Bottle.

Le Richan's Golden Balsam No. 1. Cures Chancres, Ulcers, and second stage Syphilis on the Legs and Body; Sore Glands, Eyes, Nose, etc., Copper-colored Blisters, Herpes, Eruptions, Itching, and all other eruptions of the skin, known as Syphilis. Price, \$5.00 per Bottle.

Le Richan's Golden Balsam No. 2. Cures Tertiary, Mercurial Syphilis Rheumatism, Pains in the Bones, Pains in the Head, back of the Neck, Ulcerated Sores, Thrush, Syphilis of the Lungs, and contracted Corns, Stiffness of the Limbs, and all other diseases of the system, whether caused by induration or abuse of Mercury, leaving the blood pure and healthy. Price \$5.00 per Bottle.

C. F. RICHARDSON & CO., Agents, 427 & 429 Commercial Street, Corner City, San Francisco, Cal. CIRCULAR MAILED FREE.

Capital City Restaurant. Jas. Batchelor, Prop'r. Warm Meals at All Hours of the Day.

Small Farms for Sale. A number of ten-acre tracts of desirable and within one and a half miles of Salem, at prices ranging from \$50 to \$100 per acre. Apply to WILLIS & CHAMBERLIN, 628-1/2m Opera House Block.

NEW LIVERY STABLE. Gaines Fisher, Proprietor. Corner Ferry and Liberty streets, N. E. cor from Chemekete hotel, Salem, Or.

OREGONIAN RAILWAY CO. (Limited Line.) CHAS. N SCOTT, Receiver. On and after June 25 1889 and until further notice trains will run daily (except Sunday) as follows: EAST SIDE.

Table with columns: Station, Time, Direction. Includes stations like Portland, Woodburn, McMek, Mt. Angel, Down's, Silverton, Johnston's Mill, Switzerland, East Side Junction, Macleay, Aie, O P Crossing, West Side, Crabtree, Spicet, Tallman, Plainview, Brownsville, Rowland, Coburg, and AR.

A = Grand = Clearance = Sale --AT--

LUNN & BROWN'S, Beginning on the 6th of December, 1889, and Ending January 1, 1890!

For cash only. All goods without reserve at actual cost until January 1st 1890, in order to reduce stock before invoicing, and to prepare ourselves for Spring trade. These are facts. All goods will be sold at cost. We have Carpets, Curtains, Oil Cloths, Rugs, Dress Goods, Trimmings, Silks, Satins, Plushes, Velvets, Ribbons and Laces, Lace Cloaks, Handkerchiefs, Lace Ware and Embroidery, Fans and Busches, Gloves and Hosiery, Buttons and Corsets, Muslins and Underwear, Knitted Underwear, Rubber Gossamers, Umbrellas and all lines belonging to Staple and Fancy Dry Goods.

CLOAKS AND FURS, CARPETS AND RUGS, AND A LARGE STOCK OF MEN'S FURNISHING GOODS. Space will not allow us to mention all goods. Come early and late. Goods once bought not taken back or exchanged.

LUNN & BROWN.

Meeks & Minton. Have received and answered over One Thousand Letters of Inquiry RELATIVE TO OREGON SINCE JUNE 17, '89. No charges, no commission, unless we sell your property.

First National Bank. SALEM, OREGON. WM. N. LADY, President. DR. J. REYNOLDS, Vice President. JOHN MOIR, Cashier.

GENERAL BANKING. Exchange on Portland, San Francisco, New York, London and Hong Kong bought and sold. State, County and City warrants bought. Farmers are cordially invited to deposit with us their business notes, wheat, hops and other property at reasonable rates. Insurance on such security can be obtained at the bank in most reliable companies.

The Capital National Bank. SALEM --- OREGON. Capital Paid up, \$75,000. Surplus, 10,000.

LOANS MADE. To farmers on wheat and other marketable crops, or on consignments, or in store, either in private granaries or public warehouses. State and County Warrants Bought at Par. COMMERCIAL PAPER. Discounted at reasonable rates. Drafts drawn direct on New York, Chicago, San Francisco, Portland, London, Paris, Berlin, Hong Kong and Calcutta.

Northern Pacific Railroad. GREAT OVERLAND ROUTE. TWO FAST TRAINS DAILY! NO CHANGE OF CARS. SHORTEST LINE TO CHICAGO. And all points East via ST. PAUL and MINNEAPOLIS.

NOTICE. NOTICE is hereby given that the expense assessment of two hundred dollars each for the month of December, 1889, against the incorporation of the Gold Mountain and Dry Gulch Consolidated Gold and Silver Mining Company, is past due and unpaid on the following shares: No. 15, 100 shares; No. 16, 100 shares; No. 17, 100 shares; No. 18, 100 shares; No. 19, 100 shares; No. 20, 100 shares; No. 21, 100 shares; No. 22, 100 shares; No. 23, 100 shares; No. 24, 100 shares; No. 25, 100 shares; No. 26, 100 shares; No. 27, 100 shares; No. 28, 100 shares; No. 29, 100 shares; No. 30, 100 shares; No. 31, 100 shares; No. 32, 100 shares; No. 33, 100 shares; No. 34, 100 shares; No. 35, 100 shares; No. 36, 100 shares; No. 37, 100 shares; No. 38, 100 shares; No. 39, 100 shares; No. 40, 100 shares; No. 41, 100 shares; No. 42, 100 shares; No. 43, 100 shares; No. 44, 100 shares; No. 45, 100 shares; No. 46, 100 shares; No. 47, 100 shares; No. 48, 100 shares; No. 49, 100 shares; No. 50, 100 shares; No. 51, 100 shares; No. 52, 100 shares; No. 53, 100 shares; No. 54, 100 shares; No. 55, 100 shares; No. 56, 100 shares; No. 57, 100 shares; No. 58, 100 shares; No. 59, 100 shares; No. 60, 100 shares; No. 61, 100 shares; No. 62, 100 shares; No. 63, 100 shares; No. 64, 100 shares; No. 65, 100 shares; No. 66, 100 shares; No. 67, 100 shares; No. 68, 100 shares; No. 69, 100 shares; No. 70, 100 shares; No. 71, 100 shares; No. 72, 100 shares; No. 73, 100 shares; No. 74, 100 shares; No. 75, 100 shares; No. 76, 100 shares; No. 77, 100 shares; No. 78, 100 shares; No. 79, 100 shares; No. 80, 100 shares; No. 81, 100 shares; No. 82, 100 shares; No. 83, 100 shares; No. 84, 100 shares; No. 85, 100 shares; No. 86, 100 shares; No. 87, 100 shares; No. 88, 100 shares; No. 89, 100 shares; No. 90, 100 shares; No. 91, 100 shares; No. 92, 100 shares; No. 93, 100 shares; No. 94, 100 shares; No. 95, 100 shares; No. 96, 100 shares; No. 97, 100 shares; No. 98, 100 shares; No. 99, 100 shares; No. 100, 100 shares.

FOR MEN ONLY! POSITIVE CURE. For General and Nervous Debility; Weakness of Body & Mind; Loss of Power or Excitement in Old People; Early Loss of Hair, Baldness, etc.; Impure Blood; Skin Diseases; Rheumatism; Gout; Gravel; Dropsy; Hemorrhoids; Piles; Constipation; Indigestion; Headache; Neuralgia; Sciatica; Paralysis; Epilepsy; Fits; St. Vitus's Dance; Trichinosis; Syphilis; Gonorrhea; Stricture; Catarrh of the Bladder; Catarrh of the Prostate; Catarrh of the Uterus; Catarrh of the Vagina; Catarrh of the Cervix; Catarrh of the Endometrium; Catarrh of the Fallopian Tubes; Catarrh of the Ovaries; Catarrh of the Vagina; Catarrh of the Cervix; Catarrh of the Endometrium; Catarrh of the Fallopian Tubes; Catarrh of the Ovaries.

City Tax Notice. The Salem city taxes are now due and payable at my office with Williams & England. Taxpayers will please govern themselves accordingly. E. J. SWOFFORD, City Tax Collector.

GEORGE WILKINS' NEW BUTCHER SHOP. On Liberty street, across the bridge in North Salem. All kinds of meats kept on hand.

For the Public Good. It is an indisputable fact that the handsomest vestibule trains that are now run on the American continent are those on the Burlington route, leaving from Union Depot in Denver about 10 o'clock, immediately on arrival of all through trains from the west. The first and second class coaches are magnificent, the reclining chair cars suburb, the Pullman sleepers extremely luxuriant, and as for the meals that are served in those palace Burlington dining cars—yum yum. The next time you go east to Kansas City, Chicago or St. Louis, if you mention to the ticket agent that you want your ticket to read how to Denver or St. Paul over the Burlington route, you will get it, and you will always be glad of it.

DR. JORDAN & Co.'s MUSEUM OF ANATOMY. 761 Market St. San Francisco. Go and learn how to cure colds, coughs, croup, whooping cough, and all diseases of the throat, chest and lungs. Send for a book. Private office 211 Geary street. Consultation free.

\$75 to \$250 a MONTH can be made preferred who can furnish a horse and give their whole time to the business. Spare moments may be profitably employed. A few vacancies in towns and cities. B. F. Johnson & Co., 1009 Main St., Richmond, Va. B.—Please state age and business experience. Never mind about sending stamp for reply. B. F. J. & Co. 4-6m-11

A. E. STRANG, No. 308 Commercial Street, SALEM, --- OREGON. DEALER IN STOVES and RANGES. Plumbing, Gas and Steam Fitting. Tinware and Artistic Metal Work a Specialty.

John A. Carson, COUNSELOR, ATTORNEY-AT-LAW AND NOTARY PUBLIC. Member of the Bar of Ontario, Canada. Office, 96 State Street, Salem, Oregon.

ATTENTION FARMERS! Single lots and acres. One half mile West of Salem P. O. Good soil, all clear and in fruit condition. All ready for planting fruit and shrubbery at once. Each piece fronts on a nice street, and no city tax.

THOMAS & PAYNE, 98 STATE ST. SALEM. REFERENCES AT TORONTO: Hon. Sir Thomas Galt, Chief Justice of Common Pleas; Hon. James McLenan, Judge of the Court of Appeals; Hon. W. P. R. Street, Judge of the Queen's Bench. Money to loan.

INSURANCE COMPANY. NEW ZEALAND. Fire and Marine. JON. ALBERT, Agent, - - Salem, Oregon.

School Tax Notice. The school taxes of District No. 24, in Marion county, are now due and payable at the clerk's office, No. 104 Court street, in Opera House block, Salem. The same will be deemed delinquent unless paid within sixty days from date.

WANTED. WANTED.—To rent a dwelling house with six or seven rooms. Inquire at my office, Capitol building. FRANK C. BAKER.

LOST. LOST—A large black Gordon setter dog with leather collar on, a tick in the tip of the right ear, scar on the left side of the back of the head. A liberal reward is offered for the return of said dog to L. F. Conn, Salem, Oregon.

FOR RENT. GOOD BOARD with nicely furnished rooms in a fine locality, convenient to street cars, may be had at reasonable rates by calling at 367 Winter street.

FOR SALE OR LEASE. FOR SALE OR LEASE.—Who wants to purchase or lease a saw mill? Address W. H. B., this office.

SOCIETY NOTICES. KNIGHTS OF PYTHIAS.—Regular meeting on Tuesday night of each week at 7:30 p. m. L. R. STINSON, C. C. W. H. H. WATERS, K. of R. and S.

FOR SALE OR LEASE. G. A. R.—Sedgewick Post, No. 10, Department of Oregon, meets every Monday evening at the hall over the Oregon Land company's office. Visiting comrades are cordially invited to attend.

PROFESSIONAL CARDS. L. S. SKIFF, MAKE S. SKIFF, DENTIST. L. extraction of teeth with new process. Also gold crowns made and set. Brick dental office near opera house, Salem, Or.

PHYSICIAN.—MRS. DR. M. E. MCCOY, physician and surgeon, has located and taken rooms over Squire Farrar's grocery store, Chronic diseases a specialty. Consultation free. 12-1/2w

W. P. WILLIAMS, STENOGRAPHER. W. and Typewriter Copyist. Will make reports of trials, etc., copying on typewriter accurately and neatly done. Office over A. T. Yeaton's furniture store, Commercial street, Salem.

CHARLES C. CURTIS, M. D., Surgeon and Homoeopathic Physician. Office and residence, New Bank Block, 307 Commercial street, Salem, Or. Office hours 9 a. m. and from 2 to 3 and 7 to 8 p. m. Diseases of the rectum and chronic diseases a specialty. Fifteen years experience. dw

ANDREW H. DIVEN, PHYSICIAN AND SURGEON. Office hours: 9 to 11 a. m., 3 to 6 and 7 to 8 p. m. Office: Court street, next door east of Dr. Rowland, Residence, 301 Chemeketa st.

J. C. SMITH, M. D., PHYSICIAN AND SURGEON. Office with Dr. J. N. Smith, Griswold block, Salem, Oregon.

W. H. H. WATERS & CO., LAWYERS. Rooms 1 and 2 Frier's Block, N. E. cor. State and Commercial streets, Salem Oregon.

WILLAMETTE UNIVERSITY. Graduates Students in Classical, Literary, Scientific, Reception Saloon.

Normal, Business, Law, MEDICAL COURSES. It is the oldest, largest and least expensive institution of learning in the Northwest. School opens first Monday in September. Send for catalogue to THOS. VAN SCOY, President, Salem, Oregon.

School Tax Notice. The school taxes of District No. 24, in Marion county, are now due and payable at the clerk's office, No. 104 Court street, in Opera House block, Salem. The same will be deemed delinquent unless paid within sixty days from date.

FOR RENT. GOOD BOARD with nicely furnished rooms in a fine locality, convenient to street cars, may be had at reasonable rates by calling at 367 Winter street.

FOR RENT. GOOD BOARD with nicely furnished rooms in a fine locality, convenient to street cars, may be had at reasonable rates by calling at 367 Winter street.

A New Dressmaker. MRS. F. A. CRUMP, A New York Modiste, who has had fifteen years' experience in

Cutting and Fitting. Would be pleased to see the ladies of Salem at her rooms, No. 404 Summer street, corner of Marion.

Just Received. At Charles Calvert's Millinery Bazaar one of the finest lines of Millinery goods ever brought to Salem. All goods are of the latest design and have been brought direct from the Millinery Emporiums of San Francisco.

Established 1868! The Oldest and Staunchest Between Sacramento and Portland. LADD & BUSH, Bankers, Iron Building, Salem, Oregon.

DEAR GIRLS: Take no Tuffy from any young man, but if they offer you a nice Box of Hellenbrand's Square Chocolate Creams, made only by his Patent Process, take them, and tell them to come again, for they are superior to any made in the United States.

Miss Leona Willis, TEACHER OF MUSIC. Lessons given in voice culture and Italian singing, piano and organ. Special attention given to beginners. Can be seen at the Conservatory, or at the residence, corner of Center and Capitol streets. 10-10m

J. H. HAAS, Watchmaker and Jeweler, COMMERCIAL STREET. First-class work guaranteed. Give him a call and you will not regret it. 7-31m

Billiard and Pool Rooms. THE ONLY FIRST-CLASS CIGAR STORE IN THE CITY. Imported and Domestic CIGARS and TOBACCO! 243 Commercial Street. Reception Saloon.

EUGENE ECKERLIN, PROP. The best of Wines, Liquors and Cigars, Salem and Export Beer, good Lunch Counter in connection, where you will be served with HOT OR COLD LUNCHES, Sandwiches, Wienerwurst, and in fact everything in the best style, and the best of attention will be shown to customers.

MRS. M. E. WILSON, Milliner and Dressmaker. Invites the ladies of Salem and vicinity to call and inspect her select stock of Fall Millinery that has just arrived. She will pay particular attention also to the latest styles of dressmaking.

RECEPTION SALOON. 260 Commercial Street. EUGENE ECKERLIN, PROP.

THE YAQUINA ROUTE. OREGON PACIFIC RAILROAD. And Oregon Development company's steamship line. 235 miles shorter, 20 hours less time than by any other route. First class through passenger and freight line from Portland and all points in the Willamette valley to and from San Francisco.

TIME SCHEDULE. (Except Sundays): Leave Albany 1:00 P M, Leave Corvallis 1:40 P M, Arrive Yaquina 5:30 P M, Leave Yaquina 6:45 A M, Leave Corvallis 10:35 A M, Arrive Albany 11:10 A M. O. & C. trains connect at Albany and Corvallis.

STEAMERS. FROM YAQUINA: Willamette Valley Monday Sept. 1, Willamette Valley Tuesday " 2, Willamette Valley Wednesday " 3. STEAMERS. FROM SAN FRANCISCO: Willamette Valley Wednesday, Sept. 4, Willamette Valley Friday " 13, Willamette Valley Saturday " 21, Willamette Valley Sunday " 29.

The above trains connect at YAQUINA with the Oregon Development Co's Line of Steamships between Yaquina and San Francisco. SAILING DATES. STEAMERS. FROM YAQUINA: Willamette Valley Monday Sept. 1, Willamette Valley Tuesday " 2, Willamette Valley Wednesday " 3.

Overland to California. VIA Southern Pacific Company's Line. THE MOUNT SHASTA ROUTE. Time Between Salem and San Francisco Thirty-six Hours.

CALIFORNIA EXPRESS TRAIN—RUN DAILY BETWEEN PORTLAND AND S. F. South: 4:00 p. m. Lv. Portland Ar. 10:45 a. m. 6:44 p. m. Lv. Salem Ar. 7:58 a. m. 7:45 a. m. Ar. San Fran. Lv. 7:30 p. m. LOCAL PASSENGER TRAIN—(DAILY EXCEPT SUNDAY): 8:00 a. m. Lv. Portland Ar. 8:45 p. m. 11:10 a. m. Lv. Salem Ar. 12:30 p. m. 8:40 p. m. Ar. Eugene Lv. 1:50 a. m.

PULLMAN BUFFET SLEEPERS. TOURIST SLEEPING CARS. For accommodation of second class passengers attached to express trains. The S. P. company's ferry makes connection with all the regular trains on the East Side Division from foot of F street Portland.

WEST SIDE DIVISION, BETWEEN PORTLAND AND CORVALLIS. DAILY—(EXCEPT SUNDAY): 7:30 a. m. Lv. Portland Ar. 6:30 p. m. 12:25 p. m. Ar. Corvallis Lv. 1:30 p. m. AT ALBANY and CORVALLIS connect with trains of Oregon Pacific Railroad. Through tickets to all points south and east via California.

EXPRESS TRAIN—(DAILY EXCEPT SUNDAY): 4:30 p. m. Lv. Portland Ar. 9:00 a. m. 8:00 p. m. Ar. McMinnville Lv. 6:45 a. m.

Through Tickets. To all points SOUTH and EAST. VIA CALIFORNIA. For full information regarding rates, maps, etc., apply to the Company's agent at Salem, Oregon. E. F. ROEHLER, Asst. G. F. and Pass. Ag't. R. ROEHLER, Manager.

Union Pacific R. R. Company. "OVERLAND ROUTE." Trains for the east leave Portland at 7:03 a. m. and 8:00 p. m. daily. The ets to and from principal points in the United States, Canada and Europe.

Elegant New Dining Cars. PULLMAN PALACE SLEEPERS. Free Family Sleeping Cars run through on Express trains to Omaha, Council Bluffs and Kansas City without charge. Connections at Portland for San Francisco and Puget Sound points.

For further particulars address any agent of the company, or I. W. LEE, G. P. A. C. S. MELLEEN, General Traffic Manager.

MARVELOUS MEMORY DISCOVERY. Only Genuine System of Memory Training! Four Books Learned in one reading. Mind wandering cured. Every child and adult greatly benefited. Great inducements to correspondence.

Prospectus, with opinions of Dr. Wm. A. Hammond, the world-famed specialist in Mind Diseases, Daniel Greenleaf Thompson, the great Psychologist, J. M. Buckley, D. D., editor of the Christian Advocate, N. Y., Richard Proctor, the scientist, Hon. W. W. Astor, Judah P. Benjamin, and others, sent post free by Prof. A. LOBETTE, 337 Fifth Ave., N. Y. 25-100, dw