

Dynamite.

There are several grades of dynamite, the quality depending upon the absorbent used for absorbing the nitro glycerine. Nitro glycerine consists of the common oil of glycerine, nitric and sulphuric acid, mixed under certain conditions, and is a most dangerous compound, the transportation or handling of it being attended with the greatest danger. This quality prevents its use to much extent, as it must be made near the place at which it is used. For the purpose of making it available for blasting purposes, dynamite was invented. It consists of nitro glycerine mixed with some absorbent. Inferior earth, brought from Germany, is considered the best material for this purpose; wood pulp, charcoal sulphur and paper pulp being used for the cheaper and less powerful grades. For commercial purposes it is packed in cartridges of various sizes, from one to two inches in diameter and about eight inches long. A ten pound package is about as large as the Boston Directory. It is commonly supposed that dynamite is exploded by concussion; but fifty pounds of the explosive may be thrown from the top of a high building with no more effect than would result from throwing down a box of sand. Neither is it exploded by fire. It is easily ignited, and in burning gives a most intense heat; but it cannot be made to explode in this way. It is said that the only way in which it can be exploded is by means of fire and concussion at the same instant. For this purpose a strong copper percussion cap containing fulminate of mercury is used. Without the cap the cartridge is harmless, and the cap is not inserted until just before the cartridge is to be used. The best dynamite is made about twelve times as powerful as gun powder, and is very effective for blasting purposes. It freezes at about 45 degrees and it is almost impossible to explode in a frozen condition. It may be used under water. The paper shell of the cartridge has a covering of paraffine, which is not easily penetrated by water, but even if the dynamite is wet its explosive properties are not destroyed, though if it remains in the water for a long time the glycerine is washed out and the destructive value of the compound lost. There is a marked difference in the explosion of gun powder and dynamite; the former, if placed on the floor of a building and exploded, might blow out the windows without seriously injuring the structure; but dynamite exerts a powerful force downward, and for this reason is used by the so-called "dynamiters," as they can hardly place it anywhere in a building, without confining it, as would be necessary with gun powder. There is a certain amount of comfort in the reflection that although nitro glycerine and the like are such terrible explosives, yet the devastation supposed to be possible from even a very moderate quantity is an error. Thus it would be physically out of the question for conspirators to utterly destroy any large building. For example, in Saturday's performance in London, a great litter was produced in the immediate vicinity of the explosives, but, as the Pall Mall Gazette remarks, the substantial damage was equally not great. Says the paper, "everything may be put to right within a week's time." The power of these explosives lies in the intense rapidity of action. The detonation of nitro glycerine proceeds at the rate of about 21,000 feet per second, or over 200 miles a minute. Hence the effect is almost entirely local. Everything in the vicinity is shattered, pulverized and completely demolished, but it is a local effect, essentially. Thus it will be impossible for the dynamiters to do much greater damage on any occasion than that accomplished on Saturday, from the fact that they could not bring to the spot a charge large enough for the purpose without being observed and their design detected. By the latest press dispatches from the eastern and middle states we see that they are having unusually cold weather with many severe storms in different localities, the most disastrous in the bordering on the lake shores. Railroad trains have been generally interrupted and business generally depressed by the severity of the storms. In Southern Oregon we have had no snow of any consequence, and no severely cold weather this winter. During the last week we have had alternate days of sunshine and showers, with the most pleasant temperature. Miners have plenty of water, and farmers fine weather for their work, and altogether we believe we have the finest climate on the continent.

U. S. Senator.

Yesterday at noon the Legislature met in joint convention for the last time to ballot for U. S. Senator. Voting was continued from noon until about half past eleven o'clock at night when the joint convention adjourned. The two bodies then went to their respective places of meeting to adjourn the legislature according to law when the motion declaring the legislature adjourned sine die was reconsidered in both the Senate and House. The regular forty days session ended at that time and no pay can be granted legislators for their services after its expiration, but any acts enacted thereafter are just as legal as any others providing there is a quorum present when passed. Thirty-five ballots were taken yesterday between noon and the time of adjournment. Sol. Hirsch came within one vote of an election at one time but that much desired vote never came around and he only received thirty seven on the last ballot taken last night. At noon to day fifty-three Republican members of the legislature met in joint convention but had no ballot and adjourned till four o'clock this afternoon. All the Democratic members of the two houses have either left the city or made the attempt to do so but several were caught by the Sergeant-at-Arms, enough to make a quorum, and the session will no doubt be carried on till a Senator is elected. After going through a whole session without an election we think it would not be more than fair to declare all members free from former pledges and they should now centre on and elect the people's choice—John H. Mitchell. Should the legislature fail to elect it is the opinion of many that the seat would be vacant for two years—claiming that the Governor has no right to appoint in a case of this kind—and the interests of the party will no doubt suffer should this be the result, considering the large Republican majority. We look for better results but cannot tell in this issue.

An unusually powerful array of legal talent was present in the United States court room yesterday to argue the motion in the case of Lawrence Harrison et al. vs. the O. & C. R. Co., for the discharge of the receiver appointed by Judge Deady a short time since. Judge Kelly and Hon. R. Williams appeared for the defendant. Colonel Effinger represented the great Oregon and Transcontinental Company, W. B. Gilbert appeared for the Farmers Loan and Trust Company, and J. W. Whalley for Lawrence Harrison et al., the holders of the first mortgage bonds of the O. & C. R. R. There was a great deal of powerful argument and every speaker seemed to be clearly in the right. The next one will be the case of the next one. Judging from the present aspect of its affairs, things are coming to a crisis with the O. & C. R. Co. The holders of the \$9,000,000 of first mortgage bonds have never received interest on their investment. The holders of the \$2,000,000 in second mortgage bonds seem likely to get "soup" as it seems certain that the road must be sold and be bid in by the holders of the first mortgage bonds, and where the \$2,000,000 second mortgage bonds or the \$446,000 claimed by the Oregon and Transcontinental company is to come from, is not perceptible even with the aid of a glass.—"Oregonian," Friday 14th.

Mr. J. H. Stine, formerly editor of the "West Side," which flourished for some time at Independence, Oregon, is in Portland. He left Friday for Grant's Pass, the future county seat of Josephine county, where he proposes to establish himself with a weekly newspaper devoted to the interests of that section of the state. A bill has just been passed by the legislature which fixes the boundary line between Josephine and Jackson counties, by taking four townships—about sixteen miles of the best part of the Rogue river valley—from the latter, and adding to the former. A second bill provides that the inhabitants of the entire county of Josephine thus created, shall have the right to vote at the next June election for the county seat. There is little doubt but that Grant's Pass will receive a majority of the votes. Mr. Stine will be the pioneer publisher of Josephine county, as it has as yet never had a newspaper within its boundaries. He says he has received substantial encouragement from the people of that section, and believes his new venture will accrue to his own profit, as well as to that of the country he will represent.

Senator Prim's bill prescribing the manner of receipting for taxes provides that the Sheriff shall settle with the Treasurer once a month; and that when any taxes are paid in to the Sheriff he shall receipt for the kind of money paid in. If so much be paid in coin or currency it is receipted for as cash and whatever is paid in warrants is receipted for as warrants. The Sheriff must have for this purpose a duplicate receipt book—the stub being the exact duplicate of the receipt given the taxpayer. The law compels him to produce his stub receipt book to the Treasurer upon each settlement and the Treasurer is not allowed to settle with him only in accordance with those stubs. The Treasurer upon each settlement must receipt to the Sheriff in accordance with his stub exhibits and file a duplicate with the County Clerk, and upon the final settlement at the end of each year the Sheriff must file the whole of his receipts with the County Clerk. The foregoing are the main features of the bill and we are pleased to know that it will put a stop to a good deal of crookedness that is believed to exist at this time.

TO OFFSET The Dull Times NEWMAN FISHER

Has marked his goods down to Hard Times Prices. He will sell you MORE GOODS for LESS MONEY than ever before sold in Jacksonville. His stock is

AS GOOD AS THE BEST, And his prices will ASTONISH YOU! It is needless to enumerate the articles he has to sell, as he keeps everything that is found in a first-class

General Merchandise Store! When in town give him a call and he will show you goods at prices that will

KNOCK THE HARD TIMES Idea clean out your head.

His stock is varied and complete, and you can hardly ask for anything he has not got. Remember the place—corner of California and Oregon streets.

Highest Market Price PAID FOR FARM PRODUCE! Call and see if this advertisement is not as true as gospel. NEWMAN FISHER.

R. N. BAKER, Merchant Tailor, Jacksonville, - - Oregon.

The subscriber takes pleasure in informing the public that he has opened a Tailorshop.

IN THE OLD RED FRONT Building, and that he is now prepared to do all kinds of work in his line in a superior manner and at prices to suit the times.

Administrator's Sale. In the County Court of the State of Oregon, for the county of Jackson, sitting for the transaction of probate business at the January term.

IN PURSUANCE OF AN ORDER and license of the said County Court, issued January 5, 1885, the undersigned, administrator of the estate of Melinda C. Cox, deceased, will sell at public auction to the highest bidder, at the Court House door in Jacksonville, on

—(2071)—

MAIL LETTINGS

Notice To Contractors. POST OFFICE DEPARTMENT, WASHINGTON, D. C. Feb 19, 1885. Proposals will be received at the contract office of this department until 4 p. m. of April 11, 1885, for carrying the mails of the United States upon the routes, and according to the schedule of arrival and departure specified by the department, in the State of Oregon from July 1, 1885 to June 30, 1886.

Executor's Notice. In the matter of the estate Sarah C. Simpson, deceased.

NOTICE IS HEREBY GIVEN THAT the undersigned has been appointed by the county court of Jackson County Oregon, sitting in Probate, Executor of the estate of Sarah C. Simpson, deceased.

J. NUNAN, Executor of said estate. Dated Jan. 9, 1885.

Notice.

LAND OFFICE, ROSEBURG, OR. Notice is hereby given that the following named settler has filed notice of her intention to make final proof of her claim, and that said proof will be made before the Judge or Clerk of Jackson county, at Jacksonville, Oregon, on Saturday, March 21, 1885, viz: Sarah Hopkins; Homestead No. 3385 for the E 1/2 of N W 1/4 and S 1/2 of N E 1/4 Sec. 5, T 38 S R 3 West. She names the following witnesses to prove her continuous residence upon, and cultivation of said land, viz: John Atterberry, John McKee, O. Weaver, Wm. Pence all of Jacksonville, Oregon. Wm. F. BENJAMIN, Register.

For Marshal. The undersigned hereby announces himself a candidate for re-election to the office of City Marshal at the city election to be held on the 3rd of March, 1885, subject to the decision of the voters of Jacksonville. D. L. CURTIS.

YOU CAN FIND THEM -AT- E. C. BROOKS' New Drug Store, Jacksonville, Or.

A fine assortment of 8-day clocks, with and without alarm. Watches. Gents' ladies' and boys' gold and silver, hunting-case, open-face and skylight watches, from \$5 to \$150.

Bracelets. A fine lot of ladies' gold band and bangle bracelets.

Finger Rings. Diamond and ruby rings, cameo stone, cameos set with diamonds, cameos set with pearls, garnet and pearls, turquoise and pearls, and onyx rings with hidden mottoes, solid gold band and bangle rings, plain and solid California rings.

Jewelry. Diamonds in every shape. Ladies' sets of jewelry, from the 50-cent black set to the \$300 bird sets of diamonds. Gents' and ladies' gold chains, lockets and charms.

Pins and Buttons. Gents' gold scarf-pins, scarf-slides, studs and collar-buttons.

Silver Ware. Silver and silver-plated knives, forks, spoons, napkin rings, silver sugar-spoons and tongs in cases.

Miscellaneous. Gold and silver trinkets; gold, silver and steel spectacles; and a full stock of everything in the jewelry line.

HOLIDAY GOODS. All to be sold at the LOWEST PRICE! Also accordions, violins, banjos, and the best line of violin, guitar and banjo strings. The best sperm oil for sewing machines. A full line of

Drugs and Medicines. Prescriptions carefully compounded. E. C. BROOKS.

NEW SADDLER SHOP MEDFORD, OR., Madison Rodgers, Proprietor.

DEALER IN HARNESS, SADDLES, BRIDLES, HALTERS, Etc. Etc. A Boot and Shoe Department is also attached.

Call on me and enquire prices and I will prove it. MADISON RODGERS. Medford, Or., July 30, 1884.

NEW TOWN OF MEDFORD!

Lots for sale at low prices and on easy terms. Apply to J. S. HOWARD, Agent, at Medford.

Also, in the Railroad addition to the town of ASHLAND. Apply to M. L. McCall, Agent, Ashland, PHOENIX.

Apply to M. V. B. SOULE, Agent Phoenix. GOLD HILL. Apply to M. E. PUGUE, Agent, Gold Hill.

GRANT'S PASS. Apply to S. M. WILCOX, Agent Grant's Pass. Or to H. ANDREWS, O. & C. R. R. Co., Portland Or.

EMPIRE HOTEL. Medford, Or. J. W. Cunningham, Prop.

This commodious and well arranged hotel is now open for the accommodation of guests, and will be kept on the most improved plan.

The table will always be supplied with the best market affords. Special inducements are offered the traveling public. J. W. CUNNINGHAM. Medford, Feb. 25, 1884.

Criterion Billiard Saloon CALIFORNIA ST., CATON & GARRETT, Proprietors.

This popular resort, under new management, is furnishing the best brands of liquors, wines and cigars. The reading table is supplied with Eastern periodicals and leading papers of the Coast. Give me a call.

Saloon Business for Sale.

The undersigned offers for sale the New Era Saloon and Billiard Hall. This house is new and fitted up in first-class style throughout having in use one of Brunswick & Balke billiard tables; size 4 1/2 x 9; size of building 20 x 40 with office 12 x 16. Situation first-class, fine trade good opening for a live man. Reason for selling, on account of other business. Will sell the property without the stock. GEO. CROSS. Phoenix, Or., Sept. 20th, 1884.

Dissolution of Partnership.

The partnership heretofore existing between the undersigned, has been this day dissolved by mutual consent. All accounts due and owing to the firm of Solomon & Messer are to be paid to Joseph Solomon, and all the debts of said firm are to be paid by him. WM. MESSER, J. SOLOMON. Jacksonville, Or., Jan. 16, 1885.

Trespass Notice.

Different parties have repeatedly trespassed on the Stearns place and they are hereby notified to quit or the law will be enforced against them. Mrs. S. E. Iau.

CRONEMILLER & BIRDSEY, JACKSONVILLE. ME Pogue Gold Hill, AGENTS FOR

LABELLE WAGONS, BUGGIES AND HACKS. LANSING RIDING HARROWS WITH SEEDERS COMBINED. BUFORD CULTIVATORS AND SPRING TOOTH HARROWS. McSHERRY GRAIN DRILLS AND BROAD-CAST SEEDERS. BUFORD PLOWS, ALL STYLES. COLLINS CAST CAST-STEEL PLOWS. RANDALL PULVERISING HARROWS. CIDER MILLS, FANNING MILLS, CORN SHELLERS, HAY CUTTERS, FAIRBANKS SCALES, COOPER'S ENGINES AND SAW-MILLS, CHALLENGE WIND-MILLS, CHALLENGE GRAIN CRACKERS, Etc.

EXTRAS SERVED ON SHORT NOTICE. We would respectfully ask our patrons and friends to call and see our line of goods before purchasing elsewhere, as we feel sure we can

Sell As Low If Not Lower Than any first-class goods can be sold for; and we guarantee all our goods as represented.

CRONEMILLER AND BIRDSEY. Jacksonville, Oregon, May 9, 1884.

EXCELSIOR LIVERY AND FEED STABLE. Corner Of OREGON AND CALIFORNIA STS., JACKSONVILLE. W. J. FLYMALE, prop'r.

Would respectfully inform the public that he has a fine stock of Horses, Buggies and Carriages And he is prepared to furnish his patrons and the public generally with

Fine Turnouts As can be had on the Pacific coast. Saddle horses hired to go to any part of the county

Animals Bought and Sold. Horses broke to work single or double. Horses boarded and the best of care be stowed upon them while in my charge. A liberal share of the public patronage is solicited on reasonable terms.

THE GEM SALOON. MEDFORD, - - OREGON, Kenney & Wolters.

Having opened our saloon in the new brick building of Byers & Co. at Medford we are now prepared to furnish any kind of a drink that can be called for, made with liquors that are acknowledged to be the best in the market.

A Fine Billiard Table Will also be found at this house and on the tables you can find the leading pictorial and sporting papers of the day. Give us a trial. KENNEY & WOLTERS.

General Merchandise. THE UNDER-SIGNED TAKES pleasure in informing the public that he has purchased L. Solomon's interest in the

POST OFFICE STORE. Which will be kept stocked with a complete and first class assortment of general merchandise. I will sell at

Very Reasonable Rates. Give me a call and see for yourselves. MAX MULLER.

CHANGE IN MANAGEMENT. THE U. S. HOTEL. Cor. 3d and California Sts., Jacksonville - - Ogn.

Having taken charge of this hotel the undersigned take pleasure in announcing to the public that a complete change will be made.

The Table will be supplied with everything the market affords, and a general renovation of the Beds and Rooms will be made. The patronage of the public is solicited. J. DE ROBOAM.

DAVID LINN, GENERAL UNDERTAKER, AND DEALER IN COFFIN TRIMMINGS.

COFFINS FURNISHED ON THE shortest notice and cheaper than at any other establishment in Southern Oregon. Furniture of all kinds kept on hand or made to order.

New Cigar Store. B. ROSTEL, Dealer in

Cigars, Tobacco, Cigarettes, Notions, Etc. Also keeps a full line of musical instruments, consisting of Guitars, Banjos, Violins, Accordeons, Harmoniums, Etc. Give me a call and I will satisfy you both in price and in the quality of the goods offered for sale. B. ROSTEL.

Saloon for Sale.

The saloon property at Chavner's bridge, consisting of the house liquors and fixtures, is offered for sale at a bargain. For particulars call on THOMAS HAYNER, Gold Hill, January 23, 1885.

Organ for Sale.

The undersigned offers for sale on easy terms to a good party a first-class Taylor organ, 19 stops, being used but a few weeks. For particulars enquire at this office or address the undersigned at Phoenix. GEO. CROSS. Phoenix, Or., Sept. 20th, 1884.

CITY DRUG STORE CALIFORNIA STREET, MERRITT & ROBINSON PROPRIETORS,

Will keep on hand the largest and most complete assortment of

DRUGS, PATENT MEDICINES & CHEMICALS, PURE WINES & LIQUORS, PAINTS, OILS, ETC., To be found in Southern Oregon. All a full stock of

STATIONERY, SCHOOL BOOKS, FINE CIGARS AND CONFECTIONERY, TOILET SETS, And a great variety of Perfumery, common and Toilet Soaps, etc. Prescriptions carefully prepared by Dr. J. W. ROBINSON. Dr. Robinson's office in Dr. Store.

NEW CASH STORE!! CARO BROS

Has just opened a fine stock of General Merchandise -AT- Phoenix. His motto is Quick Sales and Small Profits.

And he feels assured that all who favor him with their patronage will be satisfied with his prices and the quality of his goods. He keeps DRY GOODS, GROCERIES, PROVISIONS, CLOTHING, FURNISHING GOODS, HATS AND CAPS, BOOTS AND SHOES, and everything usually found in a first-class General Merchandise store.

He will give his customers the benefit of the reduced freights caused by the advent of the railroad, and will not be under sold by anybody. M. A. BRENTANO, Manager. Phoenix, Oregon, Feb. 25, 1884.

THE S. F. VARIETY STORE, UNDER THE MANAGEMENT OF J. R. LITTLE, PROP. JACKSONVILLE.

WILL BE KEPT WELL STOCKED with the choicest CIGARS, JEWELRY, GROCERIES, CANDIES, NUTS, PIPES, CARDS, NOTIONS, CUTLERY, STATIONERY, ALBUMS, TOBACCOES, CIGARETTES

Gent's Furnishing Goods, Fishing Tackle, &c. And everything usually found in a first class variety store. My goods are the best and guaranteed to be as represented. Prices low, as we do not propose to be undersold. Give us a call. J. R. LITTLE.

JACKSONVILLE NURSERY A. S. Johnson, Pro.

As the demand for fruit trees is so great in this valley I have started a Nursery in this place and will raise nothing but the finest varieties. This year I will sell from the Woodburn Nursery as usual and also from the celebrated Alameda Nursery, Oakland Cal. The following are some of the leading varieties I will keep:

Peaches. Early York, Briggs Red May, E. and L. Crawford's, Stump World, Wale's early, salway, Amisen, Susquehanna, Alexander, Mary's Choice, Orange Citrus, Yellow Berger, Lemon Citrus and many more.

Prunes and Plums. Petite Prune d'Agou, Peach Plum, Italian Prune, Yellow Egg, Golden Prune, Coe's Golden Drop, Grosse Prune, Bradshaw, St Catherine Prune, Japan Plum, Cherries, Nectarine, Apricot, Quince, Apple, French Gooseberry, Oregon Champagne Berries, and all kinds of ornamental and shade trees.

City Lunch House And Saloon. Fred Grob, Proprietor.

Having moved to my new stand on California street opposite the Union I very sensibly ask my friends and the public generally to give me a call. I keep Beer, Wine and Cigars and a first class lunch can be had at any time for 25 cents. FRED GROB.

F. RITSCHARD, -PRACTICAL- WATCHMAKER AND JEWELER, California Street, MAKES a specialty of cleaning and repairing watches and clocks. My charges are reasonable. Give me a call.