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Let us solve the problem for you. In buying Selz Shoes you not only have the satisfaction of knowing you have secured good style and unusual wearing quality, but you will soon learn what is meant by



**McKibbin
Hats**

None Better Made
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Makes Your Feet Glad

You may pay what you will in an endeavor to get style and comfort, but you can not find a better shoe than the Selz. Most styles of Selz Dress Shoes sell at \$3.50.

The McKIBBIN HAT

NONE BETTER MADE
The Rival of any \$5.00 for \$3.75

SHOES AND HATS AT ALL PRICES

Hemenway & Burkholder



were wrong; but however desirable and necessary experimenting may be, let it be done by those whose knowledge and experience fits them for the important work.—Mining and Scientific Press.

Production of Mineral Paints.

The United States Geological Survey has recently issued a report entitled "The Production of Mineral Paints in 1903," in which the statement is made that the natural mineral paints produced last year amounted to 126,649 short tons, valued at \$5,437,275. The report covers the production of metallic paint (including mortar colors), ochre,umber, sienna, venetian red, zinc white, slate, graphite and carbonaceous shales and schists. As compared with the production 125,694 short tons, valued at \$4,960,831 in 1902, the output of 1903 is an increase of 995 short tons in quantity and of \$476,444 in value. This increase in value is due to the increase in the production of the higher priced pigments.—Daily Mining Record.

Estimates on Mining Machinery.

That much and actual development work is going on in the mining districts of the state is indicated by the amount of business transacted by dealers in equipments for mines and miners. Estimates on several plants are being made at present in Portland and it is expected that some large machinery deals will be made in the near future.—Telegram.

For Sale.

Mountain ranch of 160 acres, 20 acres plow land, 60 acres pasture, 2 acres of orchard, balance timber, good fences, house of four rooms, carriage house, barn, and other outbuildings, plenty of spring water, all kinds of small fruits. Will sell reasonable for cash or will arrange sale on time if conditions are satisfactory. Address Box B, Leader office.

Telephone Lists Free.

The complete revised list of telephone subscribers issued by the Lane County Leader has been completed and is now ready for use of subscribers to the telephone system. They can be had at the office of the Leader or from David Griggs at the Modern Pharmacy. They are given away free. Call and get one.

Maps Free.

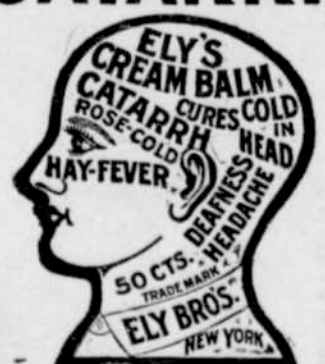
All who wish a map of Cottage Grove may now get one at the Leader office, free. The streets are all shown and the map is a valuable business directory as well. There are only a limited number for general circulation.

Tailor Made Suits.

Suits tailor made to order at the lowest figures, latest styles. Suits cleaned and pressed. \$1 per month. GEO. BOHLMAN, River street, near Wall St.

We have a large supply of cheap lumber, just what you want on a ranch. Price very cheap. Must be sold for other stock. The Booth Kelly Lumber Co., Saginaw Ore.

CATARRH



ELY'S CREAM BALM
This Remedy is a Specific,
Sore to Give Satisfaction.
GIVES RELIEF AT ONCE.
It cleanses, soothes, heals, and protects the diseased membrane. It cures Catarrh and drives away a Cold in the Head quickly. Restores the Senses of Taste and Smell. Easy to use. Contains no injurious drugs. Applied into the nostrils and absorbed. Large Size, 50 cents at Druggists or by mail. Trial Size, 10 cents by mail.
ELY BROTHERS, 56 Warren St., New York.

First National Bank
Herbert Eakin President
T. C. Wheeler Cashier
CAPITAL \$25,000
A general banking business transacted
ORGANIZED 1900
COTTAGE GROVE OREGON

NOTICE FOR PUBLICATION

United States Land Office, Roseburg, Oregon, Oct. 29, 1904.
Notice is hereby given that in compliance with the provisions of the Act of Congress of June 3, 1878, entitled "An Act for the Sale of Timber Lands in the States of California, Oregon, Nevada, and Washington Territory," as extended to all the Public Land States by Act of August 4, 1892, Josephine Anderson of Cottage Grove, County of Lane, State of Oregon, has this day filed in this office her sworn statement No. 654 for the purchase of the tract, S. 35 SW. 1/4, Sec. 14, T. 22 S., R. 12 E., containing 20 acres, of Section 14, Township 22 South, Range 12 East, and will offer proof to show that the land sought is more valuable for its timber or stone than for agricultural purposes, and to establish her claim to said land before J. J. Walton, U. S. Commissioner, at his office, at Eugene, Oregon, on Saturday the 14th day of January, 1905.
She names as witnesses: Louis Gerum, Alfred S. Powell, Louis Osberg, Fred Anderson, all of Cottage Grove, Oregon.
Any and all persons claiming adversely the above described lands are requested to file their claims in this office on or before said 14th day of January, 1905.
J. T. BRIDGES, Register.

NOTICE FOR PUBLICATION.

United States Land Office, Roseburg, Ore., Nov. 17, 1904.
Notice is hereby given that in compliance with the provisions of the act of Congress of June 3, 1878, entitled "An Act for the sale of Timber Lands in the States of California, Oregon, Nevada, and Washington Territory," as extended to all the Public Land States by act of August 4, 1892, SAMUEL E. JACOBS of Eugene, County of Lane, State of Oregon, has this day filed in this office his sworn statement No. 657, for the purchase of the E. 1/2 of S. 14 of Sec. 20, in T. 22 S., R. 12 E., Range 12 West, and will offer proof to show that the land sought is more valuable for its timber or stone than for agricultural purposes, and to establish his claim to said land before J. J. Walton, U. S. Commissioner at his office at Eugene, Lane Co., Oregon, on Tuesday, the 7th day of February, 1905.
He names as witnesses: Clark P. Devereaux, Frank A. Tripp, Ethel Harrington, John F. Vates all of Eugene, Lane county, Oregon.
Any and all persons claiming adversely the above described lands are requested to file their claims in this office on or before said 7th day of February, 1905.
J. T. BRIDGES, Register.

NOTICE FOR PUBLICATION.

United States Land Office, Roseburg, Oregon, Nov. 4, 1904.
Notice is hereby given that the following named settler has filed notice of his intention to make final proof in support of his claim, and that said proof will be made before J. J. Walton, United States Commissioner, at his office at Eugene, Oregon, on January 18, 1905, viz: H. E. No. 960, George Petty, for the E. 1/2, S. 14, Sec. 14, T. 22 S., R. 12 E., Range 12 West, and will offer proof to show that the land sought is more valuable for its timber or stone than for agricultural purposes, and to establish his claim to said land before J. J. Walton, U. S. Commissioner at his office at Eugene, Lane Co., Oregon, on Tuesday, the 7th day of February, 1905.
He names as witnesses: John H. Barlow, Louis McCoy, both of Cottage Grove, Frank A. Tripp, Clark P. Devereaux, both of Eugene, all of Lane county, Oregon.
Any and all persons claiming adversely the above described lands are requested to file their claims in this office on or before said 14th day of December, 1904.
J. T. BRIDGES, Register.

NOTICE FOR PUBLICATION.

United States Land Office, Roseburg, Oregon, Sept. 29, 1904.
Notice is hereby given that in compliance with the provisions of the act of Congress of June 3, 1878, entitled "An Act for the sale of timber lands in the States of California, Oregon, Nevada, and Washington Territory," as extended to all the public land states by act of August 4, 1892, EUGENE H. WILCOX of Portland, County of Multnomah, State of Oregon, has this day filed in this office his sworn statement No. 652 for the purchase of the E. 1/2 of Section No. 25 in Township No. 20, South of Range 4 West, and will offer proof to show that the land sought is more valuable for its timber or stone than for agricultural purposes and to establish his claim to said land before J. J. Walton, U. S. Commissioner at his office at Eugene, Oregon, on Thursday, the 15th day of December, 1904. He names as witnesses: John H. Barlow, Louis McCoy, both of Cottage Grove, Frank A. Tripp, Clark P. Devereaux, both of Eugene, all of Lane county, Oregon.
Any and all persons claiming adversely the above described lands are requested to file their claims in this office on or before said 14th day of December, 1904.
J. T. BRIDGES, Register.

NOTICE FOR PUBLICATION.

United States Land Office, Roseburg, Ore., Oct. 11, 1904.
Notice is hereby given that in compliance with the provisions of the act of Congress of June 3, 1878, entitled "An Act for the sale of timber lands in the States of California, Oregon, Nevada, and Washington Territory," as extended to all the public land states by act of August 4, 1892, NICK ANDERSON of Eugene, County of Lane, State of Oregon has this day filed in this office his sworn statement No. 648 for the purchase of the W. 1/2, S. 14, Sec. 14, T. 22 S., R. 12 E., Range 12 West, and will offer proof to show that the land sought is more valuable for its timber or stone than for agricultural purposes, and to establish his claim to said land before J. J. Walton, U. S. Commissioner, at his office, at Eugene, Oregon, on Friday the 23rd day of December, 1904.
He names as witnesses: Peter Oltus, Blue River; Johannes J. Brault, Blackbutte; Martin Haugenson, Eugene; John J. Rude, Eugene, all of Lane County, Oregon.
Any and all persons claiming adversely the above described lands are requested to file their claims in this office on or before said 23rd day of December, 1904.
J. T. BRIDGES, Register.

FOLEY'S HONEY AND TAR
stops the cough and heals lungs

ELECTRIC LIGHTS

No home is complete without them. Safe, Convenient and Economical.

We will wire your house at small cost.

Chandeliers, Stand Lamps and all kinds of Electrical Fixtures for sale at our headquarters on Main Street.

Cottage Grove Electric Co.

Bohemia and Cottage Grove Stage Line

LEWIS & VEATCH, Proprietors
Runs Every Other Day Between Wildwood and Bohemia, Connecting with O. & S. E. R. R. Trains
Stage leaves Wildwood for Bohemia Monday, Wednesday and Friday on arrival of train. Train leaves Cottage Grove at 7:30 a. m.
Stage leaves Bohemia for Wildwood Tuesday, Thursday and Saturday at 5 a. m., connecting with O. & S. E. R. R. trains.
Packages or orders left at Fashion Studios will receive prompt attention.
Lewis & Veatch, Proprietors Fashion Livery and Feed Stables Cottage Grove, Oregon

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at our Store. All kinds of country produce bought and sold

SPECIAL BARGAINS

are being offered in many departments of our merchandise stock and it will pay you to give us a call.

For your General Merchandise call on the reliable firm of

CURRIN & VEATCH

Groceries, Dry Goods, Clothing, Boots and Shoes



TOOL OUTFITS FOR THE MECHANIC

We have them all at prices. Also, we carry the best makes of tools of all kinds for carpenters, cabinet makers and machinists. Complete stock of general hardware. See us before buying your farm implements and wagons.

Griffin & Veatch Co.

BARTELS' CITY MEAT MARKET

COTTAGE GROVE, OREGON

Fresh Beef, Pork, Mutton and Veal

ALWAYS ON HAND

SMOKED : MEATS : A : SPECIALTY

CHOICE FRESH FISH ON TUESDAY AND FRIDAY

J. H. BARTELS, Proprietor Phone Main 83

USE COTTAGE GROVE BREAD

MADE FROM COTTAGE GROVE FLOUR

Parker makes it and it is made from flour made by Cottage Grove men. It is kneaded by Cottage Grove men, sold by Cottage Grove men, and should be eaten by all Cottage Grove people. There is no need to go outside of Cottage Grove to get your bread, and by patronizing home industry you help others to make a living here, as well as yourself. Insist upon having Cottage Grove Flour and Cottage Grove Bread.

Parker MAKES IT NONE BETTER
NETCALF & MORSE SELL IT

..HARDWARE..

PLUMBING A SPECIALTY
MINERS' SUPPLIES
Stoves, FIRE ARMS
FARM TOOLS
Tinware

PIPER & VANDENBURG

Take any Overcoat

IN OUR STOCK

And you can't miss a bargain in material, style, workmanship and finish. They are the very best goods we have been able to find. We can fit any man, long, short, thick or thin, and we'll cut a tailor's price about the middle for



Goods of Equal Merit

Pacific Timber Co. Store
UNDER ODD FELLOWS' HALL

has departed very slightly from the time-honored custom of centuries. In California where the Idria and New Almaden mines produced mercury richly, the Scott furnace has been perfected and used and by means of it, with favorable conditions for mining, an ore carrying 3 of one per cent mercury is made commercial. Mr. Dennis seeks to make a lower grade ore commercial, for, in addition to his high-grade cinabar, he has great masses of a low-grade ore, which can be made to produce richly if values of .15 of one per cent are commercial.

In the work now under way Mr. Dennis is experimenting and making tests. He studied mercury metallurgy with the closest care before beginning his work, visiting California and securing all available writings on the subject. Then he set about the construction of his own furnace, calling to his service a thorough mechanical engineer. A test run with the new furnaces is assured in the near future, when mining engineers will be deeply interested in learning to what extent the Oregon operator has added to the world's knowledge relative to an industry that is destined to become prominent here.

Experimental Mining.

There are few branches of industry which offer better opportunities for experimentation than mining, and it may be said with truth that it requires a good mine to survive a period of experimental operation, particularly if the ex-

periments are conducted by inexperienced and incompetent persons. There are many mines which possess the elements of success, but which do not achieve fame or even moderate success, because their resources are wasted in ill-advised experiments. There are, however, times when experiment is not only justifiable, but absolutely necessary, and it is important that these trials be made by one experienced in the business and competent to judge of their relative efficiency and cost, and the results obtained. It has been said any one can successfully run a rich mine, which is doubtless true, but the best managers are those whose experience has been gained where the cost had to be carefully considered and where extravagance was an impossible factor in the road to success.

The manager of a large mine was advised to install a plant consisting of rolls, trommels, jigs, sizers and concentrators, to handle a particular portion of the output of his mine. He declared, however, that he had experimented long enough, and knew that the plant suggested would not prove suitable. Instead he installed, at double the cost, a stamp battery which gave a capacity of less than one-half that which would have resulted from the rolls, and with a saving in operation considerably below that which might have been realized with proper equipment. When this manager said he had experimented sufficiently he believed himself in the right, as he had done nothing but experiment through his entire career at the mine in question, but had never had an opportunity to gain experience elsewhere, and moreover, as he was not a reader of technical and practical papers, from which he might have obtained much useful knowledge, experience was limited to this one spot, and the devices largely of his own creation. Still he thought there was little about mining and metallurgy he did not know. He was a constant experimenter, but his endeavors were mostly misdirected, because of his lack of knowledge of what others were doing.

The manager of another large and successful mine was wont to content himself with the statement: "I permit my neighbors to do the experimenting, and when they evolve something superior to that which I already have, I am ready to adopt it." This man represented directly the opposite extreme. He was experienced in his own work, and believed he was doing the best that could be done, and was so self-satisfied that he even declined to admit the possible advantage of experimenting to see if any additional saving could be made. Here were two extremists—the one continually experimenting, though not intelligently, the other refusing to experiment. Both