

INVESTORS 2 2 (This ad will not appear again.)

desiring to place \$20 or more in two equal monthly payments can learn of an excellent opportunity to become interested in the purchase of a Mining property, situated in a good Mining district in Oregon.

NO MONEY IS TO BE SENT NOW,

but those who would like an option on \$20 worth or more as above until they can investigate further, should cut out and mail to us the blank form indicating the amount they desire to invest providing, however, the information they are to receive concerning the property, is satisfactory.

[CUT OUT AND MAIL THIS]

REFERENCE

BY PERMISSION

Merchant's National Bank

Portland, Oregon



E. A. CLEM & CO.

Portland, Oregon.

Gentlemen:

Please send me particulars of the Mining property you have under option contract for the purchase of which additional capital is required and enter me an option on \$.....worth of the purchase price for thirty days, until I have time to investigate; it being understood that no obligation on my part is created by this reservation, the same to be binding must be confirmed by me in writing after receiving details from you; that the options requested are to be listed in the order in which they are received and that you reserve the right to cancel my option if received after the necessary capital has been fully subscribed.

Signed.....
 City or Town.....
 Street.....
 State.....

PLACER MINER FINDS IRIIDIUM.

Rare And Valuable Metal Found In Neighboring Diggings.

A few days ago a placer miner brought a curious looking silvery specimen of metal to Juessen & Clark which when assayed proved to be iridium. There was about one ounce of it, and while the owner indicated generally that it came from one of the neighboring placers he refused to give away the secret of its exact location. He said his attention was attracted to it by its ready separation from other material on account of its superior specific gravity.

Iridium is a rare and valuable metal, having a foliated or laminated structure, belonging to the platinum group and usually found associated with platinum, rhodium, ruthenium, osmium and sometimes iron. It is very much heavier than gold, its specific gravity being 22.6, while that of gold is between 18 and 19, and in point of value, it is worth twice as much. Its commercial value is about \$40 an ounce. Its separation from the associated metals is a matter of extreme difficulty involving a series of chemical operations. The metal is practically indestructible, resisting the action of all known acids even the powerful aqua regia, and fuses with difficulty in the flame of an oxyhydrogen blowpipe.

The density, rigidity and elasticity of the metal render it valuable to

certain commercial ends. For instance it is used in forming the points of gold pens. Its non-magnetic character superior hardness and high degree of elasticity, make it valuable in the manufacture of springs and axles for the higher priced watches. Alloyed with platinum its malleability, ductility and elasticity are practically without limit. Reduced to a moory or pulverized condition iridium in connection with certain oils and chemicals forms a very fine jet black paint used in ornamenting the expensive chinaware.

The metal was first discovered by Smithson Tennant in 1803.

EIGHT NEW STAMP MILLS.

Producers and Dividend Payers Will Be Doubled Soon.

The Democrat says Judge Thomas Burke yesterday returned from an extended trip through the Alamo and Greenhorn mining districts. The Judge says that everything in those camps is on the jump. Hundreds of men are at work topside and downside the surface. Tons of machinery and supplies are going in there and eight new stamp mills are under course of erection on as many different properties.

With the amount of development work now in progress in the upper camps, Judge Burke says that it will not be many years before the list of producers and dividend payers in Eastern Oregon is doubled.

Painting the Town.

E. A. Case, of the Case Furniture company, is painting the town red—at least a part of it. He is giving his store a coat of vermilion, thus

getting an early start for the glorious Fourth.

Will Not Close Early.

The merchants of the city have agreed not to observe the early closing rule July 2, 3 and 4, but will keep open late on these dates.

Timber and Homestead Filings.

Timber and homestead filings, as well as final proofs, can be made before Charles H. Chance, United States Commissioner, office in First National Bank of Sumpter building, Sumpter, thus saving applicants expense of a trip to La Grande.

The celebrated Gund's—"the beer of good cheer"—always on draught at Dunphy's The Club

Use Giant Powder, Fuse and Caps.

Mining deeds for sale at this office.

Help Build Up The West.

The low rates from the east to the west and the northwest, February 15 to April 30, will undoubtedly bring out thousands of settlers. Where they will go is largely a question of inducement. If you are interested in securing any eastern people for your section of the west, send their names and addresses to the undersigned. All the facts and figures about the trip will be promptly sent them. H. S. Rowe, General Agent, Chicago, Milwaukee & St. Paul Railway, 134 Third Street, Portland, Ore.

JUESSEN & CLARKE

MINING & CIVIL ENGINEERS

SPECIALTIES—
 Expert Examinations. Reports on Mining Properties. Designing and Installing Mills and Power Plants. U. S. Mineral and Underground Surveys. Management of Mining Properties. SUMPTER, OREGON.

THE DENVER & RIO GRANDE AND THE RIO GRANDE WESTERN

THE SCENIC LINE

Through Salt Lake City, Leadville, Pueblo, Colorado Springs and Denver, and the Famous Rocky Mountain Scenery by Daylight to all points East.

3 FAST TRAINS DAILY BETWEEN OGDEN AND DENVER 3

MODERN EQUIPMENT, THROUGH PULLMAN AND TOURIST SLEEPING CARS AND SUPERB DINING CAR SERVICE

STOPOVERS ALLOWED

For rates, folders and other information, address **M. C. M'BRIDE, Gen. Agent, 124 Third St., PORTLAND, ORE.**