

## BURNT RIVER ROAD.

### Messrs. Jones and Doane Select Southern Route.

Al Jones and J. N. Doane returned several days since from their trip of inspection over the two proposed routes for the wagon road to the Burnt river settlement. They were gone four days, examining the country carefully and thoroughly, and pronounce unhesitatingly in favor of what is known as the southern route.

They say that the entire road can be built on an easy grade and comparatively cheaply. It will leave the valley road to the left and cross Huckleberry mountain about two miles south of the Whitney extension of the railroad. The road running north from the Burnt river country will be reached in a distance of about thirteen miles from Sumpter, and considerably less than ten miles of roadway will have to be constructed.

In a few days a committee of business men from Sumpter will make a trip to that section of country and confer with the farmers relative to co-operation in the enterprise. It has been impossible for Mayor Robbins to get away during the past few days, owing to the absence of Cashier Miller, of the First Bank of Sumpter. As soon as he returns Mr. Robbins will be ready to go. If this is delayed more than a few days, the gentlemen will have to make the trip without the mayor. Arrangements for a survey of the route is now being made.

J. H. Robbins and R. E. Strahorn advance the money for all of this preliminary work. The road will undoubtedly be built this season.

### Sumpter Has Same Card Up Its Sleeve.

La Grande has a trump card which she can play at any time and make this a city of ten thousand. It is expressed in the one word, roads. Let the people improve and extend all roads leading into the city and they will have paved the way for a fifty per cent increase in trade. But they should understand that roads are not good if they are merely summer driveways. They should be made passable winter and summer for heavy loads. With good graveled roads extending in every direction and with an electric road to Cove, La Grande will be able to command all the large trade of an important and rapidly improving section. This is not advanced as a boom scheme for checking the ravages of the dry rot, a method employed by various other towns, but as a legitimate business plan for increasing trade.—La Grande Chronicle.

### COPPER HARDENING PROCESS.

#### This Time a Tacoma Woman Discovers The Long Lost Art.

Word comes from Tacoma that Mrs. Harry Renstrom is preparing to make trouble for the great American steel trust. This comes in the way of the discovery of one of the lost arts, the process of hardening copper, which has been the stalking ghost of the steel industry for a hundred years. Mrs. Renstrom is no theorist or dreamer, but a clear headed, practical woman, who has quietly worked away until now she has produced edged tools of copper that will cut the hardest of wood and hold their edge as well as the best steel. She feels confident that she has solved the problem of hardening copper and thus making edged tools that will drive the steel article out of the market.

She has already through an attorney made application to the department at

Washington for a patent to protect her rights and will carefully guard her secret until that is gained. Overtures have been made to her from a number of capitalists, among them being J. Pierpont Morgan, negotiating for the invention when completed.

Mrs. Renstrom has been working on this process for years and has read everything relative to the matter that has been written. From her study of the matter she has become convinced that the hardening of copper was once a universal art. The American Indians practiced it on Lake Erie, where numerous evidences in the way of copper utensils and cutlery have been found. Among these, copper chisels have been picked up that will cut the hardest steel. It is a well known fact that the ancient Romans and Egyptians understood and utilized this process. A returned Filipino soldier recently brought back to Tacoma a bolo knife found in Luzon, the blade of which was of hardened copper and possessed a fine edge and was well tempered.

These facts have led her to believe that at one time, thousands of years ago, copper was hardened and used for tools and weapons all over the world, and she claims the process was undoubtedly a simple and cheap one, as the ancients had no intricate or costly methods or costly machinery.

### Reduced Rates

Are now in effect to Buffalo, New York. Do you expect to attend the Pan-American Exposition?

If so, do not buy your tickets until you have investigated the services of the ILLINOIS CENTRAL Railroad.

Our accommodations are the best that can be had, our trains are always on time, and employees courteous and accommodating.

Through tourist cars from the Pacific Coast to Boston via Buffalo.

If you will send fifteen cents in stamps to address given below, we will forward you, by return mail, one of our large 34x40 inch wall maps of the United States, Cuba and Porto Rico.

Any information regarding rates, accommodations, service, time, connections, stop-overs, etc., will be cheerfully furnished by B. H. TRUMBULL, Com'l. Agent, Third street, Portland, Ore.

Use Giant powder, fuse and caps.

Only the best brands of liquors and cigars at the Club saloon of Dumphy & Gertride.

Dumphy & Gertride's Club saloon is the popular resort for mining and commercial men.

Quartz location notices, with affidavit of assessment work attached, for sale at THE MINER office.

### HILL MILITARY ACADEMY.



A private school for boarding and day pupils. Prepares boys for admission to any scientific school of college, and for business life. New and completely equipped building. Thorough instruction according to the best methods. Good laboratories. Manual training. The principal has had twenty-three years experience in Portland. Office hours, 9 to 11 A. M., and 2 to 5 P. M., at 821 Marshall street. For catalogue and pamphlet containing letter of testimony, etc., address,

J. W. HILL, M. D.  
Principal.

P. O. Drawer 17. Fortlan, Or.



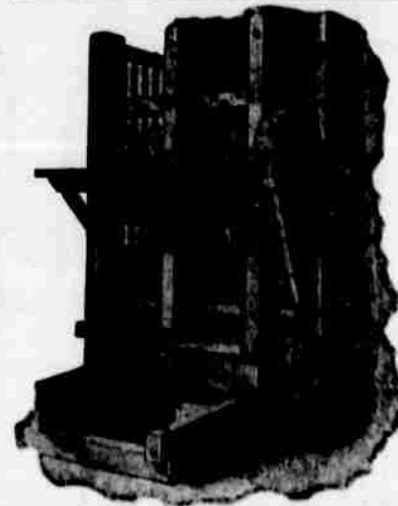
## F. C. BRODIE, JEWELER

WATCH REPAIRING A SPECIALTY . . . FINE JEWELRY  
REPAIRING, DIAMOND SETTING, ETC.

OPPOSITE NEW HOTEL, . . . GRANITE STREET.

Sumpter, Oregon.

## ALLIS-CHALMERS CO.



—General Offices—  
CHICAGO, ILLS.

Manufacturers of  
Stamp Mill, Concentration,  
Chlorination, Cyanide,  
Smelting, Converting and  
General Mining  
**MACHINERY**

BRANCHES . . .

SPOKANE, WASH.,  
DENVER, COLO.,  
SAN FRANCISCO, CAL.

## Joshua Hendy Machine Works

Nos. 38 to 44 Fremont Street

SAN FRANCISCO, CALIFORNIA



IMPACT WATER WHEEL

Quartz Mining and Milling  
Hoisting, Pumping and  
Saw Mill Machinery, Hy-  
draulic Mining Machinery,  
Giant, Water Gates and  
Hydraulic Riveted Pipe. Water  
Wheels and Water  
Motors, Engines, Boilers,  
Pumps and Machinery of  
every description.

Prospecting Machinery.

WRITE FOR CATALOGUE AND PRICES

## OPERA HOUSE SALOON

SUMPTER BEER ON DRAUGHT  
BILLIARD AND POOL TABLES

Agents for Matting-  
ly and Moore Whis-  
key—a 20-year-old  
whiskey as good as  
Elixir of Life. All  
whiskies are out of

bond and guaran-  
teed the genuine ar-  
ticle. Popular re-  
sort for Commer-  
cial Travelers and  
Miners.

SUMPTER,

OREGON

## THE GEM SALOON

A. J. STINSON, Prop.

(Successor to Snyder & Stinson)

Only the Best Brands of Liquors Served Over the Bar

SUMPTER, . . . OREGON