



# THE SUMPTNER MINER

## OREGON'S MINERAL EXHIBIT AT ST. LOUIS

### Fred R. Mellis, Who Has Charge of it, Will Ship Stuff on March 10.

Fred R. Mellis, of Baker City, who has charge of the Oregon mineral exhibit at the St. Louis exposition, is here today conferring with mining men relative to matters pertaining to his office.

Mr. Mellis has the work well in hand. Under his supervision the mineral palace, which is to occupy the center of the Oregon mineral booth and furnish an office for Mr. Mellis during the fair, has been constructed in Baker City, and is now all ready for packing and shipment. The booth proper will be 50x30 feet, and the palace will occupy a space 9x13 feet. This palace, according to the descriptions given by Mr. Mellis, is a work of art. It will be surrounded by sixty panels with borders, in which are stuccoed minerals from the different mines of the state. The work of accomplishing this was attended with more or less difficulty. Mr. Mellis had the correct conception of what he wanted, but just how to put it into execution was the

question which puzzled him. Finally he secured a stucco artist, formerly employed by Tiffany, and everything was then smooth sailing. The palace has now been completed and will be ready for shipment on March 10. The panels which contain the minerals in stucco from the various mines of the state will be surrounded by panels, in which will be exhibited galena and sulphide ores.

These, however, do not constitute the entire exhibit. The rest of the booth will be filled with floor and wall cases containing ore from Oregon mines, and on the terraced roof will also be exhibited heavier specimens in artistic arrangement. According to the descriptions given, the whole is a work of art and will be a great credit to the mining industry of the state. The mining people, Mr. Mellis says, are responding very promptly and greatly assisting him in the matter of collecting a creditable exhibit. He will leave about April 1 for St. Louis.

### HE LIKES THE PEOPLE OF OREGON

J. G. Fletcher, a mining man of the Bully Hill copper region, Shasta county, California, formerly associated with W. W. Elmer, of this city, arrived this morning and will probably remain here for some time. This is Mr. Fletcher's first visit to Oregon, and he is greatly pleased with what he has seen so far, especially the people. He says:

"I have been located in a malarial district and it is perhaps due to this fact that the people there are naturally choleric, and chronic kickers. I find the people of Oregon, at least as many as I have met in passing through the state, entirely different. They are, so far as I have been able to judge, not only sunny and enthusiastic but progressive."

### NEW MILL AT THE CYCLONE

J. C. Garretson, the Fairbanks-Morse man, of Portland, is in the city looking over the field in the interest of his company. A plant has just been completed by this company at the Cyclone in the Virtue district. It is a four roll quartz mill, of the new improved Elspasa type, with two new Standard concentrators.

The mill has just been completed and Mr. Garretson says it is in fine working order and giving good satisfaction.

### STANDARD OIL COMPANY HAS MONOPOLY ON ASBESTOS.

It is reported that the Standard Oil company now controls all of the output of asbestos from the Ontario

deposits, which today yield the greater part of the world's output. The uses of this mineral are being yearly increased, and the demand is greater than the supply. Although generally distributed, it is found in commercial quantities in only a few localities. In 1901 the only producing mine in the United States was in Georgia, and the value of the product was only \$13,500, whereas the same year the Canadian mines produced over \$1,186,000 of asbestos. The value of the United States product in the same year was \$19 a ton, but as the price is dependent upon the length of the fiber and the general character of the mineral this cannot be taken as a standard. The Ontario asbestos brings as high as \$40 a ton at the mine. There should be other deposits of this mineral to be found, and the busy prospector should post up on the geology of this now prized mineral.

Quite all the asbestos imported into the United States is obtained from Canada, and is of the chrysotile variety. These deposits are associated with the basic magnesian rocks mentioned as extending from northern Alabama, in the United States, northeast to Gaspe peninsula, in Canada. There are three distinct Canadian districts, all in the province of Quebec, from sixty to 100 miles south and southwest of Quebec. One is in the vicinity of Danville; the second is near Coleraine, Black lake, and Thetford, about thirty miles northeast of the first; and the third is near Broughton, about fifteen miles northeast of the second. All those near Danville being on the Grand Trunk railroad and the others on the Quebec Central. There is still another district in the vicinity of Ottawa where asbestos occurs in limited amount, but it has not yet assumed any importance as a producer of this metal. — Mining World.

### ARE OUT FOR THE CHAMPIONSHIP

At a meeting held last night in the Opera house by the Knights of Pythias, arrangements were completed for the winning team here to enter the competitive drill at Pendleton during the joint district convention, Saturday, March 5, for the state championship.

R. H. Miller and F. J. Quinlan were appointed a committee to arrange for special trains. The contest will be Saturday evening, and the plan is to get a train out of Sumpter at 11 o'clock Saturday morning, arrive at Baker at about 1, and leave immediately on the O. R. and N. special for Pendleton, returning here Sunday on the regular train. The boys are out for the championship and say they are confident of victory.

## CARLSON'S AGITATOR

Appropriates Dr. Hendryx's Idea And Makes an Improvement on Machine.

Used in Cyanide Process—Wants to Install a Plant at The Golconda.

C. J. Carlson, formerly mill superintendent at the Golconda, but now of Spokane, arrived here this morning in the interest of an agitator which he is introducing. His device is akin to the Hendryx process, but Mr. Carlson has made some changes in the mechanism and is introducing the machines independently. The process is not patentable, and therefore no infringement can occur.

Mr. Carlson is just back from the Mountain Lion, in the Republic district, where he recently installed a machine, which, he says, is now in fine working order. His proposition to put in a test plant at the Golconda still remains, and it is possible that steps may be taken in this direction before long.

Mr. Carlson left this afternoon for the east, where he will work for a short time in the interest of the agitator.

### WELL PLEASSED WITH HIS VISIT HERE.

Dr. F. A. Walters, of Stevens' Point, Wisconsin, one of the heavy stockholders in the Storm King, left today for southern Oregon, where he is also interested. He may return here before leaving for the east, but will probably go directly to Pittsburg, where he was called by wire to confer with some prospective Storm King investors.

Dr. Walters is highly pleased with his trip. He made a thorough investigation of the property, taking experienced mining men with him to report on it, and he is convinced beyond doubt of its merit.

### Left For Nevada.

Dan Kendall, well known here as a millwright and mining man, left this afternoon for Goldfield, Nevada. Mr. Kendall has been attracted by the glowing reports of this new camp opened up recently near Tonapah.