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SOMETHING NEW.

A new gold saving machine is now being built in Chicago, which promises to revolutionize placer mining and make it possible to take princely fortunes out of ground that in the past has been considered entirely worthless from the fact that the gold in it is so light that up to the present time no contrivance has been devised whereby it could be saved. It is impossible to give an accurate description of this machine, or hardly an intelligent one, without a descriptive cut of the same. As they are now building it it will require an elevator to carry to it, all though their can be other methods of conveying the pay dirt to it if one so desires. The machine is a table or box 27½ feet long by five feet wide. In the bottom of the box and about 3½ feet apart, and set in shallow trenches filled with quicksilver, are seven five foot rollers extending crosswise the box and turned by chain and sprockets. Between the rollers are copper plates which are quicked. About two inches of water passes over the plates and rollers. The revolving of the rollers form the riffles. Each roller turns in a bath of quicksilver and thus lubricates itself at each turn. The amalgam is removed under the table through openings which are secured by lock and key. 1000 pounds of quicksilver are required to fill all the bathes, there being a bath for each roller. The gravel before entering the machine passes over a grizzly which permits gravel up to two inches in circumference to pass through.

If the machine will equal the model it will certainly be a wonderful invention. In the test with the model gravel was put through it that one could not get a color from with a pan, yet good results were obtained from the same by running it through the machine, it saving the very finest of flour and flake gold. A company, which owns large placer properties in the Pierce district, have an option on the first ten machines to be built, and are now having one built, in Chicago, to operate in this district. They

expect to have it here some time this month when the trial test will be made. The patentee will come with the machine and set it up and run it.

THE ST. LOUIS.

H. G. Lougee, a Spokane mining expert, spent several days in the camp this week inspecting the St. Louis. This property was located last year by Wm. Dahl and Jack Dunn, and is now bonded to some Spokane parties. The parties who have the bond on the St. Louis have located eight more claims in the same vicinity. The company have about 175 feet of work done on the bonded property and have just let a contract for the driving of a 100 foot tunnel, the same to be completed in about six weeks. Mr. Lougee in speaking of the property said: "I have spent four days in examining the St. Louis and have been very thorough in making my selections and tests, and find gold enough in it to satisfy anyone. It is the making of a great mine."

Mr. Lougee is a mining man of long experience and his opinion carries great weight with it in mining circles. The company is now erecting their buildings preparatory for their summer work, which will be pushed along upon the return of Superintendent E. F. Staples from Spokane.

THE DEWEY.

The Dewey is making a test run of its ore. The ore is being milled at the Crescent mill. The company owns five claims. On the Dewey, proper, they have between 350 and 400 feet of tunneling done. The vein is narrow but exceedingly rich. There is no doubt but that it is an extension of the Wild Rose vein. The formation is the same and the character of the ore is identically the same. The owners of the Wild Rose, also, have traced their ore body to within 50 feet of the Dewey's south end lines. The future work on the Dewey will be largely decided by the test now being made.

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THE CRACKERJACK

W. B. Walker was in from Poorman Tuesday. Mr. Walker in company with Andrew Bergman is engaged in running a tunnel in on their property, the Crackerjack group of claims. The have about 100 feet of work done now. The ledge is four feet in width and assays from \$10 to \$30 per ton. Mr. Walker says that he has had no assays made this spring, but that the property where they are at work now, yields a far better prospect, with the pan, than it did

when they received their \$30 assays. The Crackerjack group comprises three claims.

It was turn your pardner and everybody dance, last Wednesday night.

L. D. Snyder, of Ford creek, was in town Saturday. He brought in hen fruit and garden truck.

Dr. H. E. Frey, of Orofino, has been in attendance upon Judge I. B. Cowen during his illness the past week.