

TO SAVE GOLD.

**Thomas A. Edison Invents
Machine for Low Grade
Gravel.**

A dispatch to the Record-Herald from New York says: Thomas A. Edison has a scheme for extracting the untold billions of dollars' worth of gold that lie in the immense low-grade gravel and quartz beds in Lower California, New Mexico, Arizona, and Northern Mexico. They cannot now be worked, because there is not water for hydraulic mining, and the gold runs in too small a quantity to the ton to make mining it profitable under other systems. An air blast is employed by Mr. Edison in his solution of the problem to separate the gold from the mass.

The system, it is claimed, has now reached a working basis. Experiments on the desert near Santa Fe by Floyd M. Chapman, one of Mr. Edison's assistants, have enabled Mr. Edison and Mr. Chapman to produce a machine which they declare will reclaim 90 per cent of the gold from the gravel. In hydraulic mining it was thought remarkable if 75 per cent of the gold was washed out.

One man, it is claimed, can run scores of separators. The gravel is first dug out of the ground with a steam shovel; conveyers then carry it to sieves that separate it into particles of uniform size. Each separator is designed to handle gravel of a certain size, and the gravel is automatically distributed to the hopper of its proper machine. The gravel falls through a narrow slit before a rotary blower, which drives a full blast of air against the falling gravel. The gold, being heavier, falls to the bottom of the machine, but all of the lighter gravel and sand is blown into separate compartments.

MAY DAY CELEBRATION

Labor Organizations Successfully Carry Out Program.

May Day was celebrated Friday by the different labor organizations of the city. The weather was exceptionally fine and the program was well carried out. At 2 o'clock in the afternoon the various unions formed on Granite and Mill streets, and headed by the speaker's carriage and the Sumpter brass band, marched through the principal streets of the city, breaking ranks at the Ellis Opera house, where Colonel Emmett Callahan, of Baker City, delivered the main address of the day to a large audience composed chiefly of labor unionists.

Chairman Burlison first introduced Mayor McColloch, who delivered a short address of welcome. He appealed to the labor element to apply the golden rule in the settlement of difficulties with capital which might arise.

Colonel Callahan went exhaustively into the details of the situation, reviewing the history of labor and capital past and present. He entered an encomium upon President Roosevelt, saying that he is the chief executive of the whole people. The speaker said that while he is a republican, he attributes the existence of trusts and the strife between labor

and capital to an infamous tariff system. The address was well received.

The closing feature of the day, and one of the most successful and perhaps the most enjoyable, was the ball given in the evening at the opera house by the Eagles. It was largely attended, and in every way a most pronounced success.

GOLD PRODUCTION IN 1902.

Increase Over 1901 of More Than Seven Million.

The director of the mint, Mr. Geo. E. Roberts, has issued a preliminary estimate of the gold production of the United States during the calendar year 1902. During that year this country produced gold valued at \$80,853,070, an increase over the previous year of 87,186,370. The largest production of any state in the Union is credited to Colorado, being \$27,502,429. California comes next with \$17,124,941. The Klondike yielded \$14,562,101, and Alaska, including Nome, \$7,823,793. The output of Nome alone was \$5,023,256.

The following table will show the production of gold from United States mines for the last ten years:

1893	-	-	\$35,955,000
1894	-	-	39,500,000
1895	-	-	46,610,000
1896	-	-	53,088,000
1897	-	-	57,363,000
1898	-	-	64,463,000
1899	-	-	71,053,400
1900	-	-	79,171,000
1901	-	-	73,666,700
1902	-	-	80,853,700

It seems likely that in a few years our total output of gold will reach \$100,000,000. In the year 1899 our production of gold, silver and copper were nearly equal in value. We did not stand first among the nations as a gold-producing country, being exceeded by South Africa.

Our production of the precious metal has grown at an astonishing rate. From 1792 to 1841 our total production of gold amounted only to \$21,750,000. It made a great advance in 1848 when we produced \$10,000,000 in one year. In 1849 the production rose to \$40,000,000; in 1850 it was \$50,000,000, and in 1862 it was \$60,000,000. In 1853 we had reached the \$65,000,000 mark, but the exhaustion of the California placer diggings caused a diminution of output for a number of years.

Giant Powder is the best by test in the world. T. G. Harrison agent.

Shoes of all kinds at Neill Mercantile company's.

WANTED

As fellow stockholders and associates, a few investors of good standing, the directors preferring to give such parties an inside deal rather than to spend the money in skyrocket advertising. Had it not been for the deaths of Messrs. Bradley, Wells and Metcalf, the former owners, THIS PROPERTY MIGHT TODAY HAVE HAD A RECORD OF \$10,000,000 PRODUCED, INSTEAD OF \$2,000,000, as the present workings have been carried to a vertical depth of less than 400 feet. THE PRESENT DEVELOPMENTS INDICATE THAT WITH PROPER HANDLING THE PRODUCTION MAY EASILY REACH \$180,000,000. You can judge for yourselves as to the advantages of an investment in a property of this kind, which is just on the threshold of its greatest prosperity, and in which no one has secured a dollar's worth of stock except as it has been PAID FOR (not in services, but by CASH). This is in the nature of a close corporation, made up of a few mining and business men, who do not court publicity.

To an interested party we shall be glad to send a statement of the fact with proofs. The fullest investigation is desired, and every facility will be afforded in order that you may prove the statements made.

The Sanger Gold Mining Co.
423 K, Postal Telegraph Bldg. New York.

GOLD AND SILVER ASSAYS FREE

Every Subscriber to THE MINER who pays \$2.00 for One Year in advance will be given an assay for gold and silver free. These assays will be made by

ROBBINS & ROBBINS

Whose reputation as Assayers, Mineralogists and Mining Engineers stands second to none in the Northwest.

GRIZZLY STOCK...

20,000 Shares at less than ground floor price. You can have it for 2 1/2 cents in one lump, or 3 cents in broken lots.

BEST BUY IN EASTERN OREGON

Write for particulars to

BERNARD FLYNN SUMPTER, ORE.

W. F. BURLISON

I. B. JONES

BURLISON & JONES

REAL ESTATE AND MINING BROKERS
GILT EDGE STOCKS
A SPECIALTY
AND SAFE MINING INVESTMENTS

OREGON PINE LANDS BOUGHT AND SOLD

P. O. Box 232

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 SUPERS DINING CAR SERVICE
STOPOVERS ALLOWED

For rates, folders and other information, address

M. C. M'BRIDE, Gen. Agent,
124 Third St., PORTLAND, ORE.

Mining Blanks

££

FOR SALE BY

THE SUMPTER MINER

Quartz and Placer Locations, Tunnel Claim and Water Right Locations, Proof of Labor, Affidavit of Discovery Work... .. Mining Deed, Option to Purchase, Quit Claim Deed, Lease