

## LUCKY STEMWINDER.

The Stemwinder is situated on Lookout Mountain, in the Trail Creek district of British Columbia, less than three-quarters of a mile from the Trail smelter. It is owned by the Rossland Columbia Gold Mining Company, Ltd., and incorporated under the Companies Imperial Act 1862.

The Stemwinder adjoins the Imperial on the north, from which assays ranging from \$15 to \$38 per ton were recently secured. The vein from which the assays were obtained runs directly into the Stemwinder, and has been uncovered on its ground.

The contiguity of this claim to the Trail smelter means that its output can be teamed there at a small cost, and that consequently ore from this mine can be smelted for from \$5 to \$6 per ton. The importance of this will be apparent to even the uninitiated in mining matters, when it is explained that it costs from \$9 to \$10 per ton for freight and smelting charges on all the ore that leaves Rossland. In the case of the Stemwinder the difference is saved.

Last week this property was surveyed for a Crown Grant, and the discovery was made that the claim to the north, called the Golden King, had its discovery and No. 1 posts on the Stemwinder ground. The surveyor was therefore instructed to re-locate the Golden King on behalf of the company owning the Stemwinder, which he has done, and, in addition, has staked another fraction to the south.

These two late accessions to the Stemwinder will be dealt with by the Directors of the Company, in such a way as to yield the greatest profit. Whether the Company's interest will lie in developing them or selling them outright (the proceeds to be devoted to developing the Stemwinder proper) remains to be decided. The first 50,000 shares of Treasury stock have been sold, the second block of 50,000 are now selling at 10 cents.

## A HUNDRED DIVIDENDS.

The Calumet & Hecla Mining Company of Michigan has crossed the century line in the number of dividends declared. This week's dividend makes 100 so far paid, or a total paid to its owners \$48,350,000 to date.—*Western Mining World*.

The price of shares in the Victory-Triumph has been advanced from 10 to 15 cents, development and the amount of pay ore in sight warranting this increase.

LEVELS SHOULD BE RUN ON  
A DRAIN GRADE.

In going underground in many mines it will be found that little attention has been paid to the grade of the levels and cross-cuts. If the mine is a wet one, the car tracks are often covered with mud and water on account of the levels being put in flat instead of on a uniform drain grade running toward the shaft, of say one inch in twenty feet, which the miner can correctly do by use of a grade stick and spirit level when laying the car track also. The advantage of tracks on drain grades are:

1. Water continually running, even slowly in a drain way on either side or under the car track, makes a circulation of air, and prevents accumulated decompositions from timber and rubbish which collects in levels.

2. They save the rails and sleepers from unnecessary wear and tear, thus saving the expense of repair in re-spikeing rails, which will, owing to the constant running of the cars, spring out the spikes from the wet sleepers quicker than from the dry ones.

3. There is less wear on car wheels and axles on a dry track than a wet one.

4. The carman can run a heavier load in his car down the grade, for he has no pushing to do either on a wet or dry track. With the slight grade of one inch in twenty feet, after emptying his car the exertion of pushing up the grade is no more than pushing over a flat track covered with sand and water, and the expense of keeping the drains clean is very slight.

5. Then there is the comfort and health of the men. With wet feet and damp to the knees and no general comfort they cannot get through the amount of work that could be done if their surroundings were comfortable, and free from the liability of bodily ailments, such as colds, cramps and rheumatism.—*Western Mining World*.

## BIG STRIKE IN THE MONITA.

D. J. Burke returned from a visit to the Monita this morning, and reports four feet of ore which gave an average assay of \$19.50 in the bottom of the shaft, which is down 85 feet.

The Monita is on Red Mountain and is the west extension of the War Eagle, and the owners believe that they have the same ledge. Of course, if they can demonstrate this, the Monita will make its owners rich.

For a long time the Monita and Pilgrim claimed the same surface ground, but not long since a satisfactory settlement was reached when work was resumed. It is understood that the Monita people got the big end of the settlement. The principal owners are John M. Burke, Ross Thompson, J. B. McArthur, John R. Cook and A. C. McCune.—*Rossland Record*.

## THE WAR EAGLE MINE.

A despatch from Spokane, Wash., says:—

On the day set for the meeting of the stockholders of the War Eagle to act upon the purchase of the property by the Gooderham-Blackstock syndicate, there was a large attendance.

Of 500,000 shares, 411,000 were represented in person by proxy. The first meeting was called at ten o'clock, only to adjourn in a few minutes for the purpose of allowing the secretary to tabulate the proxies. The meeting was called again at one o'clock. The general public was excluded. H. L. Brank, ex-Mayor of Butte, was made chairman.

Gooderham named \$700,000 cash as the price of the purchase, and allowed a credit of \$50,000 to stockholders. The second was the Heneage proposition of \$900,000; \$200,000 cash and the balance in forty days. The third, the Barbridge proposition of \$900,000; \$25,000 cash, one half the residue in sixty days, and the balance in ninety days; also giving 10 per cent. of stock in the new company when organized. The stockholders wrestled with the three propositions all the afternoon, and again at the night meeting. Finch, Clark and the other majority interests finally, at ten o'clock, secured a vote, resulting in the acceptance of the Gooderham proposition.

The vote stood 267,000 for Gooderham, 172,000 for Heneage, and scattering for Barbridge. A second vote was taken, authorizing the board of directors to accept Gooderham's proposition. Papers will be immediately drawn, and upon their execution the new syndicate takes possession. The minority stockholders talk about the issuance of a restraining order to prevent the carrying out of the sale. The highest War Eagle stock sold for on open market was \$1.62. The present sale allows \$1.40 per share, and an additional \$50,000 for assets and credits will increase the value to 10 or 12½ cents more per share.

## AFFECTED BY CYANIDE.

Henry Caro, metallurgist at the Meicur mill, is in the city interviewing his physician, and leaves to-day for the plant, through which ore of the value of nearly \$1,000,000 has passed. Mr. Caro, during the past few weeks, has had it demonstrated to him that in the constant handling of the cyanide of potassium he has been exposed to not a little danger, and that the system may be easily infected by it. Mr. Caro has learned that the contact of the cyanide with the acids of the stomach creates a prussic acid that insidiously makes its way into other parts of the system until the victim is overcome. This has been his personal experience, and he advises all those who are working with cyanide to exercise greater care than has been observed by them to date.—*The Salt Lake Tribune*.