

THE EDISON ELECTRIC PERCUSSION DRILL.—The Edison Electric Company gave an exhibition of the Electric Percussion Drill, on Friday last, in Quincy, which was attended by a large number of quarry owners from different quarries in Massachusetts, as well as by a large number of mine owners from Boston and Canada.

The result of the exhibition was very satisfactory indeed, and the general opinion expressed by parties well versed in such matters was, that the Electric Percussion Drill is far ahead of the Steam or Compressed Air Drill. Two steam drills, working in the same quarry, gave an excellent chance for comparison.

Although the stone in Quincy is exceptionally hard, the Electric Percussion Drill was able to drill a hole $1\frac{1}{2}$ inch in diameter, at an average rate of 24 inches per minute, with an expenditure of power less than 4 horse power, delivered to the generator. At one time the rate of drilling was as high as four inches per minute.

Among the special features brought out by this exhibition were the extreme ease with which the power could be transmitted to the drill from the generating station, and the simplicity of the machine itself.

The wires were taken from the edge of the quarry direct to the place where the drill was at work, without any further intermediate supports being needed. The distance along the wires was 350 feet; the vertical distance between the drill and the edge of the quarry 100 feet.

For the purpose of exhibiting the ease with which the machine could be taken to pieces, and the defective parts replaced by others held in reserve, the drill was several times opened and entirely taken apart; the time required for this being less than three-quarters of an hour.

It must be borne in mind that to do the same thing with a steam or compressed air drill, would require a very much longer time, owing to the fact that the different parts have to fit well together, and the joints have to be well packed. In case of accident to the last mentioned drills, they would have to be repaired by a competent mechanic, and it would be some time before they can again be used; whereas, with the electric drill, it was shown that any accident to one or the other of its parts could be remedied within three-quarters of an hour by simply taking out a defective part and dropping in another one held in reserve, as the parts of the Electric Percussion Drill are made according to standard sizes and are interchangeable.

The Edison General Electric Company is the only company which has an electric drill perfected in all details and upon the market, although several other companies have been for some time past and still are at work upon the problem. The field for this apparatus is enormous, and the Edison Co. already have orders on hand for a great many plants, and are at present rapidly increasing their force upon this class of work.—*The Financial and Mining Record.*

The February gold product both of South African and Indian fields shows improvements upon the latest previous returns.

BOUNDARIES OF MINING CLAIM.—Plaintiff and defendant owned adjoining mining lots. Defendant mined a quantity of ore on the side of his lot next to plaintiff; a corrected survey of the whole tract showed that the land from which this ore was taken was within the true lines of plaintiff's lot, and he brought forcible entry and detainer against defendant. The evidence showed that when the parties went into possession the lots were marked by stakes, and that defendant's operations had been confined to his own lot as originally staked off. These stakes were, as a matter of law, monuments which must prevail over the courses and distances of the subsequently corrected survey.

Jones vs. Poundstone, Supreme Court of Missouri, 144 S. W. Rep., 824.

A special from Victoria, B. C., tells of a very rich mine in that country. Mr. E. E. Bell, one of the owners of the Bonanza quartz mine, Cayoosh Creek, Lilloet, has arrived from Clinton. He brings news of a rich strike in the Bonanza. He brought with him several pieces of ore which are studded with gold. The government assayer gives results of an assay as follows: No. 1 slide vein, 9,360 ozs., equal to \$193,461. Broken rock and dust from drill holes, 640 1-6 ounces, or \$13,235.67 to the ton. It is unquestionably the richest find of gold quartz that has ever been reported in British Columbia. The owners of the mine had an offer to bond for \$30,000 the day before the news of the strike came, but on the arrival of samples they stopped all negotiations. The company, under present prospects, will await further development before they put any price upon the property.

IS IT ANOTHER FRAUD?—We are constantly receiving enquiries from all parts of the country asking, "Is this true?" "Will you do what you claim?" or "Is this another humbug?" We are not basing our claim for public patronage upon new and unestablished articles for which there is little or no evidence of value—but upon old standards of merit, one of which has been in use over eighty years. Generation after generation of families in the last four-score years have vouched for it. We ask no one to take our word as a guaranty of value—we have many letters on file in our office from people who have used and sold our goods in years gone by, telling of results as wonderful as any known. We should take pride in showing them to any one interested. That simple remedy, Johnson's Anodyne Liniment, has probably saved more lives and afforded more relief to the suffering than any other known remedy. It is used and recommended by all classes of people—the high and the low, the rich and the poor, the educated and the ignorant. All who become acquainted with it, experimentally, are amazed at its wonderful power, and are loud in its praise over after. It is marvellous how many different complaints it will cure or relieve. Its strong point lies in the fact that it acts quickly and effectually. This whole page would not suffice to enumerate one-quarter of the diseases and ailments—the broken, splintered and mutilated limbs; bent and stiffened limbs; jama, bruises, old sores, ugly cuts, burns, scalds, etc., which this Anodyne Liniment will positively relieve or cure. What is the trifling cost of a bottle or a half-dozen of this Anodyne, compared with the worth of a human life. Lose not a moment, but let every family be supplied. It is used as much internally as externally, many do not know this. No matter how well you know this medicine it will pay you to send to I. S. Johnson & Co., Boston, Mass., for a pamphlet, free, telling how to use the liniment economically. A tea-spoonful properly used will often do more good than half a bottle as some people use it.

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