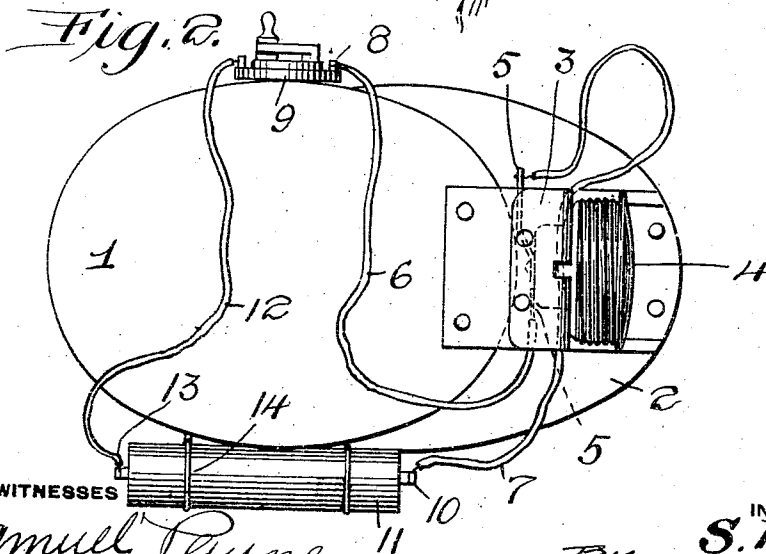
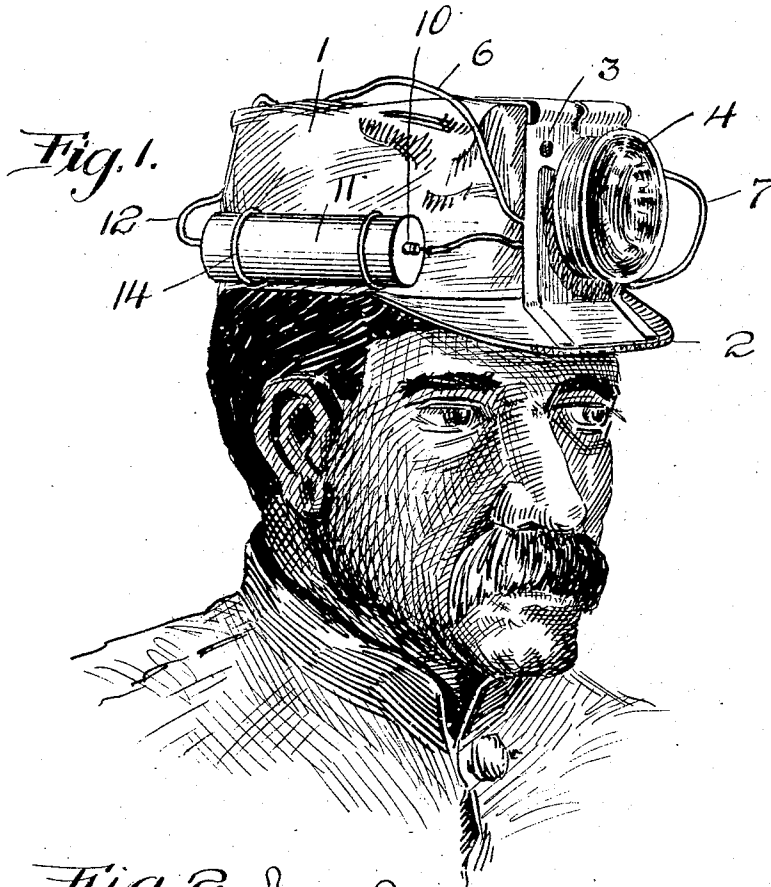


1,065,147.

Patented June 17, 1913.



WITNESSES
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UNITED STATES PATENT OFFICE.

STEVE KOROLY, OF SMITHDALE, PENNSYLVANIA.

MINER'S LAMP.

1,065,147.

Specification of Letters Patent.

Patented June 17, 1913.

Application filed January 9, 1913. Serial No. 741,087.

To all whom it may concern:

Be it known that I, STEVE KOROLY, a citizen of the United States of America, residing at Smithdale, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Miners' Lamps, of which the following is a specification, reference being had therein to the accompanying drawing.

10 This invention relates to miners' lamps, and the objects of my invention are, first, to furnish a miner's cap with an incandescent bull's-eye lamp; second to secure to a miner's cap a storage battery or suitable source of electrical energy for illuminating an incandescent lamp carried by the cap; third, to furnish a miner's cap with an electric lamp and a switch whereby the use of the lamp can be easily controlled, and fourth, to accomplish the above results by a mechanical construction that can be safely used, that is inexpensive to manufacture, and that is highly efficient for illuminating purposes in a mine, quarry or subterranean working.

With the above and other objects in view the invention resides in the novel construction, combination and arrangement of parts to be hereinafter specifically described and then claimed.

Reference will now be had to the drawing, wherein:—

Figure 1 is a perspective view of the miner's lamp as applied to a cap, and Fig. 2 is a plan of the same.

Further describing my invention in detail with reference to the accompanying drawing, wherein like numerals denote corresponding parts throughout: 1 denotes a miner's cap having a vizor 2 provided with a lamp holder 3 for a countersunk bull's-eye lamp 4.

5 denotes terminals that are electrically connected to the filament or filaments of

the lamp and connected to these terminals are wires 6 and 7. The former is connected to the binding post 8 of a switch 9 and the latter is connected to the binding post or pole 10 of a battery 11.

The switch 9 is of the ordinary and well known type for making or breaking an electric circuit, and said switch is connected by a wire 12 to another binding post or pole 13 of the battery 11. The battery 11 is of the ordinary and well known compact type used for various purposes and said battery is secured to one side of the cap by rings 14, while the switch 9 is secured to the opposite side of the cap by suitable fastening means.

It is an exceedingly easy operation for a miner to control the use of the lamp upon the cap and the source of electric energy can be easily renewed when such energy is exhausted.

What I claim, is:—

In a miner's lamp in combination, a cap, a lamp holder carried thereby provided with terminals, one of which projects from one side to the holder, an incandescent lamp supported by said holder and electrically connected to said terminals, a battery positioned at one side of the cap, a wire leading from said battery and under the holder and connected to said projecting terminal, a pair of annular members for connecting the battery to the cap, a switch secured to the other side of the holder opposite said battery, a wire leading from the battery to the switch, and a wire leading from the switch and extending under the holder and connected to the other terminals.

In testimony whereof I affix my signature in the presence of two witnesses.

STEVE KOROLY.

Witnesses:

MAX H. SROLOVITZ,
KATHERINE EVRETT.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."