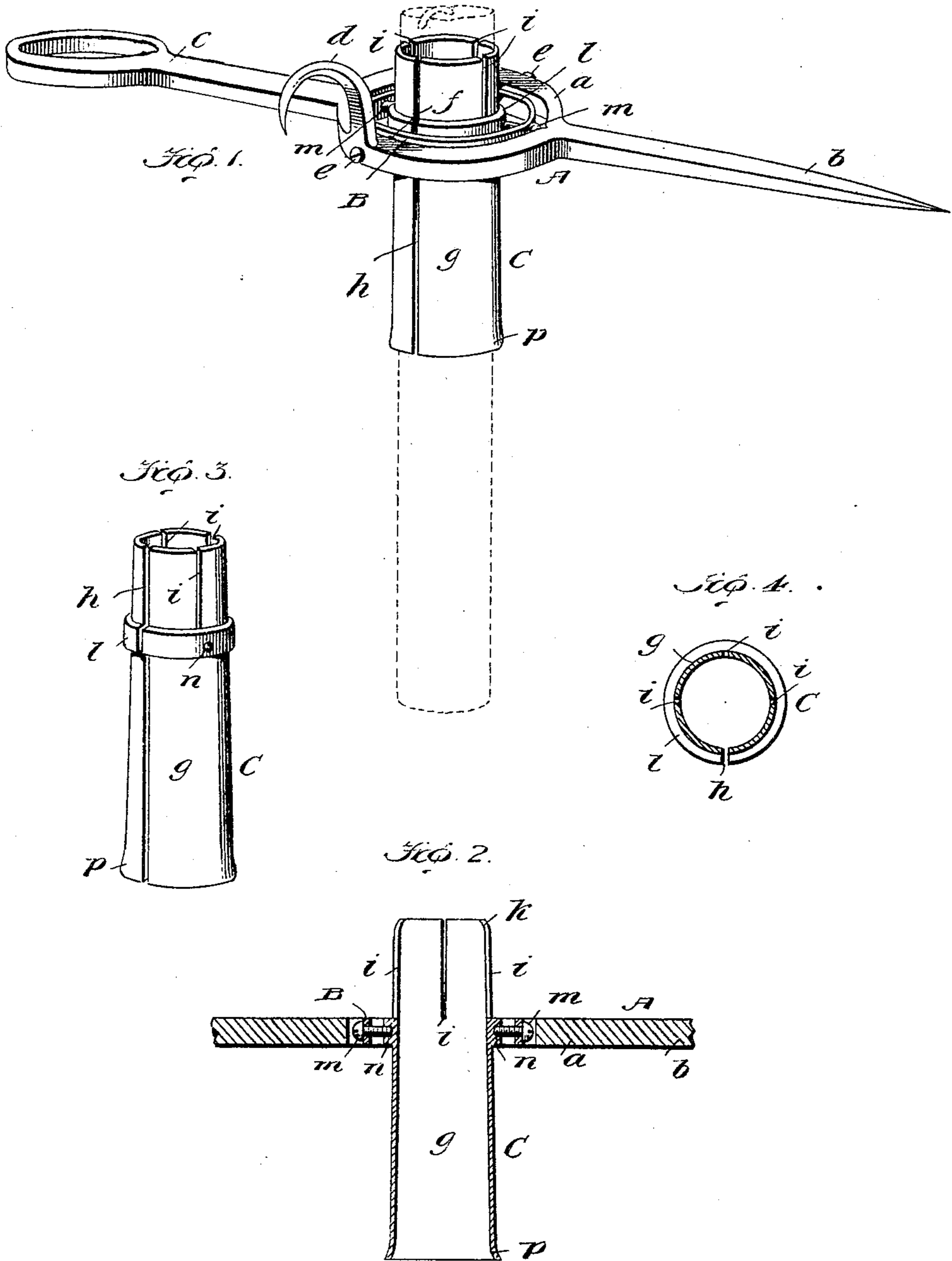


No. 824,609.

PATENTED JUNE 26, 1906.

E. L. WEED.
MINER'S CANDLESTICK.
APPLICATION FILED MAR. 20, 1906.



WITNESSES:

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MINER'S CANDLESTICK.

No. 824,609.

Specification of Letters Patent.

Patented June 26, 1906.

Application filed March 20, 1906. Serial No. 307,051.

To all whom it may concern:

Be it known that I, ELISHA L. WEED, a citizen of the United States, residing at Medford, in the county of Jackson and State of Oregon, have invented new and useful Improvements in Miners' Candlesticks, of which the following is a specification.

My invention pertains to miners' candlesticks; and its novelty, utility, and practical advantages will be fully understood from the following description and claim when the same are read in connection with the accompanying drawings, forming part of this specification, in which—

Figure 1 is a perspective view illustrating the candlestick constituting the present and preferred embodiment of my invention in working position and as holding a candle. Fig. 2 is a vertical section of the same, taken through the longitudinal center of the candlestick-body; and Fig. 3 is a detail perspective view of the tubular candle-holder, while Fig. 4 is a horizontal section of the candle-holder, taken in a plane above the rib thereof.

Similar letters designate corresponding parts in all of the views of the drawings, referring to which—

A is the body of my novel candlestick, which is preferably formed of one piece of steel or other metal suitable to the purpose of my invention. The said body is made up of an intermediate open or ring-like portion *a*, a tang or spike *b*, extending from said ring-like portion, and a handle *c*, extending from the ring-like portion at a diametrically opposite point with reference to the tang or spike, and I prefer to provide the ring-like portion with a hook *d*, this latter for the attachment of the candlestick to the hat, belt, or other piece of wearing-apparel of the miner.

B is a ring positioned in the ring-like portion *a* of the body A and pivoted at diametrically opposite points to said ring-like portion. The pivoting of the said ring B may be accomplished in any manner compatible with my invention without involving departure from the scope thereof, though I prefer to employ for the purpose screws *e*, which bear at diametrically opposite points in the body portion *a* and have their inner ends disposed in diametrically opposite seats *f*, provided in the outer side of the ring B. By virtue of this construction it will be apparent that the ring B is free to swing in the di-

rection of the length of the body A for the purpose of assisting the candle-holder in assuming an upright position, as will be hereinafter pointed out in detail.

C is the candle-holder of the device. This candle-holder comprises a tube *g*, of tin or other suitable material, tapered or gradually reduced in diameter toward its upper end and split throughout its length, as indicated by *h*, and having three (more or less) equidistant longitudinal slits *i* in its upper portion to increase the resiliency or springiness thereof and also having its upper end turned slightly inward, as indicated by *k*, so as to enable said end to better hold a candle against casual endwise movement, and a split ring or rib *l*, brazed or otherwise fixed on the tube *g*, adjacent to the lower end of the slits *i* and designed to lend stiffness and strength thereto. The said ring or rib *l* also serves for the pivotal connection of the candle-holder C to the swinging ring B, for it will be seen by reference to Fig. 1 that screws *m*, which bear in the ring B at diametrically opposite points, have their inner ends disposed in seats *n* in the said ring *l*. It will also be seen that the screws *m* are arranged midway between the points at which the screws *e* engage the ring B, and hence the candle-holder C is enabled to swing at right angles to the direction in which the ring B swings, this to enable the candle-holder to assist in the candle assuming an upright position irrespective of the angle at which the tang or spike *b* of the body A is fixed in a mine-wall or other support.

It will be gathered from the foregoing that my novel mechanism for enabling the candle-holder and candle to assume and rest in a vertical position is very simple and compact, and it will also be appreciated that by virtue of the said mechanism being arranged in the ring-like portion *a* of the body A the liability of the mechanism being injured or broken incident to rough handling of the candlestick is reduced to a minimum, which is an important desideratum.

As will be seen by reference to Fig. 1, the lower end of the tube *g* is flared, as indicated by *p*, and hence a candle may be quickly and easily introduced into the holder C from below upward. When this is done, the upward taper of the tube facilitates upward movement of the candle, and yet it will be noted that when the candle is engaged by the

portion of the tube above the ring or rib *l* it will be securely held against casual vertical movement.

In the practical use of my improvements
5 the candlestick with the candle therein is carried on the cap or other piece of apparel of the miner until the miner reaches the place desired in a drift or the like, when the candlestick is removed from the cap and its tang or
10 spike *b* is driven into the wall of the drift. Now while the candlestick is carried by the miner and while it is manipulated and driven into the wall of the drift it will be apparent that because of the mechanism within the
15 ring-like portion *a* of the body *A* the candle will rest in a vertical position, and hence is not liable to gutter or waste.

Having described my invention, what I claim, and desire to secure by Letters Patent,
20 is—

As an article of manufacture, a miner's candlestick made up of a body having an

open portion, a ring pivoted at diametrically opposite points in said open portion of the body and arranged to swing in one direction, 25 and a candle-holder arranged in the said ring and comprising a tube open at its lower and upper ends and tapered toward its upper end and split throughout its length and having
30 slits in its upper portion extending downward from its upper end and also having said upper end turned slightly inward, and a split ring fixed on the tube and pivotally connected to the first-mentioned ring at points mid-
35 way between the pivotal connections of said ring to the open portion of the body.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

ELISHA L. WEED.

Witnesses:

W. I. VAWTER,
L. V. BARR.