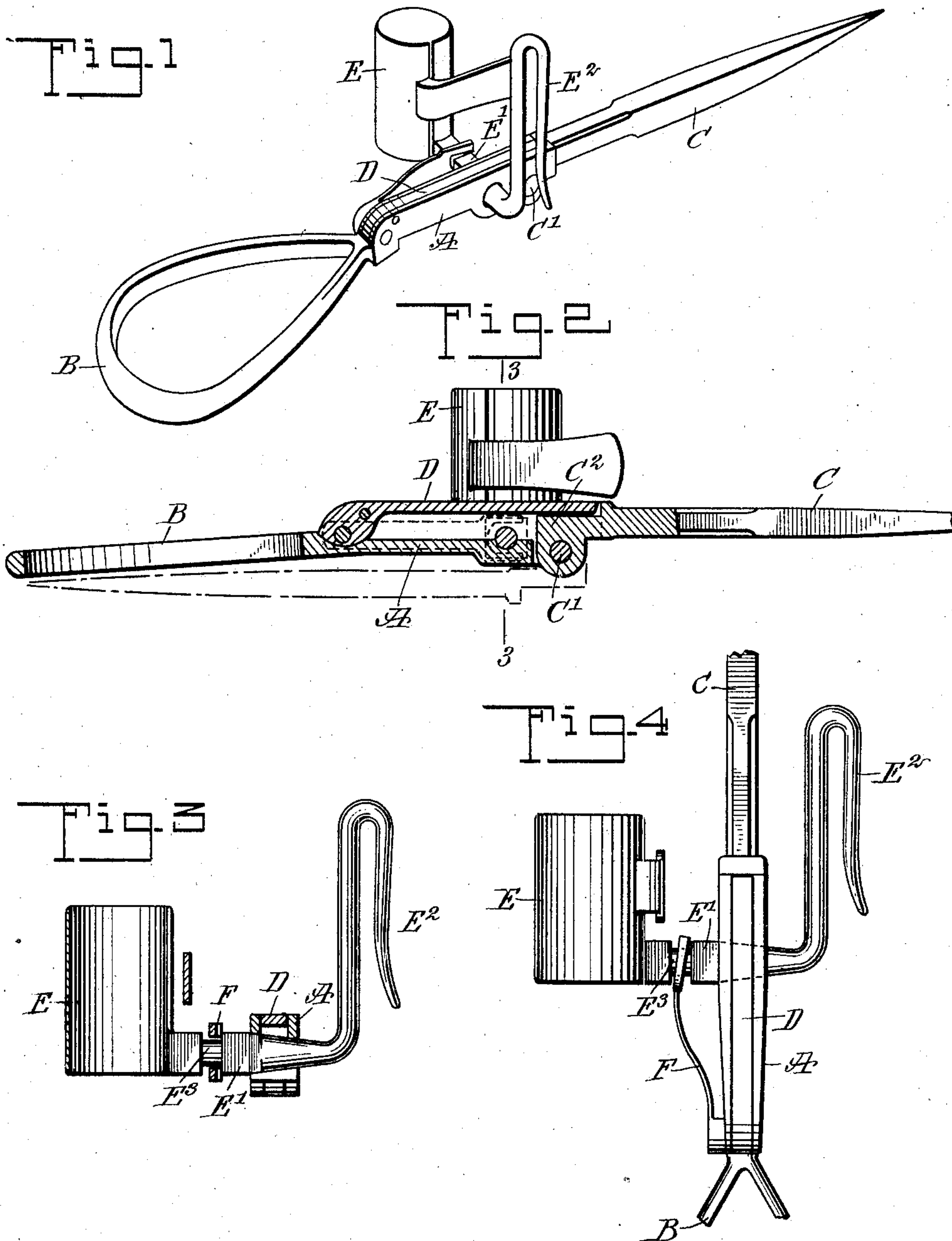


No. 859,672.

PATENTED JULY 9, 1907.

H. LAUKKA.
MINER'S CANDLESTICK.
APPLICATION FILED JAN. 10, 1907.



WITNESSES
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HENRY LAUKKA, OF VIRGINIA, MINNESOTA, ASSIGNOR TO OTTO A. POIRIER, OF VIRGINIA, MINNESOTA.

MINER'S CANDLESTICK.

No. 859,672.

Specification of Letters Patent.

Patented July 9, 1907.

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To all whom it may concern:

Be it known that I, HENRY LAUKKA, a citizen of the United States, and a resident of Virginia, in the county of St. Louis and State of Minnesota, have invented a new and Improved Miner's Candlestick, of which the following is a full, clear, and exact description.

The object of the invention is to provide a new and improved miner's candle stick adapted to be folded into a small space for conveniently carrying it in the pocket, and arranged to permit adjustment of the candle holder so that the candle is held in an upright position, whether the candle stick is attached to a wall, ceiling or floor, the adjustment also permitting of bringing the candle to the working side of a right or left-handed miner.

The invention consists of novel features and parts and combinations of the same, which will be more fully described hereinafter and then pointed out in the claims.

A practical embodiment of the invention is represented in the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of the improvement, showing the parts in position for attaching the candle stick to the wall; Fig. 2 is a longitudinal sectional elevation of the same; Fig. 3 is a transverse section of the same on the line 3—3 of Fig. 2, and Fig. 4 is a side elevation of the improvement showing the shank and holder in vertical position for the attachment of the stick to a ceiling.

The shank A of the candle stick is provided at one end with an integral handle B, and at the other end with a point C pivoted at C' to the shank A, and pressed on at its heel C² by a flat spring D attached to the shank A. By the arrangement described the point C may be readily swung into an extended, angular or folded position, the spring D holding the point C in the assumed position.

The holder E for the candle is in the form of a split tube and is provided at its base with an angular stem E' made polygonal in cross section and adapted to be seated in a correspondingly shaped seat formed transversely in the shank A. The stem E' terminates in a hook E² located on the side of the shank opposite to the one having the holder E, and the stem E' is provided with a reduced portion E³ engaged by the forked end of a spring F secured to one side of the shank A. Now by the arrangement described the spring F holds the polygonal stem E' to its seat in the shank A, thereby locking the candle holder E against turning, but when the candle holder E is pulled outwardly to disengage the polygonal stem E' from its

seat, then the candle holder can be turned to bring it into either an angular or a folded position relative to the shank A, as will be readily understood by comparison of Figs. 1 and 4. Now on turning the candle holder E the hook E² moves with it, it being understood that the hook E² is in axial alinement with the candle holder E.

By the arrangement described the point C can be readily extended or moved into an angular or a folded position, and the candle holder E for holding the candle can be turned to assume either an angular or an alined position relative to the shank A, and consequently the candle stick can be readily stuck with the point C into a wall, ceiling or floor of a mine with the candle holder E in vertical position, so as to insure proper burning of the candle. It will also be noticed that the candle holder E can be given a complete half turn from the position shown in Figs. 1 and 2, so as to allow the use of the device either for right or left-handed miners, that is, to bring the candle to the working side of the miner whether the latter is right-handed or left-handed.

The miner's candlestick shown and described is very simple and durable in construction and not liable to get out of order.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

1. A miner's candle stick comprising a shank having a handle at one end and a point on the other end, a candle holder having an angular stem formed with a polygonal portion engaging a correspondingly shaped seat on the said shank, and a spring connected to the shank and bearing on the said stem to hold the stem to its seat.

2. A miner's candle stick comprising a shank having a transversely extending polygonal seat, a candle holder having an angular stem provided with a polygonal portion adapted to be seated in the said seat, the said stem having a reduced portion, and a spring secured to the shank and having a forked end engaging the reduced portion of the stem to hold said stem to its seat.

3. A miner's candle stick comprising a shank having a transversely extending polygonal seat, a candle holder having an angular stem provided with a polygonal portion and terminating in a hook, the said polygonal portion being seated in the said seat and the said holder and hook extending on opposite sides of the said shank, and a spring for holding the said stem to its seat.

4. A miner's candle stick comprising a shank having a transversely extending polygonal seat, a candle holder having an angular stem provided with a polygonal portion and terminating in a hook, the said polygonal portion being seated in the said seat and the said holder and hook extending on opposite sides of the said shank, and a spring secured at one end to the said shank and engaging at its other end the said stem to hold the polygonal portion thereof to the said seat.

5. A miner's candle stick comprising a shank having a handle at one end and a point pivoted on the other end, a candle holder having an angular stem formed with a polygonal portion engaging a correspondingly shaped seat on

the said shank, the said stem having a reduced portion, and a spring engaging the reduced portion and holding the said stem to its seat.

- 5 6. A miner's candlestick comprising a shank having a handle at one end, a point pivoted at the other end and adapted to be extended in line with the shank, or moved into an angular or a folded position relative thereto, means for holding the point in either of said positions, the said shank having a transversely extending seat, and a candle
10 holder having a stem terminating in a hook, the said stem engaging said seat in the shank, and the said candle holder and hook extending on opposite sides of the shank, and a spring for holding the said stem to its seat, the said spring being connected with the shank and bearing on the said
15 stem.

7. A miner's candlestick comprising a shank having a

transversely extending seat, and a candle holder having an angular stem terminating in a hook and provided with a portion for engaging said seat, the said stem being capable of being turned in either an angular or an aligned position relative to the said shank, the said candle holder and hook being in axial alinement with each other and extending on opposite sides of the said shank, the said stem having a reduced portion, and a spring having a forked end engaging the reduced portion of the stem to hold the stem
20 to its seat. 25

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

HENRY LAUKKA.

Witnesses:

- JACOB KANDELIS,
J. I. MOELL.