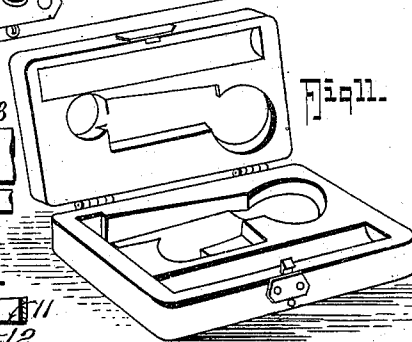
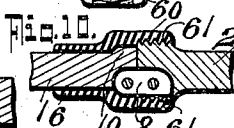
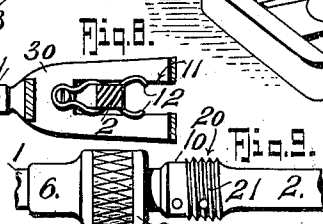
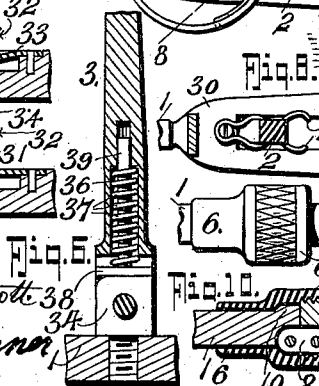
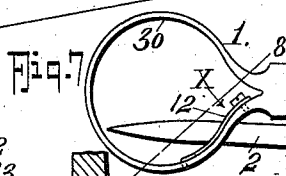
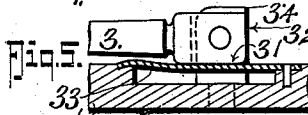
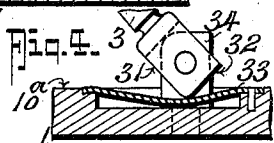
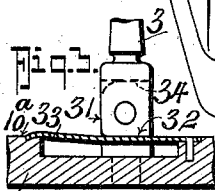
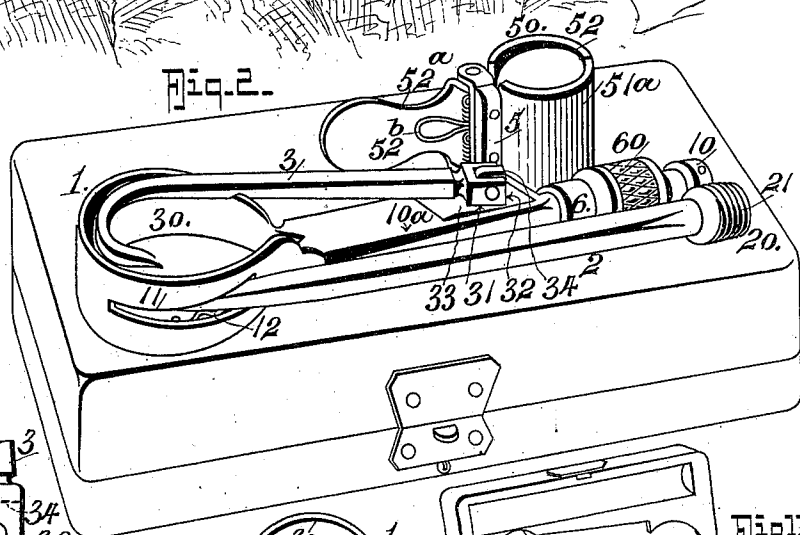
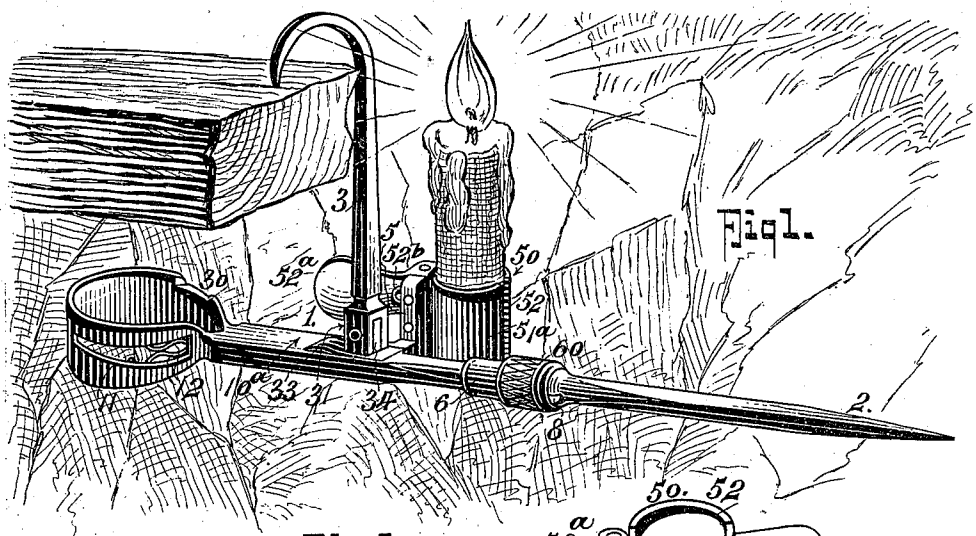


H. D. BUYS.
MINER'S CANDLESTICK.
APPLICATION FILED MAR. 20, 1911.

996,308.

Patented June 27, 1911.



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HENRY D. BUYS, OF EMMETT, IDAHO.

MINER'S CANDLESTICK.

996,308.

Specification of Letters Patent. Patented June 27, 1911.

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To all whom it may concern:

Be it known that I, HENRY D. BUYS, residing at Emmett, in the county of Canyon and State of Idaho, have invented a new and Improved Miners' Candlestick, of which the following is a specification.

My invention relates to improvements in that type of miners' candle sticks in which the candle holder is mounted on the spike or support adapted to be readily attached to the wall, floor or ceiling of the mine, for holding the candle to suit the desires and requirements of the miner.

My invention generally comprehends an improved construction of candle stick of the character stated, and relates more particularly to certain features thereof, especially designed for conveniently gripping candles of different sizes, for positively holding the several parts to the outer or extended position when in use, and for affording a convenient means, whereby the device may be carried.

In its more specific nature, my invention embodies the peculiar construction and novel arrangement of parts, all of which will be hereinafter fully explained, specifically pointed out in the appended claims and illustrated in the accompanying drawing, in which:

Figure 1, is a perspective view that shows my improved candle stick extended and as in use. Fig. 2, is a view of the same folded up for being readily put into a carrying case. Fig. 3, is a detail view of the hinged end of the hook and shows the manner it is held spring clamped to its extended position. Figs. 4 and 5, are similar views that show how the hook is adjusted to and held clamped to its folded position. Fig. 6, is a vertical section of the hinged end of the hook and shows a modified means for holding it to its extended and folded positions. Fig. 7, is a plan view of the ring or handle end of the stick. Fig. 8, is a cross section thereof looking in the direction of the arrow X taken on the line 8—8 of Fig. 7. Fig. 9, is a side elevation showing the hinged joint of the spike and the locking sleeve, the latter being at the "release" position. Fig. 10, is a section of the said parts, the sleeve being at the "locked" position. Fig. 11, is a perspective view of a carrying case for my construction of candle holder when it is folded up.

In its practical arrangement, my im-

proved candle stick comprises a body formed of a main or handle section 1 and an outer or spike portion 2, the adjacent ends of which each have an annular enlargement 10—20, and one of them, preferably the one 20 on the spike end, is externally threaded as at 21, and the said adjacent ends are joined by a link 8, best shown in Figs. 9 and 10 and hereinafter again referred to.

3 designates the usual hook member and it, in my construction of candlestick, is hinged to the flat side 10^a of the handle or body portion 1 to fold in a plane parallel therewith. The hinge end of the hook has a heel or butt formed with two flat bearing faces 31—32 disposed at right angles to each other and the said faces are provided for engaging a spring bearing 33 riveted to the flat side of the handle adjacent bracket 34 on which the heel end of the hook is pivotally mounted.

By mounting the hook 3 in the manner stated, it is obvious that in either the extended position when at right angles to the handle part 1 for suspending the candle stick from a post or an overhead hanger, or when folded down flatwise on the said handle 1 either of the flat parts of the heel is held in frictional contact with and under pressure of the spring 33, in the manner shown in detail in Figs. 4 and 5.

The handle end of the body portion 1 is shaped to form a loop or ring 30 that provides for an easy grip of the candle stick when pushing the spike end into a wall or other place, and the said ring has a slot 11 at one side for receiving the pointed end of the spike when the parts are folded, as in Fig. 2, and for holding the said spike end to the folded position, a claw-like spring 12 is secured on the inside of the ring and in such manner that the spike end closes into the clamp 12, see Figs. 7 and 8.

5 designates a bracket integral with the body portion 1 and which projects at right angles therefrom, and is formed with a bearing for a candle holder 50, the latter being disposed in a plane parallel with the said body portion 1. The holder 50 comprises two semi-circular jaws formed of spring metal, one of which 51^a is fixedly connected to the bracket 5, while the other 52 is hingedly joined thereto, whereby to close against the member 51^a, and it has a finger member 52^a so arranged that in gripping the handle of the device the hand that grips the said

device can readily press on the finger member 52^a and thereby open the holder 50 to suit the size of the candle being inserted, a spring 52^b being suitably mounted on the bracket 5 for engaging the member 52^a to normally bring it to its closed position.

For holding the hinged member of the spike to the open or extended position, a union coupling is provided which consists of a sleeve 6 that is slidably mounted on the shank of the handle portion 1 and is provided with a socket head 60 internally threaded as at 61 for screwing on the threaded end of the hinged spike end, see Fig. 10. Instead of providing the hinged bearing for the hook 3, as shown in Figs. 3, 4 and 5, the said hook end may have a socket 36 for receiving a coil spring 37 that engages the head 38 of a plunger pin 39, see Fig. 6, from which it is apparent that in turning the hook 3 to either of the positions the said head 38 frictionally engages the edges of the bracket 34 and thereby holds the hook firmly to its different set positions.

From the foregoing taken in connection with the drawings, the complete construction, the manner in which my invention is used and its advantages will be readily apparent.

When folded it may be conveniently carried in the pocket or in a case, such for example as shown in Fig. 11 in which the internal structure is especially provided for a snug fitting therein of the device, when folded as in Fig. 3.

What I claim is:—

1. A miners' candle stick comprising a shank formed of two sections alinably hinged to fold upon each other, a combined union and lock device freely movable on one section and adapted to thread onto the other section when said section is swung out into the operative position and a candle holder mounted on one of the sections.

2. A folding miner's candle stick comprising a body formed of two sections, one of which has a loop handle, the other has a spike shape, and a link hinge that joins the two sections so they can be folded against each other or extended in longitudinal aline-

ment, one of the sections having an annular head provided with external threads, and a sleeve slidable on the other section and having an internal thread for engaging the thread on the opposing body portion.

3. In a folding candle stick, the combination of a body formed of a handle section having a hand loop bent down from the shank of said section, a spike section, the two sections having their meeting ends formed with annular collars, the collar on one section being externally threaded, a hook pivotally mounted on the handle portion of the body to swing in a plane parallel therewith and with its hook end over the hand loop of the body, a link that pivotally joins the two sections so the outer or spike end is backwardly foldable over the loop of the handle portion and in a plane below the swing movement of the hook, a candle holder on the handle section of the shank, and a combined union and lock coupling slidable in one of the sections and having threaded means to engage the threads in the hinged member, as set forth.

4. A folding candle stick comprising a body formed of two sections, one of which forms a handle member, and the other a spike, a candle holder on the handle member, a link hinge that joins the handle and spike members, means for locking the two members to their extended positions, and other means on the handle for holding the spike end to its folded back position.

5. In a folding candle stick, a body formed of two sections, one of which forms a handle member and the other a spike, a hinge connection that allows the spike member to fold back flat against the handle member, said handle member having a seat for receiving the spike end, adjustable means for holding the two sections to their extended positions and a spring formed on the handle member that coöperates with the seat in the said handle for gripping the spike end when the latter is folded back into the said seat.

HENRY D. BUYS.

Witnesses:

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W. T. CROUCH.