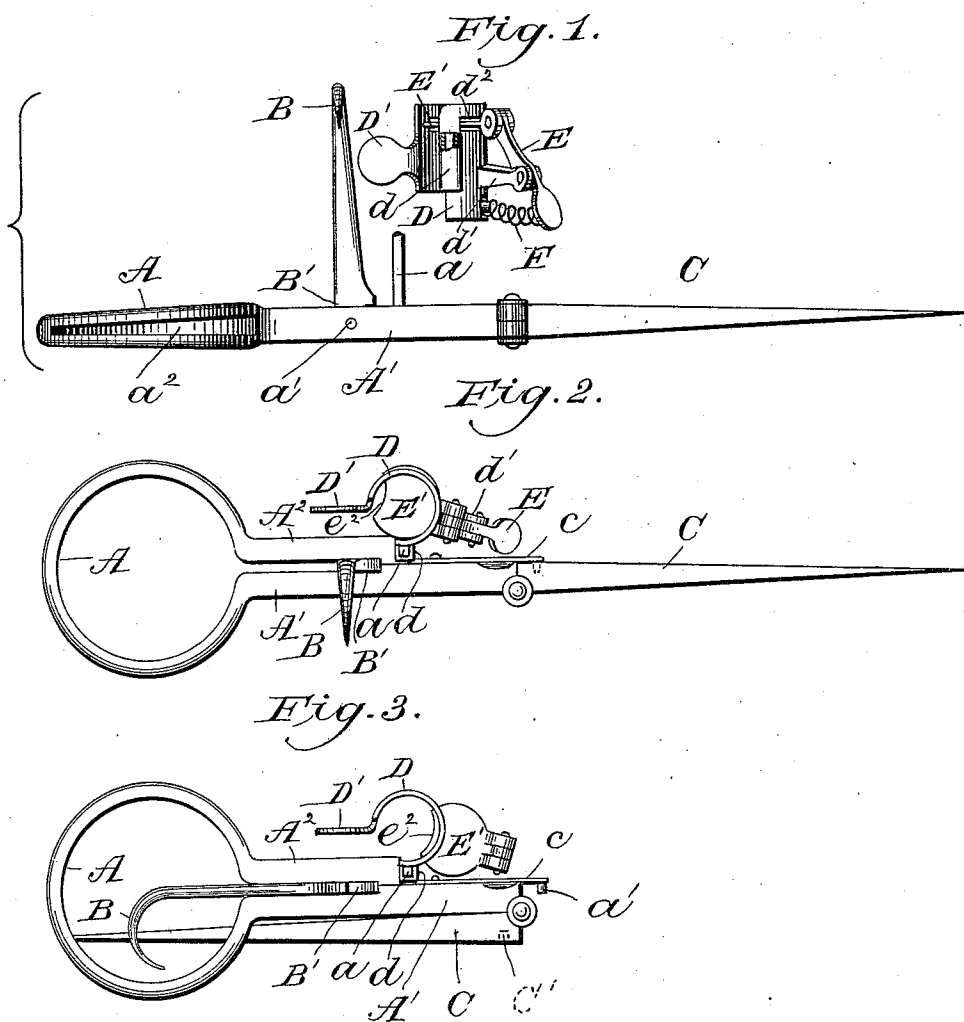


(No Model.)

F. MUENGER.
MINER'S CANDLESTICK.

No. 471,998.

Patented Mar. 29, 1892.



Witnesses:

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UNITED STATES PATENT OFFICE.

FREDERICK MUENGER, OF HILL CITY, SOUTH DAKOTA.

MINER'S CANDLESTICK.

SPECIFICATION forming part of Letters Patent No. 471,998, dated March 29, 1892.
Application filed May 2, 1891. Serial No. 391,365. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK MUENGER, of Hill City, in the county of Pennington and State of South Dakota, have invented certain new and useful Improvements in Miners' Candlesticks; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specification, in which—

Figure 1 is a side view of my improved miner's pocket folding candlestick, the candle holder and extinguisher being shown detached from the support. Fig. 2 is a plan view of the same opened. Fig. 3 is a similar view of the parts folded.

This invention is an improved pocket or folding candlestick and candle holder and extinguisher for miners; and it consists in the novel construction and combination of parts, as will be hereinafter clearly described and claimed.

Referring to the drawings by letters, the handle or body of the holder is formed of a metal rod bent upon itself, its bend being expanded into an annulus or ring A, while its ends A^1 A^2 extend parallel with each other, forming a tang or shank to the ring proper. The end A^1 of the rod is longer than end A^2 , and on the extremity of end A^2 is an upstanding finger a , preferably angular in cross-section, and to which the candle-holder proper is attached. B designates a suspending-hook, the shank B' of which is pivoted between the ends A^1 A^2 of the rod on a rivet a' , which also serves to connect the ends of the rod together. The hook B can be turned down so that its point lies within annulus A, or it can be turned up at right angles to the handle to suspend the same, as usual. To the extremity of end A^1 is hinged or pivoted one end of a spur-rod C, which can turn laterally or in the plane of the annulus and which has a notch or recess C' , one end of which when the spur is turned in line with end A^1 is engaged by a tooth or catch a' on a spring c , attached to end A^1 , thus locking the spur, which then forms a longitudinal extension of the end A^1 and can be forced into the bank or wall to support the device, as usual. The spur can be released and turned inward until its point rests within

a slot a^2 in the side of annulus A, as indicated in the drawings, in which position the point is sheathed. If desired, a lamp or oil-cup 55 could be supported in the annulus.

D designates a short metal split cylinder of sufficient diameter to receive an ordinary candle and clamp the same. It is provided with a finger-piece D' at one side, by which it can be spread open to insert the candle. At the other side it has a small tube or socket d , adapted to fit upon the finger a of the handle, thereby supporting the cylinder on the handle so that the candle stands at right angles 65 thereto.

E designates an oscillating thumb-lever pivotally connected to the end of a stud d' , attached to the side of cylinder D, and having its upper end pivotally connected to a shield E' , which plays through a slot d^2 in the upper end of cylinder D and can be projected therein or retracted, as shown.

F designates a coiled spring interposed between the lower end of lever E and the cylinder 75 and acting to force shield E' inward. This shield is adapted to close the cylinder, and its inner edge is preferably slightly concaved, as at e^2 , to bear against the candle. When the candle is placed in the holder, 80 (cylinder D,) shield E' is retracted, but bears against the side of the candle and assists in keeping the candle in place. When the candle burns down into the cylinder or about level with shield E' , the latter is forced inward by 85 the action of spring F and effectually extinguishes the candle. As the holder can be easily removed from the handle, as indicated in Fig. 1, the candle does not have to be detached therefrom during transportation of the 90 parts and the candle and holder can be folded into small compass.

The laterally-swinging spur is very advantageous. By it the candle can be shifted laterally without detaching the holder from the 95 device in which it is inserted and by it the holder can be secured where a straight stem could not be used; also, the candle can be set in close to the wall. When folded, the spur-point is less liable to catch in the pocket and 100 is less cumbersome.

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

1. A candlestick-holder consisting of a handle having an annulus slotted in one side, a tang projecting from said annulus, and a laterally-swinging spur hinged to the extremity of the tang and adapted to be folded so that its point enters the slot in said annulus, substantially as set forth.
2. A candle-support consisting of a rod bent upon itself so that its bend forms an annulus and its ends a shank or tang, the shortest end of the rod having an upstanding finger upon which the candle-socket may be placed, in combination with a hook pivoted between the ends of the rod, a laterally-swinging spur hinged to the extremity of the longest end of the rod, and a catch for holding said spur when extended, substantially as specified.
3. The combination of the handle having an upstanding finger and a laterally-swinging spur hinged to the handle, with a candle-holder consisting of a split cylinder having a socket on one side to engage said finger and a horizontal slot in its top, a shield cut-off having a concaved inner edge playing in said slot, a thumb-lever pivoted on a stud attached to said cylinder and pivotally connected at one end to said shield, and the spring for actuating said lever, substantially as and for the purpose described.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

FREDERICK MUENGER.

Witnesses:

H. J. NISSEN,
P. E. MCCANN.