

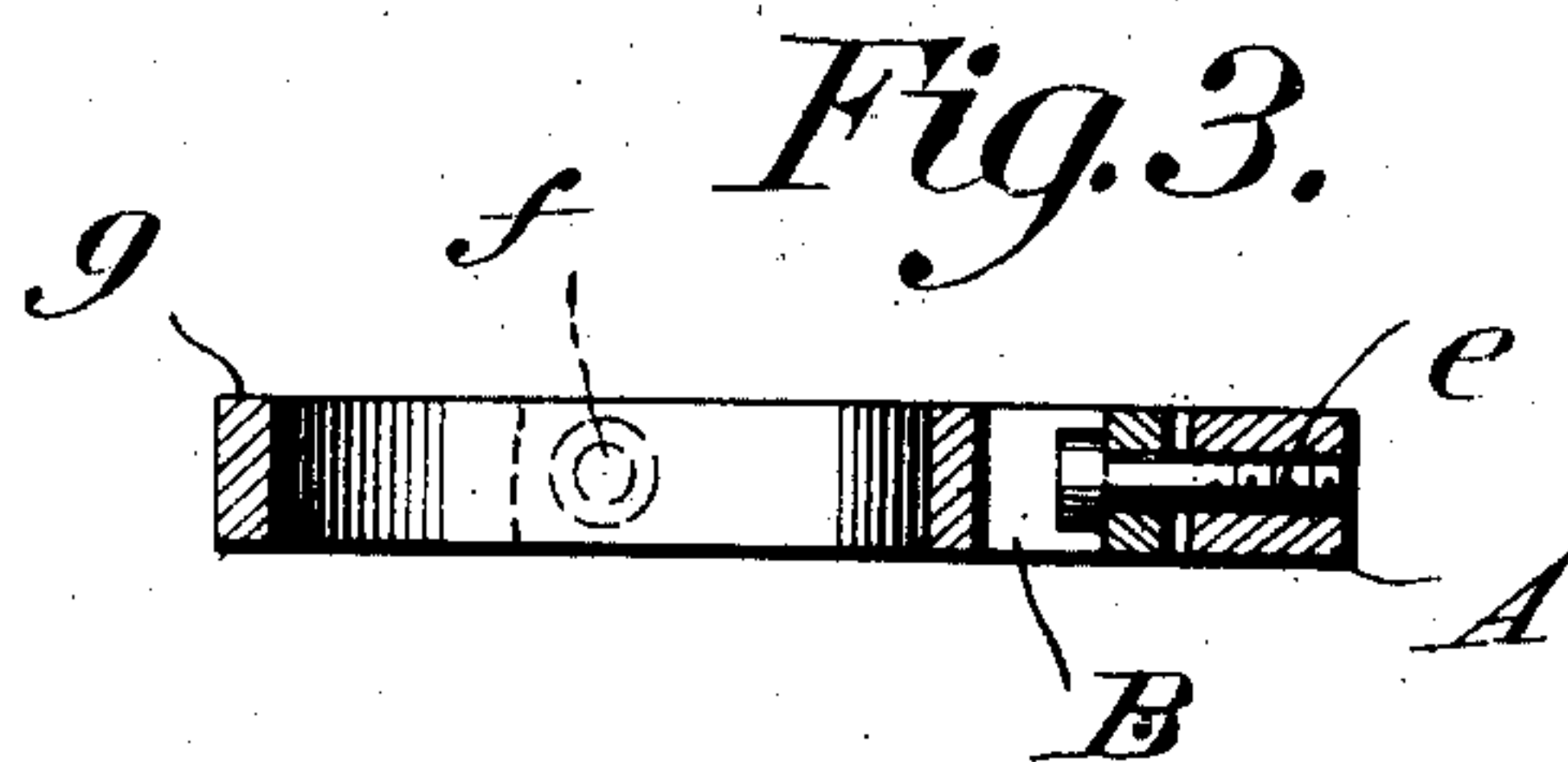
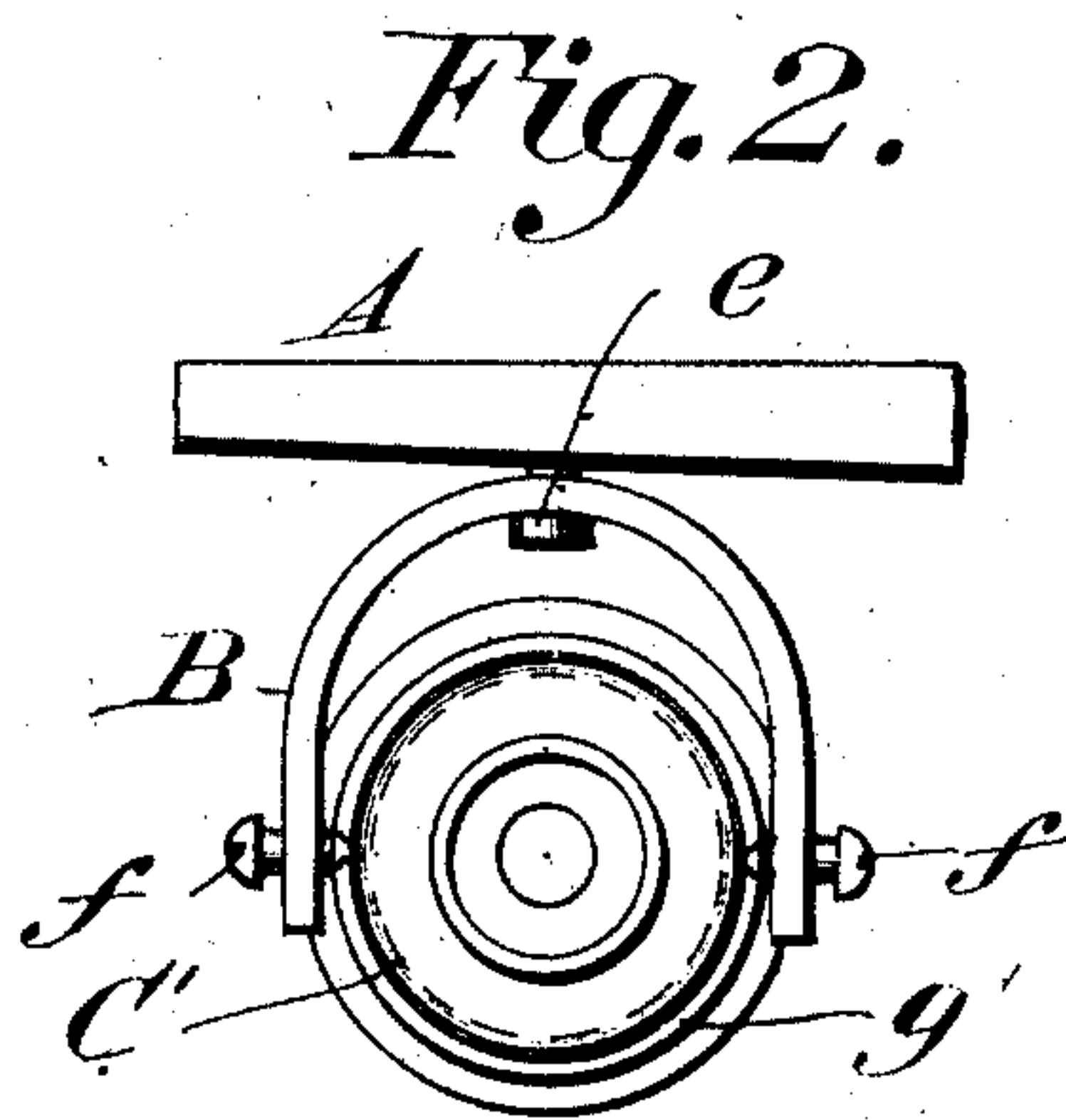
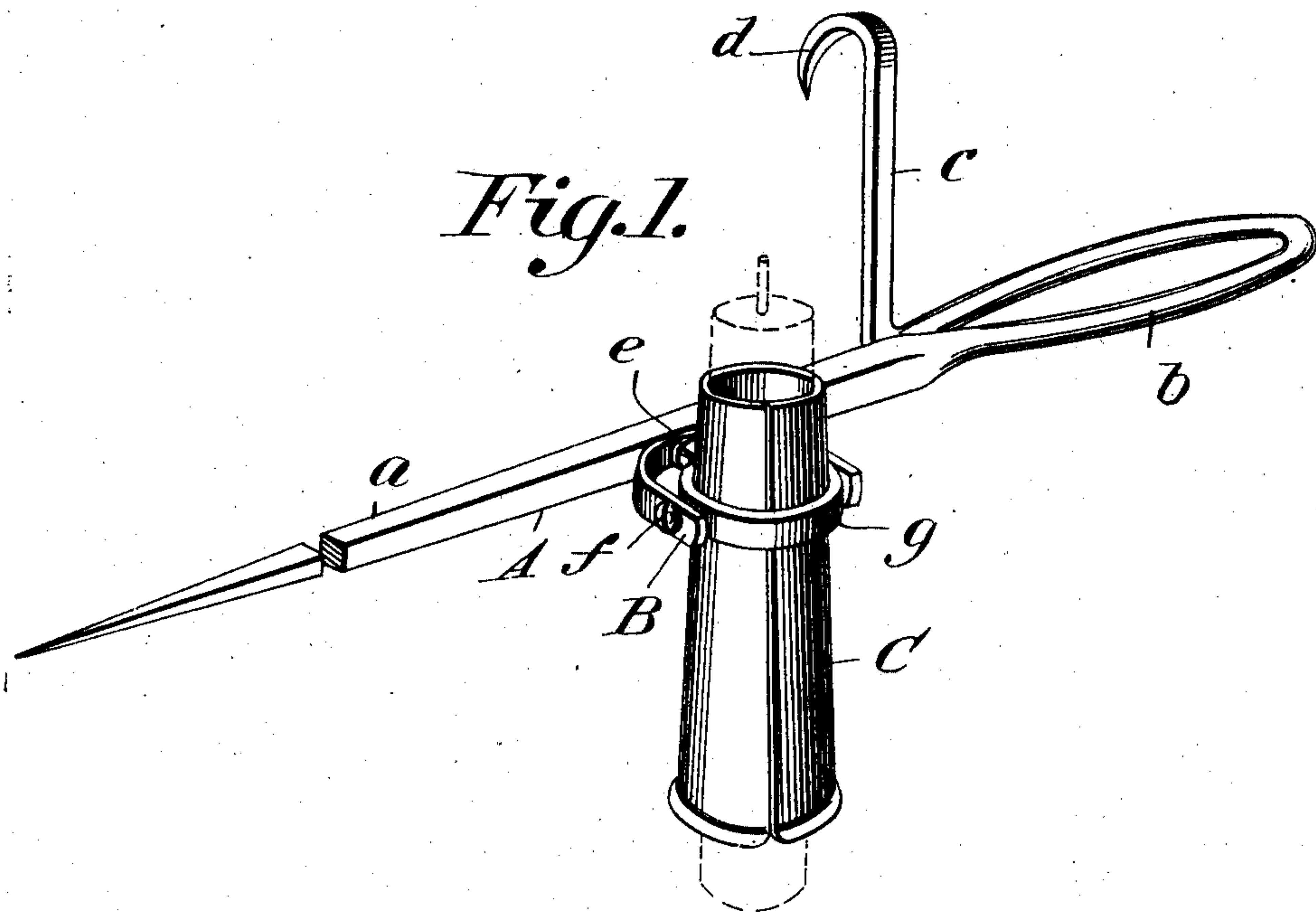
No. 883,307.

PATENTED MAR. 31, 1908.

M. M. GAULT & J. L. STOCKBRIDGE.

MINER'S CANDLESTICK.

APPLICATION FILED AUG. 5, 1907.



Witnesses

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UNITED STATES PATENT OFFICE.

MILTON M. GAULT, OF MEDFORD, AND JANIE L. STOCKBRIDGE, OF PORTLAND, OREGON.

MINER'S CANDLESTICK.

No. 883,307.

Specification of Letters Patent.

Patented March 31, 1908.

Application filed August 5, 1907. Serial No. 387,096.

To all whom it may concern:

Be it known that we, MILTON M. GAULT and JANIE L. STOCKBRIDGE, citizens of the United States, residing at Medford, in the county of Jackson, and Portland, in the county of Multnomah, both in the State of Oregon, have invented new and useful Improvements in Miners' Candlesticks, of which the following is a specification.

Our invention has relation to miners' candlesticks; and it contemplates the provision of a device of that kind which is extremely simple and inexpensive, and, at the same time, is durable and highly efficient in holding a light-affording medium in an upright position irrespective of the body of the device relative to a wall of a mine.

With the foregoing in mind, the invention will be fully understood from the following description and claim when the same are read in connection with the drawings, accompanying and forming part of this specification, in which:

Figure 1 is a perspective view showing our novel device as provided with a candleholder. Fig. 2 is a detail plan view illustrating the device as equipped with a lamp. Fig. 3 is an enlarged detail section taken through the connection between the body and the swinging carrier.

Similar letters of reference designate corresponding parts in all of the figures of the drawings.

Our novel device consists essentially of a body A, and a swinging-carrier B for a light-affording medium.

The body A is formed of a continuous piece of steel which at its thickest portion is about one-fourth of an inch square; and said body comprises a straight portion *a* tapered to a point at its outer end to form a spike, a handle *b* formed by a loop extending from the inner end of the straight portion *a* and lying in the same plane as said straight portion, and a shank *c* extending upward at a right angle from the inner end of handle *b* and terminating in a downwardly disposed hook *d*. The handle *b* is reduced, as compared with the inner end of the straight portion *a*, to render the device light, and is preferably rounded in cross-section, as shown, so as to form a comfortable hand grasp. It will also be noticed that adjacent to the point where the handle *b* merges into the shank *c*, the said handle approaches and lies close to the inner end of the straight portion *a*, this being ad-

vantageous since it contributes to the stiffness and strength of the body A as a whole.

The carrier B is of general U-shape, is arranged at the opposite side of the straight portion of body A, with reference to the shank *c* and hook *d*, and is pivotally connected to said straight portion of the body A so as to swing in the direction of the length thereof; the pivotal connection being preferably effected by a headed pin *e* which extends loosely through the middle of the carrier and is threaded into or otherwise fixed to the body A, Fig. 2. Adjacent to its ends, the swinging carrier B is provided with screws *f*, and when a candle holder C is employed, as shown in Fig. 1, the said screws are seated in opposite depressions in a band *g* on the holder, this in order to enable the holder to swing at a right angle to the direction in which the carrier B swings so that the holder can assume an upright position irrespective of the angle at which the spike of the body is driven into a mine wall. When a lamp C' is employed, as shown in Fig. 2, the screws *f* of carrier B are turned into opposite depressions in a band *g'* on the neck of the lamp.

The hook *d* of our device is designed to serve the usual purpose of hanging the device from a belt or other article on the person of a miner.

It will be appreciated from the foregoing that while simple and adapted to be made and sold with profit for a small price, our novel device is at once durable and efficient in maintaining a light-affording medium in an upright position.

We are well aware that it is old in a campaign torch to combine a handle, a bifurcate frame pivoted on the upper end of the handle and arranged to swing horizontally thereon, and a lamp pivoted in the bifurcate frame and arranged to swing vertically or at a right angle to the direction of movement of said frame, and we therefore make no claim to such construction.

What we claim and desire to secure by Letters-Patent, is:

1. As a new article of manufacture, the device described made up of a body adapted to be arranged horizontally or in an approximate horizontal position in the wall of a mine; the said body being formed of a continuous bar and comprising a straight end portion tapered to a point at its extremity, a loop-shaped handle extending from the inner

end of the straight portion and lying in the same plane as said portion, and a shank resting close to the inner end of the straight portion and extending upward from the inner end of the handle and terminating in a downwardly disposed hook, a horizontal pin *e* fixed to and extending laterally from one vertical side of the straight portion of the body, at an intermediate point in the length thereof, and having a head at its outer end, a U-shaped, horizontal carrier B having its loop portion pivoted on the pin *e* and confined between the head thereof and the straight portion of the body, whereby it is enabled to swing vertically at one side of the body, and a holder for a light-affording medium, arranged in the open side of the carrier B and pivoted between the end portions of the carrier and arranged to hang from the carrier at the side of the straight portion of the body and to swing vertically in the carrier at a right angle to said straight portion of the body.

2. The herein described device consisting essentially of a body formed of a continuous bar and comprising a straight portion tapered to a point at its outer end, a loop-shaped handle extending from the inner end of the straight portion and lying in the same plane as said straight portion, and a shank

extending upward from the inner end of the handle and terminating in a downwardly-disposed hook, a horizontal pin *e* fixed to and extending laterally from one vertical side of the straight portion of the body, at a point considerably in advance of the loop-shaped handle, and having a head at its outer end, a U-shaped carrier B pivoted at its middle on the pin and confined between the head thereof and the straight portion of the body, whereby it is enabled to swing vertically, and open at its side remote from the straight portion of the body, and a holder for a light-affording medium, pivoted between the end portions of the carrier and arranged to swing vertically in the carrier and at a right angle to the direction of the swinging movement of said carrier.

In testimony whereof we have hereunto set our hands in presence of two subscribing witnesses.

MILTON M. GAULT.

JANIE L. STOCKBRIDGE.

Witnesses to signature of M. M. Gault:

F. M. STEWART,

C. W. TURPIN.

Witnesses to signature of Stockbridge:

F. I. GOLLEHIER,

E. F. ALLSHAW.