

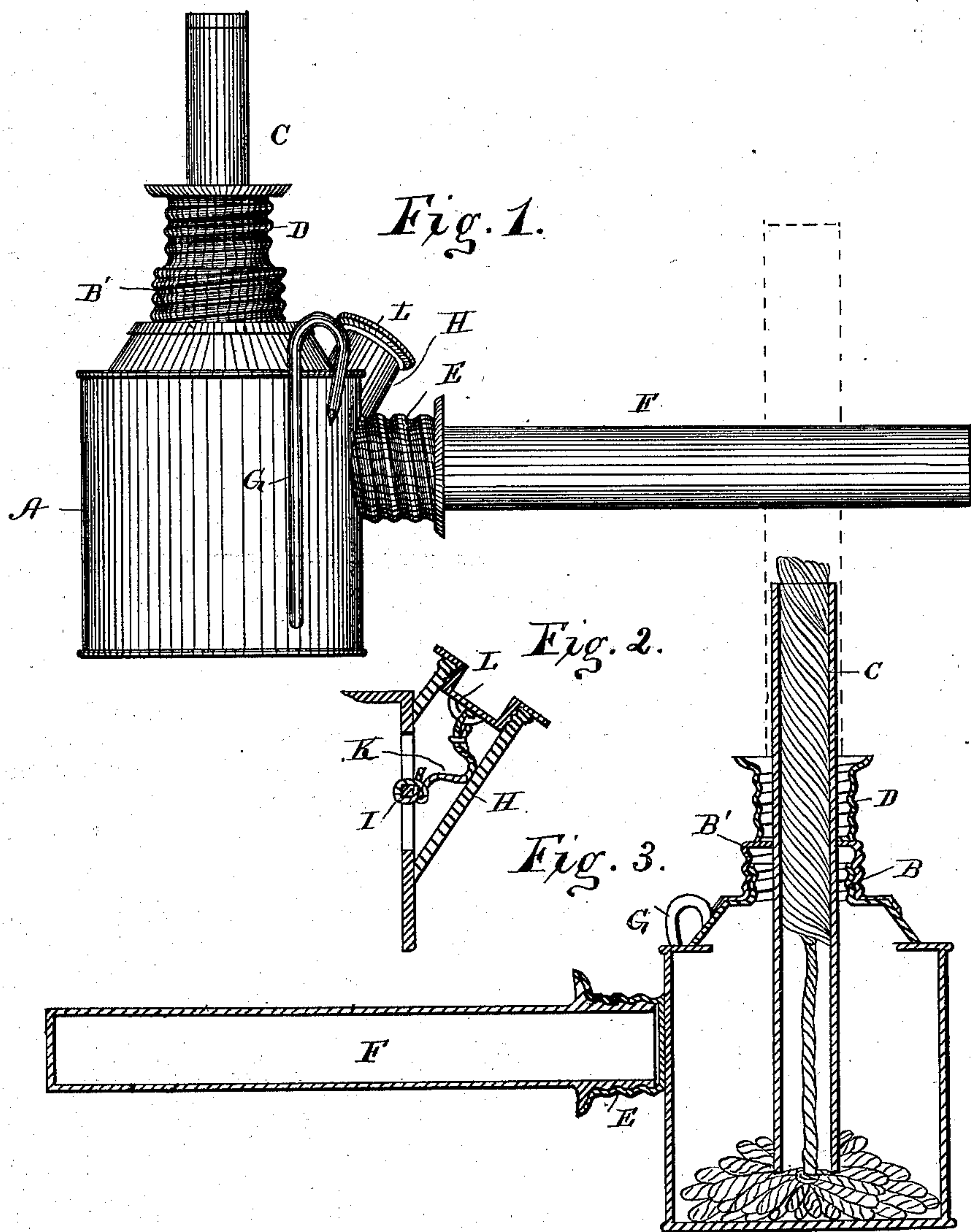
(Model.)

D. D. WILLIAMS.

MINER'S LAMP.

No. 252,284.

Patented Jan. 10, 1882.



Witnesses,

Edwin L. Jewell,

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By C. M. Alexander,  
his Atty.

# UNITED STATES PATENT OFFICE.

DAVID D. WILLIAMS, OF WILKES-BARRÉ, PENNSYLVANIA.

## MINER'S LAMP.

SPECIFICATION forming part of Letters Patent No. 252,234, dated January 10, 1882.

Application filed August 16, 1881. (Model.)

*To all whom it may concern:*

Be it known that I, DAVID D. WILLIAMS, of Wilkes-Barré, in the county of Luzerne, and in the State of Pennsylvania, have invented certain new and useful Improvements in Miners' Lamps; 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, making a part of this specification.

This invention relates to certain improvements in lamps, and is specially designed as a miner's lamp; and it has for its objects to produce a lamp that may be conveniently carried by hand or attached to the miner's hat, and when not in use carried in the pocket without danger of spilling. These objects I attain by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 represents a side elevation of my improved lamp; Fig. 2, a detached sectional view of the filling-tube, and Fig. 3 a vertical sectional view of the lamp.

The letter A indicates the body of the lamp, which is provided with a screw-threaded tube, B, at its top, upon which the screw-threaded cap B', which carries the wick-tube C, is adapted to be secured. The cap B' is provided with a tubular extension, D, which surrounds the wick-tube, and is internally screw-threaded, for the purpose hereinafter described.

At one side the body of the lamp is provided with a short screw-threaded tube, E, in which is adapted to be secured the screw-threaded end of the tube F, which serves as a handle to the lamp.

The letter G indicates a hook secured to the lamp-body, by means of which the lamp may

be handled; and the letter H indicates a filling-tube provided with a cross-bar, I, to which is secured one end of a cord or chain, K, to the other of which is attached a screw-cap, L, by means of which the tube may be closed. The wick is so arranged in the wick-tube and bottom of the lamp, as indicated in the drawings, as to pack around the lower end of the wick-tube and prevent the oil from rising too freely in said wick-tube.

The handle, when the lamp is not in use, is placed over the wick-tube and screwed in the threaded extension surrounding said tube, thus forming a cap for the same, and preventing the fluid from spilling when the lamp is not in use.

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

1. In combination with the lamp-body and its removable screw-threaded handle, the cap secured thereto, and provided with a screw-threaded extension surrounding the wick, into which the handle is adapted to be screwed to serve as a cap for the wick-tube, substantially as specified.

2. In combination with the body of the lamp, having the tube E and cap B' and its extension D, the detachable screw-threaded handle, adapted to be attached to the lamp-body or secured to the wick-tube, as desired, substantially as and for the purposes specified.

In testimony that I claim the foregoing I have hereunto set my hand this 17th day of June, 1881.

DAVID D. WILLIAMS.

Witnesses:

RICHD. J. WILLIAMS,  
E. L. EVANS.