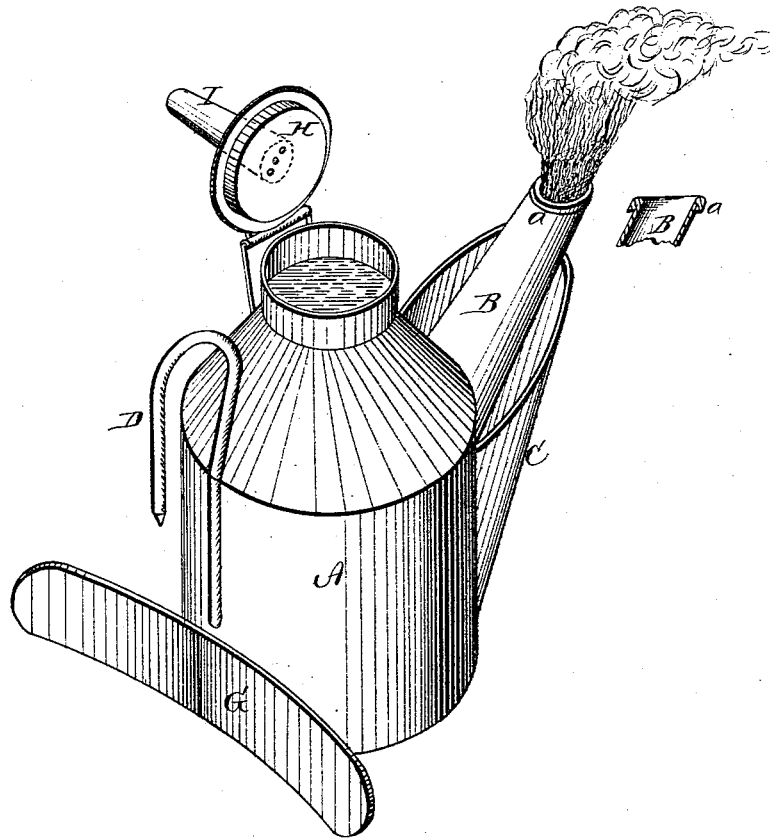


W. EYNON & R. C. COOK.

Miners' Lamp.

No. 167,323.

Patented Aug. 31, 1875.



WITNESSES

L. Durand
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UNITED STATES PATENT OFFICE.

WILLIAM EYNON AND RICHARD C. COOK, OF HYDE PARK, PENNSYLVANIA.

IMPROVEMENT IN MINERS' LAMPS.

Specification forming part of Letters Patent No. **167,323**, dated August 31, 1875; application filed March 17, 1875.

To all whom it may concern:

Be it known that we, WILLIAM EYNON and RICHARD C. COOK, of Hyde Park, in the county of Luzerne and in the State of Pennsylvania, have invented certain new and useful Improvements in Miners' Lamps; and 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.

The nature of our invention consists in the construction and arrangement of a miner's lamp, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which our invention appertains to make and use the same, we will now proceed to describe its construction and operation, referring to the annexed drawing, which represents a perspective view of our lamp.

A represents the ordinary oil-reservoir, provided at its front side with the usual wick-tube B, and on the rear side with the hook D, for attaching it to the cap. The metal at the end of the tube B is bent over, forming a rim or flange, *a*, to strengthen the tube, and preventing it bending in pulling out the wick. Around the tube B is a cup, C, attached to the reservoir A, which cup strengthens the tube or spout, and catches the oil that drops out be-

tween the spout and wick, and prevents it from dropping down in the face of the miner. On the rear side of the reservoir A, below the hook D, is secured a curved cap-piece, G, which prevents the lamp swinging on the miner's head. H represents an ordinary lid or cover for the reservoir A, and in the center of this cover is inserted a spout, I, which allows of the lamp being used for oiling machinery or other places when desired.

Having thus fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. In a miner's lamp having the oil-reservoir A and lid or cover H, the oiling-spout I, inserted in the cover and forming part of the lamp, substantially as and for the purposes herein set forth.

2. The combination, with a miner's lamp, of the stationary metallic cap-piece G and the stationary hook above the same, all substantially as set forth.

In testimony that we claim the foregoing we have hereunto set our hands this 10th day of February, 1875.

WILLIAM EYNON.
RICHARD C. COOK.

Witnesses:

GEO. W. HETZEL,
FRED. FULLER.