

J. C. MARSHALL.

MINERS' LAMP.

No. 171,675.

Patented Jan. 4, 1876.

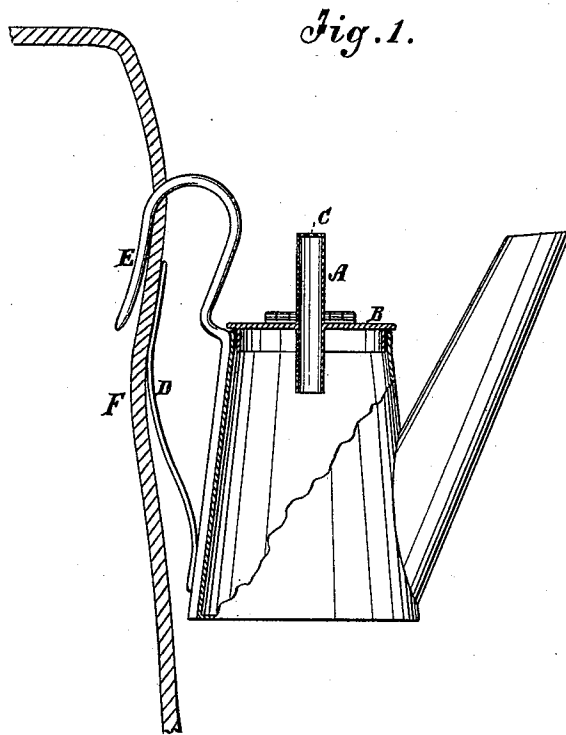
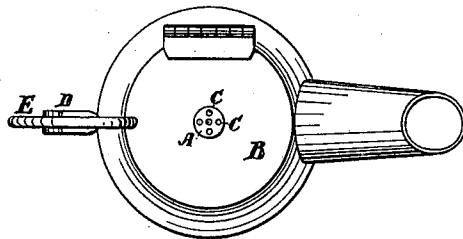


Fig. 2.



WITNESSES:

A. Remickson
Alex. F. Roberts

INVENTOR:

J. C. Marshall
mm

ATTORNEYS.

UNITED STATES PATENT OFFICE.

JAMES C. MARSHALL, OF GIRARDVILLE, PENNSYLVANIA.

IMPROVEMENT IN MINERS' LAMPS.

Specification forming part of Letters Patent No. **171,675**, dated January 4, 1876; application filed November 27, 1875.

To all whom it may concern:

Be it known that I, JAMES C. MARSHALL, of Girardville, in the county of Schuylkill and State of Pennsylvania, have invented a new and Improved Miner's Lamp, of which the following is a specification:

My invention consists of a spring, in combination with the hook by which the lamp is hooked onto the hat to pinch the hat between it and the hook, to hold the hat securely when the miner is at work.

Figure 1 is a sectional elevation of my improved lamp, and Fig. 2 is a top view.

Similar letters of reference indicate corresponding parts.

A is the tube in the top B of the lamp, hav-

ing the vent-holes C in the upper end of it, and extending at the lower end into the lamp some distance below the top, but it may terminate thereat, if preferred. D is the spring contrived with the hook E to pinch the hat F between them for holding the hat securely.

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

A miner's lamp provided with the spring D, arranged with respect to a hook, E, as and for the purpose specified.

JAMES C. MARSHALL.

Witnesses:

G. B. KIEHL,
E. C. WAGNER.