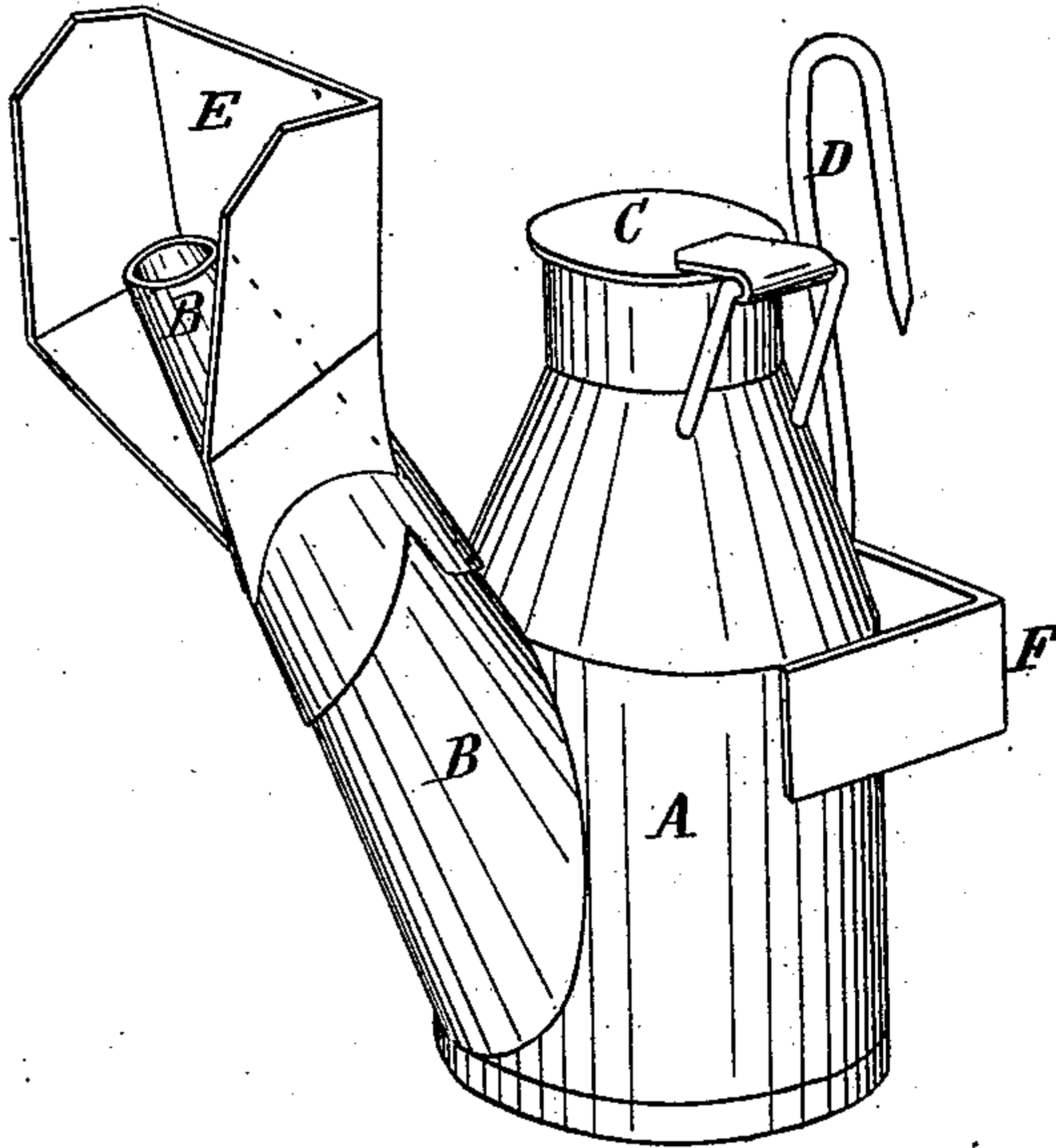


L. WEIHE.  
Miners' Lamp.

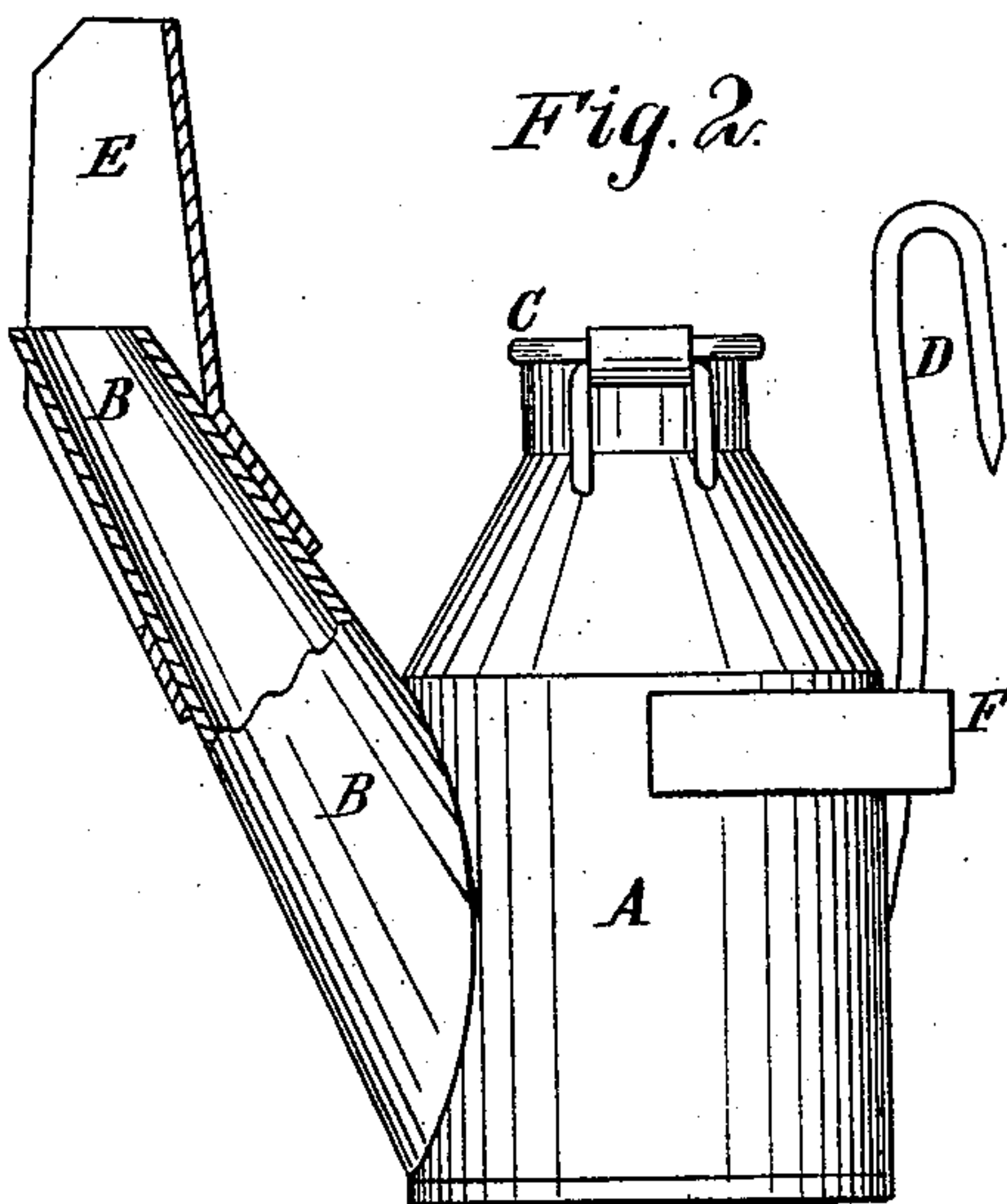
No. 227,333.

Patented May 4, 1880.

*Fig. 1.*



*Fig. 2.*



WITNESSES:

*Henry N. Miller*  
*C. Sedgwick*

INVENTOR:

*L. Weihe*  
BY *Mum & Co*  
ATTORNEYS.

# UNITED STATES PATENT OFFICE.

LOUIS WEIHE, OF CONNELLSVILLE, PENNSYLVANIA.

## MINER'S LAMP.

SPECIFICATION forming part of Letters Patent No. 227,333, dated May 4, 1880.

Application filed September 16, 1879.

*To all whom it may concern:*

Be it known that I, LOUIS WEIHE, of Connellsville, in the county of Fayette and State of Pennsylvania, have invented a new and  
5 Improved Attachment for Miners' Lamps, of which the following is a specification.

Figure 1 is a perspective view of a miner's lamp to which my improvement has been applied. Fig. 2 is a side elevation of the same,  
10 partly in section.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish a miner's lamp which shall be so constructed as  
15 to conduct the flame upward when moved forward, so that it will give more light and also protect the top of the lamp and the head of the miner from the flame and heat.

A represents the oil-chamber of the lamp,  
20 B the wick-tube, C the cap, and D the suspending-hook, of a miner's lamp, all of which are of the usual construction. The lamp may be made of any desired style or pattern.

To the wick-tube B is attached, or with it is  
25 connected, a shield or reflector, E, which should extend above and around said tube B; but

the said shield or reflector is open in front. By this use of the shield or reflector E the flame of the lamp will be spread out, directed, and reflected, so that the lamp will throw a  
30 much brighter light forward than the ordinary lamp, and when the lamp is carried forward the flame will be conducted upward, so that the cap C and the head of the miner will be protected from the heat of the flame.  
35

To the body A of the lamp is attached a support or guard, F, to rest against the hat or cap of the miner, to prevent the lamp from rocking and keep the wick-tube in proper position.  
40

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

A miner's lamp consisting of the body A, the wick-tube B, the cap C, the hook D, the  
45 shield E, and the guard F, all constructed and arranged as shown and described.

LOUIS WEIHE.

Witnesses:

SAM. PAGE STELLWAGEN,  
O. P. HARGRAVE.