

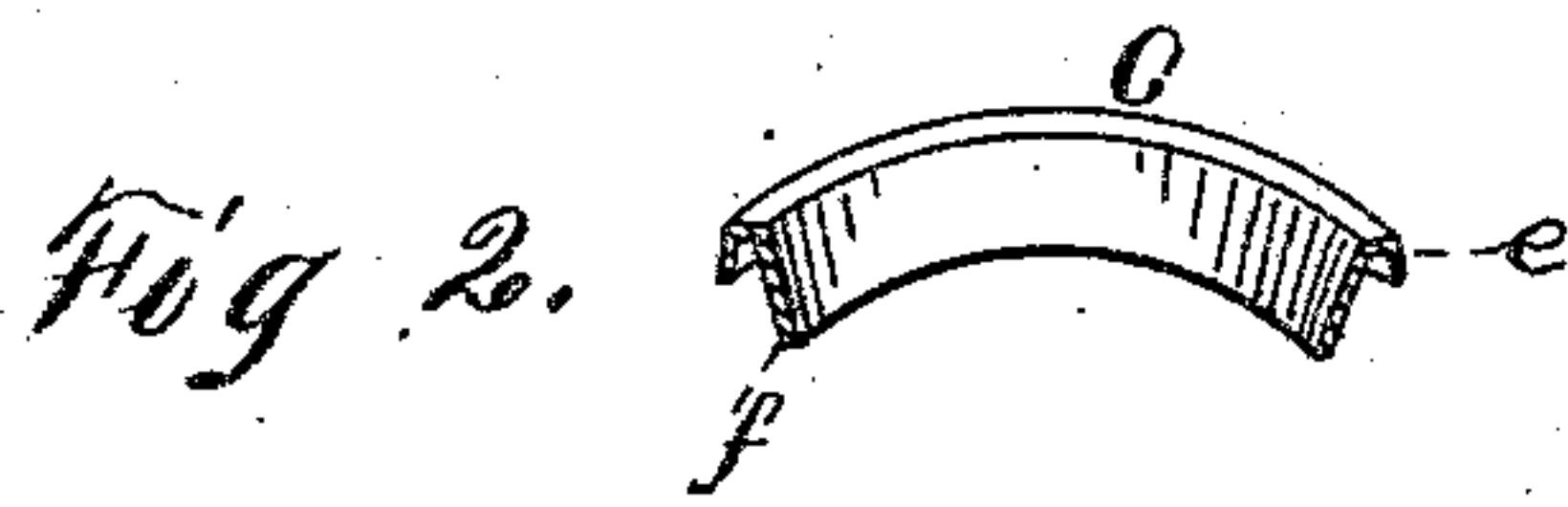
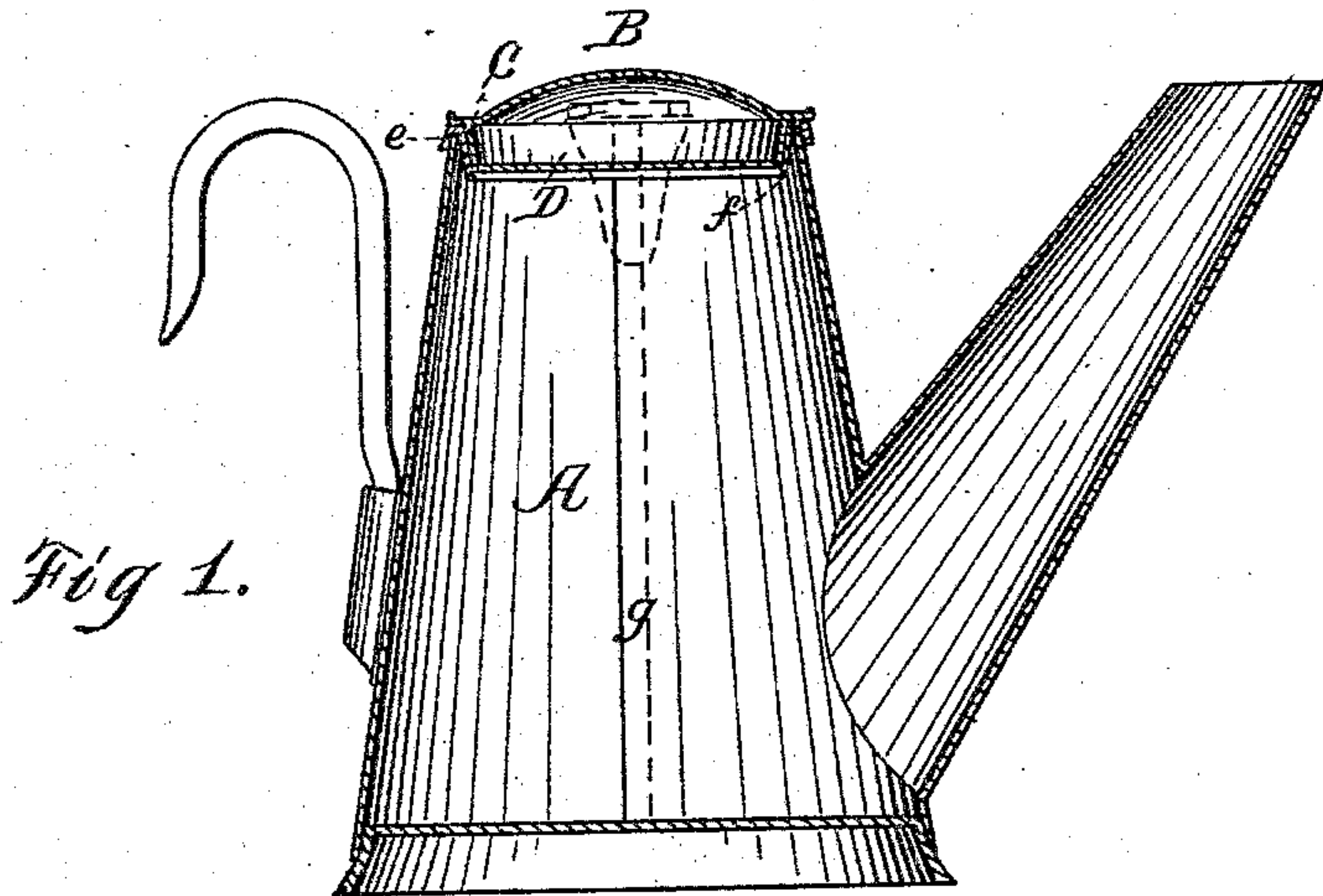
(No Model.)

J. HAMILTON.

MINER'S LAMP.

No. 301,495.

Patented July 8, 1884.



Witnesses:
H. C. Harrison.
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UNITED STATES PATENT OFFICE.

JOHN HAMILTON, OF BELLEVUE, PENNSYLVANIA.

MINER'S LAMP.

SPECIFICATION forming part of Letters Patent No. 301,495, dated July 8, 1884.

Application filed October 6, 1883. (No model.)

To all whom it may concern:

Be it known that I, JOHN HAMILTON, of Bellevue, in the county of Allegheny, State of Pennsylvania, have invented a new and useful
5 Improvement 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.

10 My invention relates to an improvement in miners' lamps; and it consists in providing a means for securing the lid in the mouth of the lamp and preventing the spreading of the side seam.

15 To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

In the accompanying drawings, which form part of my specification, Figure 1 is a vertical
20 section of my improvement in miners' lamps. Fig. 2 is a transverse section of the ring I employ for holding the upper edge of the mouth of the body in form and preventing the spreading of the side seam, and also for grasping the
25 flange of the lid.

In the accompanying drawings, A repre-

sents the body of the lamp, B the lid, and C the metallic ring, having two flanges, *e f*. The upper edge of the mouth of the lamp is slightly flared outward, and is placed between
30 said flanges. The outer flange, *e*, is secured to the upper edge of the mouth of the lamp by the soldering process, thereby preventing the spreading of the side seam, *g*, of the body of the lamp, which side seam is often separated
35 by rough usage, which separation will by this arrangement be obviated. The flange *f* acts as a circular spring and clasps the flange D of the lid B, thereby holding the lid in place and preventing the escape of oil at the mouth of
40 the lamp, the advantage of which will be apparent to the manufacturer and user of miners' lamps.

Having thus described my improvement, what I claim is—

In a miner's lamp, the ring C, having flanges
45 *e f*, in combination with the body A and lid B, substantially as specified.

JOHN HAMILTON.

Witnesses:

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