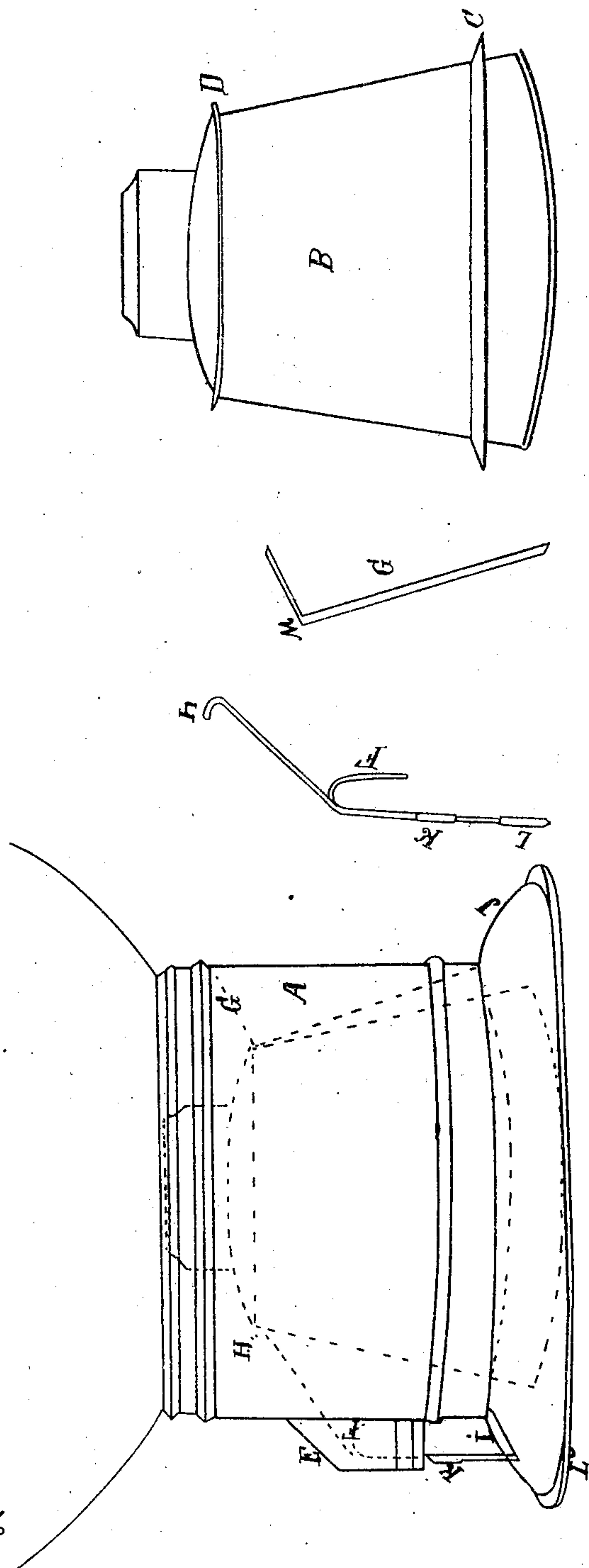


Wentworth & Clark.

Lantern.

N^o 73481

Patented Jan. 21, 1868.



Witnesses
E. S. Purnell
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Inventor,
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UNITED STATES PATENT OFFICE.

HIRAM WENTWORTH AND V. B. CLARK, OF RIPON, WISCONSIN.

IMPROVEMENT IN LANTERNS.

Specification forming part of Letters Patent No. 73,481, dated January 21, 1868.

To all whom it may concern:

Be it known that we, HIRAM WENTWORTH and V. B. CLARK, of Ripon, in the county of Fond du Lac, in the State of Wisconsin, have invented a new and Improved Mode of Securing and Fastening and Unfastening the Oil-Pot in Lanterns; and we do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of our invention consists in providing a lantern-bottom, marked A in the drawings, with outlines showing the positions of the oil-pot, spring, and bracket in the same; also, showing, in perspective, a projecting flange, marked J, at the bottom of the lantern, with the points of pressure on the spring F, marked L and K, above and below the flange J, and the guard, marked E, attached to the outside of the lantern-bottom, protecting the spring.

The second perspective view represents an oil-pot, marked B, showing the position of the flange, marked C; also, the projection, marked D, at the top of the oil-pot, which rests when in place upon the end of the spring F, at H, and the elbow of the bracket G at the point marked M. This projection D is an extension only of the top of the oil-pot B.

The third view of the spring, marked F, shows the arrangement of a hook, H, formed at the upper end of the spring; also, in the fourth perspective view, is shown the bracket, marked G, with the point or elbow, marked M.

To enable others skilled in the art to make and use our invention, we will proceed to describe its construction and operation. We construct our lantern-bottom in any of the known forms, of tin, brass, copper, or of any other suitable metal or material.

The flange C is constructed by soldering a narrow strip, of the same material of which

the oil-pot is made, near the bottom of the oil-pot, in such a manner that the upper side of the flange will, when in use, rest against the bottom of the flange J on the lantern-bottom, thereby holding the oil-pot firmly in its place. The bracket G is also made of the same material, the two ends soldered fast to the lantern-bottom, so that the elbow or point M will project inward, and the lower end will gradually slant outward, and form a guide to the oil-pot, to the point M. The spring F may be constructed of brass or any other metal, with sufficient spring and strength to force the oil-pot B to its proper place. The guard E is made of the same material as the rest of the lantern-bottom and soldered over and near the lower end of the spring F on the side of the lantern-bottom.

To remove the oil-pot B from the lantern-bottom, press the spring F at L or K. To adjust it for use, press it into the opening in the lantern-bottom.

We claim as our invention—

1. The spring F, as applied to lantern-bottoms.
2. The bracket G and manner of attaching it opposite to the spring F.
3. The arrangement of the spring F, so as to be operated both above and below the flange J, at L and K.
4. The guard E.
5. The flange C on oil-pot B.
6. The projection D at the top of the oil-pot B.
7. The arrangement of the different parts, substantially as described, and for the purposes specified.

HIRAM WENTWORTH.
V. B. CLARK.

Witnesses:

J. J. FOOTE,
D. MCKERCHER.