

(No Model.)

L. A. ROBERTS.
WICK RAISER FOR LANTERNS.

No. 442,205.

Patented Dec. 9, 1890.

Fig. 1.

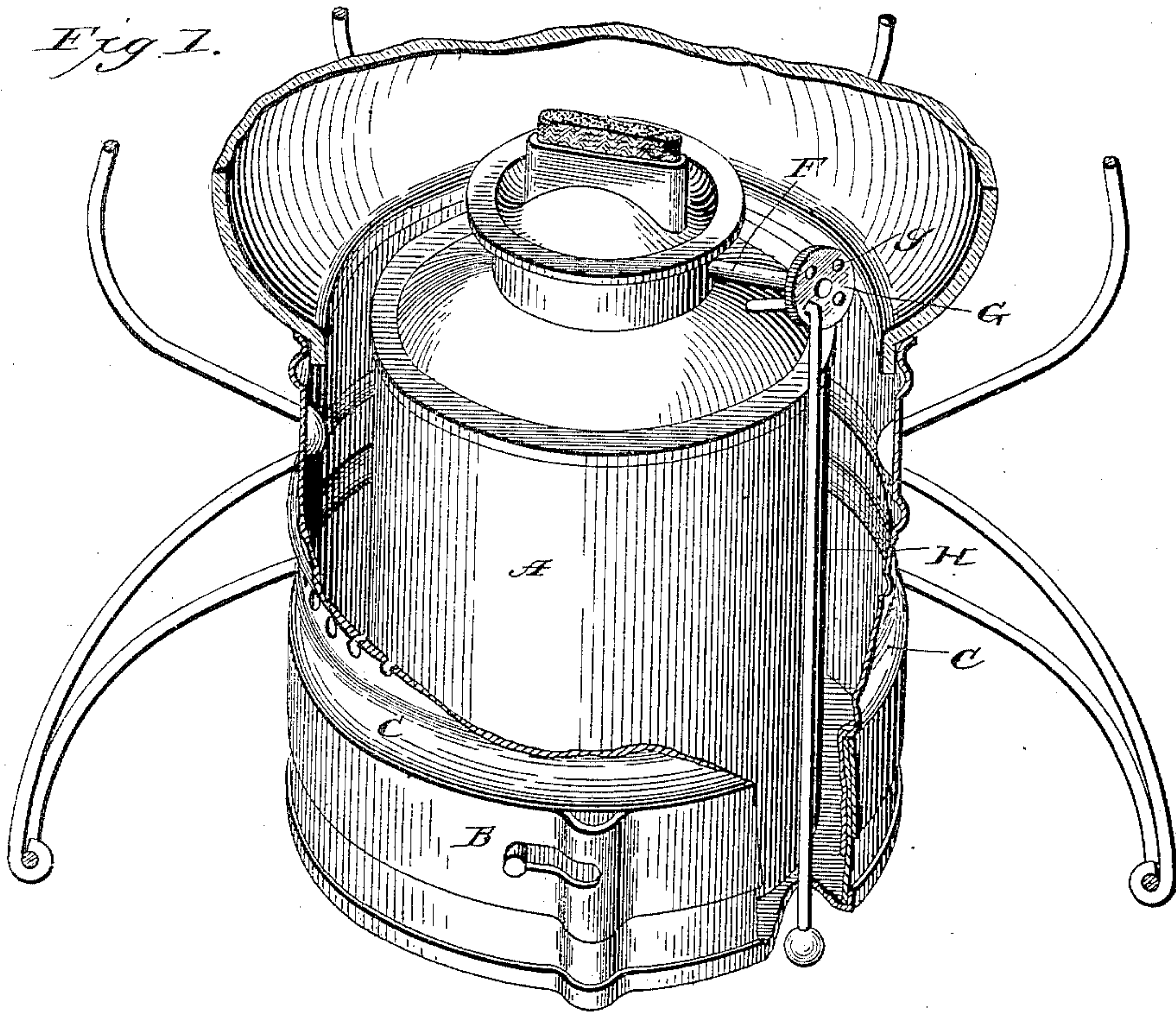
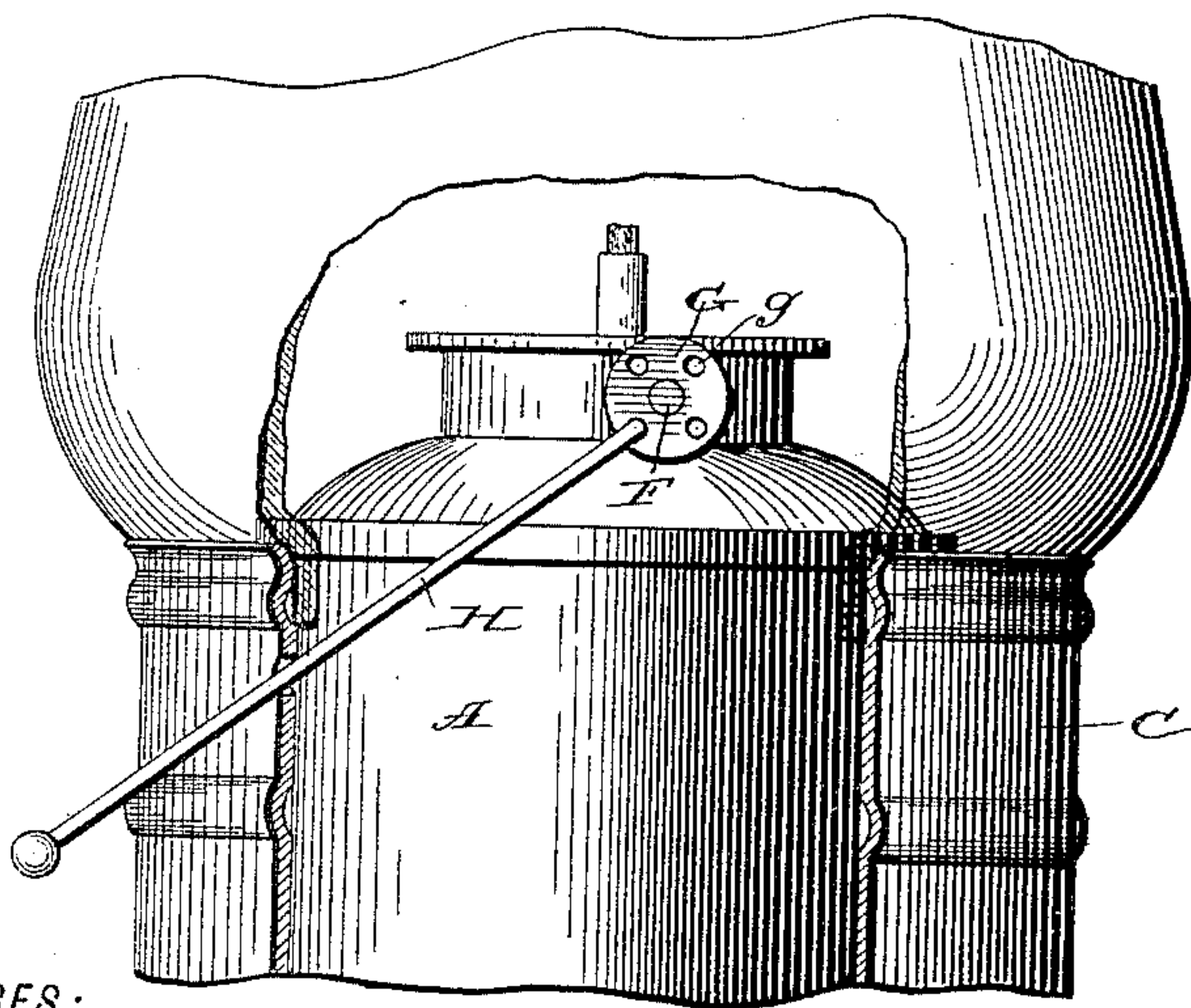


Fig. 2.



WITNESSES:

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WICK-RAISER FOR LANTERNS.

SPECIFICATION forming part of Letters Patent No. 442,205, dated December 9, 1890.

Application filed August 2, 1890. Serial No. 360,824. (No model.)

To all whom it may concern:

Be it known that I, LEWIS A. ROBERTS, of Carbondale, in the county of Lackawanna and State of Pennsylvania, have invented certain
5 new and useful Improvements in Wick-Raisers for Lanterns; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part
10 of this specification, and to the letters of reference marked thereon.

My invention has for its object to provide a means whereby the wick of a closed lantern may be raised to any desired point by mechanism at once simple, cheap, and easily operated, and which may be applied to any ordinary lamps or lanterns now in use without material change.

In the accompanying drawings, Figure 1 is
20 a perspective view of the base of a lantern having one side broken away to show the application of my invention thereto. Fig. 2 is a sectional view showing a modification.

Like letters indicate the same parts in both
25 figures.

The invention is adapted for application to any of the ordinary styles of lanterns now in common use, and hence no description of any particular style will be given herein, that
30 shown being of the kind commonly used on railroads, A indicating the oil cup or reservoir, and B the bottom gallery, into which the top C fits and is removably secured. The burner is also of the ordinary or any preferred type,
35 and is provided with the usual wick-raising wheel or wheels mounted on the shaft F. Now in order to operate the shaft to raise or lower the wick the hand wheel or button G is provided with a series of perforations g, arranged as near the periphery as possible, and
40 an operating-rod H, passing through a perforation in the bottom or side, has its end bent to engage any one of said perforations, whereby it will be seen that by manipulating
45 the rod from the outside the wick may be adjusted to the proper point without difficulty.

If it is desired to move the wick farther than is possible with the rod in one perforation, it may be shifted to one of the other perforations.

The operating-rod is preferably left loose, although, as is obvious, it may be secured in position by a loose connection—such as a chain or link—simply to prevent all danger
50 of its being lost.

With this invention it will be seen that it is only necessary to provide a burner having the perforated hand-wheel and an operating-rod in order to convert an old lantern, in which it is necessary to remove the oil pot or
55 globe to raise or lower the wick, into one in which the wick may be raised and lowered with the greatest convenience from the outside.

While the invention has been described as
65 applicable to lanterns of any style, it will be seen that it is especially adapted for use in connection with lanterns in which the top separates from the bottom at a point below the burner, hence making it impractical to
70 run the operating-shaft having the wick-raising wheels outside the casing.

In the modification the operating-rod instead of passing through a perforation in the bottom passes through a perforation in the
75 side.

Having thus described my invention, what I claim as new is—

In a lantern, the combination, with the oil-reservoir, casing, and burner, of the wick-operating shaft having the raising-wheels thereon, the hand wheel or button having the perforations therein, and the operating-rod passing through a perforation in the casing and engaging the perforations, substantially as
80 described.

LEWIS A. ROBERTS.

Witnesses:

A. A. VOSBURG,
W. S. HUSLANDER.