

## Wick Raiser.

No. 65,698.

Patented June 11, 1867.

*Fig. 1.*

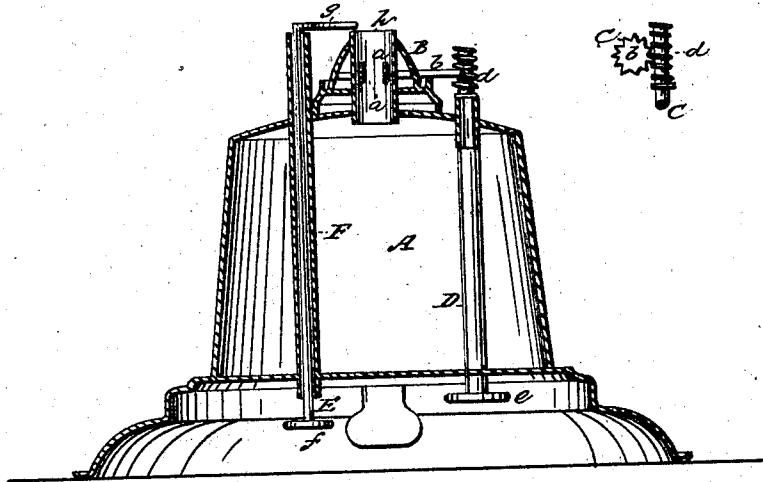


Fig. 3.

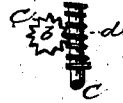
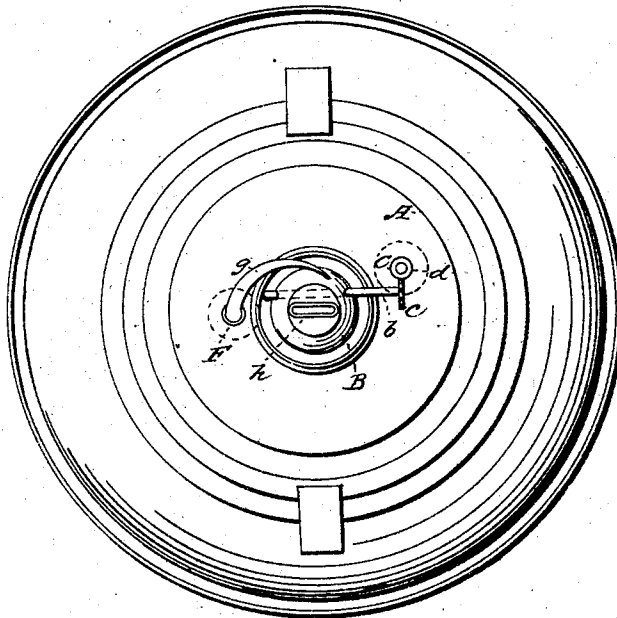


Fig. 2.



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# United States Patent Office.

JACOB SILVINS AND WILLIAM T. HAIN, OF SUNBURY, PENNSYLVANIA.

*Letters Patent No. 65,698, dated June 11, 1867.*

## IMPROVEMENT IN LANTERN-LAMP.

The Schedule referred to in these Letters Patent and making part of the same.

### TO ALL WHOM IT MAY CONCERN:

Be it known that we, JACOB SILVINS and WILLIAM T. HAIN, of Sunbury, in the county of Northumberland, and State of Pennsylvania, have invented new and useful Attachments for Lantern-Lamps; and we do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to certain new and useful attachments for the lamps of lanterns, whereby the wicks of the former may be adjusted, raised and lowered, and the wicks also deprived of any crust which may be upon them, without removing the lamps from the lanterns.

This invention, therefore, it will be seen, admits of the wick of a lantern-lamp being adjusted at any time, even out of doors in a strong wind, without the least danger of having the light extinguished. In the accompanying drawings—

Figure 1 is a side sectional view of a lantern-lamp provided with my invention.

Figure 2, a plan or top view of the same.

Figure 3, a detached view of the gear by which the wick is raised and lowered.

Similar letters of reference indicate like parts.

A represents the lamp of a lantern, constructed in the ordinary way, and B is the lamp-burner, the wick of which is raised and lowered by serrated wheels *a*, placed on the shaft *b*, which extends horizontally through the burner, as usual. On one end of this shaft *b* there is a worm-wheel, *c*, into which a screw, *d*, gears, the latter being at the upper end of a vertical shaft, C, which passes through the lamp, and has a thumb-wheel, *e*, on its lower end; said thumb-wheel being within the hollow base *e* of the lamp, as shown clearly in fig. 1, a tube, D, being fitted in the lamp for the shaft C to pass through. E is a vertical shaft, which also passes through a tube, F, fitted in the lamp A, and has a thumb-wheel, *f*, on its lower end within the base *e*. On the upper end of this shaft E there is a curved arm, *g*, which is in line with the top of the wick-tube *h*, so that by turning the shaft E the arm *g* will sweep across the top of the wick-tube and effectually scrape off any crust which may have accumulated on the top of the wick.

Thus, by this simple arrangement, the wick may be kept in proper order or condition, to wit, raised and lowered, according to the size or height of flame required, and the crust removed from the wick without detaching or removing the lamp from the lantern.

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

The crust-remover *g* on the upper end of a vertical shaft, E, which passes through a tube, F, in the lamp, substantially as and for the purpose specified.

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