

A. M. DUBURN
Lantern.

No. 203,716.

Patented May 14, 1878.

Fig. 1.

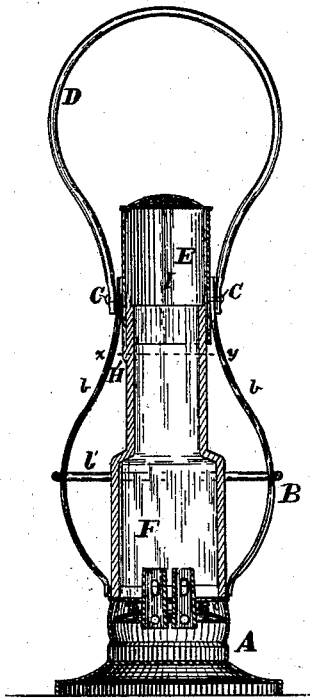


Fig. 2.

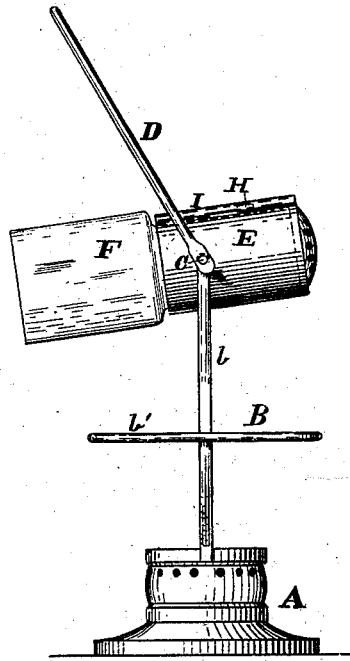


Fig 3



Fig 4



Attest
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UNITED STATES PATENT OFFICE.

ANTHONY M. DUBURN, OF CINCINNATI, OHIO, ASSIGNOR TO NAPOLEON
DU BRUL, OF SAME PLACE.

IMPROVEMENT IN LANTERNS.

Specification forming part of Letters Patent No. **203,716**, dated May 14, 1878; application filed
April 12, 1878.

To all whom it may concern:

Be it known that I, ANTHONY M. DUBURN, of Cincinnati, Hamilton county, Ohio, have invented a new and useful Improvement in Lanterns, of which the following is a specification:

The object of this improvement is to supply the want of a cheap, convenient, and safe lantern or hand-lamp; and it chiefly relates to the manner of removing the chimney for lighting or replenishment of the lamp, &c.

For this object I make use of a chimney having its upper portion of a cylindrical shape, and I also form the dome or hood of a similar shape, and pivot it to the basket or frame, so that the chimney may be made to slide into it telescope fashion to such an extent that, after being swung or vibrated a sufficient distance, the chimney can be readily removed.

In the accompanying drawing, Figure 1 represents a vertical section of a lantern embracing my improvements. Fig. 2 shows a side view of the same at right angles to the position in Fig. 1, the chimney being in a position to be removed. Fig. 3 is a horizontal section of the dome or hood, and Fig. 4 is a horizontal section of the chimney.

A represents the base and lamp of a lantern, supporting the frame, guard, or basket B, consisting of two arms or supports, *b b*, and a circular ring, *b'*. Pivoted at C to the upper ends of the supports *b b* is the handle D and dome or hood E, both capable of rotating about their pivots. The chimney F rests on the base A, and projects a short distance up into the dome E, which, when in a vertical position, holds it in place. For further security against shaking out, I provide a lug, H, cast on the chimney F, which, when it is

desired to remove the chimney, slides in the groove I in the dome E, but when the chimney is in position, as shown in Fig. 1, may serve to lock the same by a quarter-turn.

When the globe or chimney is to be removed for the purpose of lighting or replenishing the lamp, it is simply turned until the lug H is opposite the groove I, and then raised so that its upper portion occupies the dome E, thus giving access to the lamp. When in this position, by turning the dome on its pivots, the globe F may be easily removed above the ring *b'*.

The construction of the sliding globe can easily be applied to what is known as the "Argand chimney" for hand-lamps, and such application will secure the advantages of a shorter chimney, which would be less expensive and not so liable to break, by supplying the deficiency of length required for the necessary draft being afforded by the dome E, which holds the chimney firmly to its place, and also permits of its easy removal to light or replenish the lamp by sliding the globe or chimney in the dome, as shown in Fig. 2.

I claim as new and of my invention—

1. In a lantern or hand-lamp, the combination of a sliding globe or chimney with the pivoted swinging dome E, substantially as and for the purpose set forth.

2. In combination with the grooved dome E, the lug H on globe F, substantially as and for the purpose set forth.

In testimony of which invention I hereto set my hand.

ANTHONY M. DUBURN.

Attest:

GEO. H. KNIGHT,
RANKIN D. JONES.