

R. DUNHAM.

Lantern.

No. 50,567.

Patented Oct. 24, 1865.

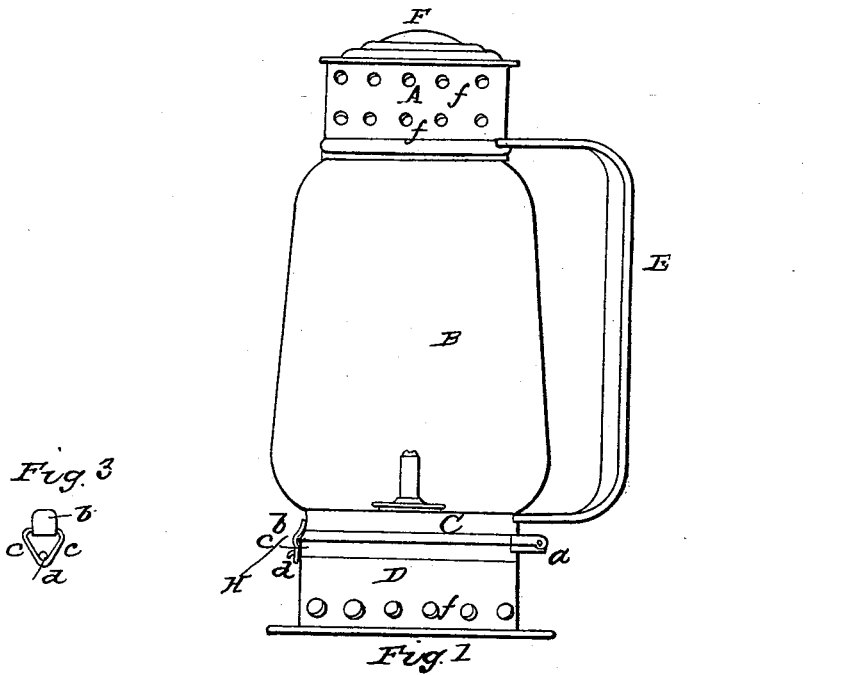
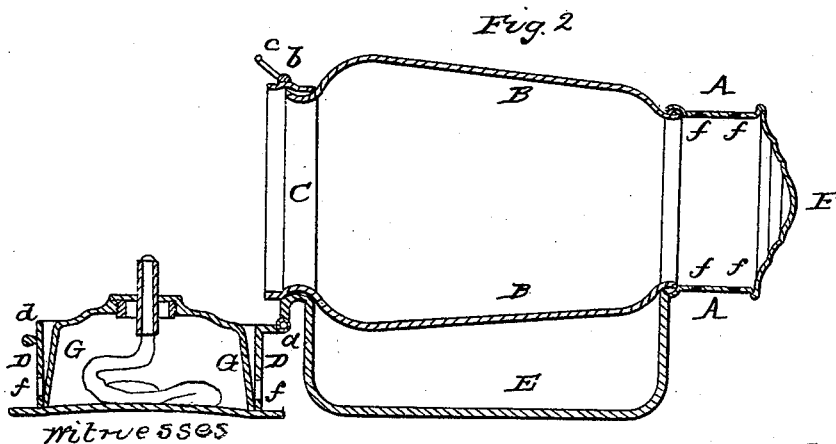


Fig. 3



Witnesses
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RUFUS DUNHAM, OF PORTLAND, MAINE.

IMPROVEMENT IN LANTERNS.

Specification forming part of Letters Patent No. 50,567, dated October 24, 1865.

To all whom it may concern:

Be it known that I, RUFUS DUNHAM, of Portland, in the county of Cumberland and State of Maine, have invented a new and useful Improvement in Hand-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, making part of this specification, in which—

Figure 1 represents a view of my improved lantern, embodying my improvements; Fig. 2, a section of Fig. 1, showing the mode of operation; Fig. 3, the catch by which the frame holding the globe or shade is secured to the body of the lamp.

The object of my invention is to produce a lantern which shall be light, portable, less liable to accident from fracture of the shade than heretofore, and which embodies certain new and useful improvements, hereinafter enumerated and described.

My invention consists of a lantern the glass shade of which and the parts into which the shade is fitted can be turned off from the body of the lamp without being detached entirely therefrom. This method of operation is represented in Fig. 2, the hinge or joint upon which the shade or globe portion of the lantern is turned being shown at *a*.

My invention further consists in fitting the shade or movable part of the lantern with a handle, which serves not only to carry or lift the lantern by, but also as a rest for the shade when thrown back for the purpose of lighting

or replenishing the lamp, &c., and thus prevent it from accidental fracture, as in Fig. 2.

It also consists in fitting the lower part, *c*, Fig. 1, of the movable part of the lantern with the catch represented at Fig. 3, to hold the shade in its proper position when the lamp is lighted. The catch consists of two links, *b* and *c c*, Fig. 3, the first of which is secured by soldering to the rim *c*, the second hanging in the first so as to swing backward and forward. When the movable portion of the lantern is swung into its place the link *c c*, Fig. 3, will fall over the projection *d*, Fig. 2, and thus hold the shade, &c., securely over the flame of the lamp.

I construct my improved lantern of tin, brass, or any other suitable metal, fitting the glass B to the parts A and C by the ordinary process. To the parts A and C, I fasten the handle before described. The shade or movable portion is permanently attached to the body of the lamp by the hinge *a*. The catch *b c c* is constructed of the same material as the body of the lamp, and in the manner described.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination of the movable shade B, the parts A and C, and the handle E, as and for the purposes described.

RUFUS DUNHAM.

Witnesses:

WILLIAM H. CLIFFORD,
HANNO W. GAGE.