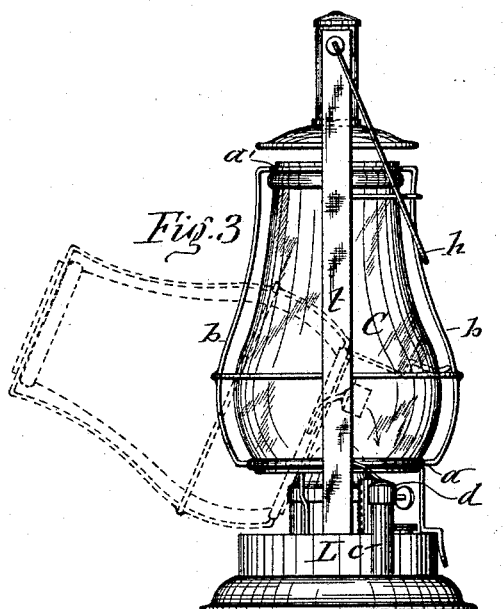
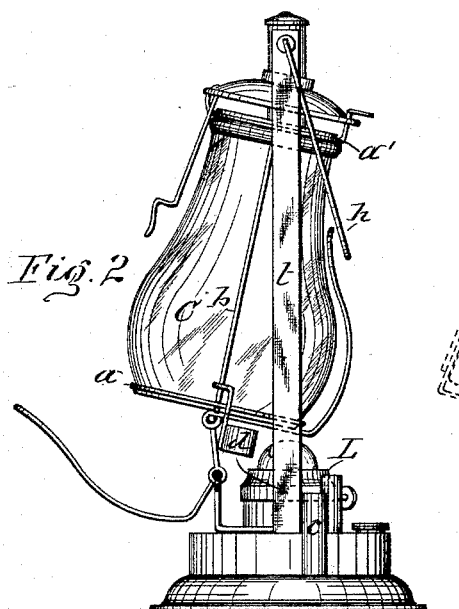
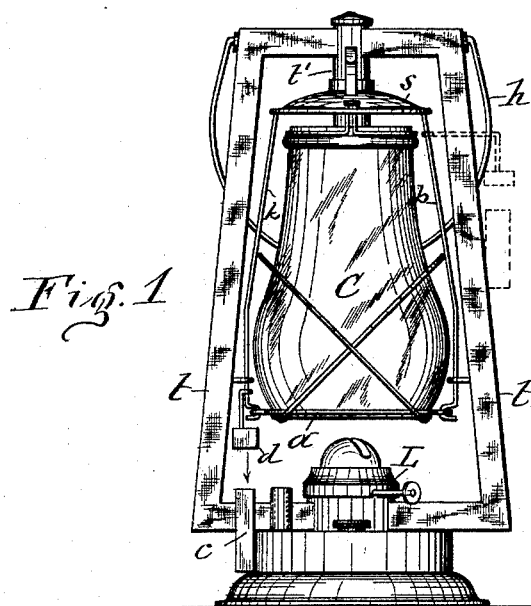


(No Model.)

A. H. CRAWFORD.
LANTERN.

No. 456,721.

Patented July 28, 1891.



WITNESSES:

C. L. Buntison
Mark W. Dewey

INVENTOR:

Amos H. Crawford
BY
Snell, Laess & Snell
his ATTORNEYS

UNITED STATES PATENT OFFICE.

AMOS H. CRAWFORD, OF LIVERPOOL, NEW YORK.

LANTERN.

SPECIFICATION forming part of Letters Patent No. 456,721, dated July 28, 1891.

Application filed September 8, 1890. Serial No. 364,255. (No model.)

To all whom it may concern:

Be it known that I, AMOS H. CRAWFORD, of Liverpool, in the county of Onondaga, in the State of New York, have invented new and useful Improvements in Lanterns, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

My present invention relates to the permanent attachment of match-safes to lanterns; and it consists, essentially, in the combination, with a lantern, of a match-safe secured stationarily to a fixed part of the lantern, and a cover for said match-safe detached from and carried on a movable part of the lantern to automatically open and close said match-safe, as hereinafter more fully described, and set forth in the claims.

In the annexed drawings, Figures 1, 2, and 3 are elevations of lanterns provided with different forms of globe-holders and illustrating the adaptation of my invention to said lanterns.

L represents the lamp, from which extend the usual tubes *t t*, which form the main frame of the lantern and have attached to them the handle *h* and the central vertical branch tube *t'*, which latter carries the shield *s* over the globe C. The globe-holder is usually formed of wire, and consists, mainly, of a ring *a*, embracing the base of the globe, and rods *b b*, extending from said ring either to the shield *s*, as shown in Fig. 1 of the drawings, or to a ring *a'*, embracing the upper end of the globe, as illustrated in Figs. 2 and 3 of the drawings. In either case the globe-holder is movable to and from the lamp. In Fig. 1 it is arranged movably vertically, in Fig. 2 it is arranged to swing with its base laterally from the lamp, and in Fig. 3 the top of the globe-holder swings laterally.

c represents a match-safe, which I secure preferably in an upright position permanently

either to one of the tubes *t*, as indicated by dotted lines in Fig. 1 of the drawings, or to the side of the lamp, as shown by full lines in the drawings, or to any other fixed part of the lantern, either by soldering or other suitable means.

d denotes the cover or cap of the match-safe. This cover I attach to any part of the lantern which is arranged movably to and from the lamp, preferably to the before-described globe-holder, either to one of the vertical rods *b*, as shown in Figs. 1 and 2 of the drawings, or to the lower ring *a*, as represented in Fig. 3 of the drawings. In either case the said cover is to be attached in such relative position as to cause it to become automatically seated upon the match-safe in the operation of placing the globe upon the lamp, as represented in Fig. 3 of the drawings, and to be removed from the match-safe by the removal of the globe from the lamp, as shown in Figs. 1 and 2 of the drawings.

Having described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The combination, with a lantern, of a match-safe secured stationarily to a fixed part of said lantern, and a cover for said match-safe detached therefrom and carried on a movable part of the lantern to automatically open and close the match-safe, as set forth.

2. The combination, with a lantern having its globe-holder movable from the lamp, of a match-safe attached to the side of the lamp, and a cover for said match-safe attached to the aforesaid globe-holder, substantially as described and shown.

In testimony whereof I have hereunto signed my name this 28th day of August, 1890.

AMOS H. CRAWFORD. [L. s.]

Witnesses:

MARK W. DEWEY,
H. M. SEAMANS.