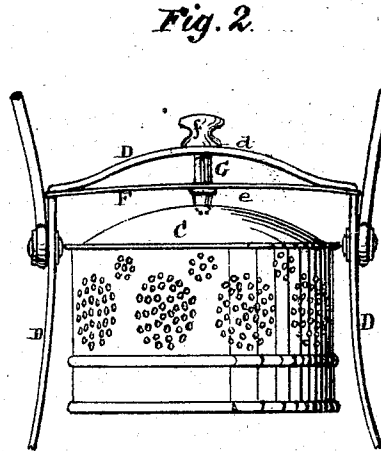
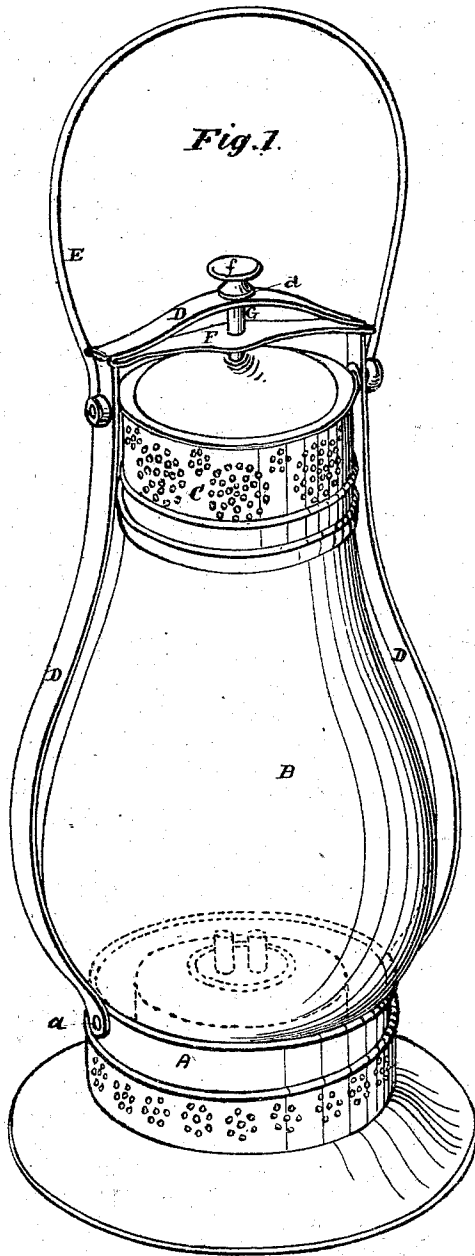


J. J. MARCY.
Lanterns.

No. 152,663.

Patented June 30, 1874.



Witnesses.
Ernest H. H. H.
W. E. Chaffee.

Inventor.
John J. Marcy
by atty. H. H. H.

UNITED STATES PATENT OFFICE

JOHN J. MARCY, OF BRIDGEPORT, CONNECTICUT, ASSIGNOR TO THE
BRIDGEPORT BRASS COMPANY, OF SAME PLACE.

IMPROVEMENT IN LANTERNS.

Specification forming part of Letters Patent No. **152,663**, dated June 30, 1874; application filed
June 17, 1874.

To all whom it may concern:

Be it known that I, JOHN J. MARCY, of Bridgeport, Connecticut, have invented certain new and useful Improvements in Lanterns, of which the following is a specification:

This is an improvement on the invention for which Letters Patent No. 150,540 were issued to the Bridgeport Brass Company, as my assignee, May 5, 1874.

I retain the same general combination of elements described and claimed in said Letters Patent, but I have materially improved the structure of the spring, and its arrangement with relation to the holding pin and loop or strap. I now employ a spring-strip, which is located below the bow or top of the loop, and extends across between the sides or upright portions of said loop, being notched at its ends so as to straddle said upright portions. Through the center, or thereabout of this strip, and of the bow of the loop above, loosely passes the holding-pin, which is confined in place by means of two shoulders with which it is provided—one above the bow of the loop and the other below the spring-strip; and thus, while the spring causes the pin to press downward with yielding pressure, the pin, in turn, serves to hold in place the spring, which when thus arranged may be maintained in position, without having any positive connection with the loop, by soldering, or otherwise.

In the accompanying drawing, Figure 1 is a perspective view of my improved lantern. Fig. 2 is an elevation of the upper part of the same. Fig. 3 is a view of spring detached.

A is the lantern-base; B, the glass chimney; C, the lantern-cap; D, the loop or strap, pivoted at *a* to the base, or otherwise suitably secured to the body of the lantern; E, the bail or handle. These parts are of ordinary or suitable construction. F is the spring strip or bar hereinbefore referred to, arranged under the bow and between the sides of the loop,

and having notched ends *b*, which straddle the sides of the loop. This spring is perforated at *c* for the passage of the holding-pin G, and the bow of the loop is perforated similarly for a like purpose. The pin passes through these perforations and is provided with two shoulders—the one, *d*, above the bow of the loop, and the other, *e*, below the spring—the distance between these shoulders being such that the spring G will be drawn up to bear at its ends with requisite pressure against the shoulders formed by the junction of the bow with the sides of the loop. Under this arrangement the pin serves to hold in place the spring, and the latter bears down with requisite yielding pressure upon the pin. The upper shoulder *d* of the pin may be formed, as shown, by a knob, *f*, which, after the pin has been inserted up through the spring and loop, is screwed down on the upper screw-threaded end of the pin, and serves to tighten up and bind together the several parts. The lower end of the pin takes a bearing, as usual, in a depression in the top of cap C.

Having described my invention, what I claim, and desire to secure by Letters Patent as an improvement on the before-cited Letters Patent, is—

1. The notched spring-strip in combination with the double-shouldered holding-pin, and loop or strap, substantially as shown and set forth.

2. The described combination of the lantern loop or strap, the spring-strip, the shouldered and screw-threaded holding-pin, and the nut or knob to engage the screw-threaded end of the pin, for joint operation, as shown and set forth.

In testimony whereof I have hereunto signed my name this 12th day of June, A. D. 1874.

JOHN J. MARCY.

Witnesses:

F. A. TISCHENDORF,
N. M. BEACH, Jr.