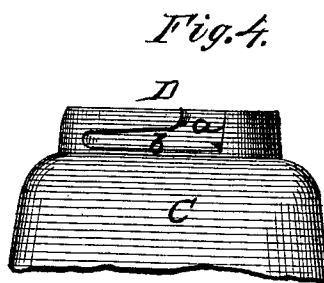
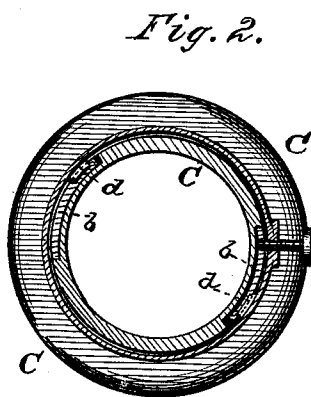
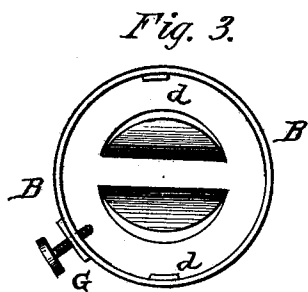
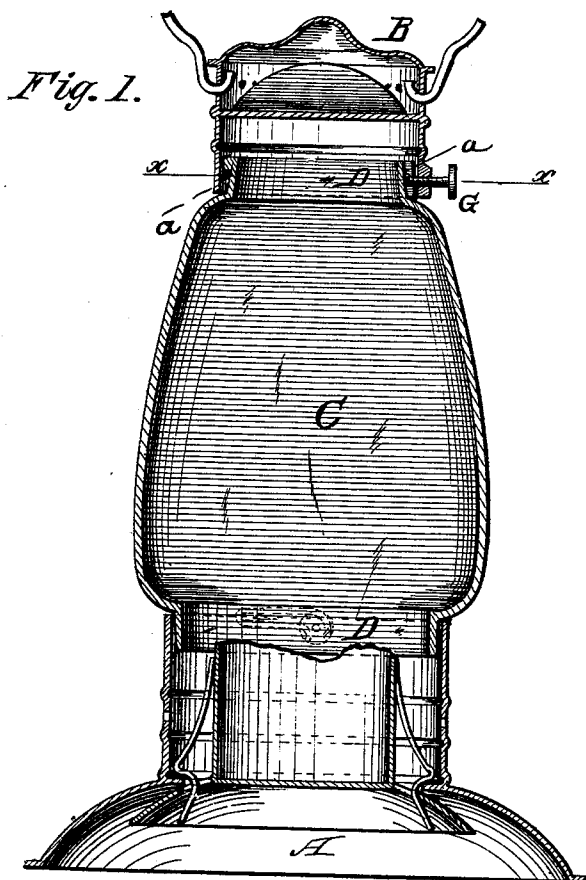


T. B. OSBORNE.
 LANTERNS.

No. 181,097.

Patented Aug. 15, 1876.



Witnesses:
P. C. Dieterich.
J. H. Duffy

Inventor:
Theodore B. Osborne.
 Per: *C. H. Watson & Co.* Attorneys.

UNITED STATES PATENT OFFICE.

THEODORE B. OSBORNE, OF NEW YORK, N. Y.

IMPROVEMENT IN LANTERNS.

Specification forming part of Letters Patent No. **181,097**, dated August 15, 1876; application filed July 31, 1876.

To all whom it may concern:

Be it known that I, THEODORE B. OSBORNE, of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Lanterns; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to hand-lanterns; and it consists in securing the globe by means of grooves in the glass and corresponding catches in the metal, in combination with a set-screw, or its equivalent, for locking the globe, as will be hereinafter more fully set forth.

In the annexed drawing, Figure 1 is a central vertical section, Fig. 2 is a transverse section on line *x x*, Fig. 1, and Figs. 3 and 4 are detail views, of my invention.

A represents the bottom, B the top, and C the globe, of a hand-lantern constructed in any of the known and usual ways. The globe C is formed at top and bottom with the usual vertical flanges D D. In each of these flanges, on opposite sides, in the outer surfaces, are made two vertical grooves, *a a*, and from the top of each groove *a* leads a slightly-inclined groove, *b*, a suitable distance around the flange. On the inside of the bottom A and

top B of the lantern are formed corresponding catches or projections *dd*, to enter said grooves, and thus unite the globe to the top and bottom. The top B and bottom A are further each provided with a set-screw, G, which screws into one of the grooves *a* after the globe is adjusted, and thus locks it fast, so that it cannot be shaken loose. This device obviates the necessity of using any wire guards or cement for holding the top and bottom together, and makes it possible to adjust the globes immediately.

Though I prefer to use set-screws for locking the globe, as above described, spring or other catches or devices may be used for the same purpose.

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

In a lantern, the globe C, having grooves *a b* formed in the glass, as described, in combination with the top B and bottom A, having catches or lugs *d*, and locking devices G, substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

THEODORE B. OSBORNE.

Witnesses:

S. B. UNDERHILL,
GEO. T. DICKERSON.