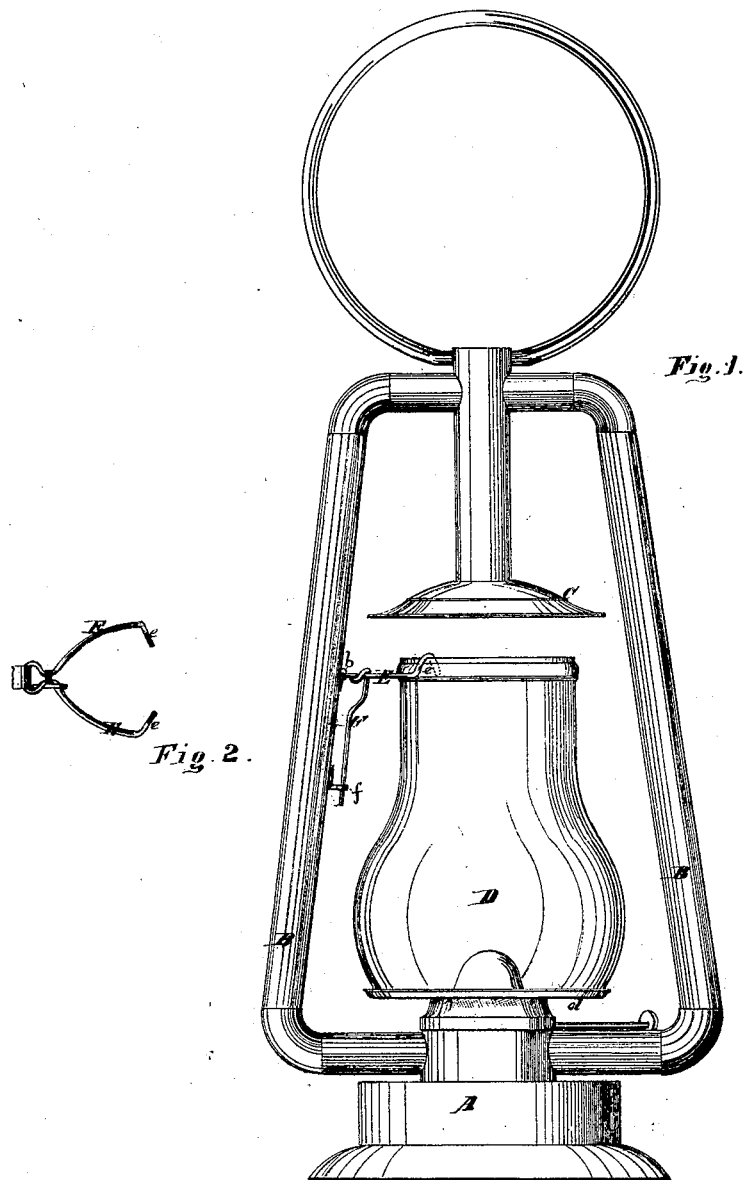


J. S. DENNIS & W. F. KISTLER.
Improvement in Lantern-Globe Holders.

No. 115,035.

Patented May 23, 1871.



Witnesses:
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H. T. Brand.

Inventors:
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UNITED STATES PATENT OFFICE.

JOSEPH S. DENNIS AND WILLOUGHBY F. KISTLER, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN LANTERN-GLOBE HOLDERS.

Specification forming part of Letters Patent No. 115,035, dated May 23, 1871.

To all whom it may concern:

Be it known that we, JOSEPH S. DENNIS and WILLOUGHBY F. KISTLER, both of Chicago, in the county of Cook and State of Illinois, have invented certain Improvements in Lantern-Globe Holders; and we do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, which, together with the letters and figures of reference marked thereon, forms part of this specification, and in which—

Figure 1 is a front elevation of a lantern constructed with the improved globe-holder, and Fig. 2 is a top or plan view of the improved globe-holder detached.

Like letters of reference made use of in the several figures indicate like parts.

General Description.

This invention relates more particularly to that style of lantern known as the "Tubular," in which a pair of tubes descends from the dome to the base of the lantern, and outside of the globe or glass, for the purpose of creating a current of air to supply the burner; and our invention consists of a device for holding the globe in position, said device being supported from one of the tubes, and engaging the top rim of the globe at two points, as will be presently more fully described.

To enable those skilled in the art to make and use our invention, we will proceed to describe the same with particularity, making reference in so doing to the aforesaid drawing.

A is the base or oil-pot, B B the tubes, C the dome, and D the globe of the lantern. The globe D rests or sits loosely upon the perforated plate or flange *d*, supported upon the cone of the lamp. The top of the globe comes nearly to the lower surface of the bell-mouth or dome C, but is not attached thereto. E E are two arms hinged to one of the tubes B at *b*, and provided at their free extremities with a hook or bent portion, *e e*, arranged to engage the top rim of the globe at two points of its circle. F is a third arm or lever, connected rigidly to

the arms E near the hinge, and is made of metal, to constitute a spring as well as a lever to operate the parts. The arms E are held in a horizontal position by the spring-lever F, which rests against the side of the tube B before the globe is in position.

Now, to place the globe in the lantern, it is only necessary to adjust it upon the plate *d*, which action will cause the hooks *e* to assume their proper position upon the upper edge of the globe, and the spring-lever will be swung out slightly from the tube. To secure the globe in its place the spring-lever F may be pressed toward the tube and be engaged by a hook or catch, *f*, upon said tube, the spring of the lever serving to keep the device tight and secure. This affords an exceedingly simple and inexpensive means of securing the globe in lanterns of this description; the globe, being held down from two points of its upper edge, cannot be shaken out.

We do not limit ourselves to the precise construction shown, as it is possible to support or secure the globe at two points of its upper edge by equivalent device; but,

Having described our invention, what we claim, and desire to secure by Letters Patent, is—

1. The combination of the globe D, plate or flange *d*, and tubes B, with a device for holding the globe in place when said device is attached to the tube B, and engages the globe at two or more points of the circle of its upper edge, substantially as specified and shown.

2. The device for a lantern-globe holder shown, consisting of the arms E E, with hooked ends *e e*, spring-lever F, hinge *b*, and catch *f*, all combined and arranged substantially as specified and shown.

3. The combination of the globe-holder and tube B, when said globe-holder is hinged to the tube, substantially as specified and shown.

J. S. DENNIS.

W. F. KISTLER.

Witnesses:

J. W. MUNDAY,
H. F. BRUNS.