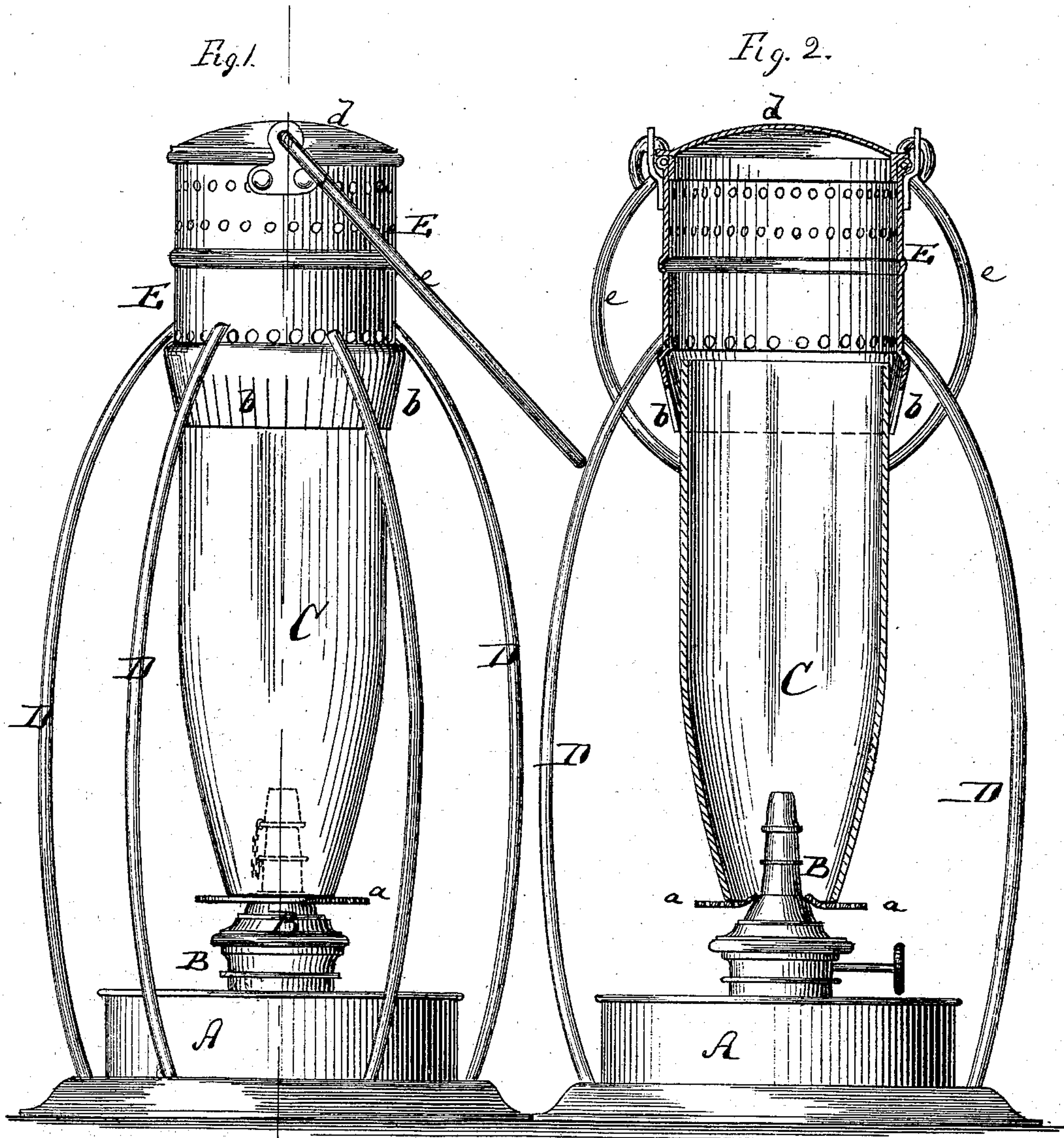


S. HUGHES.  
Lanterns.

No. 135,711.

Patented Feb. 11, 1873.



Witnesses:

John Becker  
C. Sedgwick

Inventor:

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# UNITED STATES PATENT OFFICE.

SEYMOUR HUGHES, OF JERSEY CITY HEIGHTS, NEW JERSEY.

## IMPROVEMENT IN LANTERNS.

Specification forming part of Letters Patent No. **135,711**, dated February 11, 1873.

*To all whom it may concern:*

Be it known that I, SEYMOUR HUGHES, of Jersey City Heights, in the county of Hudson and State of New Jersey, have invented a new and Improved Lantern, of which the following is a specification:

Figure 1 is a side view, and Fig. 2 a vertical central section, of my improved lantern.

Similar letters of reference indicate corresponding parts.

The object of this invention is to simplify the construction of lanterns, and to reduce the expense of making the same, and of keeping them in repair. The improvement consists in constructing the crown or upper metal portion of the lantern with a view to allowing the ready removal and insertion of the globe for its adjustment up and down, and for holding the same when elevated above the lamp, as hereinafter fully described.

The globe is of such form that an ordinary sun-burner lamp-chimney can be used for a lantern-globe when inverted.

In the drawing, the letter A represents the base of the lantern. It is made to contain an oil-reservoir if the lantern is intended to burn oil, and a burner, B, of suitable kind; or if a candle is to be burned, a suitable candle-holder projects from the base. Whether candle-holder or burner is used, a perforated plate, *a*, is placed so as to surround the same, and constitute the support for the globe C, and the means for admitting air to the flame. D D are the wires, which constitute the lantern-guards and support the dome or crown E of the lantern. This dome or crown is made of sheet-metal, by preference of cylindrical form, and has its lower end slitted at short intervals, and moderately bent in as at *b b*. The globe C is from above pushed through the crown E,

and is held by the spring which is produced by the slitting of the lower part of the crown. Thus the globe can be pushed up and down, and will be held at any height by these springs *b b*.

From Fig. 2 it will clearly appear that the globe used on this lantern may be in the form of an inverted lamp-chimney, and therefore cheap and easily replaced.

When the lamp is to be lit, it is only necessary slightly to elevate the globe in the crown, and thereby expose the wick of the lamp or candle in the desired manner. The cover *d* of the crown can be kept in place by the hinged ends of the bail *e*, so that the cover can only be removed by springing the ends of the bail somewhat apart.

The simplicity of this lantern will fully appear from the above, and its consequent value to all persons who require the use of lanterns but are unable to obtain the more expensive kinds now in use.

If by accident the globe should break, it can be rapidly and easily replaced by an ordinary chimney, readily obtainable.

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

The crown or dome E slitted at the lower edge to form the spring-holding jaws *d d*, and made open or provided with a removable cover at its upper end, as shown and described, whereby the globe C may be inserted or removed through said crown, and adjusted and supported therein, as set forth.

SEYMOUR HUGHES.

Witnesses:

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