

C. H. LYMAN.
LANTERN.

No. 169,457.

Patented Nov. 2, 1875.

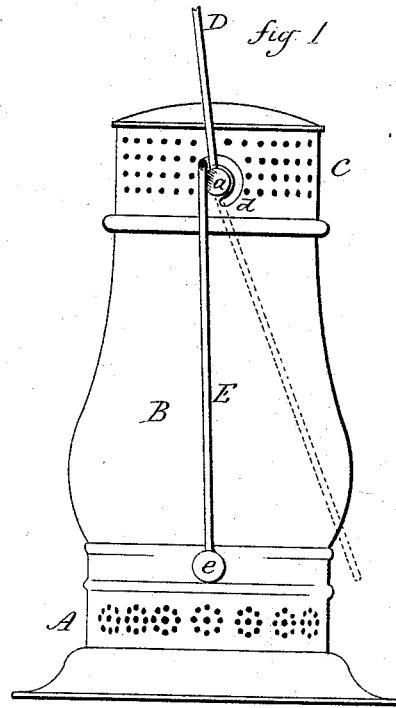
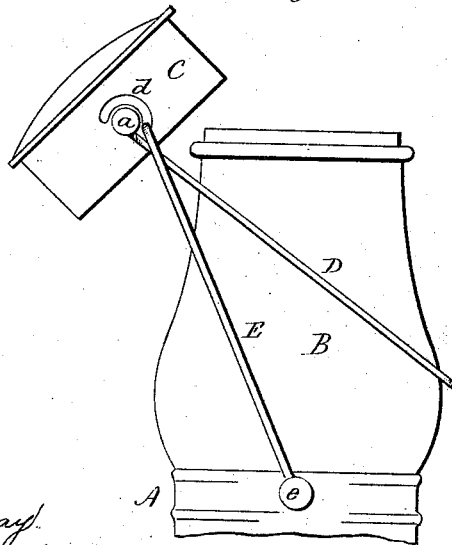


fig 2.



Witnesses:
A. S. Shinnway.
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Inventor
By Atty:
J. M. Earle

UNITED STATES PATENT OFFICE.

CHARLES H. LYMAN, OF WEST MERIDEN, CONNECTICUT, ASSIGNOR TO THE
BRADLEY AND HUBBARD MANUFACTURING COMPANY, OF SAME PLACE.

IMPROVEMENT IN LANTERNS.

Specification forming part of Letters Patent No. **169,457**, dated November 2, 1875; application filed
August 9, 1875.

To all whom it may concern:

Be it known that I, CHARLES H. LYMAN, of West Meriden, in the county of New Haven and State of Connecticut, have invented a new Improvement in Lanterns; and I do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent in Figure 1 side view; Fig. 2, side view illustrating the method of removing the globe.

This invention relates to an improvement in that class of lanterns which are constructed so that the globe may be easily removed for cleaning and other purposes; and it consists in constructing the top with a segmental slot upon each side, substantially concentric to the pivots by which the bail is hinged, combined with a yoke or rods hinged to the base, extending up to and so that the upper ends will work in the said slots, and so that when the bail is turned upward, as for carrying the lantern, the said rods will be held in the higher part of the slot, and that when the bail is turned down the upper ends of the yoke may be turned back or down in the said slots, so as to allow the top to be removed from the globe, and the globe from the base, all as more fully hereinafter described.

A is the base, B the globe, C the top or cap, of substantially the usual form. The bail D is pivoted to the top upon opposite sides, as at *a*, and in substantially the usual manner. In the top, upon the same sides as the pivots, there is formed a slot, *d*, substantially concentric with the pivot *a*, and extending about one-half of a circle, or an equivalent therefor, commencing above and running around below

the pivot. E is a rod or yoke hinged to the base, one upon each side, as at *e*, extending up and hung into the said slots *d*, the length of these rods or yoke being such that when the cap is on the globe and the rods in the higher portion of the slot it will securely bind the parts together, and so that when the yoke is turned back in the slot the cap may be raised, as denoted in Fig. 2. The globe is set upon the base, and the cap upon the top of the globe. Then the yoke is forced up the slots *d* into the pivot, as seen in Fig. 1. The bail is pivoted relatively to the said slot, so that when the bail is raised, as in the position in Fig. 1, it will tend to throw the upper ends of the yoke up and over into their locking positions, and that when so held the yoke cannot be released; hence, when the lantern is being carried by the bail, there is no possibility of the derangement of the parts, and the construction is such that when desirable the parts may be easily and readily separated.

I am aware of the patent of John A. Evarts, No. 149,734, and do not wish to be understood as claiming anything shown in said patent, my invention being an improvement upon the said Evarts' patent.

I claim—

The combination of the base, globe, and cap of a lantern, the said cap constructed with the segmental slots *d*, and with a yoke or rods hinged to the base, and extending up and working in said slots, and the bail D pivoted to the cap substantially concentric to said segmental slots, substantially as specified.

CHARLES H. LYMAN.

Witnesses:

CHAS. F. LINSLEY,
HENRY E. JOHNS.