

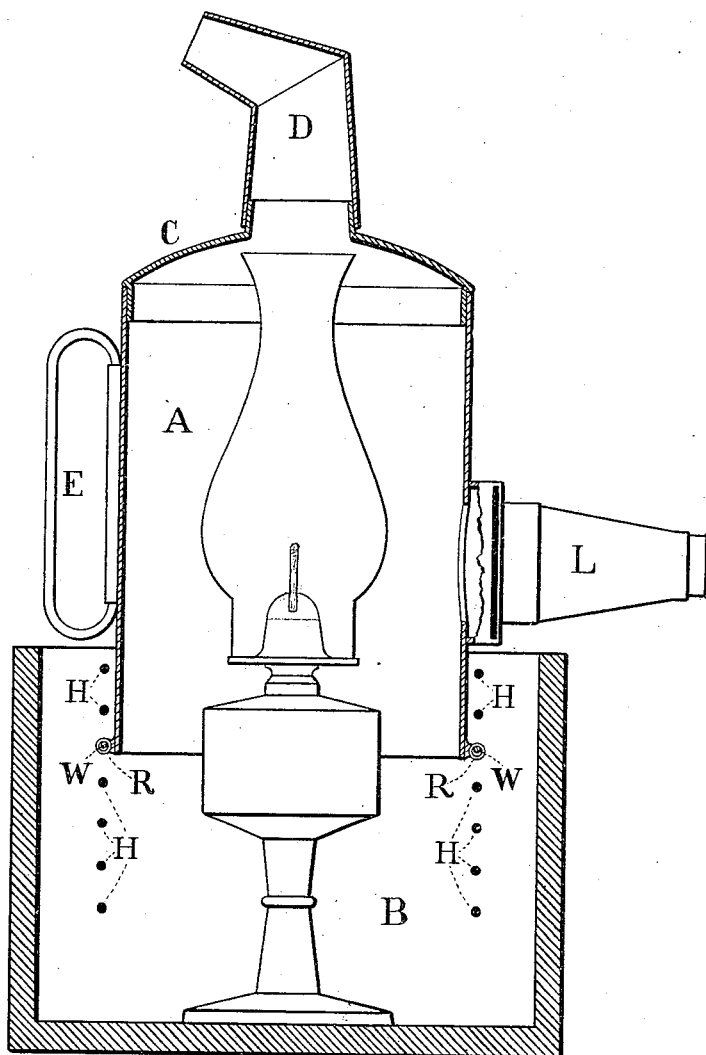
(No Model.)

J. B. UPHAM.

MAGIC LANTERN.

No. 263,369.

Patented Aug. 29, 1882.



WITNESSES;

*H. W. Webb*

*Richd A. Goldsborough.*

INVENTOR

*James B. Upham.*

*Per A. B. Upham.*

*Attorney in fact.*

# UNITED STATES PATENT OFFICE

JAMES B. UPHAM, OF BOSTON, MASSACHUSETTS.

## MAGIC LANTERN.

SPECIFICATION forming part of Letters Patent No. 263,369, dated August 29, 1882.

Application filed April 7, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES B. UPHAM, of Boston, in the county of Suffolk and State of Massachusetts, have invented an Improved Magic Lantern; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the annexed drawing, making a part of this specification, in which the figure represents a vertical section through center.

The object of this invention is the construction of a magic lantern which shall be adapted for illumination by any lamp such as is ordinarily used in households.

The box B serves not only as a receptacle into which the lantern proper can be packed for transportation or storage, but as an adjustable support for said lantern.

The body of the magic lantern consists of the cylinder A, having handles E and lens L. Said cylinder A is supported by means of the wires W, passing through the holes H of the box B, and also through the short pipes R soldered to lower opposite sides of said cylinder A. The removable cover C of the cylinder A has a central opening, over which a bent tapering section of pipe, D, can be secured, detachable at pleasure.

My magic lantern is operated as follows: We take any ordinary household-lamp, light it, and place it upon the center of the bottom of the box B. The cylinder A is now placed down about the lamp until the center of its flame is just in line with the center of the lenses L and held in this position by the wires

W, running through the short pipes R and whichever holes H are the nearest in line therewith. The lens L being adjusted and cover C and pipe D placed in position upon the cylinder A, the magic lantern is all complete and ready for use. To prevent any glimmer of light escaping except through the lens, a black cloth can be thrown around the cylinder A upon the open top of the box B. I make said box B of such a size as to conveniently hold the cylinder A when the lens L and pipe or chimney D have been detached from each other and packed within said box.

What I claim as my invention, and for which I desire Letters Patent, is as follows, to wit:

1. The box B, having series of holes H, in combination with the wire W, cylinder A, having short sections of pipe R, lenses L, cover C, and pipe or chimney D, substantially as and for the purpose specified.

2. As a magic lantern, the lens L, cover C, and chimney D, in combination with the cylinder A, arranged to be supported over an ordinary household-lamp, N.

3. The cylinder A, having lens L and cover C, in combination with the box B, arranged to support said cylinder A at any needed height, for the purpose set forth.

In testimony that I claim the foregoing invention I have hereunto set my hand this 21st day of March, 1882.

JAMES B. UPHAM.

Witnesses:

JOHN H. HARDY,  
SAMUEL J. ELDER.