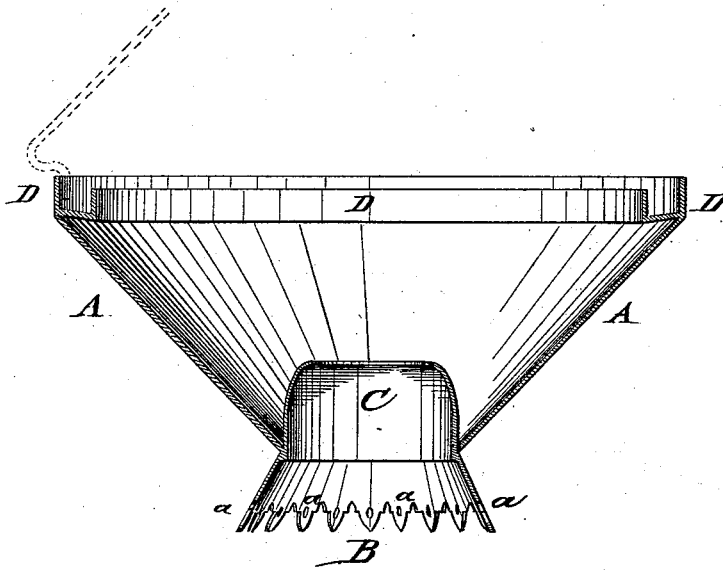


H. L. IVES.

LAMP-SHADE HOLDER.

No. 189,102.

Patented April 3, 1877.



WITNESSES:

Chas. Nida
J. H. Scarborough

INVENTOR:

H. L. Ives.
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ATTORNEYS.

UNITED STATES PATENT OFFICE.

HIRAM L. IVES, OF TROY, NEW YORK, ASSIGNOR TO HIMSELF AND
T. HENRY DUTCHER, OF SAME PLACE.

IMPROVEMENT IN LAMP-SHADE HOLDERS.

Specification forming part of Letters Patent No. **189,102**, dated April 3, 1877; application filed
February 26, 1877.

To all whom it may concern:

Be it known that I, HIRAM L. IVES, of Troy, in the county of Rensselaer and State of New York, have invented a new and Improved Lamp-Shade Holder, of which the following is a specification:

The accompanying drawing represents a vertical central section of my improved lamp-shade holder.

This invention relates to an improved illuminating shade-holder for lamps, by which different-sized shades may be used, and a more perfect combustion and brighter light without the use of a chimney produced.

The invention will first be described in connection with the drawing, and then pointed out in the claims.

In the drawing, A represents a lamp-shade holder that is made of inverted conical shape and of transparent glass, the angle of the sides being so arranged that the rays of light are reflected from the shade at the opposite side of holder in the most favorable manner to produce the greatest amount of light.

The holder A is provided with a widening base part, B, that is provided with a scalloped bottom edge and suitable perforations *a*.

A dome-shaped glass section, C, extends from the base B upward into the holder, extending around and above the burner, whereby the air is carried directly from the lower draft-holes to the flame, to produce the more perfect combustion of the vapors. The holder and dome-section may be made in one piece or in separate pieces, as desired.

The upper circumference of the shade-holder A is provided with two flanges, D, of which the inner flange is supported on an inclined collar, and slightly below the level of the outer flange, so that a shade seated on the inner flange will almost touch the outer flange and form a neater finish therewith.

The flanges admit the use of different-sized shades, which are seated thereon, forming an intimately-closing joint between the shade and holder. The flame burns with a bright and steady light without the use of a chimney, as it receives a direct air-supply through the bottom holes and interior dome-section, and as the holder and shade together form a chimney, and keep out any draft of air.

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

1. A lamp-shade holder of inverted conical shape, having two flanges at the upper circumference, to admit the use of shades of different size, substantially as specified.

2. A lamp-shade holder of inverted conical shape, and provided with two flanges, at the upper circumference of which the inner flange rises from an inclined collar, being below the level of the outer flange, substantially as described.

HIRAM L. IVES.

Witnesses:

PAUL GOEPEL,
T. HENRY DUTCHER.