

(No Model.)

H. HOHENSTEIN.

LAMP SHADE HOLDER.

No. 342,012.

Patented May 18, 1886.

fig. 1.

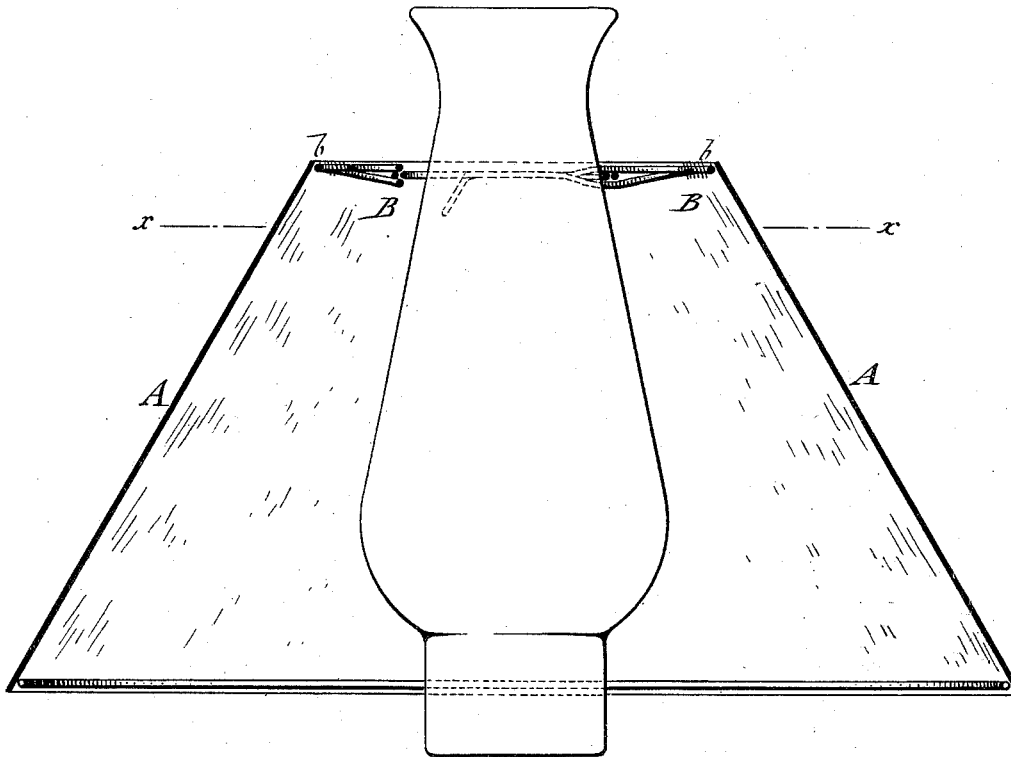
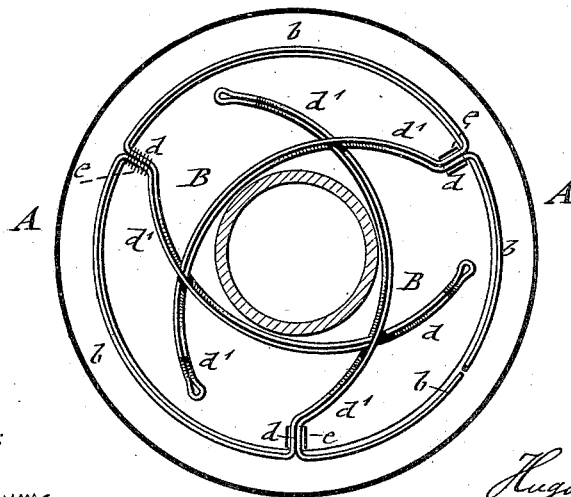


fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

HUGO HOHENSTEIN, OF NEW YORK, N. Y.

LAMP-SHADE HOLDER.

SPECIFICATION forming part of Letters Patent No. 342,012, dated May 18, 1886.

Application filed November 23, 1885. Serial No. 183,595. (No model.)

To all whom it may concern:

Be it known that I, HUGO HOHENSTEIN, of the city, county, and State of New York, have invented certain new and useful Improvements in Lamp-Shade Holders, of which the following is a specification.

This invention relates to an improved lamp-shade holder, and more especially to a holder by which lamp-shades made of paper are supported in a reliable manner directly on the chimney without being burned or injured by the heat; and the invention consists of a lamp-shade holder that is formed of wire with a circular frame attached to the upper edge of the shade, and with three inwardly-bent arc-shaped arms that interlock with each other and bear at three points on the chimney, so as to hold the shade steadily in position thereon.

In the accompanying drawings, Figure 1 represents a vertical central section of a lamp-shade made with my improved holder. Fig. 2 is a horizontal section of the same on line *x x*, Fig. 1, showing a bottom view of the holder.

Similar letters of reference indicate corresponding parts.

In the drawings, A represents a shade, of paper or other suitable material, to the upper edge of which is attached in any suitable manner my improved lamp-shade holder B, which is bent of one piece of wire without soldering. The holder B is formed of an exterior circular frame, *b*, that is composed of three sections and attached to the edge of the shade A. From the sections of the frame *b* extend inwardly short radial arms *d d* and arc-shaped extension-arms *d' d'*, which are bent of two wires running alongside of each other, as shown in Fig. 2. The arc-shaped arms *d' d'* interlock with each other by passing one arm through between the wires of the next adjoining arm, so as to impart thereby a greater degree of rigidity to the holder. The arms *d' d'* bind by spring action on the chimney at three points,

and support thereby the shade steadily in position thereon.

For the purpose of stiffening the holder so that the sections of the frame cannot be parted by straining, the short arms *d d* are connected by suitable fastening devices, such as a metallic sleeve, *e*, or a thin wire, *e'*, wound around the arms, as shown in Fig. 2. These fastening devices of the arms *d d* increase the spring of the arc-shaped arms *d' d'* and bind the parts of the holder together, so as to impart the required degree of stiffness to the same.

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

1. A lamp-shade holder consisting of a circular frame composed of wire and spring-arms extending inward therefrom, each of which is composed of a double wire, the wire of the frame and arms being in one piece, said arms being arc-shaped and interlocking with each other, substantially as described.

2. A lamp-shade holder consisting of a circular frame composed of wire and spring-arms extending inward therefrom, each of which is composed of a double wire, the wire of the frame and arms being in one piece, and fastening devices for binding the doubled strands of the arms at their junctions with the frame, substantially as described.

3. A lamp-shade holder consisting of a circular frame composed of a wire and spring-arms extending inward therefrom, each of which is composed of a doubled wire, the wire of the frame and arms being in one piece, said arms being arc-shaped and interlocked by the body of one being passed between the wires of another, substantially as described.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

HUGO HOHENSTEIN.

Witnesses:

PAUL GOEPEL,
SIDNEY MANN.