

Lamp Shade.

Patented Feb. 4, 1862.

FIG. 1.

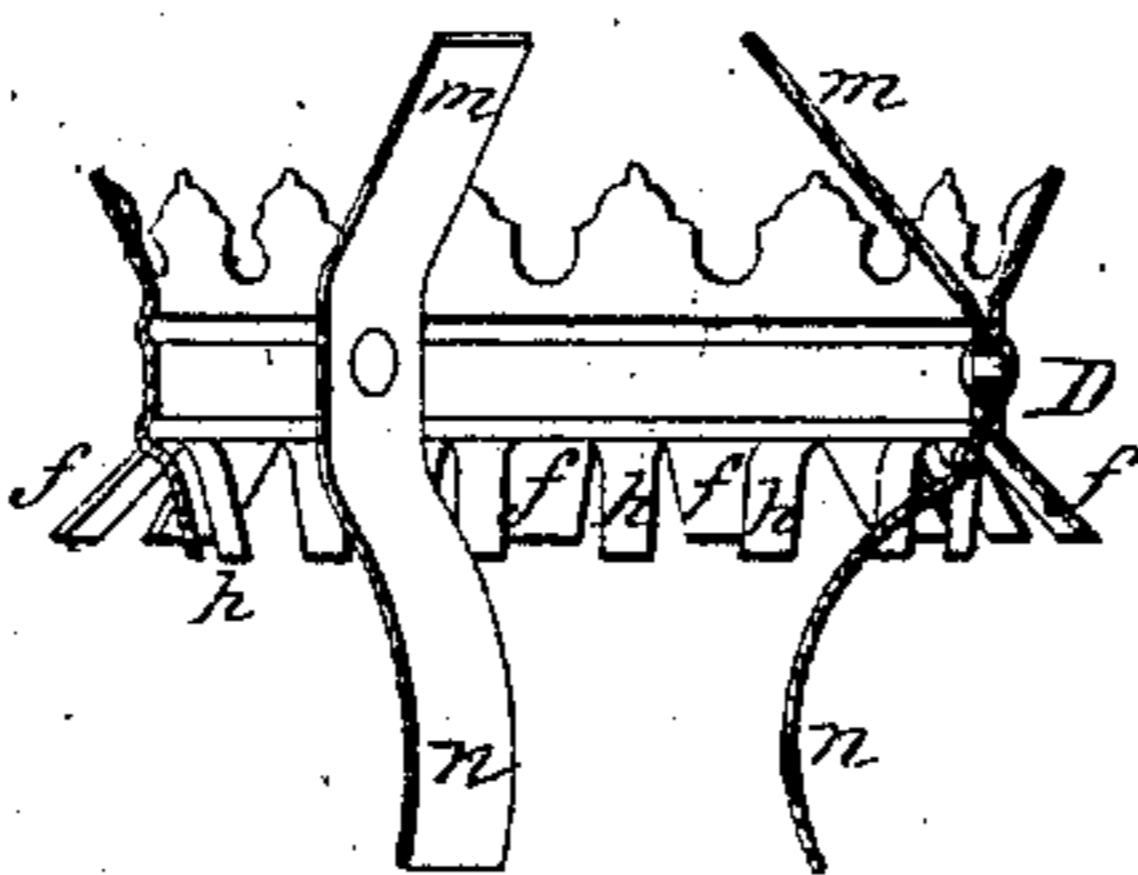


FIG. 2.

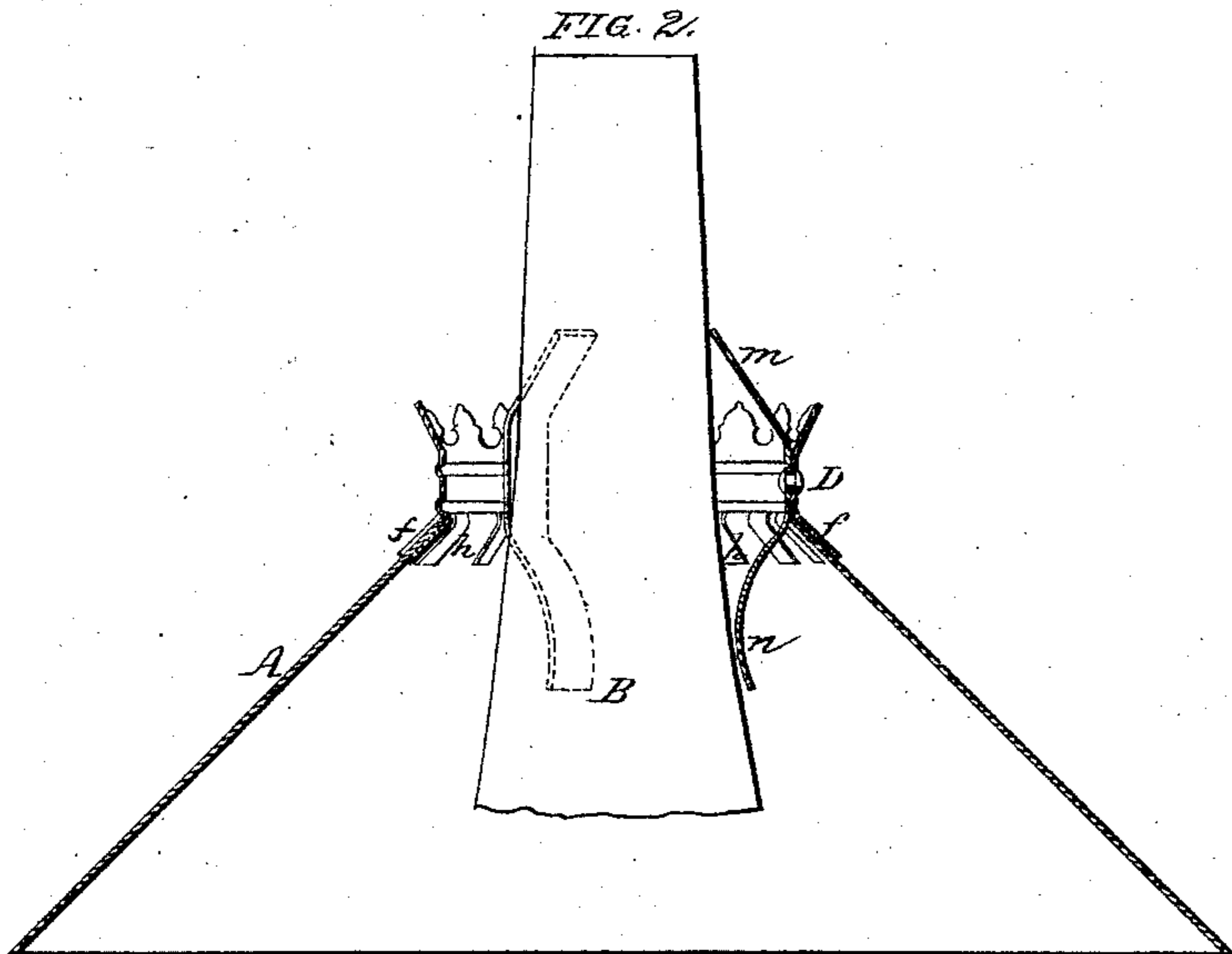


FIG. 3.

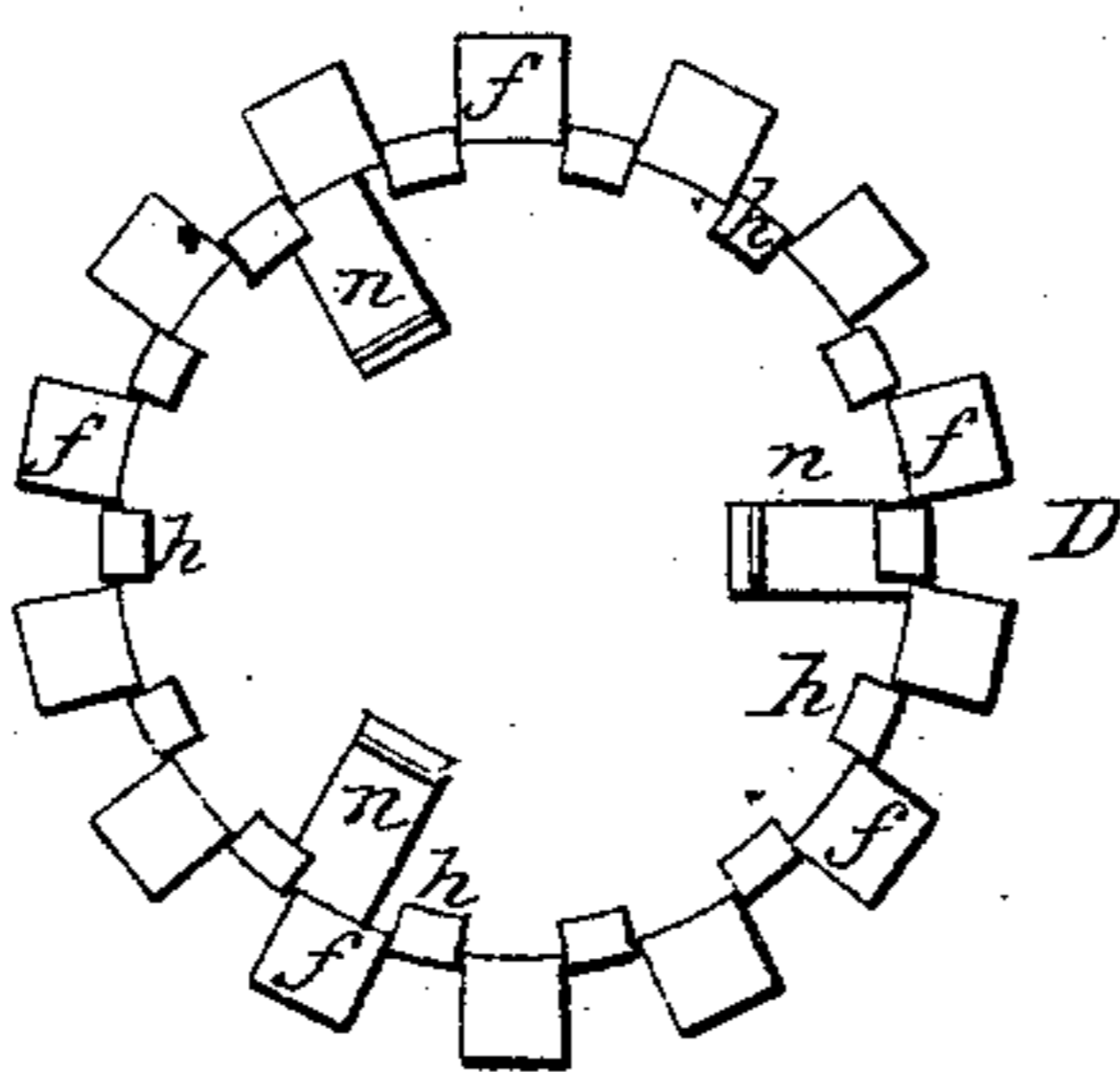


FIG. 5.



FIG 6.



FIG. 4.



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UNITED STATES PATENT OFFICE.

CHRISTIAN REICHMAN, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO
GUSTAV WEDEKIND, OF SAME PLACE.

IMPROVED CLASP FOR LAMP-SHADES.

Specification forming part of Letters Patent No. 34,332, dated February 4, 1862.

To all whom it may concern:

Be it known that I, CHRISTIAN REICHMAN, of Philadelphia, Pennsylvania, have invented a new and Improved Clasp for Lamp-Shades; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

My invention relates to an improvement in the construction of metal clasps for attaching shades to the glass chimneys of lamps; and my improvement consists of a metal rib having lips for attachment to the shade, the said lips being formed by cutting the lower portion of the said ring, on the inside of which are any suitable number of springs for bearing against the chimney and maintaining the clasp in its proper position thereon, the whole being constructed and arranged substantially as described hereinafter, and forming a cheap, simple, and efficient clasp for the purpose desired.

In order to enable others to make and use my invention, I will now proceed to describe the manner in which it is constructed and applied.

On reference to the accompanying drawings, which form a part of this specification, Figures 1 and 2 are sectional views of my improved clasp for lamp-shades; Fig. 3, an inverted plan view; Fig. 4, a portion of the strip of metal as it appears prior to being formed into the desired clasp; and Figs. 5 and 6, sectional views of the clasp, illustrating the manner of securing it to the shade.

Similar letters refer to similar parts throughout the several views.

I first cut a strip of thin brass or other metal of a width sufficient for the depth of the desired clasp and long enough to form a ring of the required diameter. The upper edge of the strip may be so cut as to form the scalloped ornament, (seen in Fig. 4,) or it may be otherwise ornamented by stamping, embossing, &c. The strip is cut at regular intervals throughout its entire length, and in depth

from the point *x* to the lower edge *y*, the cuts being represented by the lines *d* and *e*, which thus form a series of lips *f* and *h*. The strip is now bent and its opposite ends riveted, soldered, or otherwise secured together, so as to form the ring D. (Shown in Fig. 3.) After this the lips are bent outward to an angle corresponding with that of the shade A, the lips *h* being in the first instance bent slightly inward, so that the ring may rest on the upper edge of the shade in the position shown by Fig. 5, after which the lips *f* are bent outward and pressed tight against the inside of the shade, which is now securely clasped between the lips *f* and *h*, as seen in Figs. 2 and 6. To the inside of the ring are secured three bent strips of metal, the upper ends of these strips forming the springs *m m* and the lower ends forming the springs *n n*, these springs being so bent that all six will bear against the glass chimney and serve to maintain the ring, and with it the shade, at its proper altitude on and concentric with the said chimney, as seen in Fig. 2.

The ring D may be made from a flat disk or plate by the process known as "spinning."

It will be evident without further description that my improved clasp is cheap and simple as regards construction and that it effectually accomplishes the desired end.

I claim as my invention and desire to secure by Letters Patent—

The clasp composed of the metal ring D, having lips *f* and *h*, formed by cutting the lower portion of the ring, and any convenient number of springs *m* and *n* or their equivalents, the whole being constructed and arranged for attachment to the shade and chimney of a lamp, substantially as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CHRISTIAN REICHMAN.

Witnesses:

HENRY HOWSON,
CHAS. HOWSON.