

(No Model.)

2 Sheets—Sheet 1.

G. W. BALDWIN.
LAMP SHADE SUPPORT.

No. 441,632.

Patented Dec. 2, 1890.

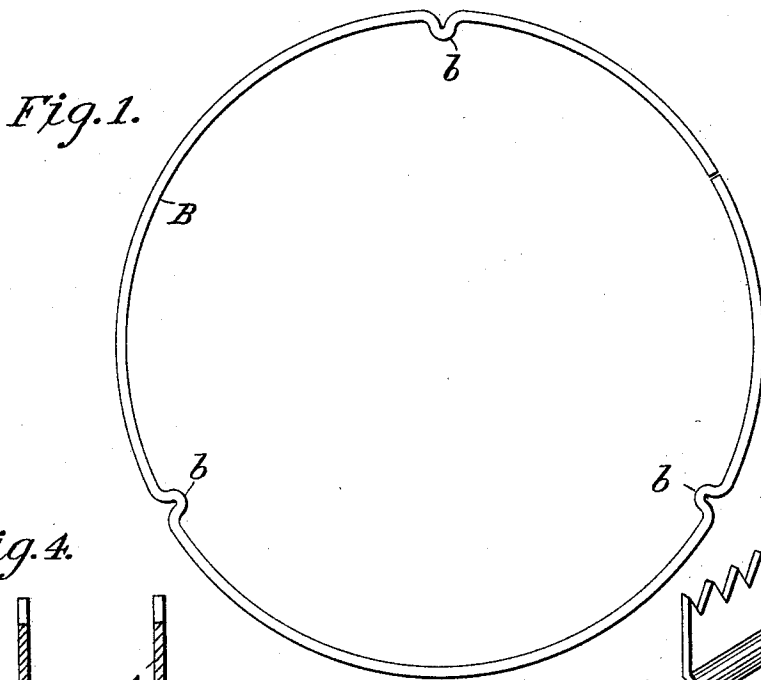


Fig. 4.

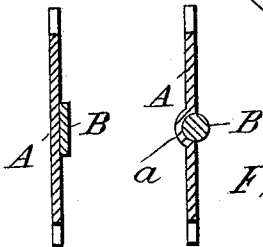


Fig. 5.



Fig. 3.

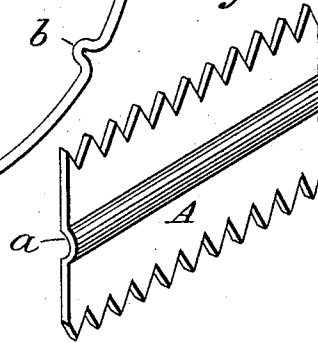
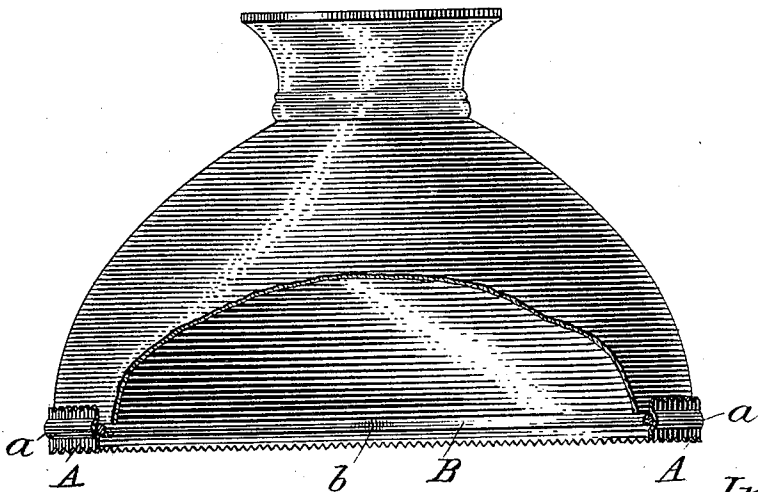


Fig. 2.



Witnesses:

D. B. Miller.

Geo. H. Suttenden

Inventor:

Geo. W. Baldwin
per Geo. H. Suttenden *Atty.*

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Fig. 6.

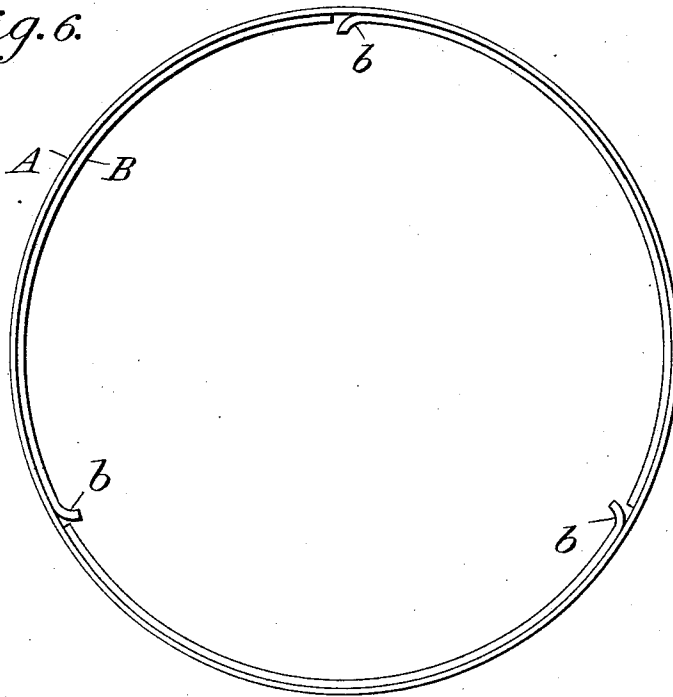
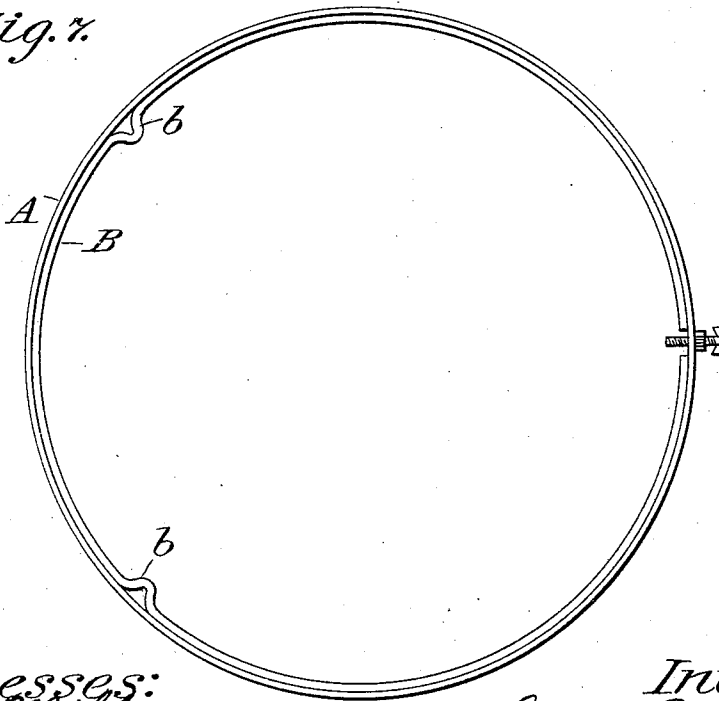


Fig. 7.



Witnesses:

L. B. Miller.
Geo. W. Chittenden

Inventor:

Geo. W. Baldwin
per Geo. H. Cooper atty.

UNITED STATES PATENT OFFICE.

GEORGE W. BALDWIN, OF MERIDEN, CONNECTICUT, ASSIGNOR TO EDWARD MILLER & COMPANY, OF SAME PLACE.

LAMP-SHADE SUPPORT.

SPECIFICATION forming part of Letters Patent No. 441,632, dated December 2, 1890.

Application filed June 5, 1890. Serial No. 354,419. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. BALDWIN, a citizen of the United States, residing at Meriden, New Haven county, Connecticut, have invented a new and useful Improvement in Lamp-Shade Supports, of which the following is a specification.

My invention relates to lamp-shade supports consisting of a band surrounding the shade at either its upper or lower edge and provided with internal lugs adapted to form a seat or rest for said shade, in combination with an inner stiffening-rib.

In the accompanying drawings, Figure 1 is a plan view of a stiffening-ring. Fig. 2 is an elevation of the shade and shade-support partly broken away. Fig. 3 represents in perspective a portion of the strip from which the shade-band is made. Figs. 4 and 5 show in vertical section two different forms of shade-band and stiffening-rib. Figs. 6 and 7 are plan views of shade-bands and stiffening-ribs, showing modifications.

The same letters refer to like parts in the several views.

A designates a shade-band; *a*, a groove in the band A; B, a stiffening-rib; *b*, a bend in the rib B.

Lamp-shade supports consisting of a band surrounding and extending somewhat below the lower edge or the upper flange of the shade are well known in the art, and it is customary, especially in hanging lamps where shades of large diameter are used, to strengthen this supporting-band by an inner stiffening-rib. One form of metal strip of which these bands are made is shown in perspective in Fig. 3 of the drawings, and in Figs. 4 and 5 two well-known forms of the band and stiffening-rib are shown. Where the rib B is made of round wire, as shown in Fig. 5, it is usually sprung into a groove *a* in the band A, and may be secured by soldering or otherwise. Where the rib B is formed from a flat strip of metal, as in Fig. 4, the groove *a* in the band A is preferably omitted, the rib B being secured to the band A by riveting or in any desired manner.

Heretofore it has been customary to support the shade within the band A either on a

flange formed by turning inward the lower edge of the band or on a plurality of inwardly-projecting lugs riveted, soldered, or otherwise secured to the band. My invention dispenses with this flange or the separate lugs, both of which are objectionable, the one as interfering with the ornamentation of the lower edge of the band, as by scalloping, and the other as requiring considerable additional labor and some stock. In my device the shade is supported on interiorly-projecting lugs formed integrally with the stiffening-rib.

In the example of my invention shown in Figs. 1 and 2 of the drawings the stiffening-rib B is a ring of wire or strip of metal of an exterior diameter adapted to fit within the band A or a groove *a* made therein, and provided with three interiorly-projecting loops or bends *b*, which are adapted to serve as seats or rests for the shade.

The ring B may be of any desired cross-section, as indicated by Figs. 4 and 5, and may be embedded in a groove *a* formed in the band A, if desired. It may be secured to the band A in any well-known manner.

In Fig. 6 of the drawings the rib B is shown as made of three pieces instead of a single piece. One end of each piece is turned inward, as before, to form a rest for the shade. I prefer the integral ring shown in Fig. 1 to the pieced rib in Fig. 6 as being stiffer, and for this reason permitting the use of lighter metal in the band A. Both these forms of construction are especially adapted to a shade-band of sufficient diameter to embrace and support the shade at its lower edge.

In Fig. 7 I have shown a band particularly adapted to receive a flange or bead at the top of the shade. In this case the shade is removable from below the band or crown, and I have shown the rib B provided with two loops or bends *b*, adapted to engage with the flange of the shade, while the band A is further provided with an adjusting-screw, also adapted to engage with said flange. By retracting this screw the flange may be disengaged from the lugs *b* and the shade withdrawn.

It is obvious that many mechanical changes may be made in my device without departing from my invention, which I hold to include a

shade-supporting band provided with an interior stiffening-rib, a portion of which is turned inward to form a seat or rest for the shade.

5 What I therefore claim, and desire to secure by Letters Patent of the United States, is as follows:

1. In combination, a shade-supporting band, a separate stiffening-rib secured within said
10 band, and a lug integral with said stiffening-rib and adapted to serve as a seat for the supported shade, substantially as described.

2. In combination, a shade-supporting band, a stiffening-rib within said band, and a plu-

15 rality of inward bends formed in said stiffening-rib and adapted to serve as seats for the supported shade, substantially as described.

3. In combination, a shade-supporting band, an annular groove in said band, a stiffening-rib in said groove, and a lug integral with said
20 stiffening-rib and adapted to serve as a seat for the supported shade, substantially as described.

GEORGE W. BALDWIN.

Witnesses:

GEO. L. COOPER,
ANNIE F. SANBORN.