

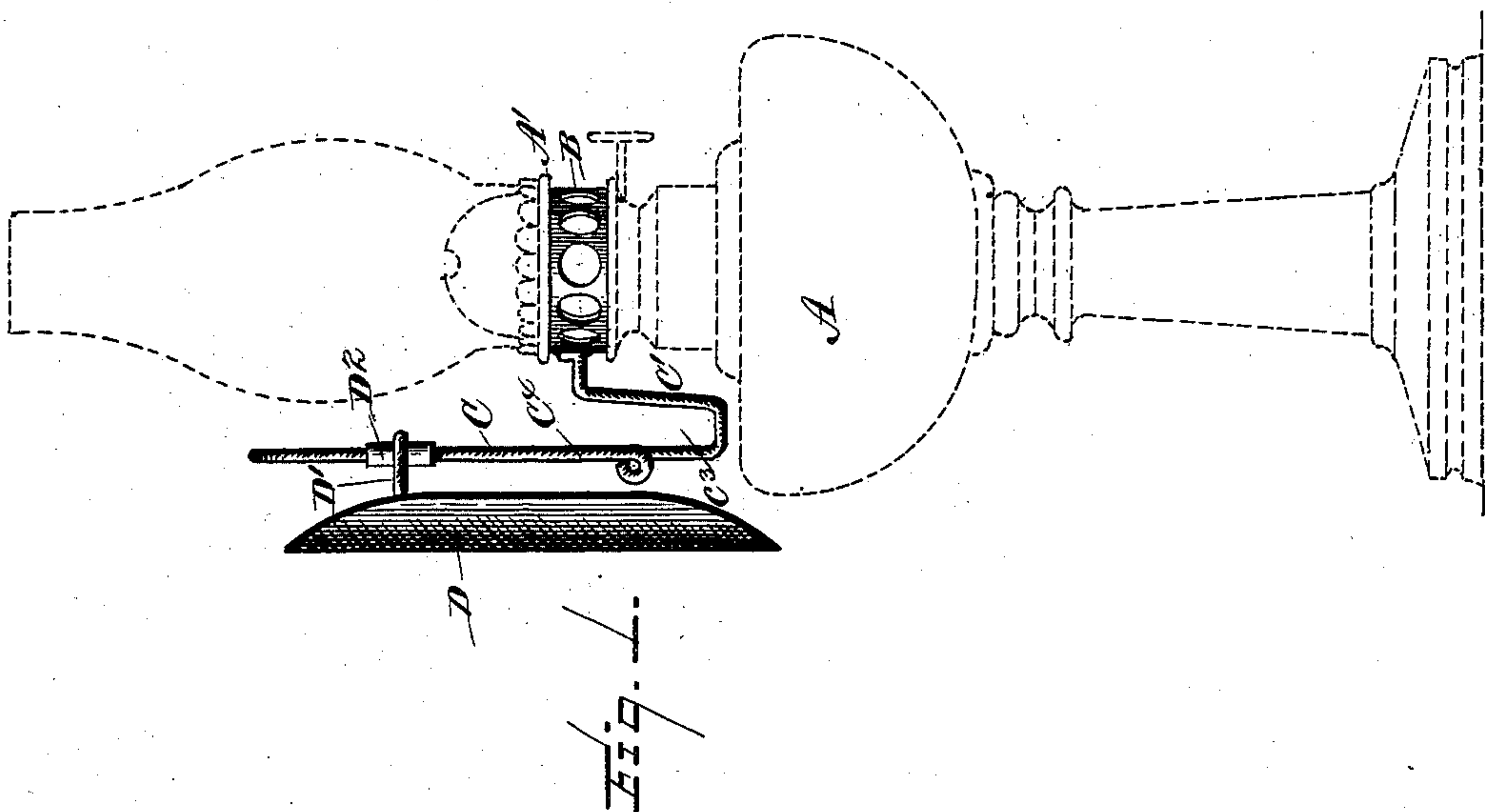
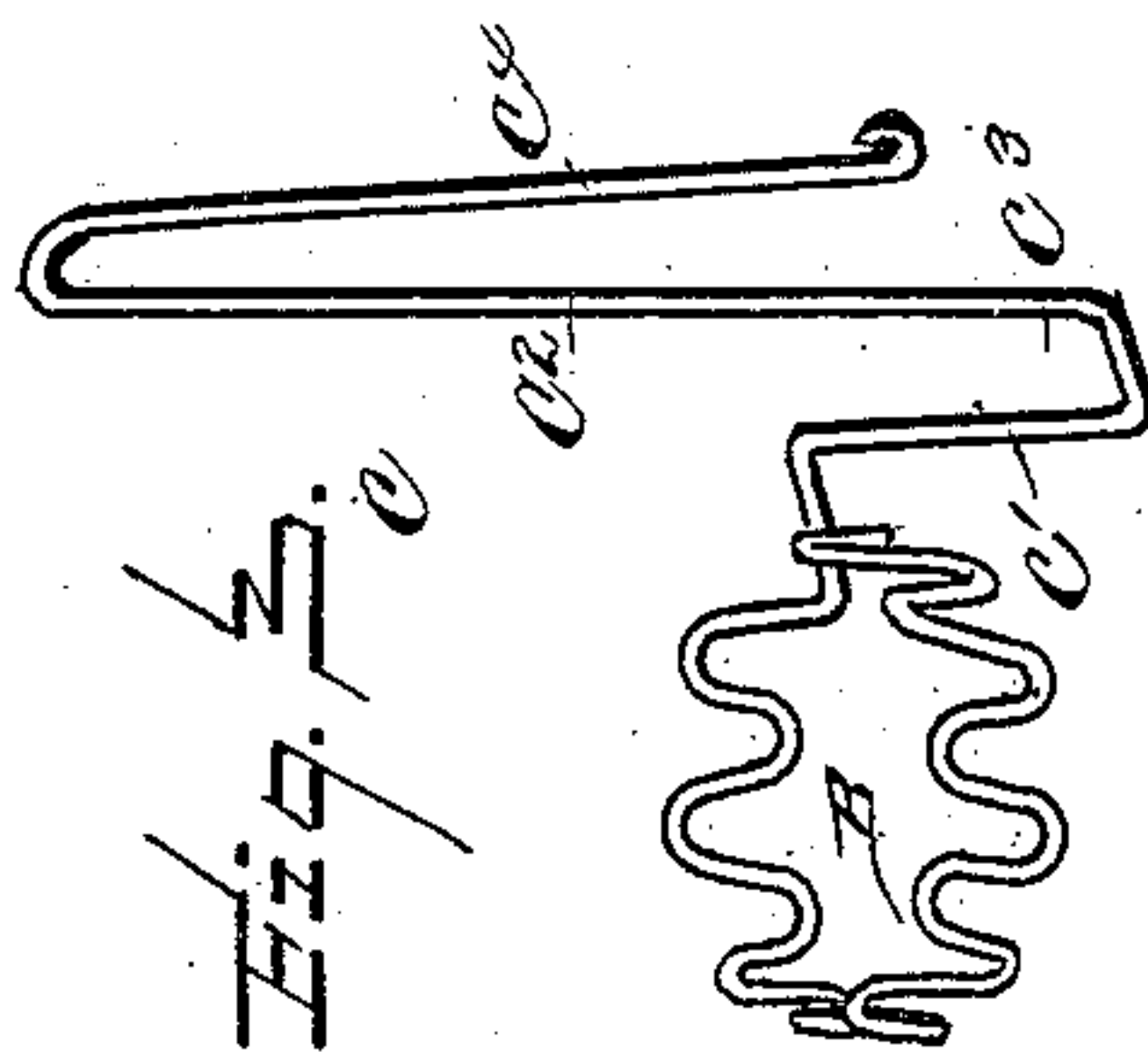
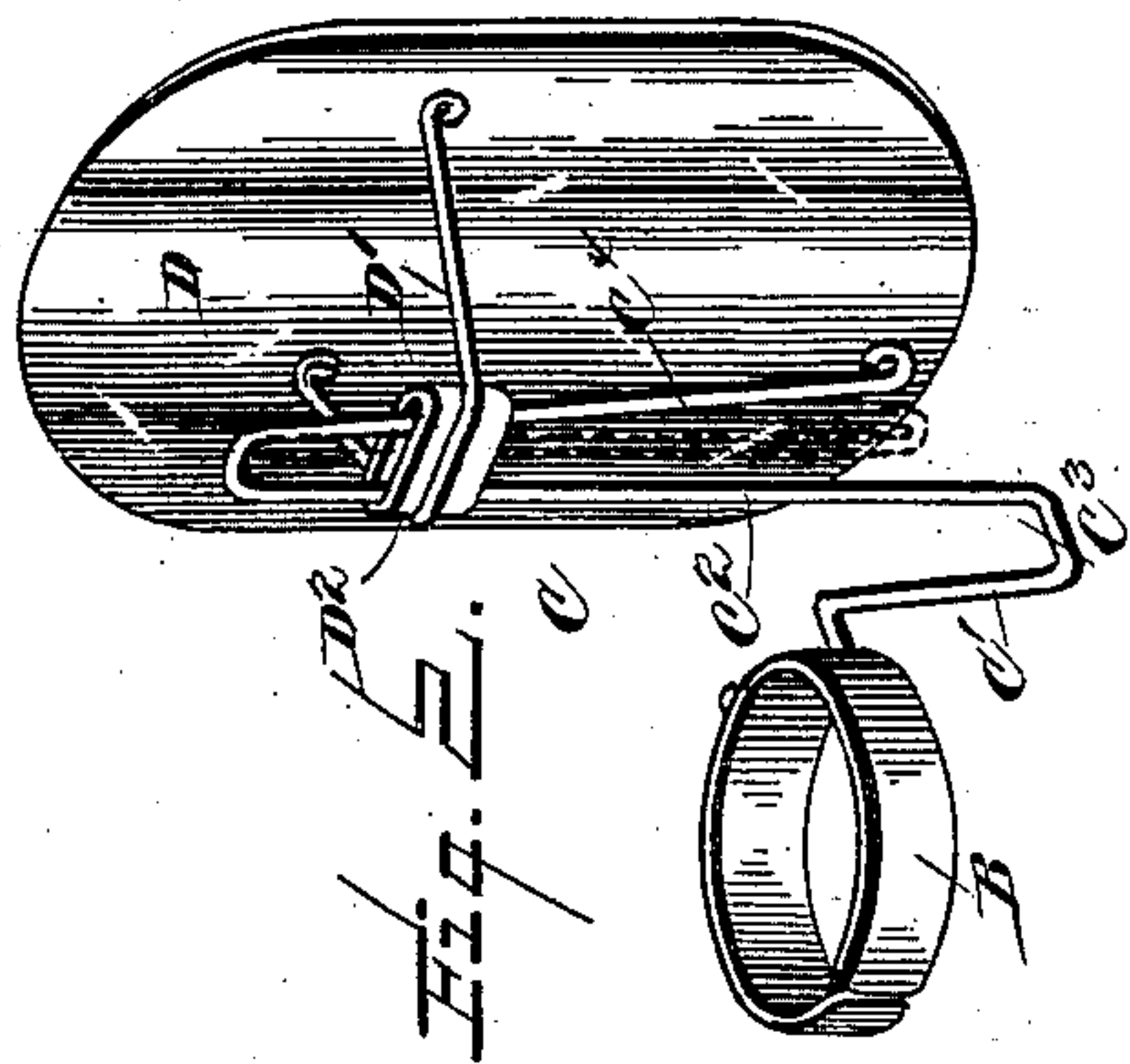
(No Model.)

G. E. BREHMER.

LAMP SHADE.

No. 373,219.

Patented Nov. 15, 1887.



Witnesses:

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Inventor:

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By *his* Attorney, *E. B. Stoeckert*

# UNITED STATES PATENT OFFICE.

GEORGE E. BREHMER, OF SYRACUSE, NEW YORK.

## LAMP-SHADE.

SPECIFICATION forming part of Letters Patent No. 373,219, dated November 15, 1887.

Application filed February 25, 1887. Serial No. 228,813. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE E. BREHMER, a citizen of the United States, residing at Syracuse, in the county of Onondaga and State of New York, have invented certain new and useful Improvements in Lamp-Shades, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to lamp-shades; and my object is to provide a shade applicable to different forms and sizes of lamps, that is readily adjustable for the purpose of preventing the rays of light from falling in undesired directions, and this by a simple, cheaply-manufactured means.

With these objects in view the invention consists in certain features of construction, hereinafter described, and particularly pointed out in the claims.

Referring to the drawings, Figure 1 is a side elevation of an ordinary lamp, shown in dotted lines, and provided with my improved shade. Fig. 2 is a perspective of the shade detached; and Fig. 3 is a modification, hereinafter described.

Like letters indicate like parts in all the figures.

A represents a lamp provided with the ordinary form of burner, having a cylindrical body, A', upon which, as usual, the shade is mounted.

B represents a resilient circular clamping-collar rotatably mounted on the burner, and in this instance of sheet metal, but which, if desired, may be formed otherwise, as will hereinafter appear.

Soldered or otherwise secured to the collar B is a wire shade-support, C, which is bent downwardly and upwardly, as at C' C', to form the depending portion C<sup>3</sup>, for the purpose of permitting the shade to be lowered a proper distance. The arm C<sup>2</sup> is projected to a point above the collar B and again bent upon itself in an opposite direction to form the locking-arm C<sup>4</sup>, the arms C<sup>2</sup> C<sup>4</sup> forming a standard or support for the shade.

D represents the shade, preferably of concavo-convex form, made of sheet metal, but which may be made in any suitable form, ornamented or not, and of a desirable material. If desired, the inner surface may be polished and otherwise finished, to serve the function

of a reflector, so that while reflecting the rays of light in one direction the shadow is cast in the opposite direction.

Projecting outwardly from the inner or concave surface of the shade D, and suitably secured thereto, is a bail, D', which embraces or is connected to a sleeve, D<sup>2</sup>, adapted to embrace and slide upon the supporting-standard formed by the two arms C<sup>2</sup> C<sup>4</sup>. As the latter arm is resilient, it is evident that by compressing or forcing it toward the arm C<sup>2</sup>, as shown by dotted lines, Fig. 2, the contact of the arm C<sup>4</sup> with the inside of the sleeve D<sup>2</sup> is broken, whereby the shade may be either allowed to fall by gravity or adjusted up or down by the hand to a desired point, when, by releasing the arm C<sup>4</sup>, it (the arm) will assume its normal or distended position and bind the sleeve and reflector in the desired position.

In Fig. 3 I have illustrated a modification, and it consists merely in forming the shade-supporting standard and collar B of a single piece of wire. In this instance the wire, after being bent to form the arms C<sup>2</sup> C<sup>4</sup> C', is carried in a circle horizontally and bent in zigzag form vertically to give the proper bearing to the same. This form may be found more desirable on account of its cheapness.

Having described my invention, what I claim is—

1. In a shade attachment for lamps, the combination of a collar adapted to embrace the burner thereof, and having a wire standard projected therefrom bent to form a depending sleeve-receiving portion, and a spring locking-arm, in combination with a shade having a bail provided with a sleeve mounted on the standard and adapted to be locked by said arm, substantially as specified.

2. The combination of the spring-collar B, the wire C, connected thereto, and bent, as at C' C', to form the depending sleeve-receiving portion C<sup>3</sup>, and having the spring locking-arm C<sup>4</sup>, with the shade D, provided with the bail D', and sleeve D<sup>2</sup>, substantially as specified.

In testimony whereof I affix my signature in presence of two witnesses.

GEORGE E. BREHMER.

Witnesses:

M. E. DRISCOLL,  
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