

E. T. STODDARD.

SHADE HOLDER.

APPLICATION FILED JULY 28, 1909.

967,458.

Patented Aug. 16, 1910.

Fig. 1.

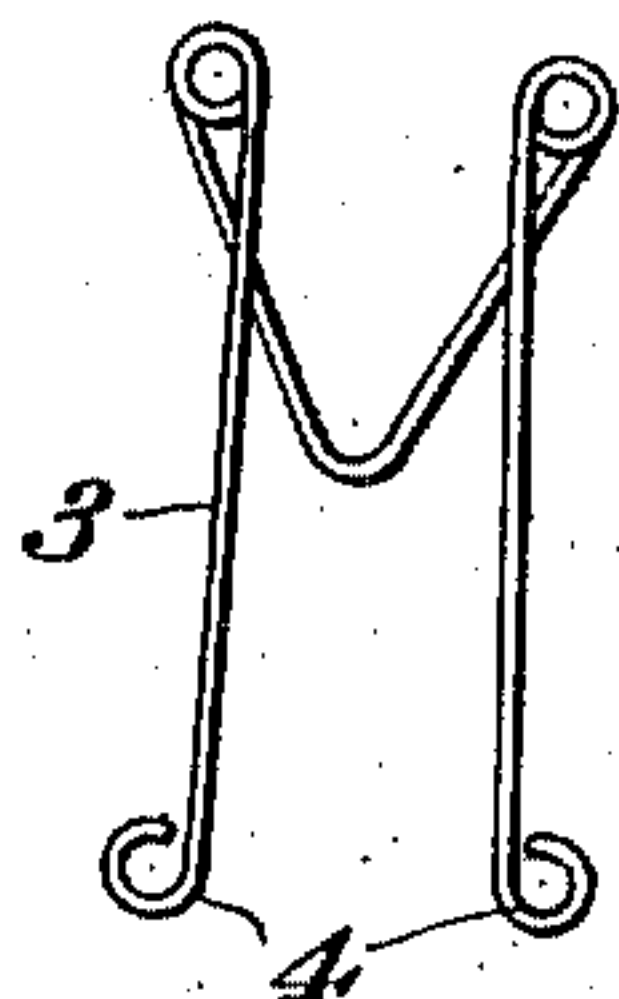
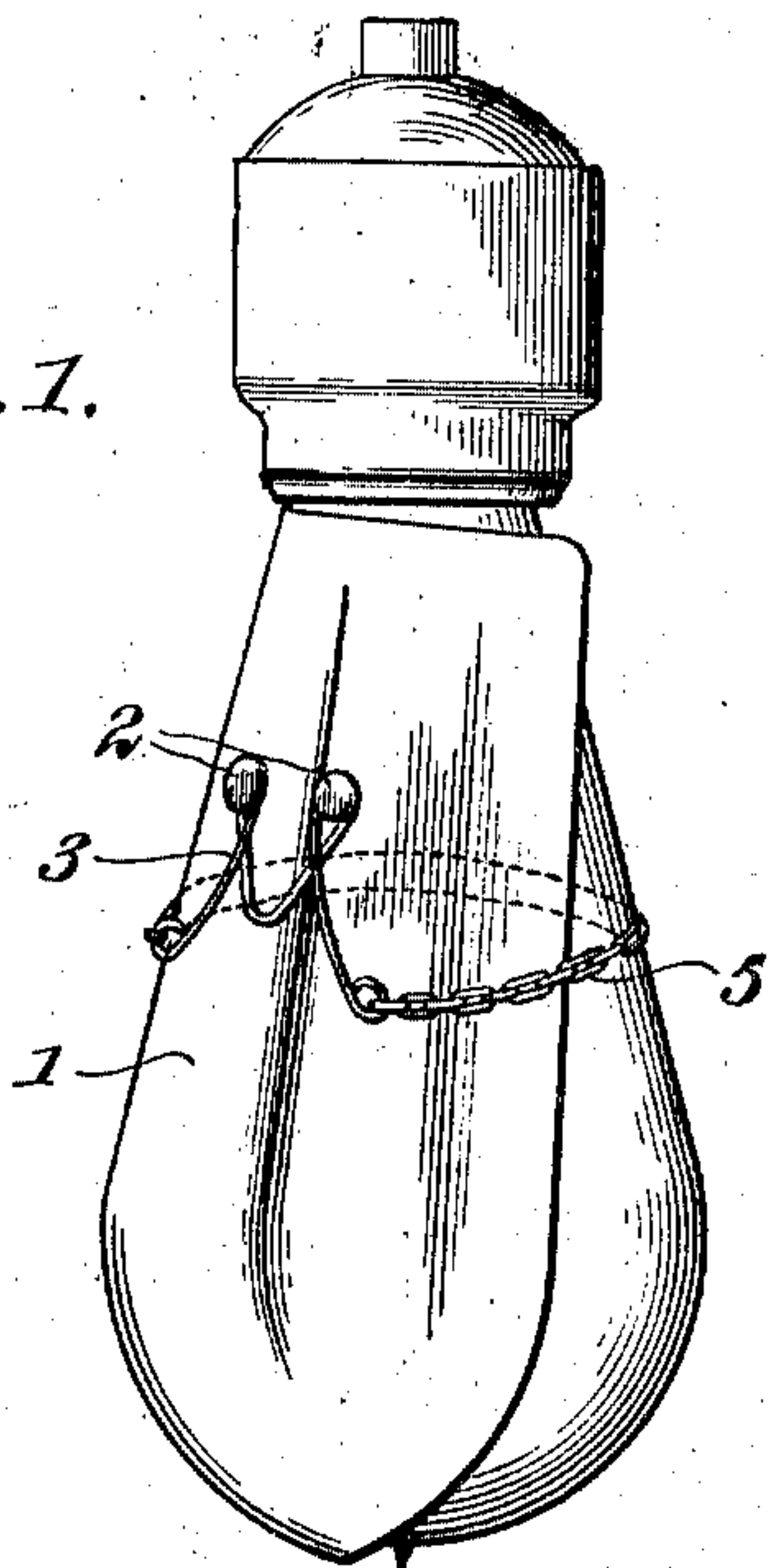


Fig. 3.

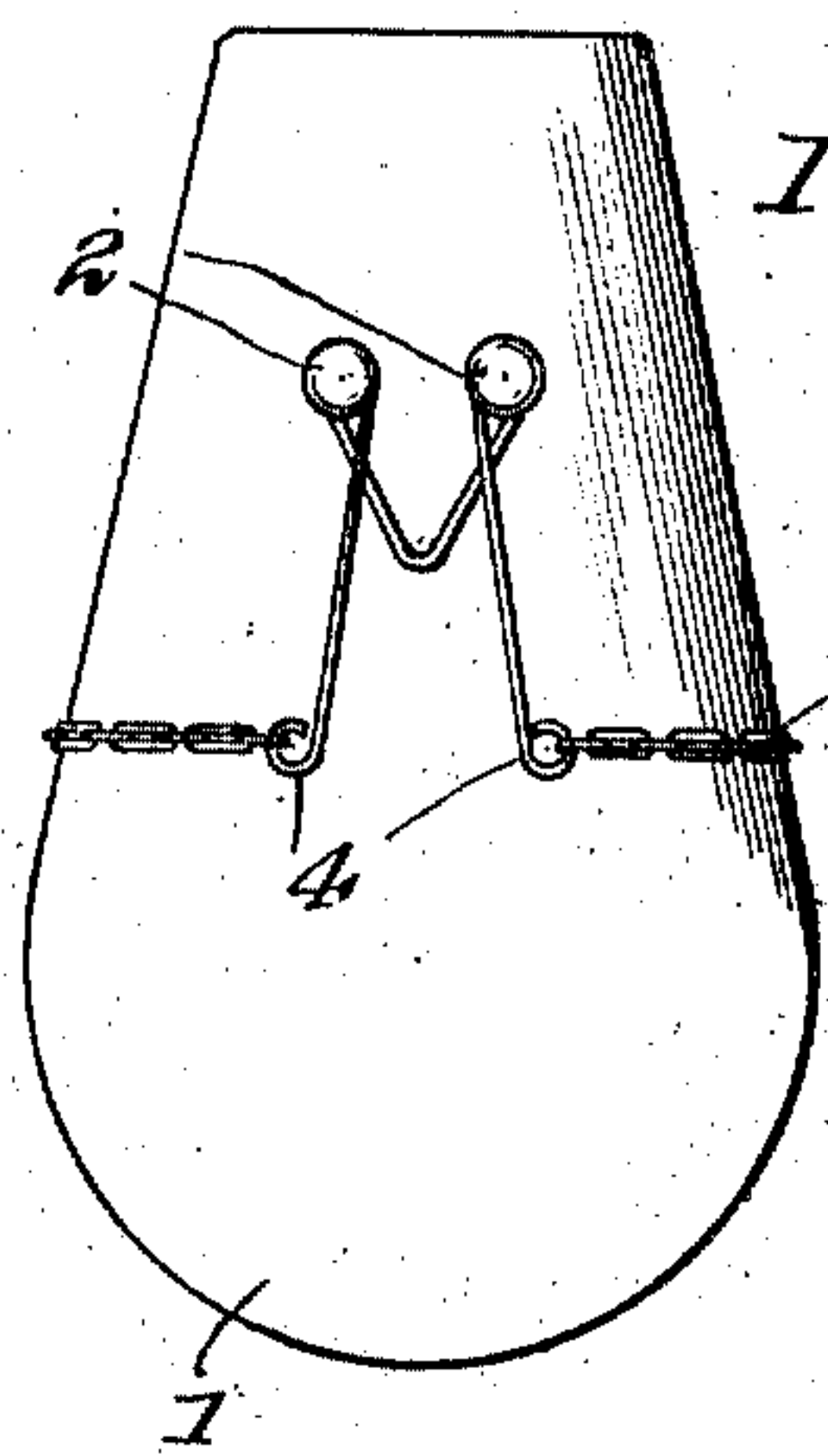


Fig. 4.

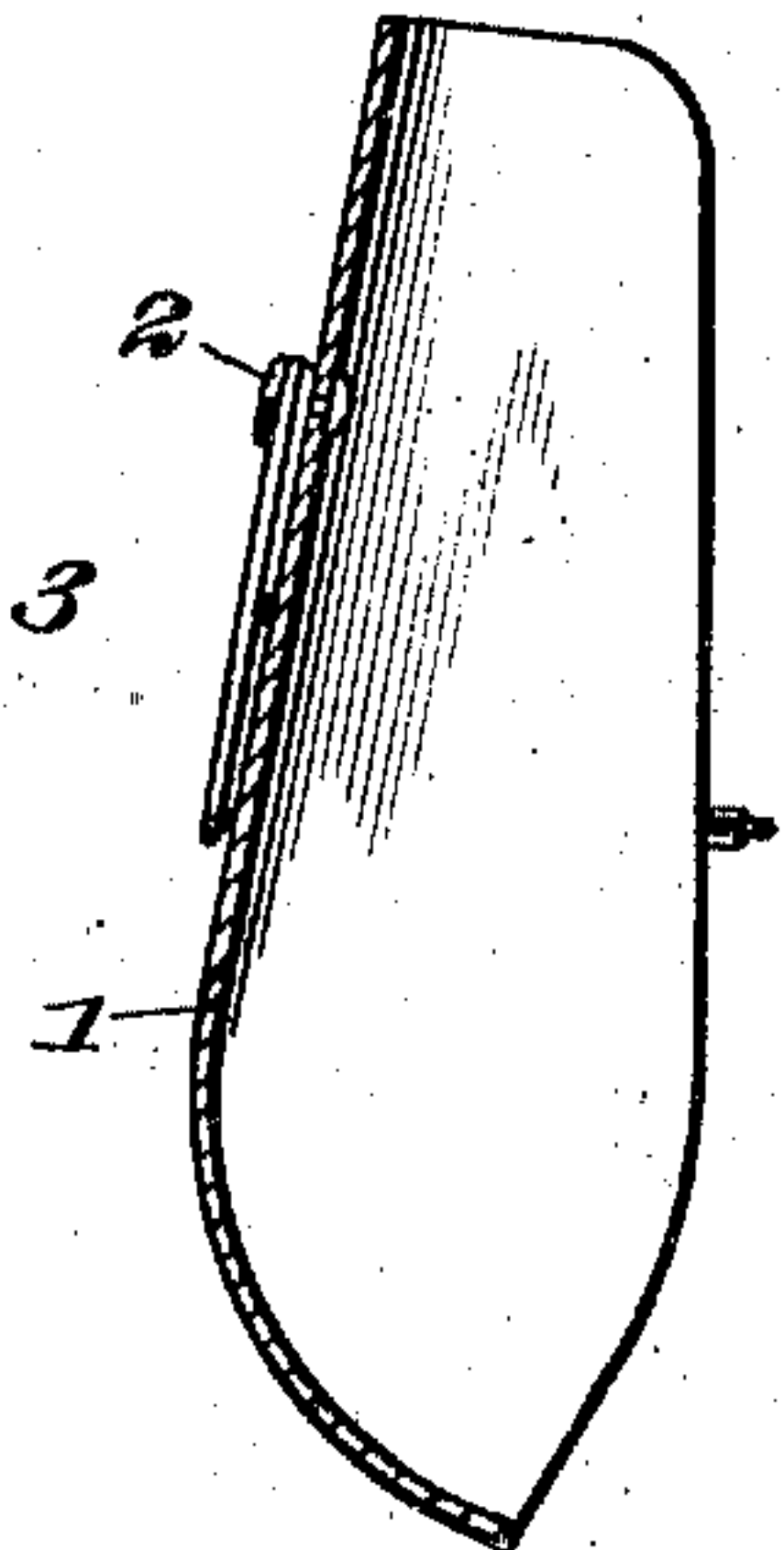


Fig. 2.

Witnesses

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UNITED STATES PATENT OFFICE.

EDWIN T. STODDARD, OF WHITTIER, CALIFORNIA.

SHADE-HOLDER.

967,458.

Specification of Letters Patent.

Patented Aug. 16, 1910.

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To all whom it may concern:

Be it known that I, EDWIN T. STODDARD, citizen of the United States, residing at Whittier, in the county of Los Angeles and State of California, have invented certain new and useful Improvements in Shade-Holders, of which the following is a specification.

This invention relates to certain new and useful improvements in shades, especially designed for incandescent electric lights and has for its object to provide a device of this character which may be easily and cheaply manufactured, being composed of few and simple parts and which may be easily and quickly attached to any electric light bulb, without the necessity for any special socket or without reference to the size of such bulb.

For a full understanding of the invention and the merits thereof and to acquire a knowledge of the details of construction, reference is to be had to the following description and accompanying drawing, in which:

Figure 1 is a perspective view showing my improved shade as applied to an electric light bulb; Fig. 2 is a longitudinal section of the shade; Fig. 3 is a detail view of the spring employed; and, Fig. 4 is a face view showing the spring in normal position.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawing by the same reference characters.

My improved shade is especially adapted to drop lights such as are commonly used on desks and such like but can be used to equal advantage in various other adaptations.

Referring to the drawing the numeral 1 designates the body portion of my improved shade and in the preferred form of the invention, such portion is formed of a single piece of material being without seams or folds. Stiff paper or card board may be used for this purpose, being the cheapest from the standpoint of manufacture and serving every purpose as a shade.

The body portion 1 is convex conforming to the shape of an ordinary electric light bulb, as shown in Fig. 1.

Secured to the upper portion of the body portion and near one end thereof, by the studs 2 is the M-shaped spring 3. Such

spring is coiled around the studs 3 and is provided at each end with the loops 4 to which the opposite ends of a small band or other suitable fastening means 5 are secured.

In use the band is designed to encircle the bulb to which it is desired to attach the shade as shown in Fig. 1, the tension of the spring 3 serving to firmly hold the same in position.

It is to be understood that my invention is not limited to any shape of shade, design or construction of spring, but that various changes may be made in the construction and arrangement of this and other parts of the device without departing from the scope of the invention as defined in the appended claims.

Having thus described the invention, what is claimed as new is:

1. A shade comprising a body portion, a compression spring secured thereto near one end thereof, the arms of said spring extending longitudinally of the body portion and terminating about midway the ends thereof, and a band secured to said spring for holding the shade in position.

2. A shade comprising a dished body portion a compression spring secured thereto near one end thereof, the ends of said spring terminating about midway the ends of said body portion, loops formed in the ends of said spring and a band secured at its ends to said loops for holding the shade in position.

3. A shade, comprising a body portion, studs secured thereto, an M-shaped spring secured to said studs, and a band, the ends of which are secured to the extremities of the spring.

4. A shade comprising a dished body portion, studs secured thereto near the upper end thereof, an M shaped compression spring mounted on the outer side of the shade and secured to said studs, loops formed in the extremities of said spring and a band secured at its ends to said loops for holding the shade in position.

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

EDWIN T. STODDARD. [L. S.]

Witnesses:

EDNA Z. STODDARD,

M. M. RIDEOUT.