

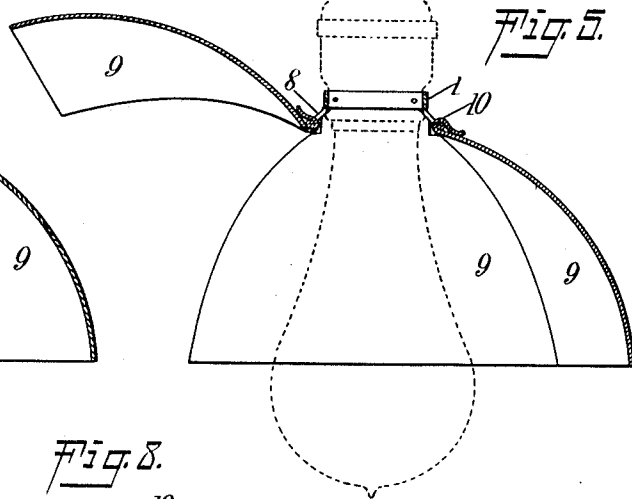
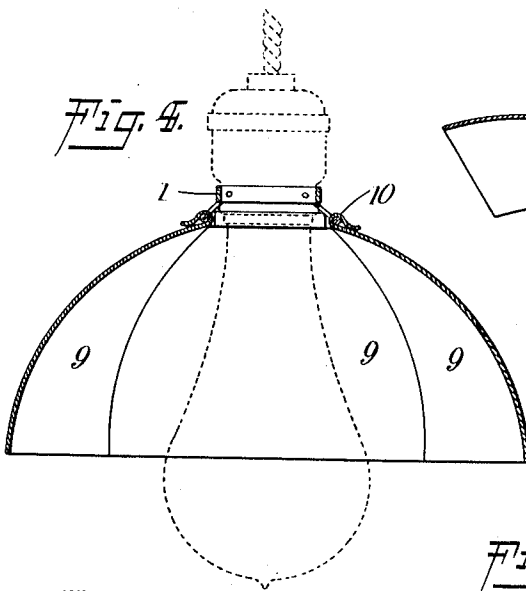
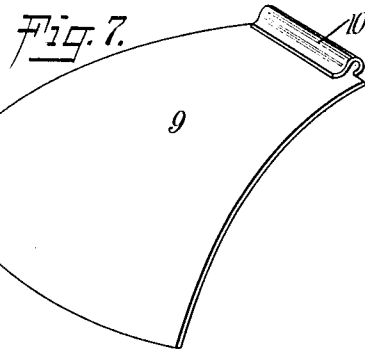
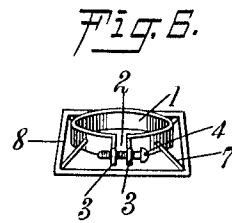
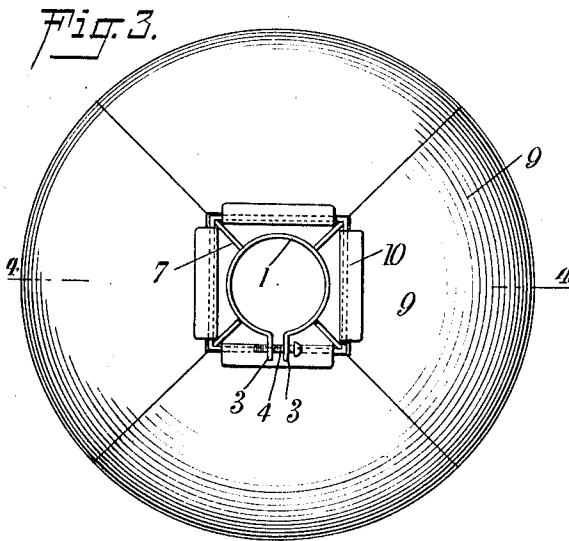
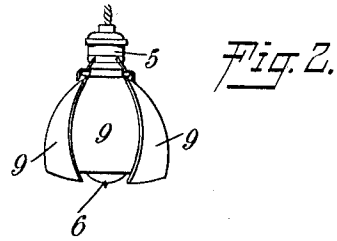
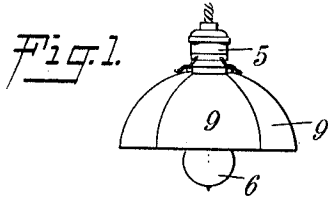
N. B. McGHEE.

LAMP SHADE.

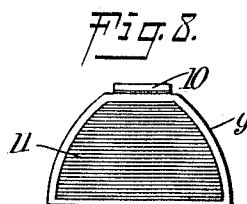
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1,035,624.

Patented Aug. 13, 1912.



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LAMP-SHADE.

1,035,624.

Specification of Letters Patent.

Patented Aug. 13, 1912.

Application filed December 30, 1911. Serial No. 668,680.

To all whom it may concern:

Be it known that I, NICHOLAS B. MCGHEE, a citizen of the United States, and a resident of Tempe, in the county of Maricopa and State of Arizona, have invented a new and Improved Lamp-Shade, of which the following is a full, clear, and exact description.

The object of the present invention is to provide an improved shade for lights or lamps, more particularly for incandescent electric light bulbs, so constructed and arranged that it may substantially or entirely conceal the light, or be adjusted to reflect the light downward, or while shading the greater portion of the light, enable the light to be projected and reflected in a particular direction.

A further object is to so construct the shade that when the wings are closed to substantially conceal the light bulb, they will overlap, forming a heat chamber, the shade then acting as a radiator, gives off heat, and thus the device may be used for warming the hands; or in the sick room, it may be placed beneath the bed covers for warming the feet and other parts of the body, it being understood that the cord or conductor must be of suitable length to permit this to be done.

Further objects will appear in connection with the following description of its form and arrangement.

Reference is to be had to the accompanying drawings constituting a part of this specification, in which similar characters of reference denote corresponding parts in all the views and in which—

Figure 1 shows the shade in side elevation applied to an incandescent electric light bulb, and in operation as a shade or reflector; Fig. 2 shows a similar view with the wings of the shade overlapping so as to substantially conceal the light; Fig. 3 is an enlarged top plan view of the device removed; Fig. 4 is an enlarged vertical sectional view with the wings of the shade extended to form a downwardly reflecting surface; Fig. 5 is a view similar to Fig. 4, illustrating one of the wings raised so as to reflect the light in a particular direction; Fig. 6 shows the supporting collar for the wings of the shade; Fig. 7 shows one of the wings in perspective removed; and Fig. 8 shows a wing made of colored glass.

The device comprises a suitable collar 1 which may be open or split as at 2, and provided with projecting lugs 3, receiving a threaded screw 4, whereby said collar may be removably connected to the socket 5, of an electric light bulb 6. The collar 1 is provided with the radial projecting arms 7, which support a substantially rectangular frame 8, or instead of being rectangular, the frame 8 may be of any polygonal shape, dependent upon the number of wings which it is desired to support thereon.

As shown in the drawing, the shade comprises four wings 9, preferably made of sheet metal, and which are quadrant shape, each of which forms a segment of a hemisphere, and at their upper ends are provided with pivotal sleeves 10, arranged to frictionally engage and be pivotally supported upon the bars of the frame 8, all as clearly shown in Figs. 3, 4 and 5 of the drawing. Preferably, the wings 9 are duplicates of each other, and they will be supported upon the bars of the frame 8 in such manner that they may be turned thereon freely, and yet the engagement between the sleeve 10 and the bars of the frame 8 will be with sufficient force to insure a frictional contact sufficient to retain the wings in any position to which they may be moved. In Figs. 1, 3 and 4, the wings are shown as abutting along their meeting edges and thus forming a dome-shaped reflector which will cause the light to be reflected in a downward direction. In Fig. 2, the wings 9 are overlapped; that is to say, a diametrically opposite pair of the wings will overlap the other pair, and thus the shade may be contracted about the incandescent electric bulb so as to practically cover and conceal the light. In Fig. 5, one of the wings 9 is shown raised, while the others are in a downward position; thus the light will be shaded about the portion in which the wings extend downward, and reflected in the direction of the raised wing. In Fig. 8 the wing 9 is shown as provided with an inserted panel 11 of colored glass. The panel 11, may be of any color desired, and when used, will transmit colored rays of light to produce a pleasing effect.

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

1. A shade for electric and other lights, comprising a collar, a frame carried by the

collar and having bar-like members, and a plurality of quadrant-shaped wings having their upper narrow ends bent outwardly and downwardly to form sleeves frictionally engaging the members of the frame, whereby the wings can be raised or lowered and will be held in the position to which they are moved.

2. A shade for electric light bulbs, comprising a split collar, means to connect said collar to a socket of an electric light bulb, radial arms projecting from the collar, a polygonal frame having bar-like members

and supported by said arms, and a plurality of wings having at their upper ends sleeves frictionally engaging the members of the frame and arranged to be raised and lowered and to abut or overlap along their meeting edges.

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

NICHOLAS BOIS MCGHEE.

Witnesses:

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SOLON S. SURFACE.