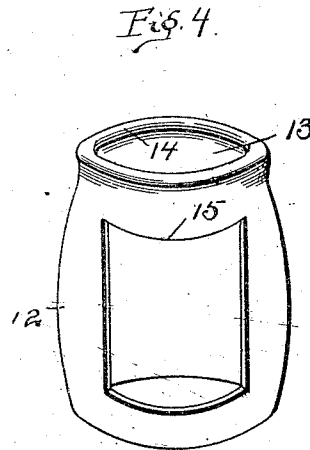
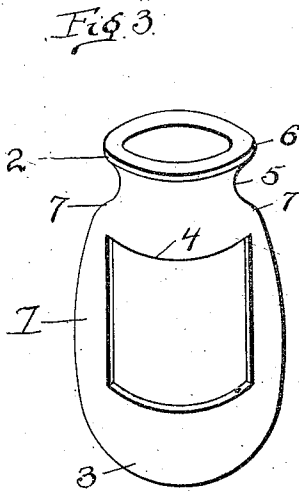
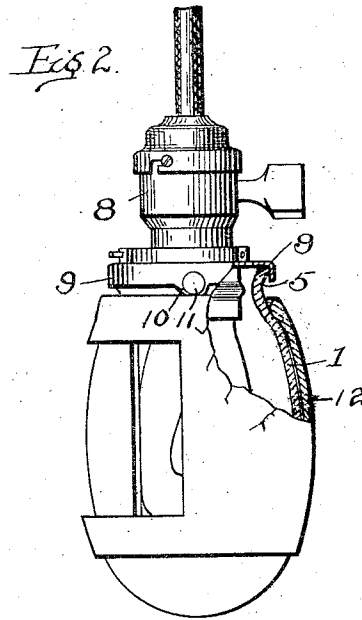
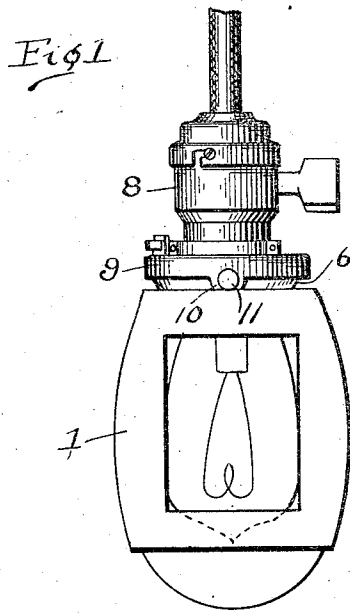


B. R. WILLIAMS.
ELECTRIC LIGHT BULB SHADE.
APPLICATION FILED MAR. 14, 1911.

994,228.

Patented June 6, 1911.



Witnesses
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UNITED STATES PATENT OFFICE.

BENJAMIN ROBERTSON WILLIAMS, OF ENGLISH, ARKANSAS.

ELECTRIC-LIGHT-BULB SHADE.

994,228.

Specification of Letters Patent.

Patented June 6, 1911.

Application filed March 14, 1911. Serial No. 614,365

To all whom it may concern:

Be it known that I, BENJAMIN R. WILLIAMS, a citizen of the United States, residing at English, in the county of Jefferson and State of Arkansas, have invented certain new and useful Improvements in Electric-Light-Bulb Shades, of which the following is a specification.

My invention has relation to electric light bulb shades and consists in a shade of two parts adapted to be adjustably and removably secured to the electric light bulb socket, and to be shifted from side to side on the same. The bulb may be round, oval shaped, or any other appropriate shape but the shades are preferably oval shaped being somewhat larger at their lower ends than at their upper ends.

The shades are for the purpose of shading the light and may be of any color or density, but they may be opaque. The shades are so constructed that one only may be used at a time, or both may be used conjointly at the same time. The shades are also so constructed that one or both may be removed or one may be slipped around so as to cover the opening of the other.

In the accompanying drawings: Figure 1 is an elevation of an electric light socket, the shade holder and bulb with my shades attached. Fig. 2 is a view similar to Fig. 1 with a part of the device broken away showing a part of the shade holder of the inner shade and the outer shade in section. Fig. 3 is a perspective view of the inner shade. Fig. 4 is a perspective view of the outer shade.

My invention is described as follows: The inner shade 1 is provided with an extended open neck 2 and a closed oval bottom 3 and is provided at one side and near its center with an opening 4, substantially rectangular nearly one-third of its entire length and in width about one-fourth of the entire circumference of the shade. The neck of said shade is provided with a circular depression 5 terminating at its upper end with a flange 6 and below the depression with a shoulder 7. The socket 8 is the usual commercial socket and is provided with a shade holder 9 provided with the usual lower extensions 10 and threaded screws 11 which screws pass through said extensions and abut against the neck 6 of the inner shade and contact it at the center of the depression 5 whereby the

inner shade is held rotatably in place. The outer shade 12 is also oval shaped except that it is open at its bottom end. It is larger than the inner shade so that it may be easily revolved around the same. It gradually however, narrows at its upper end leaving an opening 13 and the inner surface of its upper end is provided with an inner inwardly extending enlargement 14, said opening 13 is large enough to allow the neck 6 of the inner shade to pass through it but is so constructed that the enlargement 14 will rest snugly against the shoulder 7 of the inner shade 1 and thereby keep it from slipping off. The two shades are of such size, the one in relation to the other that the inner shade when released from the shade holder, may be drawn down through the bottom and entirely out of the outer shade. As the inner shade is closed at its bottom, its bottom part answers as a bottom to the outer shade when they are both hung at the same time. The outer shade is also provided in its side with an opening 15, the same shape and size as the opening 4 in shade 1.

In attaching my shades to the shade holder 9, I first slip the inner shade up into the outer shade until its neck 2 passes up through the opening 13 in the outer shade and until its flange 6 abuts against the lower face of the flange holder 9. I then insert the screws 11 turning them until their inner ends come in contact with the depression 5 of the neck 2. Then I let the outer shade 12 down until the inner enlargement 14 rests on the shoulder 7 of the inner shade. The flange 6 so neatly fits in the shade holder 9 that no light can pass up between the two. It will be seen that when the two openings 4 and 15 are brought concentric with each other a volume of light from the bulb can pass out through these openings, lighting up only a certain section of the room, or in case this light should be used for purposes to light up a street or other purposes outside of a room it would throw a stream of light equal to the size of the openings considering the angle from the bulb wire. By turning the outer shade 12 I can gradually diminish the rays of light until it is very small or I can further turn the shade and turn the light entirely off. It will readily be seen how important this invention is, especially in rooms when there are persons who are sick, nervous or having

weak eyes. Such persons may be in one part of the room while the other occupant or occupants may light up the other part to such extent as may be desirable and thus they may be able to read or attend to business while the other party or parties may be undisturbed.

It will be observed that the inner shade is rotatably secured in the shade holder and in case where the neck is permanently secured to the electric wire or other device holding it so that it may not be revolved, my shade may be so secured to said shade holder that the light may be turned in any direction.

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

1. The combination with an electric light socket and shade holder, an oval shaped bulb, closed at its bottom and having an open neck 2, said neck having an outwardly extending flange 6, a depression 5, said bulb also provided immediately below said depression 5 with a shoulder 10 and in the body of said shade an opening 4, an outer shade 12 opened at its bottom end and having an opening at its upper end large enough for said neck and flange to pass through, said shade provided on its inner surface with an enlargement 14, adapted to fit against the shoulder 7 of said inner shade, said shade provided with an opening 15 the same size

and shape of the opening 4 in shade 1, substantially as shown and described.

2. In combination with a light socket and shade holder, an oval shaped shade adapted to surround the light and having in its side an opening and provided with a neck adapted to be secured in said shade holder with means to so secure said shade, an outer shade adapted to surround said inner shade and provided at its upper end with an inner enlargement adapted to rest on the shoulder of said inner shade, said outer shade provided with an opening substantially the same size and shape of the opening of the inner shade.

3. In combination with a shade holder, an oval shaped inner shade adapted to be rotatably and removably secured to said shade holder, and provided with a shoulder near its upper end and an opening in its side, an outer shade adapted to encircle said inner shade and provided at its upper end with an enlargement to rest on the shoulder of said inner shade, said outer shade provided with an opening substantially the same shape and size of the opening in the inner shade, substantially as shown and described.

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

BENJAMIN ROBERTSON WILLIAMS.

Witnesses:

CHAS. A. GORDON,
JOSIAH A. NICHOLS.