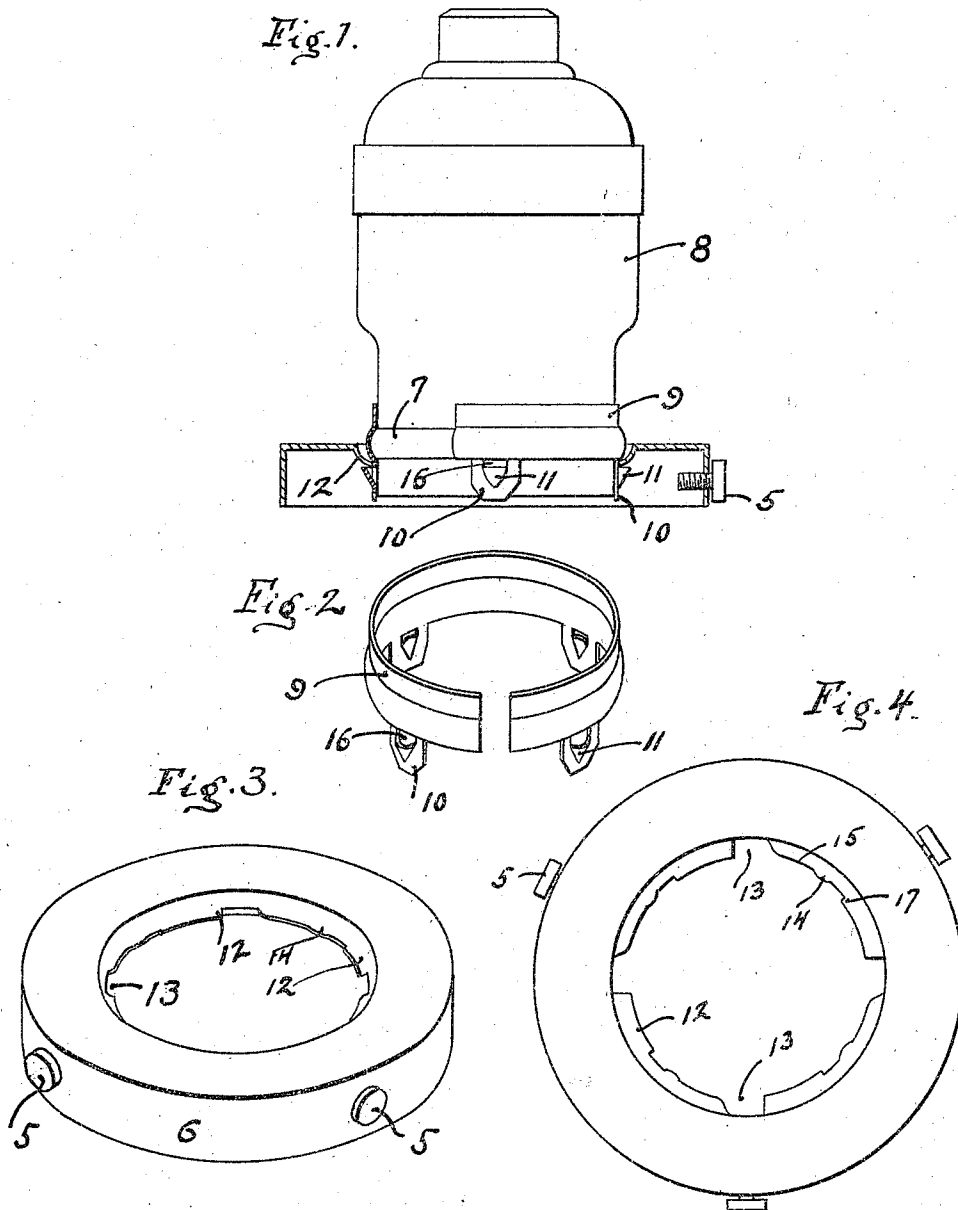


G. W. GOODRIDGE.
SHADE HOLDER.
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1,008,900.

Patented Nov. 14, 1911.



WITNESSES:
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UNITED STATES PATENT OFFICE.

GILBERT W. GOODRIDGE, OF BRIDGEPORT, CONNECTICUT, ASSIGNOR TO THE BRYANT ELECTRIC COMPANY, OF BRIDGEPORT, CONNECTICUT, A CORPORATION OF CONNECTICUT.

SHADE-HOLDER.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, GILBERT W. GOODRIDGE, a citizen of the United States of America, and residing at Bridgeport, in the
5 county of Fairfield and State of Connecticut, have invented a certain new and Improved Shade-Holder, of which the following is a specification.

My invention relates to shade holders and
10 particularly to improved means for mounting such holders upon a lamp socket or other suitable support, the object of my invention being to provide an improved latching engagement between the holder elements serving
15 to secure the holder to its support.

In the accompanying drawing, Figure 1 is a vertical section through an illustrative embodiment of my invention in a shade holder
20 mounted upon an electric lamp socket; Fig. 2 is a perspective of the spring ring shown in Fig. 1; and Figs. 3 and 4 are respectively a perspective and plan of the body of the shade holder, shown in Fig. 1.

The particular shade or globe supporting
25 means carried by the holder form no part of my invention and I have shown by way of illustration, the usual set screws 5, threaded through the depending peripheral flange 6 of the holder. Any suitable globe supporting
30 means may be substituted for those shown.

To lock the shade holder upon the supporting bead 7, here shown in its usual form at the lamp receiving end of an electric lamp
35 socket 8, I provide a bead-engaging member which carries latching elements adapted to coöperate with corresponding latching elements on the body of the shade holder and snap into engagement therewith when
40 brought into operative position by the rotation of said parts with relation to each other. In the form shown this bead-engaging member is formed as a spring ring 9 which may be slipped over the end of the
45 socket in advance of the shade holder and snapped into position on the bead 7. Depending lugs 10 extend downwardly from the lower edge of the ring 9 and outwardly-projecting engaging offsets 11 are formed
50 therein.

The centrally apertured shade holder body is provided with an inner flange 12 which so constricts the central aperture, that when the shade holder is pushed up over ring 9,
55 the latter is held in contracted position and

cannot escape the bead 7. The flange 12 is cut away at a number of points 13 corresponding to the number of lugs 10 on the ring 9, to permit the offsets 11 to pass beneath the flange. Upon the rotation of the
60 shade holder with relation to the ring 9, the offsets 11 are brought under the flange 12 and support the latter.

To prevent the accidental return rotation of the shade holder and ring to such position that the offsets 11 may escape through
65 the cuts 13 in the flange, I provide rounded bumps 14 in the slightly recessed portion 15 of the flange, which snap into the apertures 16 in the lugs 10 as the shade holder is
70 turned on the ring, by reason of the inherent resiliency of the lugs and are thus engaged by the latter. The shoulders 17 in the flange resulting from the formation of the slightly recessed portion 15 of the flange
75 form abutments which properly position the lugs so that their apertures 16 fit over the bumps 14. After the lugs have snapped into this position it requires some effort to turn the holder with relation to the ring 9
80 and the parts are thus securely held together and supported on the bead 7.

Various modifications embodying my invention will readily suggest themselves.

I claim as my invention:—

1. A shade holder comprising a member adapted to be secured to a supporting bead, apertured engaging tongues carried thereby, in combination with a shade-carrying member recessed to receive said tongues and engage the latter on relative rotary displacement to prevent endwise separation of said parts, together with a projection entering the apertured tongue in such position to hold the parts against subsequent relative
85 rotary displacement.

2. In a shade holder, a shade-carrying member and an independent member adapted to be mounted upon a securing bead and engaging means for holding said members
90 together against either endwise or rotary motion with relation to each other, said means comprising on one member apertured engaging tongues carrying engaging projections and on the other member a flange adapted to be engaged by said projections on the relative rotary displacement of said parts and having bumps adapted to simultaneously enter the apertures in said engaging
95 tongues, substantially as described.

3. In a shade holder a spring ring adapted to be mounted upon a supporting ring and provided with depending apertured lugs with outwardly faced engaging projections, 5 in combination with a shade-carrying member with inwardly projecting flange adapted to be engaged by said engaging projections said flange being recessed to permit the free passage of said engaging projections there- 10 through and having bumps adapted to enter the apertures in said tongues upon the rotation of said parts with relation to each other, substantially as described.

4. A shade holder comprising a member 15 adapted to be mounted upon a supporting

bead and provided with depending tongues having engaging projections, in combination with a shade-carrying member with an internal flange beneath which the engaging projections on said depending lugs may be 20 adjusted and means for holding said parts against rotary displacement with relation to each other.

In testimony whereof I have signed my name to this specification, in the presence of 25 two subscribing witnesses.

GILBERT W. GOODRIDGE.

Witnesses:

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