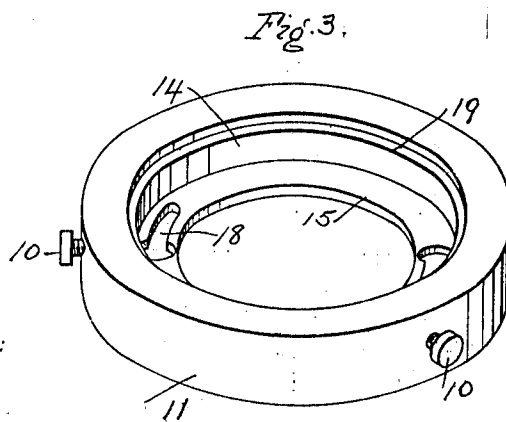
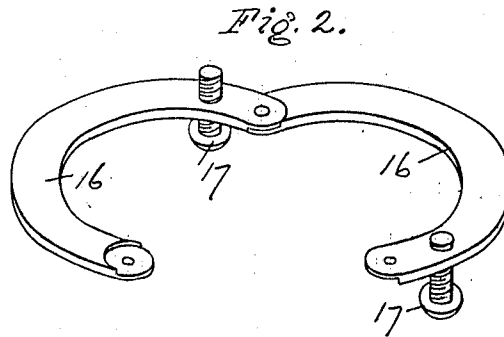
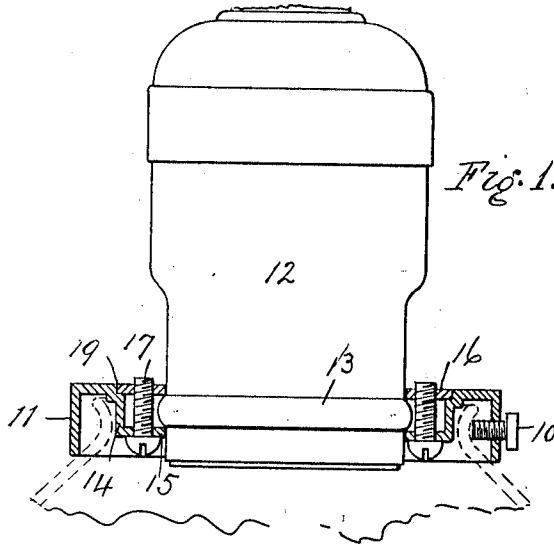


G. W. GOODRIDGE.
SHADE HOLDER.
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1,022,234.

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WITNESSES:
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UNITED STATES PATENT OFFICE.

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

SHADE-HOLDER.

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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 county of Fairfield and State of Connecticut, have invented a certain new and useful Improvement in Shade-Holders, of which the following is a specification.

My invention relates to shade or globe holders and particularly to means for securing the holder to its support, the object of my invention being to provide a simple and efficacious means for locking the holder on a lamp socket or other support to which it may be desired to secure the holder.

In the accompanying illustrations, all drawn to an enlarged scale and with disproportionately thickened metal, for the purpose of more clearly showing the structure, Figure 1 is a vertical elevation of a shade holder secured to an electric lamp socket; Fig. 2 is a perspective of the locking ring; and Fig. 3 is a perspective looking down upon the holder.

The shade or globe supporting means employed on the holder form no part of my invention and are here shown as the common set screws 10 passing through threaded perforations in the skirt of the shade holder 11. Any other desired shade supporting device may be mounted on the holder.

My invention resides in the novel means provided for locking the shade holder to its support—viz. in the example shown, to the electric lamp socket 12 provided with the customary bead 13 near its lamp receiving end. In the particular form illustrated, which shows only one of the various ways in which my invention may be embodied, the shade holder 11 is provided with an inner depending flange 14 offset at its lower end to form a horizontal annular abutment ring 15 the internal diameter of which is such that while the holder may be passed over the lower end of the socket, the bead 13 forms a stop which is engaged by the abutment ring 15. A cooperating ring 16 of any suitable construction, which may be adjusted above the bead 13, is provided with clamping screws 17 adapted to engage in bayonet slots 18 in the ring 15. An annular recess 19, formed at the upper edge of the flange 14, receives the outer edge of the ring 16, so that the latter is thus supported at its inner edge by the bead 13 and at its

outer edge in the recess 19. This recess serves the double function of supporting the ring so that its upper face is substantially flush with the upper surface of the shade holder; while at the same time (and this is its more important function) it positions the ring 16 above the bead and prevents the expansion of the ring when the clamping screws 17 are tightened.

The method of assembling the ring 16 and holder 11 is obvious. Having adjusted the expansible ring 16 above the bead 13, the shade holder is slipped over the end of the socket in such position that the heads of the screws 17 enter the enlarged ends of the bayonet slots 18. The holder is then rotated so that the screw heads enter the bayonet slots. Upon tightening the screws, the ring 16 is drawn down and the abutment flange 15 is drawn up, so that the bead 13 is clamped between them. This clamping action serves not only to lock the holder to the bead, but also to lock the ring 16 with relation to the holder body, and the device is thus very securely fastened to its support. Any tendency of the ring 16 to expand and thus slip over the bead 13 as the screws 17 are tightened, is prevented by the fact that the ring is seated at its outer edge in the recess 19 in the body of the holder which retains the ring in its contracted position above the bead 13.

Various modifications in which my invention may be embodied, will readily suggest themselves.

I claim as my invention:—

1. A shade holder having a central depending flange with inwardly offset abutment engaging the lower side of a supporting bead in adjusted position, an independent member engaging the upper side of said bead in adjusted position and means for drawing said members together to lock the shade holder to said bead.

2. A shade holder having a central depending flange with inwardly offset abutment engaging the lower side of a supporting bead in adjusted position, an independent abutment member engaging the upper side of said bead in adjusted position and screw means passing through said abutments in adjusted position for drawing said abutments together to lock the shade holder to said bead.

3. In a shade holder, a central depending

flange with inwardly offset abutment engaging the lower side of a supporting bead and means in connection therewith for locking the holder to said bead.

5 4. A shade holder having a body member, and shade supporting means carried thereby, a flange on said body member engaging one side of a bead in adjusted position, a clamping ring having its inner edge
10 seated against the opposite side of said bead and its outer edge against the body of the shade holder in adjusted position, and means to draw said clamping ring and flange together to lock the shade holder on
15 said bead.

5. A shade holder having a body member, and shade supporting means carried thereby, a flange on said body member engaging one side of a bead in adjusted position, a clamping ring having its inner edge
20 seated against the opposite side of said bead and its outer edge against the body of the shade holder in adjusted position, and means to draw said clamping ring and flange to-

gether to lock the shade holder on said bead, 25 said body being offset to afford a seat for said clamping ring.

6. In a device of the character described, the combination with a shade holder body having an abutment flange adapted to be
30 juxtaposed to one side of a supporting bead, of an expansible ring forming an independent cooperating abutment adapted to be juxtaposed to the opposite side of said supporting bead, and means for drawing said
35 abutment members together to clamp the shade holder to said bead said ring being peripherally seated against the shade holder body in adjusted position to prevent the expansion of said ring during clamping. 40

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

GILBERT W. GOODRIDGE.

Witnesses:

A. J. WATERHOUSE,
H. M. WICKERT.