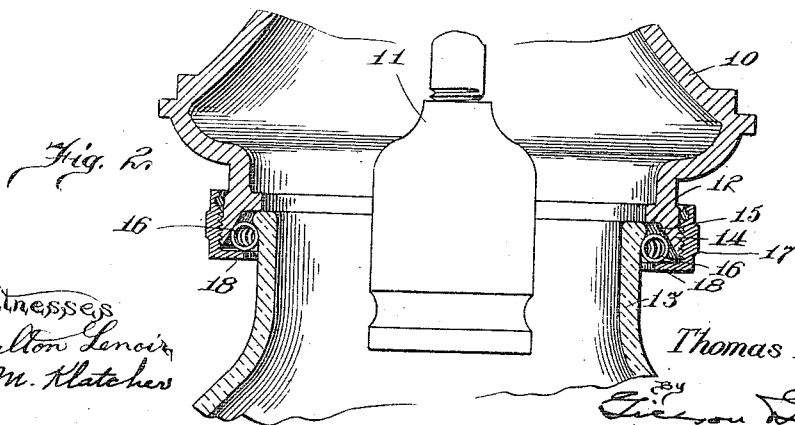
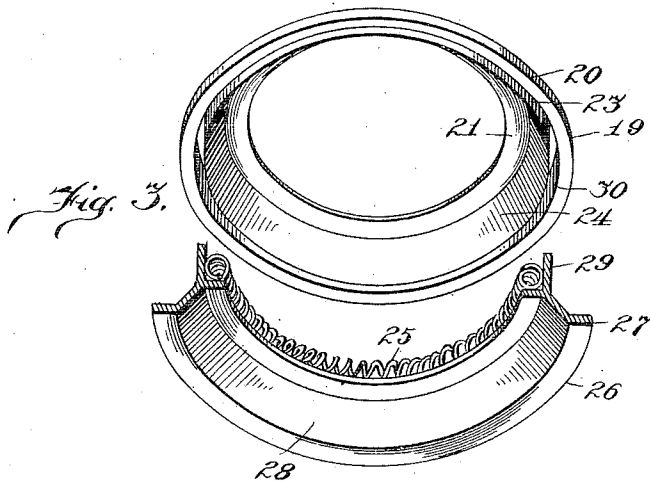
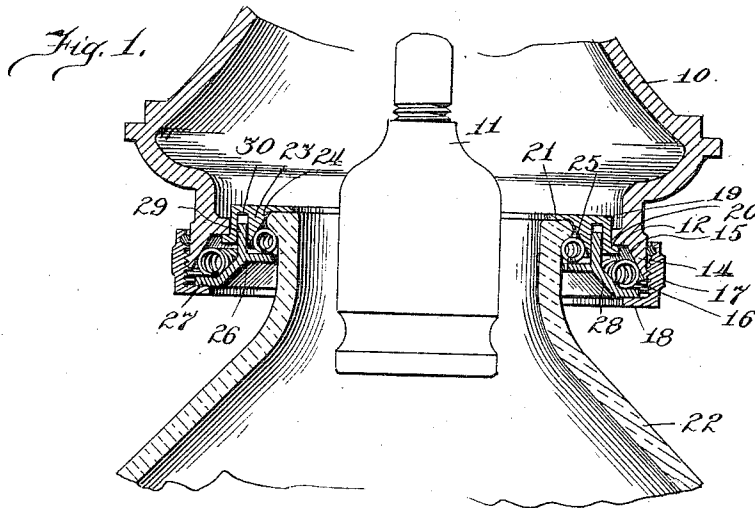


T. A. LEGGE,  
LAMP FIXTURE.  
APPLICATION FILED APR. 10, 1911.

994,847.

Patented June 13, 1911.



Witnesses  
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# UNITED STATES PATENT OFFICE.

THOMAS A. LEGGE, OF CHICAGO, ILLINOIS, ASSIGNOR TO THE ADAMS & WESTLAKE COMPANY, A CORPORATION OF ILLINOIS.

## LAMP-FIXTURE.

Specification of Letters Patent. **Patented June 13, 1911.**

994,847.

Application filed April 10, 1911. Serial No. 620,195.

*To all whom it may concern:*

Be it known that I, THOMAS A. LEGGE, a citizen of the United States, and resident of Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Lamp-Fixtures, of which the following is a specification, and which are illustrated in the accompanying drawings, forming a part thereof.

The invention relates to fixtures for electric lamps, and particularly to means for holding the shade or globe used in connection with incandescent lamps; the object of the invention being to adapt the fixture for use in connection with shades of different sizes.

The invention consists of a device which is hereinafter described, having two shade seats differing in size, compressible clamping rings associated with each seat, with means for actuating either of the clamping rings, and, more broadly, of a shade-holding bushing for lamp fixtures.

The invention is illustrated in the accompanying drawings, in which—

Figure 1 is a detail transverse longitudinal section of the device and of a shade secured to its smaller seat; Fig. 2 is a similar view, showing a shade fitted to its larger seat; and Fig. 3 is a detail perspective of the parts of the reducing bushing, partly in section.

There is shown in the drawings a fixture 10 carrying a lamp socket 11, and having a seat 12, preferably annular in form, against which the inner end of a shade 13 may rest. A flange 14 projects outwardly from the seat 12, its inner wall 15 being outwardly beveled. A compressible clamping ring 16, usually taking the form of a helical coil, is seated upon this beveled wall, and a nut 17 is in threaded engagement with the periphery of the flange 14 and has an instanding shoulder 18 bearing upon the clamping ring. The shade 13 is securely held by turning up the nut for the purpose of compressing the clamping ring by forcing it along the beveled wall 15.

The structure as thus far described presents no novel features, but is capable of use, of course, only in connection with shades of such diameter that they will engage the seat 12. Electric lamp shades are made in two sizes. It is often desirable to use either size in a given fixture. To adapt the shade-

holder above described to either size of shade I provide an annulus 19 of such size that it will fit within the seat 12, and provide it with an annular shoulder 20 for resting thereagainst. The annulus 19 has an instanding seat 21 for receiving the end of the neck of the shade 22, and an axially disposed annular flange 23 having an outwardly beveled wall 24. A compressible clamping ring 25, shown as being in the usual form of a helical coil, is seated upon the beveled wall 24.

A pressure ring 26 bears the ring 25 against the beveled wall, and is provided with an outstanding annular shoulder 27 for engagement by the shoulder 18 of the nut 17. The outstanding flange 28 of the pressure ring 26 which carries the shoulder 27 is outwardly inclined and engages the clamping ring 16. The ring 26 may also be provided with an inwardly directed axially-disposed flange 29, which fits within a complementary channel 30 formed in the member 19, thereby providing centering means for the pressure plate. This centering means is of service only in the event of the compression ring 17 being removed, as the engagement of this ring with the beveled portion 28 of the pressure plate will properly center the latter.

When a shade, as 13, of the larger size is to be used, the members 19, 25 and 26 are removed from the fixture, and the device is used as illustrated in Fig. 2.

When the smaller size shade 22 is to be used, the parts 19, 25 and 26 are introduced, and the nut 17, being turned up, both of the compression rings 16 and 25 are forced along the beveled seats upon which they rest, the one serving as a guide for the plate 26 and the other firmly clamping the neck of the shade.

I claim as my invention—

1. In a lamp fixture, in combination, a reducing shade-holding bushing comprising an annular seat having a beveled wall extending from its shade-seating face, a compressible clamping ring seated against the beveled wall, and a pressure ring bearing upon the clamping ring and having an outstanding flange.

2. In a lamp fixture, in combination, a base ring having an instanding shoulder, an annulus seated against the shoulder and having a beveled inner wall and a shade seat

at the inner end of the wall, a compressible clamping ring seated against the beveled wall, an annular pressure plate bearing the clamping ring to its seat, and a nut running  
5 on the base ring and having an instanding shoulder bearing inwardly on the pressure plate.

3. In a lamp fixture, in combination, a base ring having an instanding shoulder  
10 and a beveled wall extending outwardly from the shoulder, a reducing bushing seated on the instanding shoulder and having an instanding shoulder and a beveled wall extending outwardly from such shoulder,  
15 a compressible ring seated on the beveled

wall of the base ring, a compressible ring seated on the beveled wall of the bushing, an annular pressure plate bearing the second-named compressible ring to its seat and having an outstanding beveled wall seated  
20 against the first-named compressible ring, and a nut running on the base ring and having an instanding shoulder engaging the outer end of the beveled wall of the pressure plate.

THOMAS A. LEGGE.

Witnesses:

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."

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