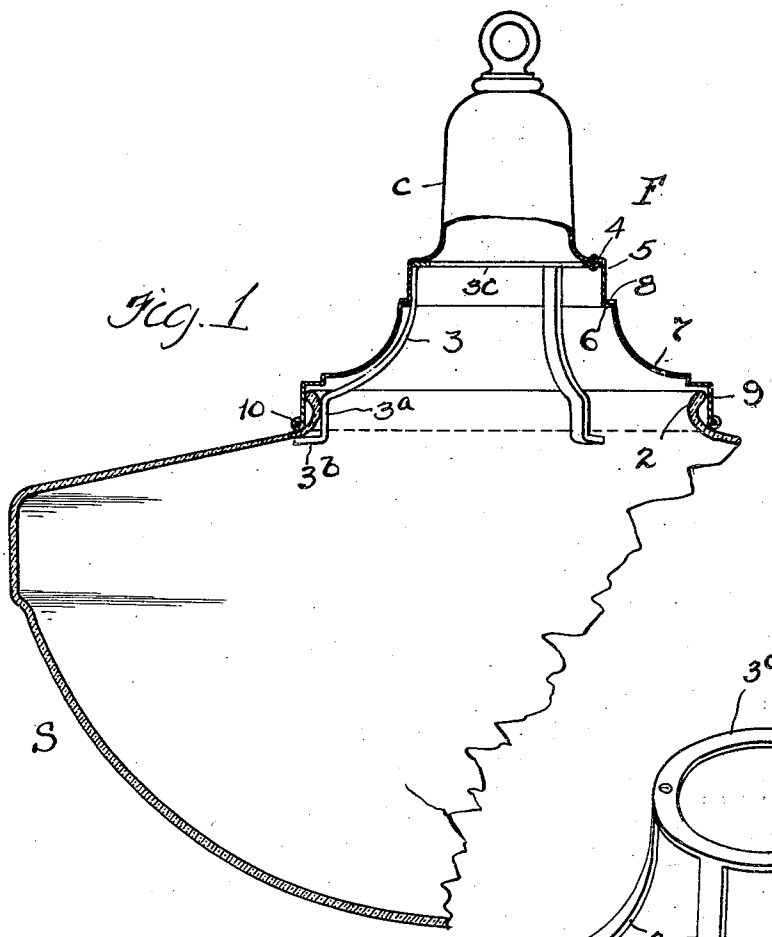
June 24, 1930. J. L. JAFFE 1,768,255

LIGHTING FIXTURE

Filed Feb. 2, 1928

Fig. 1



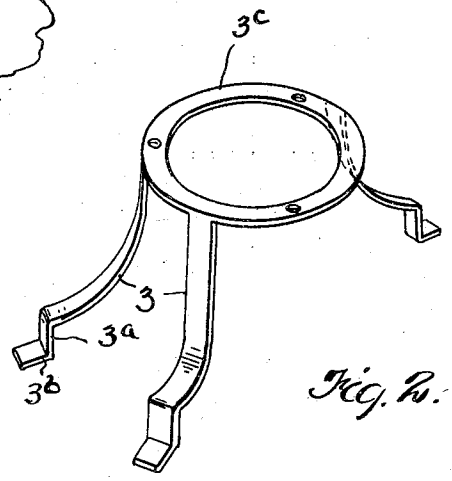


Fig. 2.

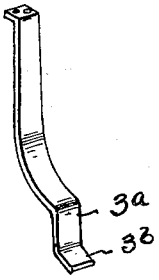


Fig. 3.

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UNITED STATES PATENT OFFICE

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LIGHTING FIXTURE

Application filed February 2, 1928. Serial No. 251,268.

In the support of globes or shades in lighting fixtures, while little difficulty occurs in practice as regards small sizes, a considerable problem is encountered when it comes to dealing with large units such as are now in demand. The glassware is heavy. It develops leverages not recognizable in small units. If a rigid mounting be attempted, too much breakage is apt to occur. If a loose mounting be attempted, displacement is too readily possible. Moreover, the fastening should be simple and quick-acting or it becomes impracticable for a lamp cleaner or trimmer to place the glass and set and adjust the locking means without too much time loss. In accordance with the present invention, I have developed a holder by which these more or less contradictory factors may be satisfactorily met and without resort to cumbersome construction.

To the accomplishment of the foregoing and related ends, the invention, then, consists of the features hereinafter fully described, and particularly pointed out in the claims, the following description and the annexed drawing setting forth in detail certain structure embodying the invention, such being illustrative however of but a few of the various ways in which the principle of the invention may be employed.

In said annexed drawing:—

Fig. 1 is a broken vertical sectional view of an embodiment of the invention; Fig. 2 is a perspective view of a detail; and Fig. 3 is a similar view of a modification.

Referring more particularly to the drawing, there is shown in Fig. 1 an illustrative form of my improved lighting fixture designated generally as F, with a globe or shade S. The latter may be of all glass or it may include metal, depending upon the particular service and exposure contemplated, and it may vary in its detail shape, provided it presents a holding rim 2. Engageable inside the rim are support fingers involving abutment shoulders 3^a and outstanding ends 3^b, somewhat in the general form of an L-shape, the fingers being attached to the interior of the shell *c* so as to project outwardly and laterally. Advantageously a spider having the fingers integral may be secured to the shell, and where in the form of a ring 3^c with integrally extending fingers therefrom, the assemblage may be secured together advantageously such as to allow ample clearance for a lamp socket or fittings through the ring portion. The ring portion may be secured to the shell by riveting to an internal shoulder 4 on such shell or it may be welded or otherwise conveniently fastened. In some cases I contemplate holding the assemblage of spider and shell together by the lamp socket mounted within the shell. Instead of an integral spider construction from which the fingers project, I may in some cases secure individual fingers *n* to the shell member directly by riveting or welding or other suitable means.

The shell member is provided with a cylindrical portion or section 5 which terminates in a stop-ledge 6, and engageable upon such cylindrical section is a retaining ring 7 having an inwardly directed margin 8 mating with the cylindrical section, and extending peripherally to a flange 9 of a depth to seat down over the support rim of the globe S.

The support fingers 3 are preferably arranged to give a three point support; and in order to facilitate placement of the globe rim over such fingers, I ordinarily arrange the fingers in an arcuately spaced relation such that two are closer together on the one side, and a third finger then stands as an opposite single, as illustrated more particularly in Fig. 3. To insert a globe or shade in the fixture, it being assumed that a lamp of any desired type is secured in the shell *c*, the globe is tilted and placed with its margin on one side over a pair of fingers, and by a further straightening up movement then the third finger may be cleared so as to pass within the rim, and the globe then centers down against the shoulder abutting portions of the fingers 3^a and rests upon the terminal hooks 3^b. The retaining ring is now slid down on the cylindrical portion 5 of the shell, and the roll beading 10 of the flange 9 rests against the external surface of the globe.

It will thus be seen that a globe support is

had which may present a three-point relationship for the globe to be held, and accordingly an adjustment equalization is had such as to prevent rocking or wobbling in the holder. Moreover, the rim is automatically centered by the abutment portions of the support fingers, and the globe thus is provided with support engagement both internally and at right angles thereto, while the retaining ring 7 in closing down over the rim closes the assemblage finally.

Other modes of applying the principle of the invention may be employed, change being made as regards the details disclosed, provided the means stated in any of the following claims, or the equivalent of such be employed.

I therefore particularly point out and distinctly claim as my invention:—

1. In a lighting fixture, the combination of an open-end lampbase-protecting shell, globe-support fingers at more than two points extending in fixed relation from within said shell outwardly and laterally beyond the open end of the shell to engage within the rim of the globe, and a ring slidable on said shell relatively to said fingers and having a cover flange to seat over the rim of the globe.

2. In a lighting fixture, the combination of an open-end lampbase-protecting shell having a cylindrical section and a stop-means, a plurality of narrow fingers supported on said shell and extending in fixed relation outwardly and laterally therebeyond with L-shaped hook ends adapted to engage within the rim of a globe, and a ring slidable on the cylindrical section of said shell and having a cover flange to seat down over the support rim of the globe.

3. In a lighting fixture, the combination of a bell-like shell having a cylindrical section with a stop-ledge, a spider secured in said shell and having integral fingers extending outwardly and laterally beyond the shell with L-shaped hook ends adapted to receive a globe, and a retaining ring slidable on the cylindrical section of said shell and having a cover flange to seat down over the support-rim of the globe.

4. In a lighting fixture, the combination of a bell-like shell having a cylindrical section terminating with a stop-ledge, a spider ring secured to said shell and having integral fingers extending outwardly and laterally beyond the shell with L-shaped hook ends adapted to receive a globe, and a retaining ring slidable on the cylindrical section of said shell and having a cover flange to seat down over the support rim of the globe.

5. In a lighting fixture, the combination of a bell-like shell having an internal shoulder, a cylindrical section terminating with a stop-ledge, a spider-ring secured to such internal shoulder and having three integral fingers extending outwardly and laterally beyond said shell with L-shaped hook ends adapted to receive a globe, said fingers being arcuately spaced as a pair and an opposite single, and a retaining ring slidable on the cylindrical section of said shell and having a cover flange to seat down over the support rim of the globe.

Signed by me this 27th day of January, 1928.

JOSEPH L. JAFFE.