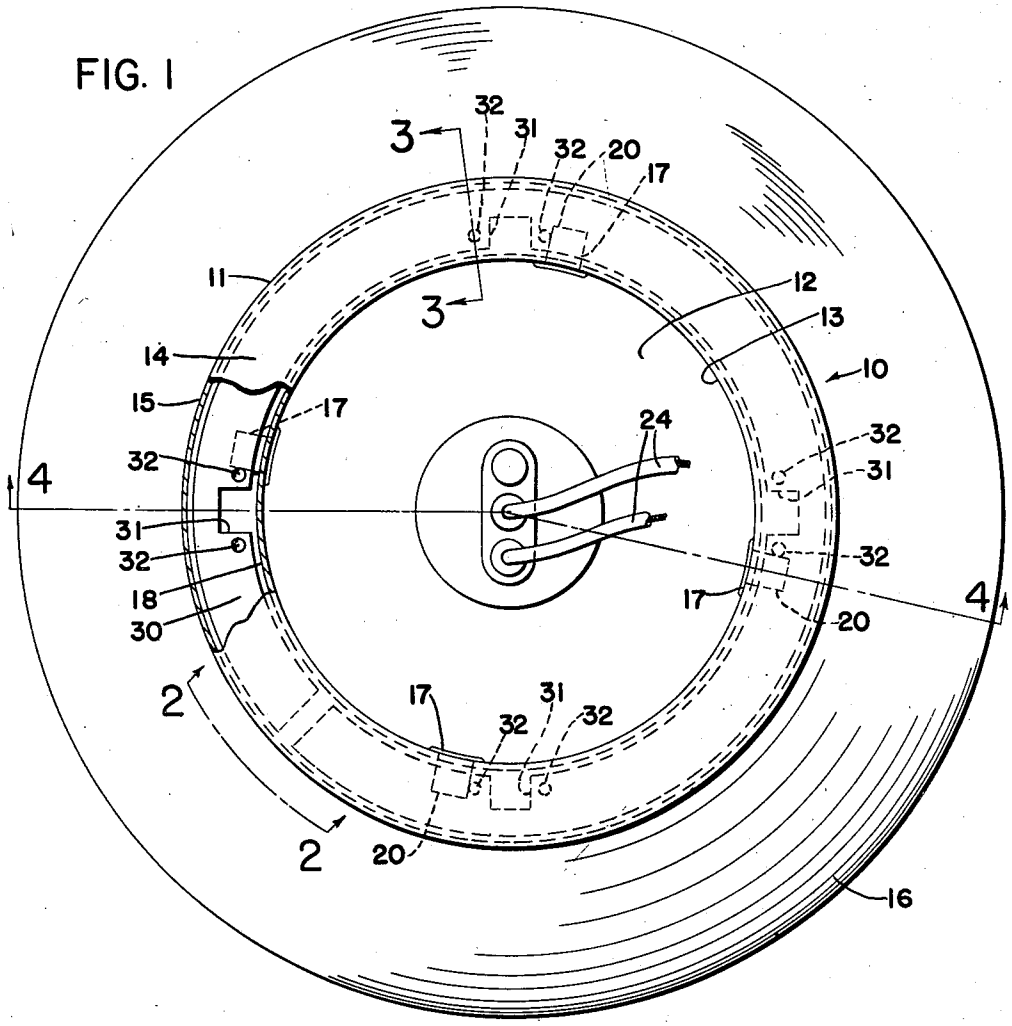
Feb. 26, 1957 J. L. JAFFE 2,783,368

LIGHTING FIXTURE

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FIG. 1



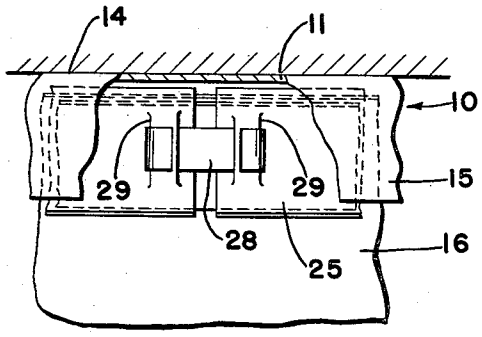


FIG. 2

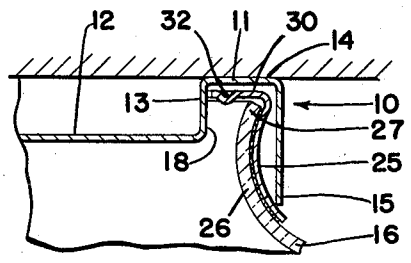


FIG. 3

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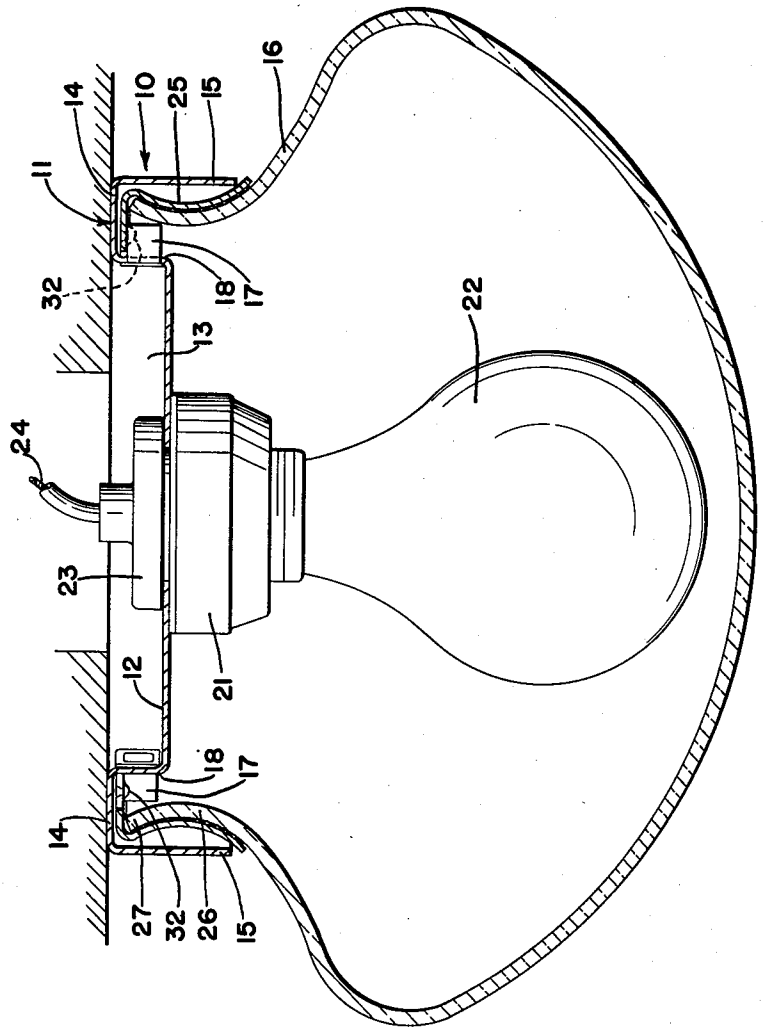


FIG. 4

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2,783,368

LIGHTING FIXTURE

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Application April 22, 1954, Serial No. 424,834

1 Claim. (Cl. 240—128)

This invention, relating as indicated to a lighting fixture, is particularly directed to a novel type of lighting fixture for incandescent illumination particularly. This fixture employs a globe, or glass bowl, and provides a mounting ring for said globe which will protect it in the normal handling of said fixture, besides serving as mounting means in the lighting fixture in a type of bayonet lock so that the bowl cannot be accidentally damaged. This construction is further designed to permit control of the exterior contour of the fixture itself, so that it may conform to the most modern designs and not be encumbered by securing means for the globe.

This globe mounting ring and bracket for this lighting fixture has a bayonet type lock outwardly directed and spaced inwardly from the outside surface of the lighting fixture, so that the globe and mounting ring will not move with respect to the fixture due to vibration or other causes. However, the globe may, under some conditions, be very heavy and it must be securely mounted within the lighting fixture, so that it will not fall and break.

This invention consists in employing a mounting bracket to the globe and a lighting fixture having no functional exterior surface with no openings or apertures for thumb screws or other type of mounting means. Rather, this exterior surface is meant to be plain or ornamented to carry out the design features of the fixture, but principally the securing means to the ceiling or similar surface is meant to be on a raised portion centrally in the fixture, wherein a plurality of square bayonet projections are adapted to fit within mating apertures in an annularly shaped ring on said globe, said ring having a plurality of indentures on either side of said openings pressed from the plane of the ring, so that the globe and mounting ring cannot be accidentally displaced relative to the lighting fixtures and the bayonet lugs, and fall.

An object of this invention is to produce a lighting fixture of simple design and construction that has safety means attached to the globe, so that it may be handled and not broken, together with a lighting fixture of simplified construction and easy replacement, which will conform to the most modern design.

A further object of this invention is to combine with the aforesaid construction a mounting ring spaced from the globe which will have safety features and reduce accidental breakage of the globe.

To the accomplishment of the foregoing and related ends said invention, then, consists of the means hereinafter fully described and particularly pointed out in the claim, the following description setting forth in detail one approved means of carrying out the invention, such disclosed means, however, constituting but one of the various ways in which the principles of the invention may be used.

In the drawings:

Fig. 1 is a top plan view of the lighting fixture and globe,

Fig. 2 is a fragmentary side view along the line 2—2 of Fig. 1,

Fig. 3 is a partial cross-sectional view through the globe lighting fixture and mounting ring along the line 3—3 of Fig. 1, and

Fig. 4 is a complete cross-sectional view of the lighting fixture, the mounting bracket and globe along the line 4—4 of Fig. 1.

In the drawings **10** shows generally a lighting fixture and **11** shows the upper mounting bracket, by means of which it is fastened to a ceiling in a pendant position. The central portion of said lighting bracket **12** is cylindrically shaped and is connected by means of a flange **13** to an annularly shaped portion **14** adapted to contact a flat ceiling surface. Outwardly therefrom may be the external design configuration of the lighting fixture at **15**, and this may be of any depth adapted for the globe **16** but by its construction is not a functional part of the fixture itself but rather lends ornamentation and lines to the fixture. The exterior surface of this portion is unmarred by openings or means for attaching the globe to the fixture. Exteriorly of the central portion there will be a plurality of bayonet lugs **17**. In this drawing these are shown at four positions along the inner exterior surface **18** of the lighting fixture. They are square shaped, shown at **20**, the sides of which are parallel to the central portion **12** as well as the raised annular portion **14**. In the center of said lighting fixture is an opening, not shown, for a lamp socket **21** and bulb **22**. This socket has a base **23** and connecting wires **24**.

In connection with the operation of this bayonet lug **20** the construction of the globe and the mounting ring is important. The curved metal band **25** surrounds the globe. This metal band is adapted to fit the reduced portion, or neck, **26** of the globe below the flaring top **27**. Said band is connected by means of an adjustable metal locking clamp **28** to the other end of the band **25**, the band being split at **29**. The ends of the locking clamp are turned back upon themselves through a slot or loop in the metal band. Said metal band **25** surrounding the globe is integral with an annularly shaped protector ring **30**. The protector ring is spaced from the upper edge of the globe **27** so that it may protect the ring when the globe is installed, removed to change bulbs and to clean the fixture. Said protector ring provides a flat surface which aids in setting the globe down so that it will not roll or move. Interiorly of the ring there are a plurality of rectangular openings **31** conforming with the shape and size of the bayonet lugs. On either side of said apertures or slots are indentures **32** projecting downwardly, i. e., internally of the globe, so that as the globe, together with the aforesaid annularly shaped protector ring are advanced upwardly into the lighting fixture, the bayonet lugs and slots mate. These lugs would then pass over the indentures providing a friction contact. Said indentures are designed to have a rather straight side to project into the path of the lug some distance so that the globe and protector ring must be raised slightly to ride over the indentures. By this means the bayonet lug can be securely fastened and vibration will not cause the globe or protector ring to slip out of the lighting fixture. The globe is, of course, secured to the metal band and the adjustable metal locking clamp by means of an adhesive or an adhesive tape so that the globe will not slide or turn in the metal band. It provides a more secure attachment to the lighting fixture.

I wish it to be understood that I do not confine myself to the precise details herein set forth in the preferred manner of carrying out my invention, as it is apparent that many changes and variations may be made by those skilled in the art without departing from the spirit of the

invention or exceeding the scope of the appended claim.

I claim:

A pendant type lighting fixture comprising a base member adapted to be secured to a ceiling, said base member having a lowered circular portion centrally thereof and an annular portion outwardly thereof, said annular portion having a flange at the outer surface thereof, said circular portion having a plurality of bayonet lugs projecting outwardly of this portion of the fixture, a globe, a metal band secured to said globe, said metal band having a protector ring annular in shape integral therewith inwardly of the globe and of a diameter just larger than the lowered circular portion, said protector ring having a plurality of openings from the inner edge of the protector ring adapted to mate with bayonet lugs on the lowered central portion, said protector ring further having downward indentures adjacent said opening to prevent accidental movement of the globe, ring, and band relative to the base member.

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