Jan. 7, 1936. M. E. SURFACE 2,026,756

LIGHTING FIXTURE

Filed June 8, 1934

Fig. 1.

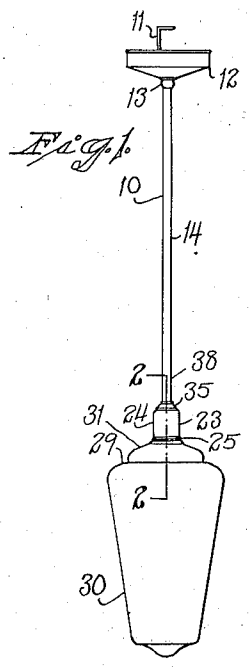


Fig. 2.

Fig. 5.

Fig. 4.

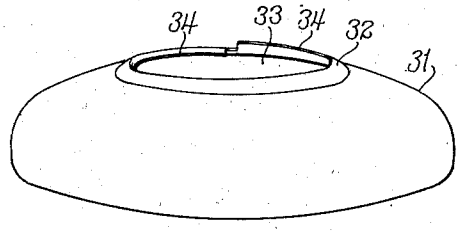
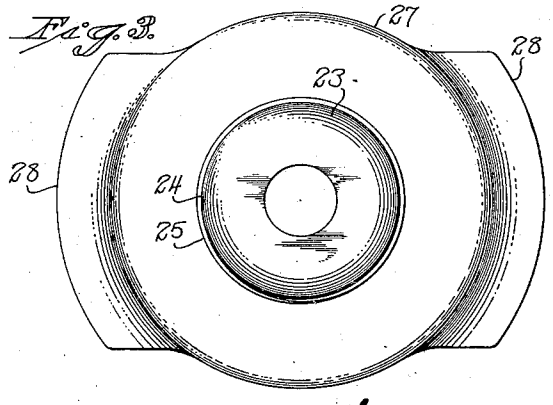


Fig. 3.



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LIGHTING FIXTURE

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1 Claim. (Cl. 240—78)

This invention relates to improvements in lighting fixtures, and more particularly to electric lighting fixtures of the type known as ceiling fixtures.

One object of this invention is to provide an improved lighting fixture capable of being readily and economically manufactured and assembled, and presenting a neat, attractive finished appearance.

With the above and other objects in view, this invention includes all improvements over the prior art which are disclosed in this application.

In the accompanying drawing, in which certain ways of carrying out the invention are shown for illustrative purposes:

Fig. 1 is a front elevation illustrating a lighting fixture constructed in accordance with the invention;

Fig. 2 is an enlarged vertical sectional view on the line 2—2 of Fig. 1;

Fig. 3 is a top plan view of the globe-hanger;

Fig. 4 is a perspective view of the globe-locking plate; and

Fig. 5 is a sectional view illustrating a modified form of suspension-tube or suspension-stem.

In the description and claim, the various parts are identified by specific names for convenience, but they are intended to be as generic in their application as the prior art will permit.

Referring to Figs. 1 to 4 of the drawing, 10 is a lighting fixture of the ceiling type, having a supporting-bracket 11 at the upper end, a canopy 12, a self-aligning tubular coupling 13, and a tubular suspension-tube or stem 14, through which the electric wires 15 extend for the usual and well-known purpose.

The lower end of the suspension-stem 14 is provided with screw-threads 16, on which is screwed a bushing 17 having outer screw-threads 18. The threaded connection 16 between the bushing and lower end of the suspension-stem is preferably firmly joined by some suitable material such, for example, as the well-known cement made from litharge and glycerin.

The electric socket 19 has a metal socket-head 20 screw-threadedly engaged at 21 on the bushing 17 and held in adjusted position by means of the set-screw 22. Supported on the upper end of the socket-head 20 is a globe-hanger 23 having a cylindrical sheet-metal husk-portion 24 provided with pressed-out screw-threads 25. The lower end of the husk-portion 24 has a pair of flanges 26 gripping and supporting a sheet-metal portion or hanger-plate 27. The hanger-plate 27 has opposite globe-supporting portions 28. The width of the globe-hanger-plate 27 is such as to permit of the globe-supporting portions 28 to be passed downward into supporting position beneath the portions 29 of the globe 30.

A globe-locking plate 31, preferably formed of sheet-metal, has the edge-portion 32 surrounding its central-opening 33 distorted or bent to form the edge 34 into helical or screw-thread form to screw-threadedly engage the screw-threads 25 of the husk-portion 24.

Above the hanger-support 23 is a flange-member or nut 35 having its lower portion screw-threaded at 36 to threadedly engage the upper, outer screw-threaded portion of the bushing 17, and also has an upper unthreaded annular portion 37, preferably of a size to neatly slide on or fit the outer cylindrical surface 38 of the suspension-stem or tube 14. The lower face of the flange-member or nut 35 is concave and of greater diameter than the upper end of the socket-head 20, thus bringing about a spring-clamping action against the globe-hanger 23 which serves to firmly hold the globe-hanger 23 in position and at the same time provides a spring-locking effect for the flange-member or nut 35, whereby the latter is effectively prevented from unscrewing.

A modified form of the lower end of the suspension-stem or tube 14 is illustrated in Fig. 5, where the lower enlarged end 39 is formed by flow-enlarging the lower end of the tube 14 and providing the flow-enlarged portion with an outer screw-thread 40 of a similar size to the screw-thread 18 of the bushing 17.

The invention may be carried out in other specific ways than those herein set forth without departing from the spirit and essential characteristics of the invention, and the present embodiments are therefore to be considered in all respects as illustrative and not restrictive, and all changes coming within the meaning and equiaalency range of the appended claim are intended to be embraced therein.

I claim:

A lighting fixture including: a suspension-tube having an unthreaded portion, and a threaded lower end adjacent and below said unthreaded portion; an electric socket screw-threaded on the lower portion of said threaded lower end; a globe-hanger supported on the upper end of said socket; and a flange-member having a screw-threaded lower portion threadedly engaging on the upper portion of said screw threaded lower end, the lower face of said flange-member being concave and of greater diameter than the upper end of said socket and clamping said globe-hanger against said socket.

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