Nov. 28, 1950 C. MOSER 2,531,523

LAMP SHADE MOUNT

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Fig. 1.

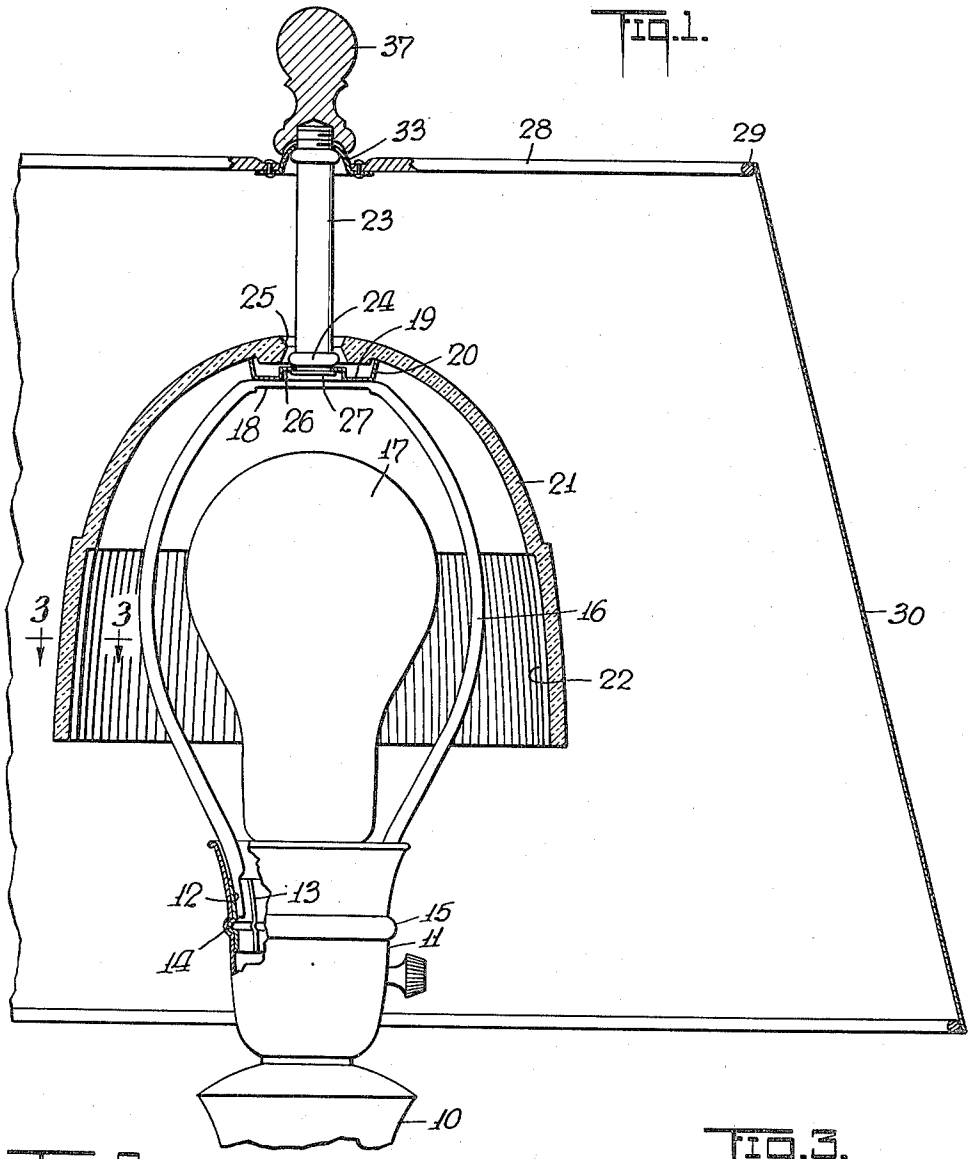


Fig. 2.

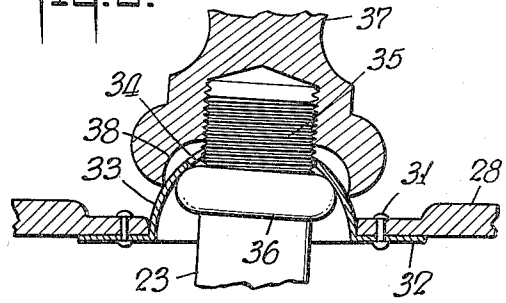
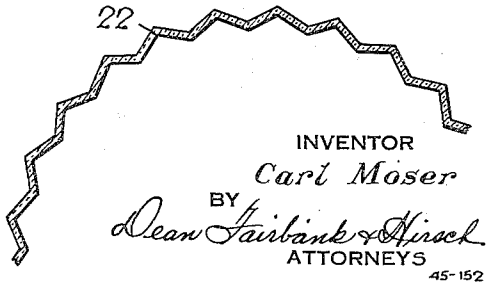


Fig. 3.



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LAMP SHADE MOUNT

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1 Claim. (Cl. 240—128)

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The present invention relates to lamps such as table lamps and floor lamps and is concerned more particularly with the shade mount thereof.

Among the objects of the invention is to afford a simple, convenient and inexpensive arrangement by which the shade may readily and securely be mounted in true or level adjustment, even though, in the large scale quantity production of such lamps, the shade mounting upright be not truly vertical.

In the accompanying drawings in which is shown one of various possible embodiments of the several features of the invention,

Fig. 1 is a fragmentary view in longitudinal cross-section,

Fig. 2 is a fragmentary view on an enlarged scale showing the shade mount in longitudinal cross-section, and

Fig. 3 is a transverse sectional view taken on line 3—3 of Fig. 1.

While the shade mount is applicable to substantially any construction of floor or table lamp, it is shown embodied in a construction in which it has particular utility, since in the exigencies of large scale manufacture, or as a result of handling, the shade supporting upright is not truly vertical, in many instances.

Referring to the drawings, the lamp has a base or pedestal 10, from which rises a husk or hub 11. In the husk is mounted a snap-in sheet metal collar 12, split at 13 and with a peripheral bead 14 lodged in a corresponding bead 15 of the husk. Rising from the collar is the wire metal yoke 16, the ends of which are soldered or welded into the husk, said yoke extending about the lamp bulb 17. Welded to the flat upper end 18 of the yoke is a dished centrally apertured metal washer 19, the outer upstanding rim 20 of which supports the reflector 21, preferably a bell-shaped opal glass reflector with a light dissipating prismatic formation 22 at its skirt portion, which encompasses the yoke 16. To the washer 19 is secured the lower end of the shade supporting upright 23. That upright may be a metal tube or rod with a bead 24 near its lower end encircled by the central aperture 25 in the upper end of the reflector and resting upon the flat dished portion 26 at the middle of the washer to which it is secured by peening at 27 or soldering or brazing in conventional manner.

In the practice of the present invention, the shade may be generally conventional in construction, comprising a frame which has a plurality of arms 28 at its upper end radiating to a wire 29 at the upper periphery of the shade proper 30

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which may be of silk, parchment or the like. To the inner ends of the arms is secured, as by rivets 31 or otherwise, the flange 32 of a segmental spherical hub 33 preferably of sheet metal, which rises axially from the shade. The hub 33 is centrally open at 34 to accommodate the nipple 35 on the upper extremity of the upright. The inner diameter of the aperture 34 in the hub is smaller than bead 36 about the upright near the upper end thereof and immediately below the nipple 35, upon which bead the shade rests at its hub 33.

The finial 37 which serves to clamp the shade through its hub 33 against the bead 36 of the upright, has an axial concavity 38 at its lower end into which the upper part of the hub 33 extends and the edge of said concavity is of diameter intermediate between that of the bead 36 and that of the hub 33 so that when the finial is screwed home upon the nipple, the lower edge of the finial exerts pressure against the hub and presses the latter against the bead for a secure mount.

As above pointed out, the upright frequently becomes inclined with respect to the vertical, due to the exigencies of manufacture, assembly and rough handling. The present invention affords facilities, as will be readily understood, for mounting the shade in true, level or horizontal position, even though the upright be inclined substantially. For the shade may readily be tilted about its hub 33 from inclined position for leveling adjustment and in all adjustments it rests securely upon, for snug circular contact with the bead 36.

After the leveling adjustment, the finial is affixed and securely threaded home. It will thus clamp the hub against the bead 36 on the upright in said position of leveling adjustment. By the arrangement set forth, the shade, with its relatively wide upper periphery will be made level even though the finial be inclined with the upright. But since the finial is short, such inclination will not be noticeable to the ordinary person. The relationship is of course, shown exaggerated in Fig. 2, since the upright 23 never in practice becomes inclined to the extent there shown.

The sheet metal hub 33 will yield slightly under clamping pressure for a holding action similar to that of a lock washer. The shade will not become tilted in use, once it has been set, and yet the finial may be unscrewed and the shell removed for cleaning or replacement with the same facility as any ordinary shade.

As many changes could be made in the above

construction, and many apparently widely different embodiments of this invention could be made without departing from the scope of the claim, it is intended that all matter contained in the above description or shown in the accompanying drawings shall be interpreted as illustrative and not in a limiting sense.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent of the United States is:

A lamp comprising an upright, a shade coaxially supported thereon, said upright having a nipple above said shade, a finial threaded upon said nipple and clamping said shade in position, said upright having a peripheral bead below said nipple, the shade having a spherical segmental hub shell of resilient sheet metal secured thereto and rising therefrom and having an opening therethrough of diameter smaller than said bead and through which said nipple protrudes, said finial having a socket at its lower end accommodating the upper part of said hub and presenting an edge of diameter larger than said bead but smaller than said hub and serving to clamp the hub against the bead in any position of leveling adjustment of the shade, said segmental hub yieldingly resisting the clamping pressure exerted by the finial whereby, though the upright be not accurately vertical, the shade may yet be mounted and secured in true level position.

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