

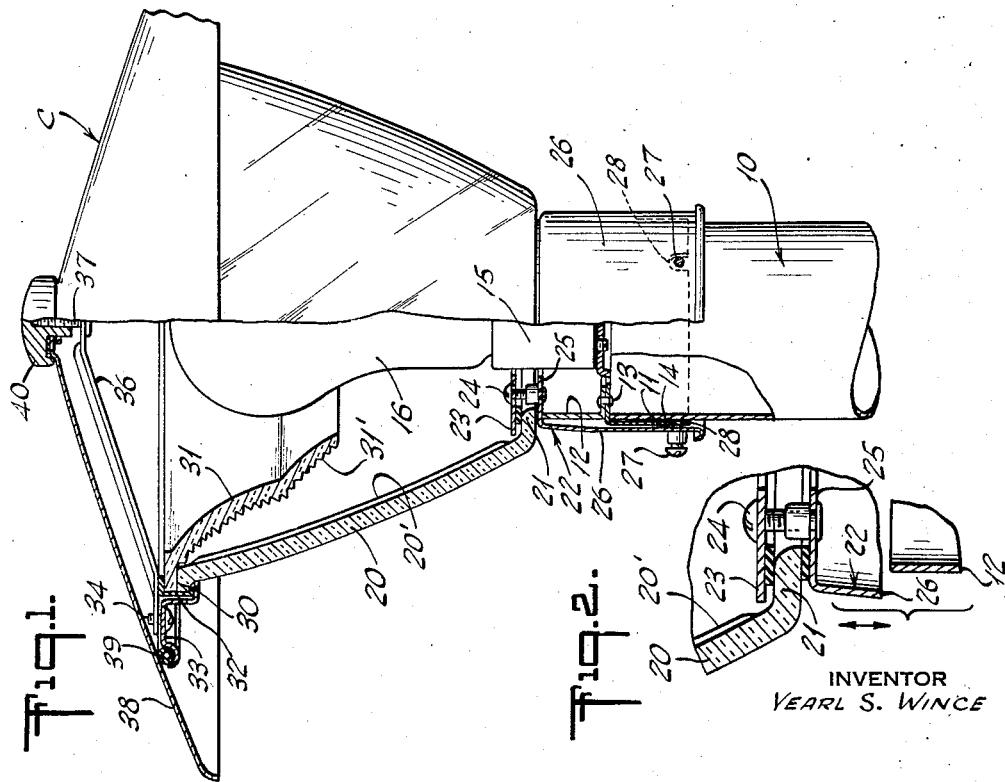
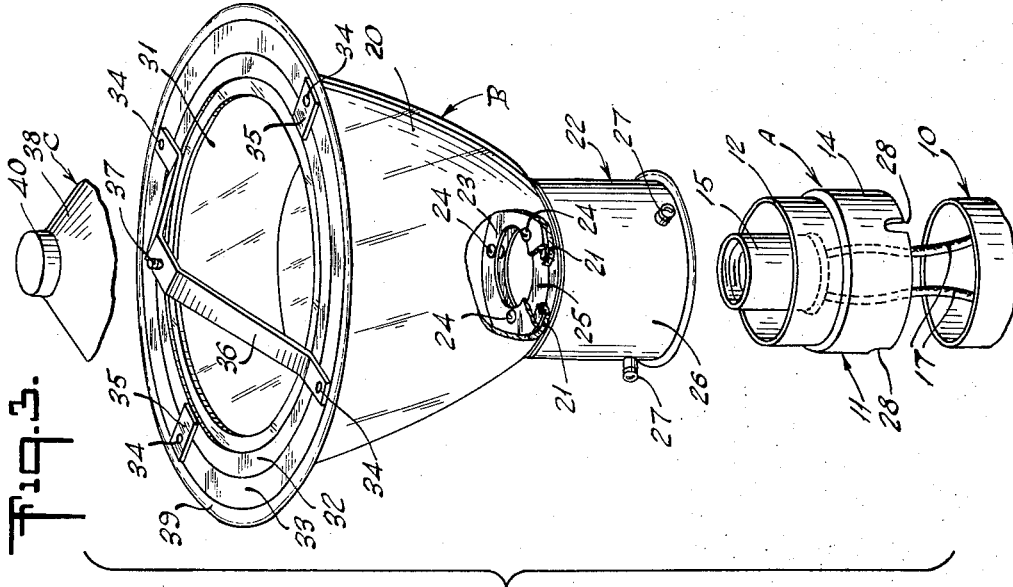
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OUTDOOR LIGHTING FIXTURES

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OUTDOOR LIGHTING FIXTURES

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4 Claims. (Cl. 240—25)

The present invention relates to outdoor lighting fixtures and is more particularly directed toward outdoor lighting fixtures suitable for mounting on top of a post.

For outdoor post mounted fixtures it is convenient to provide a post in the form of a metal tube about 3 inches in diameter, cut off at a suitable height.

The present fixture is designed for mounting on such a post and is designed to have three principal components. The first, or lower component is provided with a vertical lamp socket which can be conveniently connected to wires extending up through the post and then placed about the upper end of the post. The second unit has a metal fitter with a skirt adapted to extend around the first unit and this fitter carries an upwardly and outwardly flaring light transmitting band which may or may not have light controlling prismatic configuration. The upper end of this light transmitting band carries a peripheral metal ring and bridging member. The bridging member, ring and fitter are secured together to form a unit which can be placed on the first unit and secured to the post in such a manner as to not only hold the second unit in position, but prevent turning of the first unit when relamping the fixture. The third unit or component is in the form of a cover member detachably carried by the bridging member.

The accompanying drawings show, for purposes of illustrating the present invention, one embodiment in which the invention may take form, it being understood that the drawings are illustrative of the invention rather than limiting the same.

In the accompanying drawings:

Figure 1 is a vertical, sectional view through the fixture mounted on the post, with parts shown in elevation;

Figure 2 is an enlarged, fragmentary, sectional view; and

Figure 3 is an exploded view illustrating the various components.

In the drawings a post such as a 3 inch metal tube is indicated at 10. The lower component A is made up from an inverted, cup-shaped stamping 11 and a collar forming stamping 12, secured together by rivets as indicated at 13.

The cup-shaped stamping 11 has a skirt 14 of a size to fit about the top of the post 10 and carries a centrally located lamp socket 15 adapted to receive an incandescent lamp bulb 16. The lamp socket wires may be spliced to the wires brought up through the post, as indicated at 17.

The light transmitting band is indicated at 20. It has a lower flange 21 secured to a fitter 22 by ring 23 and screws 24. The fitter 22 has an upper flange 25 which rests on the upper edge of the collar 12 and a depending skirt 26 which passes down about the skirt 14 of the stamping 11. The lower end of the skirt 26 carries

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three screws 27 which pass through notches 28 in the lower end of skirt 14 and bear against the outside of the post 10.

The light transmitting band 20 has vertical light redistribution ribs 20' and at its upper end is an external flange 30. If desired, it may receive an inner light transmitting element 31 with annular prisms 31'. The flanges of the light transmitting elements 20 and 31 receive a U-shaped gasket 32. A ring 33 is clamped in place by screws 34 which pass through clips 35 and a bridging strap 36. At the center this strap carries a stud 37. A cover member 38 is held against a gasket member 39 by a clamping nut 40. This gasket member is cemented to the ring.

In assembling the fixture the lower component, indicated at A in Fig. 3, is wired in and placed on top of the post 10. The second component, indicated generally at B in Fig. 3 and including the fitting 22, light transmitting band 20, ring 33 and strap 36, can be lowered down onto the lower component A and fastened to the post by tightening up the screws 27.

The lamp bulb may be inserted and then the upper component C, including the cover, placed in position and the nut 40 tightened to bring the cover against the gasket 39.

Since it is obvious that the invention may be embodied in other forms and constructions within the scope of the claims, I wish it to be understood that the particular form shown is but one of these forms, and, various modifications and changes being possible, I do not otherwise limit myself in any way with respect thereto.

What is claimed is:

1. A lighting fixture for mounting on the top of a post comprising an inner member having a lamp socket mounting portion of cup shaped form adapted to rest upon the top of the post, and a skirt portion adapted to surround the post, an outer member surrounding said inner member and having a flanged upper portion resting on said inner member, means including aligning means on said inner member for securing said members in a fixed position relative to said post, and a light transmitting member secured to said outer member.

2. A lighting fixture as set forth in claim 1 wherein said securing means includes slots in said skirt portion of said inner member, and said outer member is provided with screws extending therethrough and into associated slots in said inner member and into bearing contact with said posts.

3. A lighting fixture according to claim 1 wherein said light transmitting member has an internally directed flange at its lower end arranged to rest on the flange portion of said outer member.

4. A lighting fixture as set forth in claim 3 including a metal ring secured to the flange of said light transmitting member, a plurality of bolts extending through said metal ring and secured to the flanged upper portion of said outer member.

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