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LAMP FIXTURE

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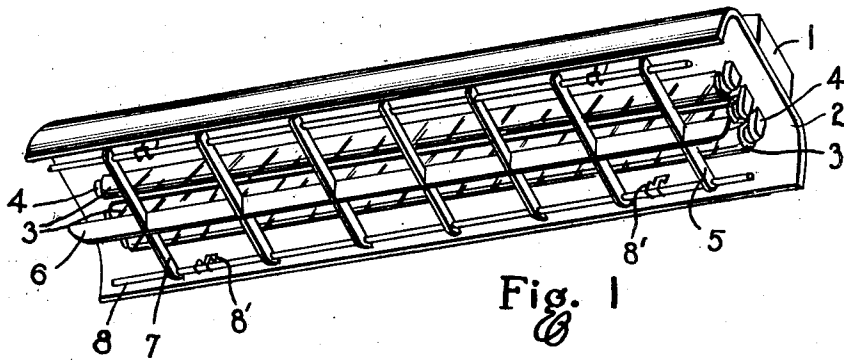


Fig. 1

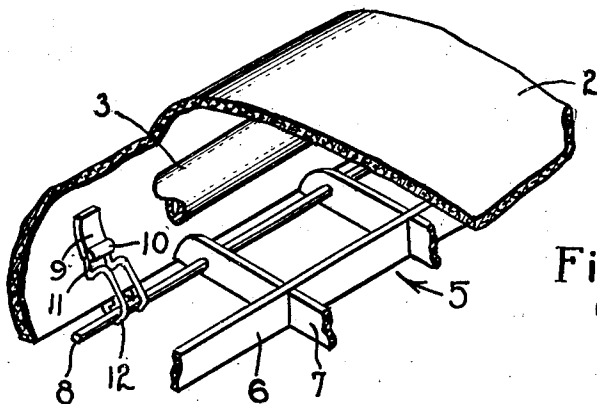


Fig. 2

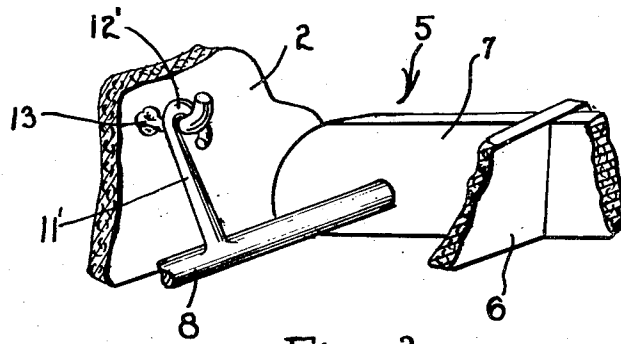


Fig. 3

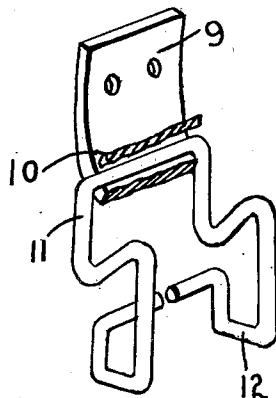


Fig. 4

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LAMP FIXTURE

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1 Claim. (Cl. 240—78)

This invention relates to lighting devices and has particular reference to fixtures for luminescent lamps.

An object of this invention is to provide an improved fixture for a luminescent lamp.

A further object is to provide an improved mounting for a louvre or light baffle in a luminescent lamp fixture.

Further objects, advantages and features will be apparent from the following specification taken in conjunction with the accompanying drawing, in which:

Figure 1 is a perspective view of the underside of a lamp fixture embodying this invention;

Figure 2 is a partial view of the structure of Figure 1, taken from above with the reflector cut away to show the louvre support;

Figure 3 is a view in part like that of Figure 2, showing an alternative louvre support; and

Figure 4 is a perspective view in partial section, of the louvre support bracket of Figures 1 and 2.

A particular advantage and purpose of this invention is the provision of a mounting arrangement for a lamp fixture louvre which will permit a substantial amount of movement, as from possible distortion, in the reflector, without corresponding or related distortion in the louvre. An example could be a fixture in which the reflector and louvre are formed of a pressed wood or a plastic or one wood and the other plastic. It is to be understood, however, that this invention applies to fixtures of other materials, although particularly useful when plastic or wood are used.

The illustrative embodiment of this invention as shown in Figure 1 comprises a fluorescent lamp fixture having a body 1, a pressed wood reflector 2, with lamps 3 mounted in sockets 4 therebeneath, and a plastic light baffle louvre 5 hanging from the reflector 2 and having a long flat center strip 6, short flat cross strips 7, and metal side rods 8 extending through each of the cross strips 7 and in parallelism with the center strip 6.

The flat strips are all disposed with their narrow edges facing up and down. The louvre shown is in the form of a group of squares but any louvre formation may as readily be used.

The louvre 5 is hung so as to position the lower edges of strips 6 and 7 substantially flush with the reflector edges and the cross strips 7 are

shorter than the distance between the reflector edges, thus permitting some lateral play of the louvre 5 within the channel of the reflector 2 or some inward distortion of the reflector edges without distortion of the louvre 5.

The louvre is hung from the reflector by spaced link units 8' positioned along the reflector as shown in Figure 1. Each unit, see Figures 2 and 4, comprises a bracket 9, curved to fit the wall of the reflector and fixed thereon, with a rolled lower end 10 providing a hinge recess for the upper portion 11 of a wire link 12. Link 12 pivots freely in the bracket 9.

As shown in Figure 4, the link wire extends downwardly from each side of the lower end 10 of bracket 9; thence forwardly to form a loop which provides resilience and height adjustment for the louvre 5; thence straight down, straight rear, straight up and straight toward its counterpart, in parallelism with the bracket hinge, to form a hook like support for receiving the side rods 8 of the louvre 5 to support the louvre.

The brackets 9 are preferably mounted well within the channel of the reflector 2 in substantial spaced relation with the reflector edges to provide an effective length of linkage support for the louvre 5.

The alternative structure of Figure 3 illustrates a variation of the link unit in which support bars 11' are secured to the louvre side rods 8 and have upper end loops 12' to receive hooks 13 which are secured to the reflector 2 in positions comparable to those of the brackets 9 in the structure of Figures 1 and 2.

What I claim is:

In a fixture for a luminescent lamp, a main body; an elongated channel-like reflector mounted on said body; link units mounted on said reflector, within the channel and spaced from the side edges thereof; and a light baffle louvre hung from said reflector by said link members and positioned across and along the elongated mouth of said channel; said link units each comprising a mounting plate curved to the contour of the reflector channel and having a rolled lower edge in the form of a loop, and a link wire having a top portion mounted in said loop to form a hinge therewith and continuing from each end of said loop first downwardly, then forwardly, from there straight downward, rearward and up, and terminating in parallelism with said hinge.

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