Nov. 10, 1942. B. IWEMA 2,301,878

LAMP MOUNTING BRACKET

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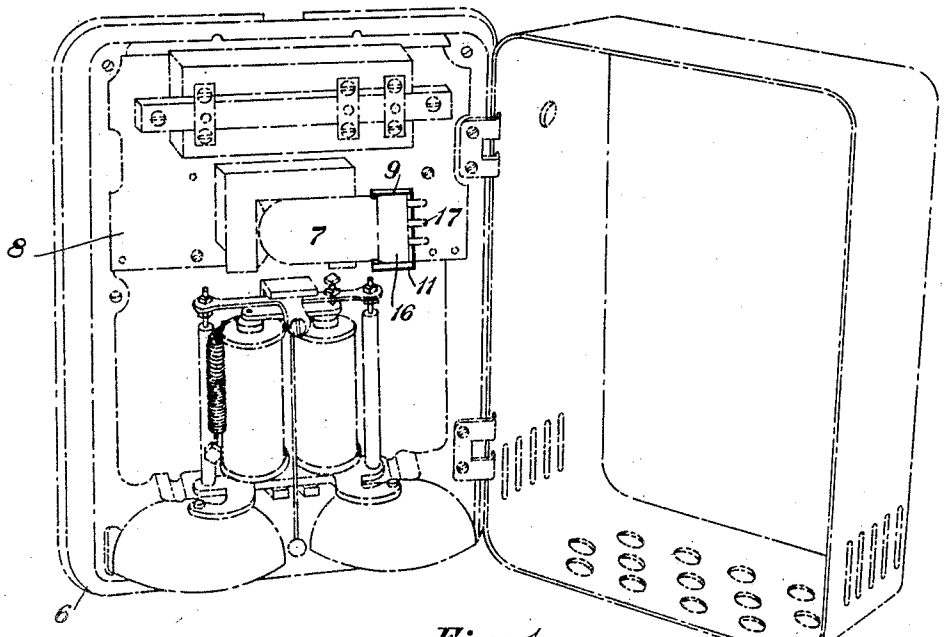


Fig. 1

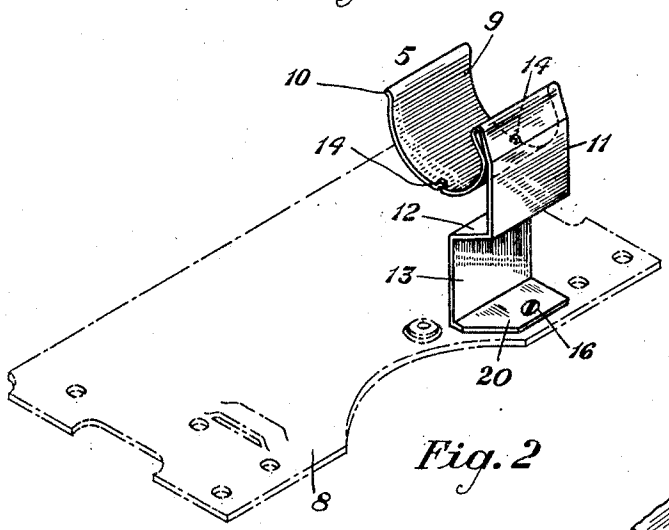


Fig. 2

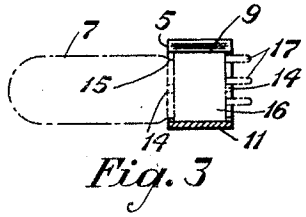


Fig. 3

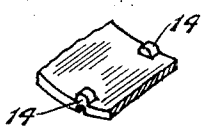


Fig. 4

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LAMP MOUNTING BRACKET

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2 Claims. (Cl. 248—300)

This invention relates to mounting devices such as brackets for firmly and securely holding lamp sockets in position.

The principal object of the invention is to simplify and reduce the size of the bracket to permit a socket of a miniature lamp or tube to be readily snapped into mounted position and provide therewith a compact structure.

This and further objects will be apparent from the following description, when considered in connection with the accompanying drawing in which one modification of the invention is illustrated.

Referring to the drawing, Figure 1 is a perspective view illustrating the improved bracket in position among other well-known instrumentalities usually mounted in a telephone bell box.

Fig. 2 is a perspective view showing the bracket in mounted position upon a base plate.

Fig. 3 is a sectional view of a socket showing a tube or miniature lamp in position therein, and

Fig. 4 is a perspective view of a broken-away portion of the semi-circular element of the bracket.

In the drawing, the improved bracket 5 is shown in Fig. 1 for the purpose of illustration as being installed in a telephone bell box 6. This bracket is adapted to receive a socket of a miniature lamp or tube 7, and these elements form a compact assembly which requires a minimum amount of space within the bell box. The bracket is supported on a mounting plate 8 which is secured to the rear wall of the bell box, as shown in Fig. 1 of the drawing. The bracket 5 and the lamp or tube 7 carried thereby are shown as positioned among the various instrumentalities contained in the bell box 6. It will be apparent that the small space occupied by the mounting bracket and its associated lamp or tube does not interfere with the space required for the other well-known combination of instrumentalities carried by the telephone bell box.

The bracket 5 comprises a strip of suitable metal from which is formed a substantially semi-circular portion 9, the free end 10 of which may be bent in a slightly outward direction. The opposite side of the semi-circular portion 9 which somewhat corresponds to the end 10 is bent back upon itself to provide a downwardly extending wall 11. This wall is bent inwardly to form a shoulder 12 and again bent downwardly from the shoulder to form a vertical wall 13. Projections 14, 14 are formed at the approximate midpoints of the edges of the semi-circular portion of the socket clip or bracket. The projection 14 on one edge engages a groove 15 formed between the inner edge of the socket and the abutting surface of the lamp or tube 7. The projection on the other edge of the semi-circular portion of the clip engages the outer edge of the socket. The socket is thus held in centered position between these projections. The projections 14, 14 lie directly above the downwardly extending or vertical wall 13, and this wall provides a pedestal which is centrally located with respect to the mounting bracket. The remote end of the bracket has a supporting portion 20 which extends at right angles from the pedestal wall 13 and an opening through this portion permits the insertion of a screw 16 by which the bracket may be secured to a supporting surface such as the mounting plate 8. The pedestal and associated elements are angularly disposed with respect to the semi-circular clip.

The inner dimension of the semi-circular portion 9 is of slightly less diameter than that of the socket 9, and the end 10 of the edge corresponding thereto at the opposite side of the semi-circular portion are so arranged that when the lamp or tube is pushed into position through the throat formed between the end 10 and the corresponding opposite edge, it is held in snug and resilient engagement in the semi-circular portion. The lamp may be provided with prongs 17, which provide terminals to which electrical conductors may be attached.

In the accompanying claims, the centerline of the tube is intended to define a straight line traversing the axis of the envelope of the lamp or tube 7 as well as the axis of its socket 9. In other words, the centerline is that line about which the lamp or tube 7 and its socket 9 may be rotated without changing the relative positions of its peripheral elements.

While the arrangements of this invention have been illustrated as embodied in a certain specific form, which has been deemed desirable, it will be understood that it is capable of embodiment in many and widely varied forms without departing from the spirit of the invention as defined in the appended claims.

What is claimed is:

1. A mounting bracket for holding lamps, including a clip formed of a sheet of metal having a portion somewhat semi-circular in form for engaging and clasping the socket of a lamp and having a bent back portion extending downwardly from one side of the clip and then being bent inwardly and downwardly to form a pedestal for the clip, the remote end of the clip being bent at right angles at the end of the pedestal to form an attaching member to secure the clip in posi-

tion upon a supporting surface, and means carried by the semi-circular portion for centering the socket in position in the semi-circular portion to prevent the movement of the socket along the centerline of the tube.

2. A mounting bracket for holding lamps, including a clip formed of a sheet of metal having a portion somewhat semi-circular in form for engaging and clasping the socket of a lamp and having a bent back portion extending downwardly from one side of the clip and then being bent inwardly and downwardly to form a pedestal for the clip, the remote end of the clip being bent at right angles at the end of the pedestal to form an attaching member to secure the clip in position upon a supporting surface, and means carried by the semi-circular portion for centering a socket in position in the semi-circular portion to prevent the movement of the socket along the centerline of the tube.

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