

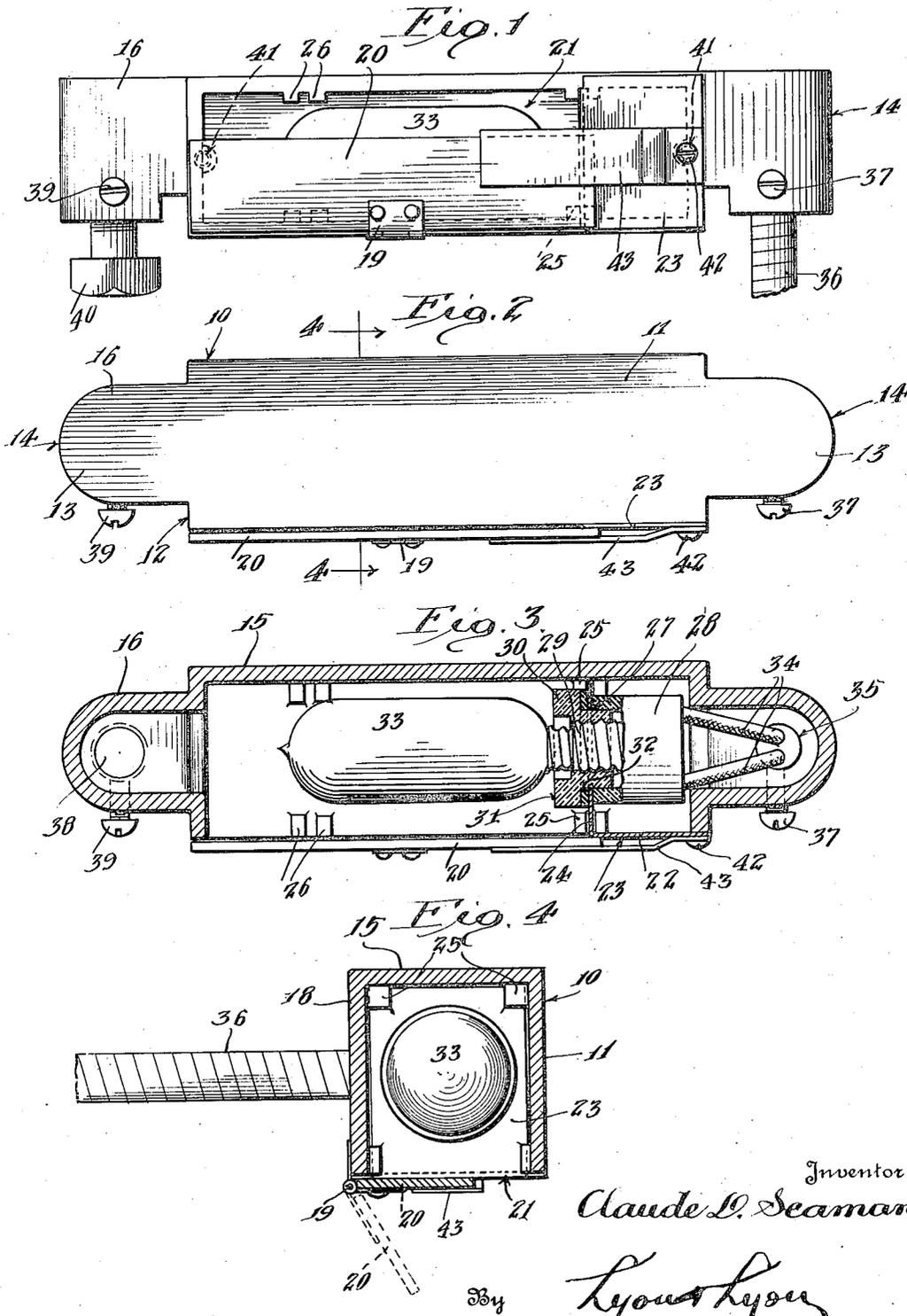
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LAMP MOUNTING

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# UNITED STATES PATENT OFFICE.

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## LAMP MOUNTING.

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*To all whom it may concern:*

Be it known that I, CLAUDE D. SEAMAN, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented a new and useful Lamp Mounting, of which the following is a specification.

This invention relates to lamp mountings and refers particularly to the type of lamp mounting which are used in theatres or similar places to light the floor or aisle thereof while preventing the light being cast upward above the floor or aisle.

An object of this invention is to provide a lamp mounting of simple and economical construction which will project a long shaft of light along a floor or aisle.

Another object of this invention is to provide a lamp mounting in which the electrical feeds to the lamp may be connected therewith at either end of the lamp mounting and the other end of the lamp mounting used to receive a clamp or bolt for supporting the lamp mounting in place upon a chair casting or similar device. By constructing the lamp mounting so that either end may be used interchangeably for receiving either the clamping means or the electrical feeds, it is much easier to install the lamps upon the chair castings.

Another object of this invention is to provide a lamp mounting with means at both ends of the mounting for supporting a lamp socket, said means being of complementary construction so that the socket may be quickly and readily attached to either end of the lamp mounting.

Another object of this invention is to provide a lamp mounting for projecting a long shaft or beam of light downwardly, which lamp mounting may readily be opened to remove or install an electrical bulb, when necessary.

Another object of this invention is to provide a lamp mounting which may be attached to a casting or similar member by cutting two unthreaded holes in said member and inserting through one of said holes the electrical cords to the light and through the other hole a bolt clamped to the lamp mounting. By this manner or method of mounting the cost of installing the lamp mounting upon the chair casting is extremely low.

Other objects and advantages of the in-

vention will be apparent from the description of a preferred embodiment of the invention, in the accompanying drawings there is illustrated one example of the lamp mounting embodying the invention in which—

Figure 1 is a bottom view of a lamp mounting embodying the invention,

Figure 2 is a front elevation of the lamp mounting shown in Figure 1,

Figure 3 is an elevation similar to Fig. 2, but mainly in longitudinal section, and

Fig. 4 is a transverse section on the line 4—4 of Fig. 2, showing in dotted lines the door of the lamp mounting swung partially open.

In the drawings, the lamp mounting comprises a casing 10, said casing 10 includes a front wall 11, the front wall of which is vertical and flat. Said front wall 11 has a central section 12 of rectangular shape and elongated in a horizontal direction. At the ends of the section 12, the front wall 11 is reduced in width to form opposed ends 13 of similar shape which are rounded at their ends as indicated by 14.

15 indicates a horizontal top wall of the casing joining the marginal edge of the section 12 of the front wall. The upper wall 15 is connected to the end walls 16 which follow the contour of the ends 13 of the casing and extend horizontally inward. The upper wall 15 of the case is preferably of greater width than the end wall 16 of the casing, which walls are also still further reduced in width where said walls join the section 12 of the casing. The rear of the casing is closed by a wall 18 shaped to provide a vertical rear wall for the section 12 and to close the section 12 and ends 13 thereof. It is thus seen that the casing comprising a rectangular box bounded at the front, rear and top, but open at the bottom, and said rectangular section is joined at its opposed ends to rounded extremities of less width.

19 indicates a hinge which is secured to the rear wall 18 of the casing and supports a swing door 20 which partially closes, in one position, the bottom of the casing 12, leaving a long narrow opening 21 at the bottom of the casing and along the marginal edge of the front section 12. The door 20 terminates a distance from one of the ends of the rectangular section of the cas-

ing, said end of the casing being covered by one leg 22 of an angle plate 23, the other leg 24 of said plate being bent vertically upward and into the casing 10 passing between lugs 25 formed on the casing. Said lugs 25 are positioned to engage both sides of each corner of the legs 24 of the plates and hold the same from moving in a horizontal direction within the casing. Similar lugs 26 are provided at similar places at the other end of the casing so that the angle plate 23 may be inserted into either end of the casing, as desired. The angle plate 23 is provided with an aperture 27 which is engaged on its outer face by an insulating socket base 28 carrying a screw threaded sleeve 29. 30 indicates a bushing threaded to the exterior of the sleeve 29 fitting the aperture 27 and provided with a flange 31 abutting a washer 32 which in turn is held against the inner face of the leg 24. The angle plate 23 thus supports a lamp socket in the mounting. Into the socket is screwed an electrical bulb 33, which is of elongated form to better project the light from the rectangular opening 21 at the bottom of the casing.

Electrical leads 34 are connected to the lamp socket and extend into one of the ends 13 of the casing and out through an aperture 35 at the rear of said end 13. Surrounding the leads 34 on the exterior of the casing pin and extending slightly within the ends 13 is provided a spiral armor 36. A set screw 37 is threaded into the bottom of the end 13, extends within the end and engages with the armor 36 to take the load from the electrical leads 34.

The opposed end 13 of the casing 10 is provided with an opening 38 and a set screw 39 similar to the opening 35 and set screw 37.

When the lamp mounting is to be secured to a chair casting or the like, two horizontally aligned holes are cut therein at a distance equivalent to the distance between holes 35 and 38 of the lamp mounting. Through one said chair casing holes an armor 36 is extended and through the other opening is extended a bolt 40 which enters the opening 38 and is engaged by the set screw 39.

At the bottom of the rectangular section 12 of the casting and at each end thereof, there is provided a screw threaded opening 41. Into one of said openings 41 a screw 42 is threaded which pivotally mounts a latch 43 for the door 20.

While I have herein described the preferred embodiment of the invention and the same is well suited for the purpose of this invention, it is not intended to limit the invention to the specific embodiment shown, as various modifications may be made in the details of construction, without departing from the spirit of the invention. This invention is of the scope set forth in the accompanying claims.

I claim:

1. A lamp mounting comprising a casing having a central elongated rectangular section open at its bottom side and joined to rounded end sections, means for mounting a lamp socket at one end of the casing, electrical leads extending through one of the rounded ends of the casing and connected to the lamp socket, means associated with the opposed end for supporting the lamp mounting, and a door pivoted to the casing and partially closing the open side thereof.

2. A lamp mounting comprising a casing having an elongated central section and two similar end sections, said central section being open at its lower side, a socket supporting member extending vertically within the casing, lugs formed on the casing for holding said member in place, a socket supported by said member, and a door pivoted to the casing for partially closing the bottom side.

3. A lamp mounting comprising a casing having an elongated section joined at opposed ends to similar end sections, openings in the rear end of said end sections, a lamp socket supported at one end of the casing and having electrical leads inserted through one of said openings, a bolt extended into the opposed opening, and a door pivoted to the casing and adapted to partially close the bottom side of the case.

Signed at Los Angeles, California this 6th day of February, 1924.

CLAUDE D. SEAMAN.