Oct. 28, 1930. L. ERIKSON 1,779,591

SHOW CASE REFLECTOR

Filed Oct. 9, 1929

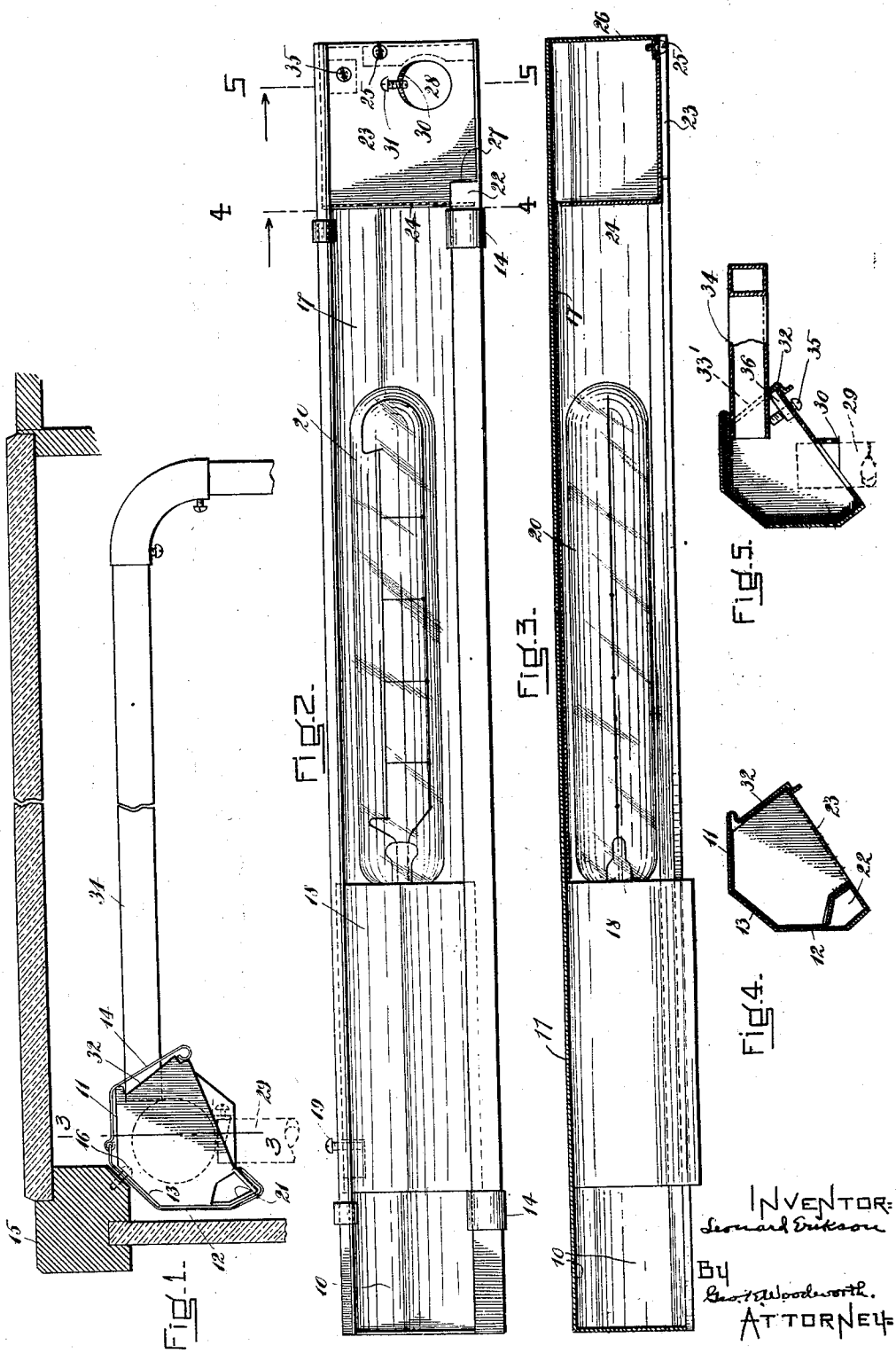


Fig. 1.

Fig. 2.

Fig. 3.

Fig. 5.

Fig. 4.

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SHOW-CASE REFLECTOR

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My invention relates to show-case reflectors and its general object is to improve and simplify the construction thereof in the manner hereinafter set forth, one specific object being to provide such reflector with a compartment or pocket for housing the spliced portions of the electrical conductors in cases where a number of reflectors are connected in parallel.

With the foregoing object in view, my invention comprises a trough-shaped body provided with the usual reflector and with a wire conduit, preferably formed by reversely bending the lower end of the side portion of said body, and a flanged cover-plate removably secured to the reflector at one end thereof so that the flange of the plate forms with the end wall of the body a splicing pocket into which the conduit projects.

In the drawings which accompany and form a part of this specification—

Figure 1 is an end elevation partly in section of a show-case reflector embodying my invention;

Fig. 2 is a plan view of said reflector as seen from below;

Fig. 3 is a section taken on the line 3—3 of Fig. 1; and

Figs. 4 and 5 are sections taken on the lines 4—4 and 5—5, respectively, of Fig. 2.

In the particular drawings selected for more fully disclosing my invention, 10 is a trough-shaped body open at one side and having a substantially horizontal top portion 11 and a substantially vertical side portion 12 connected by a portion 13 inclined about 45 degrees from the horizontal. Clips 14 are provided for securing the reflector to the show-case 15 by screws, one of which is shown at 16. The trough-shaped body is provided with the usual reflector member 17 which may be of any suitable construction, for example, a plate of polished metal, a lamp socket 18 secured in position by the screw 19 and a lamp 20. The lower end of the side portion 12 is reversely bent as shown at 21 to provide a conduit 22 for the electrical conductors which are connected to the lamp socket.

Where a number of such reflectors as above described are used on a single circuit in connection with a plurality of show-cases, it is necessary to splice the conductors which pass through the socket and are usually of the "slow-burning" type so as to connect the several lamps in parallel with the lighting circuit. In order to house the splices, I provide a pocket at one end of the reflector and for this purpose employ a plate 23 having a flange 24, which plate is removably attached to the reflector as by the screw 25 passing through said plate and a flange on the end wall 26 of the trough-shaped body, the flange 24, plate 23 and end wall 26 forming a compartment into which, as shown in Fig. 2, the conduit 22 extends, a portion of said plate 23 being cut away as indicated at 27 and abutting the end of the lower wall of the conduit.

The cover-plate is provided with an aperture 28 for receiving a tubular conduit 29 and this aperture is provided with a flange 30 through which a screw 31 is threaded for securing said tubular conduit in position. The horizontal portion 11 of the tubular body terminates in a down-turned portion 32 which also is provided with an aperture 33 for receiving a tubular socket 34, said socket being secured in position by the screw 35 which is threaded into the cover-plate, the latter being reinforced at this point by the plate 36.

The reflector is provided with the apertures 28 and 33 aforesaid so that the user may employ either a horizontal tubular conduit 34 or a vertical tubular conduit 29, depending upon the construction of the show case.

Having thus described an illustrative embodiment of my invention without however limiting the same thereto, what I claim and desire to secure by Letters Patent is:—

1. A show-case reflect or comprising a trough-shaped body having a substantially horizontal top portion and a substantially vertical side portion, the lower end of said side portion being reversely bent to form a conduit for electrical conductors terminating short of one end of said body, and a cover-plate having a flange at right angles thereto, said cover-plate being removably secured to said reflector at one end thereof to form with the end wall of said body a splicing pocket into which said conduit projects.

2. A show-case reflector comprising a trough-shaped body having a substantially horizontal top portion and a substantially vertical side portion, the lower end of said side portion being reversely bent to form a conduit for electrical conductors terminating short of one end of said body, and a cover-plate having a flange at right angles thereto, said cover-plate being removably secured to said reflector at one end thereof to form with the end wall of said body a splicing pocket into which said conduit projects and being provided with an aperture for receiving a tubular conduit extending into said pocket.

3. A show-case reflector comprising a trough-shaped body having a substantially horizontal top portion and a substantially vertical side portion, the lower end of said side portion being reversely bent to form a conduit for electrical conductors terminating short of one end of said body, a cover-plate having a flange at right angles thereto, said cover-plate being removably secured to said reflector at one end thereof to form with the end wall of said body a splicing pocket into which said conduit projects and being provided with an aperture for receiving a tubular member extending into said pocket, and a flange integral with said cover-plate for securing said tubular member thereto.

4. A show-case reflector comprising a trough-shaped body having a substantially horizontal top portion and a substantially vertical side portion, the lower end of said side portion being reversely bent to form a conduit for electrical conductors terminating short of one end of said body, a cover-plate having a flange at right angles thereto, said cover-plate being removably secured to said reflector at one end thereof to form with the end wall of said body a splicing pocket into which said conduit projects, and said horizontal portion terminating in a downturned portion provided at one end with an aperture for receiving a tubular conduit extending into said pocket.

In testimony whereof, I have hereunto subscribed my name this 8th day of October, 1929.

LEONARD ERIKSON.