Sept. 16, 1930. S. M. KENERSON 1,775,768

WALL LAMP ATTACHMENT

Filed Oct. 12, 1928

Fig. 1

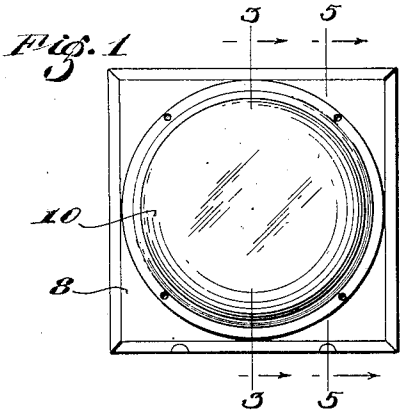


Fig. 2

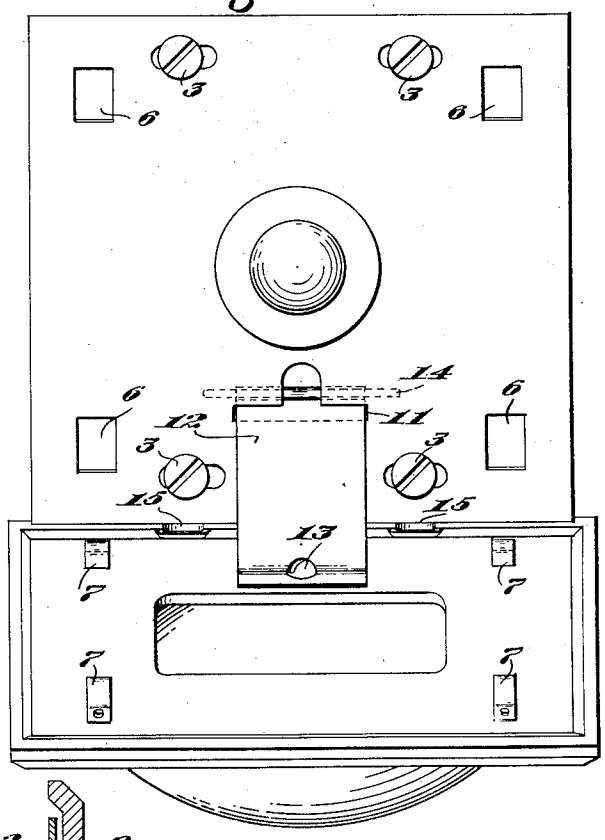


Fig. 3

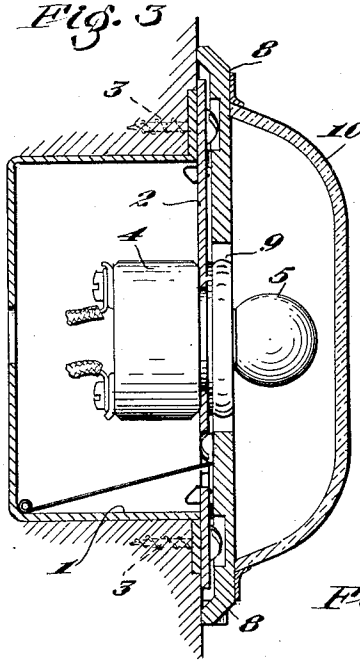


Fig. 5

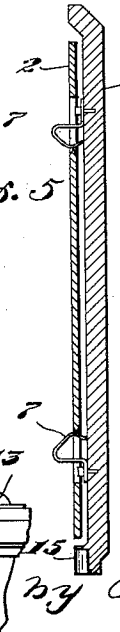


Fig. 4

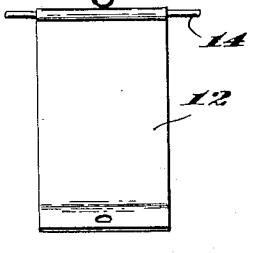


Fig. 6

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UNITED STATES PATENT OFFICE

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WALL-LAMP ATTACHMENT

Application filed October 12, 1928. Serial No. 312,030.

This invention relates to electric wall lamps and the like, and has for an object the provision of a cover plate and means whereby the same may be attached and removed without injury to the lamp or to the transparent dome or other appurtenances usually associated therewith.

It is also an object to provide means for retaining the cover plate in a convenient position, during removal from the lamp, so that it will be out of the way and yet may be readily replaced. Other objects will appear from the following disclosure.

This invention broadly includes a base plate (which may be permanently attached to the wall and usually carries the electric bulb and connections) a cover plate which may be readily attached to and detached from the base plate, and an extensible resilient member, connecting the base plate and cover plate, permitting separation of the two plates but arranged to prevent complete separation of the cover plate from the base plate and preferably to also prevent relative sidewise or twisting movement.

A specific and typical embodiment of the invention will be described in its application to dome lights such as those used for signal purposes in hospitals, reference being made to the accompanying drawings in which:

Fig. 1 is a front view of the lamp;

Fig. 2 is an enlarged view, showing the base plate and the cover plate, in extended relative positions;

Fig. 3 is a cross-section (on line 3—3 of Fig. 1) of an outlet box and lamp assembled with the cover plate, in closed position;

Fig. 4 shows a resilient metal strip for connecting the base plate with the cover plate;

Fig. 5 is a cross section (on line 5—5 of Fig. 1) of the base plate and cover plate, in closed position; and

Fig. 6 is a side view, with parts broken away, of the base plate and cover plate, retained in extended position by the connecting strip.

Referring to the drawings, numeral 1 (Fig. 3) indicates a usual form of outlet box, set into a recess in the wall and having suitable electrical connections. Over the outlet box 1 and extending across its outer side is mounted a base plate 2, which is fastened to the wall by screws 3 and may carry an electric socket 4 for the lamp bulb 5, or a plurality of lamp bulbs, if desired. The base plate 2 is likewise provided with (four) spaced openings 6 adapted to receive correspondingly spaced metallic snap members 7 on the cover plate 8. The latter may be a rigid plate (of metal, bakelite or similar material) having a central opening 9 therein, opposite the lamp bulb 5. The opening 9 may be enclosed by a transparent or colored glass dome 10 which is convex and stands away from the bulb 5, when the plates are in closed position (Fig. 3).

The base plate 2 has a horizontal opening or slot 11 (Fig. 2) while to the cover plate 8 is attached one end of a resilient metal strip 12 (by screw 13) the other end of which passes lengthwise through the guide slot 11 preferably with a snug, sliding fit and terminates in an enlarged end or a cross bar 14 which is adapted to engage the edges of slot 11 on the under side and prevent complete retraction of the strip therethrough.

In closed position, as shown by Fig. 3, the base plate 2 and cover plate 8 are firmly held in close juxtaposition by the medal snaps 7, the strip 12 passing through opening 11 and into the space provided by the outlet box 1. To open, the cover plate 8 is pried away from the base plate 2 as by inserting a screw driver therebetween, (in the finger hole 15), until the snap fasteners 7 are released from engagement in the openings 6. The cover plate may then be drawn freely forward, the strip 12 sliding through the guide slot 11 until the cross bar 14 engages the edges of the guide slot. The snug fit of the strip 12 in

the slot 11 prevents any appreciable lateral or twisting movement of the cover plate, but permits the cover plate to be lowered downward and forward into a horizontal position, as shown in Fig. 6. In this position the cover plate is out of the way, giving free access to the bulb 5 and to the outlet box 1, if necessary. When it is to be returned to closed position, it is merely raised into vertical position and pushed back, the strip 12 serving as a guide to direct the snap fasteners 7 into the holes 6 with a single movement of the hand.

It is to be understood that the invention, while especially applicable to covers for dome lights, as in the construction described, is likewise suitable for other equipment and whenever a cover is required which is subjected to more or less frequent removal. It may also be advantageously applied generally to covers which are snapped into and out of position and consist of fragile materials or parts necessitating careful handling.

I claim:

1. A wall lamp or the like comprising an outlet box, a base plate extending across the outer side of said box and having an opening therein, a cover plate, means for attaching the cover plate to the base plate, and a member on the cover plate extending through the opening in the base plate into the box and movable lengthwise through said opening to permit the cover plate to be moved away from the base plate, said member being adapted to engage the base plate against complete retraction.

2. A wall lamp or the like comprising an outlet box, a base plate extending across the outer side of said box and having an opening therein, a cover plate, means for attaching the cover plate to the base plate, and a resilient member on the cover plate extending through the opening in the base plate into the box and movable lengthwise through said opening to permit the cover plate to be moved away from the base plate, said member being adapted to engage the base plate against complete retraction.

3. A wall lamp or the like comprising an outlet box, a base plate extending across the outer side of said box and having an opening therein, a cover plate, means for attaching the cover plate to the base plate and a resilient member on the cover plate extending through the opening in the base plate into the box and movable lengthwise through said opening to permit the cover plate being swung away from the base plate, said member being adapted snugly to fit said opening and engage the base plate against complete retraction.

4. A wall lamp comprising an outlet box adapted to be set into a wall, a base plate extending across the outer side of said box and having a slot therein, a lamp socket on said base plate, a rigid cover plate having a light transmitting globe corresponding to the lamp socket, means for fastening the cover plate to the base plate, a flat resilient strip attached to the cover plate and movable lengthwise through the slot in the base plate to permit the cover plate to be swung away from the base plate and lamp socket, and an element on said resilient strip to prevent complete retraction of the strip from the slot.

Signed by me at Springfield, Mass., this tenth day of October, 1928.

STANLEY M. KENERSON.