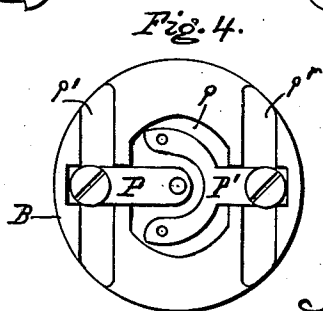
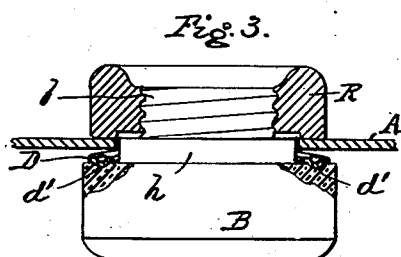
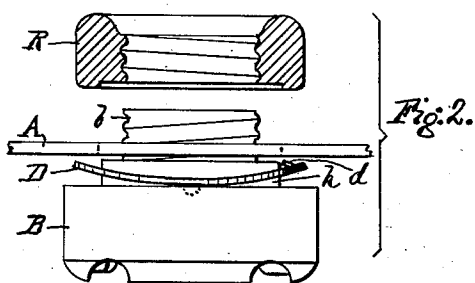
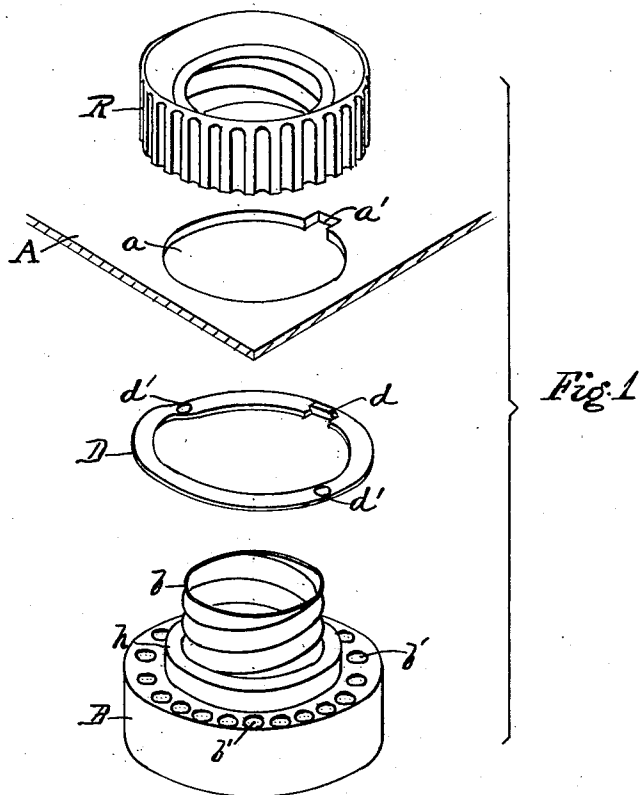


903,768.

C. D. PLATT.
SIGN RECEPTACLE.
APPLICATION FILED DEC. 12, 1907.

Patented Nov. 10, 1908.



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CLARENCE D. PLATT, OF BRIDGEPORT, CONNECTICUT, ASSIGNOR TO THE BRYANT ELECTRIC COMPANY, OF BRIDGEPORT, CONNECTICUT, A CORPORATION OF CONNECTICUT.

SIGN-RECEPTACLE.

No. 903,768.

Specification of Letters Patent.

Patented Nov. 10, 1908.

Application filed December 12, 1907. Serial No. 406,208.

To all whom it may concern:

Be it known that I, CLARENCE D. PLATT, a citizen of the United States of America, residing at Bridgeport, in the county of Fairfield and State of Connecticut, have invented certain new and useful Improvements in Sign-Receptacles, of which the following is a specification.

The main object of my invention is to so construct an electrical sign receptacle that while it may be set into the sign board in any position in which the direction of the wires may make most convenient, it can be held in the selected position securely and without danger of its being worked loose by vibration.

In the accompanying drawings Figure 1 is a perspective view of the separable parts of the receptacle and sign board, when separated; Fig. 2 is a view, partly in section, showing the receptacle about to be secured in place; Fig. 3 is a sectional view taken in a plane perpendicular to the section, Fig. 2, but with the parts secured; and Fig. 4 is a rear view of the receptacle before the insulating and waterproofing compounds have been applied.

A is the metallic sign plate having holes such as a in it at intervals, according to the number and arrangement of the electric lamps required for the particular case.

The receptacle for the electric lamp is somewhat similar to a style of sign receptacle now in common use in that it has an insulating body part B, containing the lamp receiving terminals, one of which is the usual screw shell b , to be passed through the hole a in the sign plate from the rear, the receptacle to be held to the board by an insulating screw ring R screwed onto the ring B from the front of the plate A. The body part B may have a neck h of a diameter to fit neatly within the hole a in the plate. Heretofore this shoulder has had on it at a suitable point a radial projection to enter a notch a' in the plate to prevent the rotation of the receptacle. That projection is liable to be broken off, and in any case, it permits the receptacle to be secured in only one position rotarily, which may be inconvenient with respect to the running of the wires from the back of one receptacle to adjacent ones. To overcome these difficulties and at the same time to secure the receptacle to the plate so that the screw ring R will not work

loose from vibration, I provide a locking ring D which is adapted to fit around the neck h back of the sign plate. This ring is provided with a projection d to fit into the notch a' in the sign plate, and this projection may be punched upwardly out of the ring itself as shown. The ring is also provided with one or more projections d^1 to engage any one or more of a large number of recesses b^1 on the body of the receptacle, and preferably I form the projections d^1 by making two diametrically opposite indentations downwardly in the ring, and a large number of corresponding recesses on the upper face or shoulder of the body B around the neck h to receive the projections d^1 . I also bend the ring D out of its natural plane, as shown in Figs. 1 and 2, and I make it of elastic metal so that when the parts shown in Fig. 1, are put together as indicated in Figs. 2 and 3, and the screw ring R is screwed down, not only will the ring D serve to lock the receptacle securely to the sign plate in any desired position convenient for the running of the wires, but the ring D will act as a spring washer to prevent the ring R from jarring loose by vibrations to which the sign plate may be subjected.

The respective lamp-receiving terminals are connected in any usual way to terminal plates P and P^1 lying in a central recess p and projecting into grooves p^1 for the wires at the back of the receptacle, Fig. 4. The central recess is to be filled with insulating compound as usual, and waterproofing compound is poured into the grooves p^1 , to cover up the bared portions of the wires after they have been connected up to the binding screws on the terminal plates.

I claim as my invention:

1. A sign lamp receptacle consisting of a body part carrying lamp-receiving terminals and an attaching screw ring, with a locking ring to lock the receptacle rotarily to the sign plate.
2. A sign lamp receptacle consisting of a body part and a screw ring to attach it to the sign plate, and a locking ring having a locking connection with the sign plate and also with the receptacle, the said locking connection on one part being many times repeated for the purpose described.
3. A sign lamp receptacle consisting of a body part and a screw ring to attach it to the sign plate, and a locking ring to lock the

receptacle rotarily to the plate, said locking ring being elastic and bent and adapted to be interposed between the receptacle and plate.

- 5 4. A sign lamp receptacle, consisting of a body part having on its face a number of recesses, a screw ring to attach the receptacle to the sign plate, and a locking ring having a part to engage the sign plate and also
10 projections on the underside of the ring to engage any of the recesses in said body part.

5. A sign lamp receptacle, consisting of a body part and a ring to attach it to the sign plate, in combination with means to lock the

receptacle to the sign plate in any of many 15 positions rotarily.

6. A sign receptacle, consisting of a body part and a screw ring to attach it to the sign plate, in combination with means to lock the receptacle to the sign plate in any one of 20 many positions rotarily.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses.

CLARENCE D. PLATT.

Witnesses:

G. W. GOODRIDGE,
F. E. SEELEY.