

G. W. GOODRIDGE.
WALL SOCKET.
APPLICATION FILED JULY 21, 1909.

977,297.

Patented Nov. 29, 1910.

Fig. 1

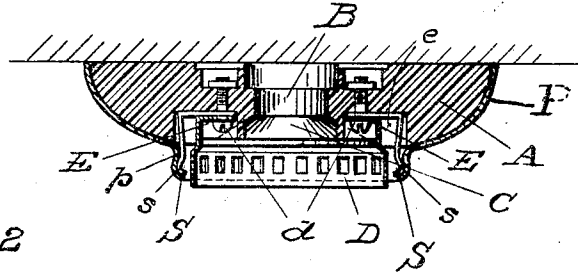


Fig. 2

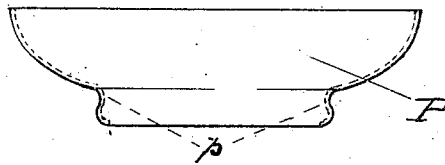
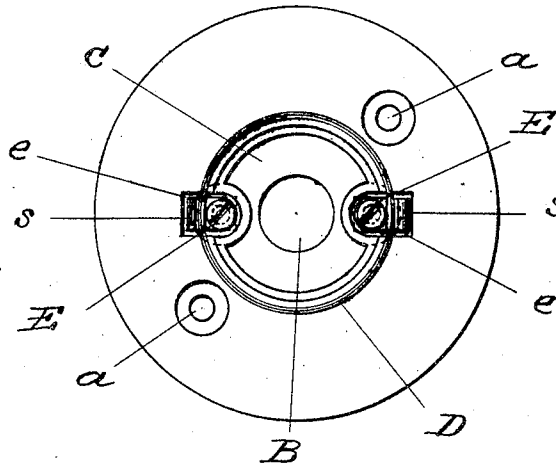


Fig. 3



Witnesses:
Charles C. Abbe
W. E. Kerr

Inventor
Gilbert W. Goodridge
By his Attorneys
Howson and Howson

UNITED STATES PATENT OFFICE.

GILBERT W. GOODRIDGE, OF BRIDGEPORT, CONNECTICUT, ASSIGNOR TO THE BRYANT ELECTRIC COMPANY, OF BRIDGEPORT, CONNECTICUT, A CORPORATION OF CONNECTICUT.

WALL-SOCKET.

977,297.

Specification of Letters Patent.

Patented Nov. 29, 1910.

Application filed July 21, 1909. Serial No. 508,765.

To all whom it may concern:

Be it known that I, GILBERT W. GOODRIDGE, a citizen of the United States of America, residing in the city of Bridgeport, in the county of Fairfield, in the State of Connecticut, have invented certain new and useful Improvements in Wall-Sockets, of which the following is a specification.

My invention relates to wall sockets, and particularly to means for fastening the usual metal canopy in place, the special object of my invention being to do away with the use of the ordinary screws now commonly used for this purpose.

In the accompanying drawings in which a socket base embodying my invention in one form is shown, Figure 1 is a vertical section of the socket; Fig. 2 is a side elevation of the canopy in position to be applied to the socket; Fig. 3 is a plan of the socket with the canopy removed.

Describing my invention with reference to the illustrations thereof in the accompanying drawings, the device comprises the usual insulating base A having a central perforation B to admit the leading in wires and holes *a* for securing screws by which the same may be fastened to the wall or ceiling. Around the depression C which leads downward to the perforation B I locate ring D or other suitable holding device by which the socket may be secured to the base. Lugs E on the ring are located in wells *e* in the base and are held rigid by securing screws *d*. The wells *e* are extended outside the ring D in order to afford room for the flat springs S, the inner ends of which are angled under the lugs E and are held by the screws *d*.

Over the socket base fits the canopy P, as shown in Fig. 1. The neck of the canopy is provided with an inwardly projecting bead *p* which is formed with reference to the offset *s* on the outer end of the spring, so that when the canopy is pressed into position over the base A the bead *p* snaps under the offset *s* of the spring and the canopy is thus securely held in position. By this device the objectionable screws are done away with and the securing means are located within the canopy, and being concealed, thus adds to the appearance of the fixture. At the same time the spring and bead have the further advantage of being permanently located and easily snapped

together without regard to the angular position of the canopy, as distinguished from the screws which are very apt to be lost and in any event cannot be inserted unless the screw holes in the neck of the canopy and in the ring D or its equivalent, are in precise alinement.

Obviously the particular arrangement and numbers of the springs may be varied and the cooperating bead or other device on the canopy may be given another form without departing from my invention, and I therefore do not restrict myself to the particular form shown, but regard any structure falling within the scope of the following claims as my invention:—

I claim—

1. In a device of the character described, a base, a latching element thereon for supporting an electric fitting, in combination with a canopy to fit over said base and spring means carried by said base for securing said canopy in position.

2. In a device of the character described, a base, a latching element for supporting an electric fitting and securing means for fastening the latter to said base in combination with a canopy to fit over said base and spring means held by said securing means for fastening said canopy in position.

3. In a device of the character described, a base, an electric fitting carrier mounted thereon, in combination with a canopy provided with an internal bead and adapted to fit over said base, and spring means cooperating with said bead for securing said canopy in position.

4. In a device of the character described, a base, an electric fitting carrier mounted thereon, in combination with a canopy provided with an internal bead and adapted to fit over said base, spring means cooperating with said bead for securing said canopy in position together with means for securing said spring and fitting carrier to said base.

5. In a device of the character described, a base, an electric fitting carrier mounted thereon, in combination with a canopy adapted to fit over said base and concealed means for securing said canopy thereto in any rotary position with relation to said base.

6. In a device of the character described, a recessed base, a canopy fitting thereover and provided with an internal bead, an

electric fitting carrier with a securing lug entering the recess of said base, a concealed spring located in said recess and engaging said bead on the canopy and means
5 for securing said spring and fitting carrier to the base, substantially as described.

7. A wall receptacle of the character described, an insulating base with central wire perforation, a fitting carrier surrounding
10 said perforation and mounted on said base, a canopy fitting over said base and con-

cealed means lying outside said carrier and mounted on said base for engaging said canopy.

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

GILBERT W. GOODRIDGE.

Witnesses:

H. W. GOLDSBOROUGH,
A. H. JONES.