

No. 659,546.

Patented Oct. 9, 1900.

C. D. PLATT.

RECEPTACLE FOR PLUGS OR PLUG SWITCHES.

(Application filed June 27, 1900.)

(No Model.)

FIG. 1.

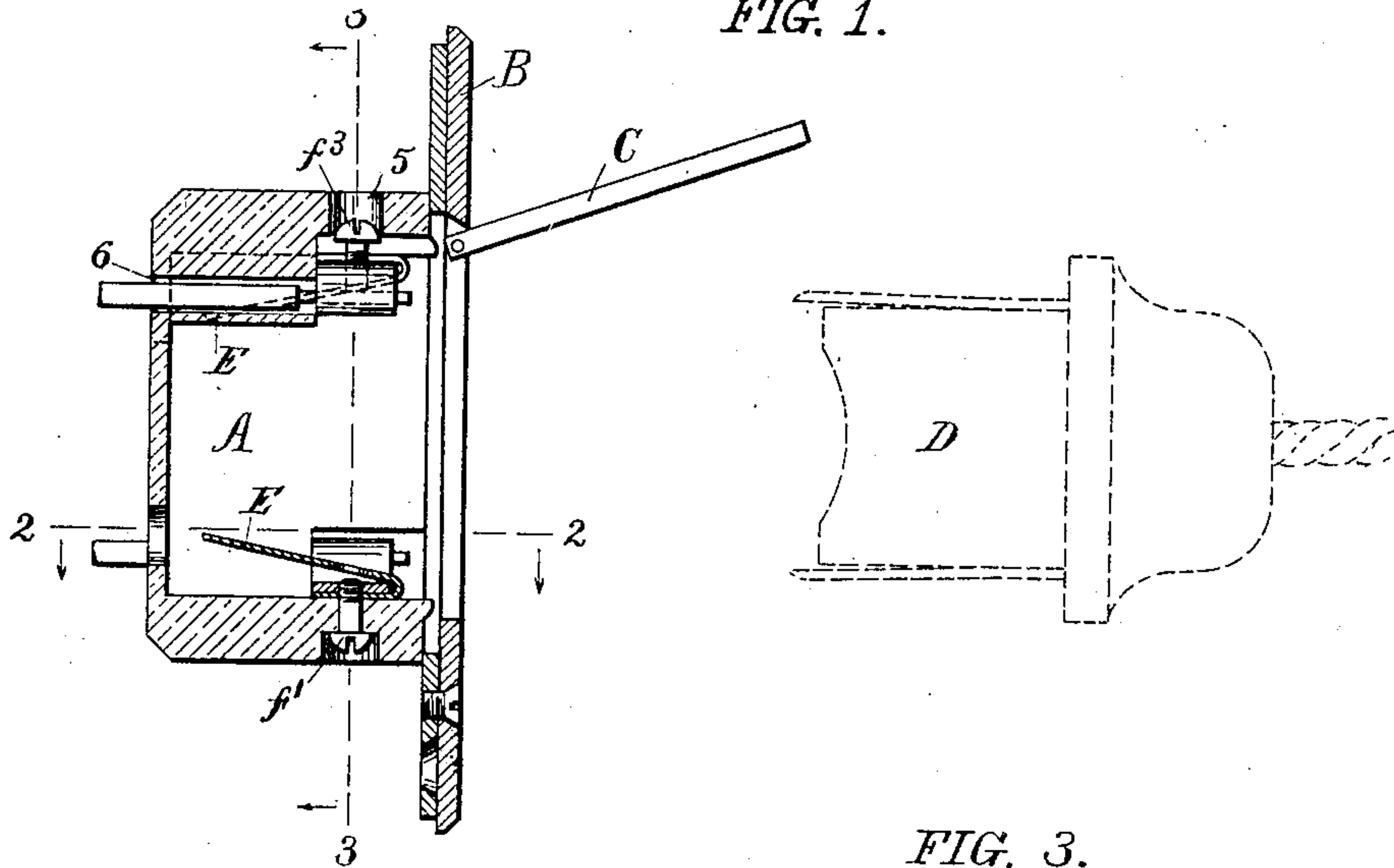


FIG. 2.

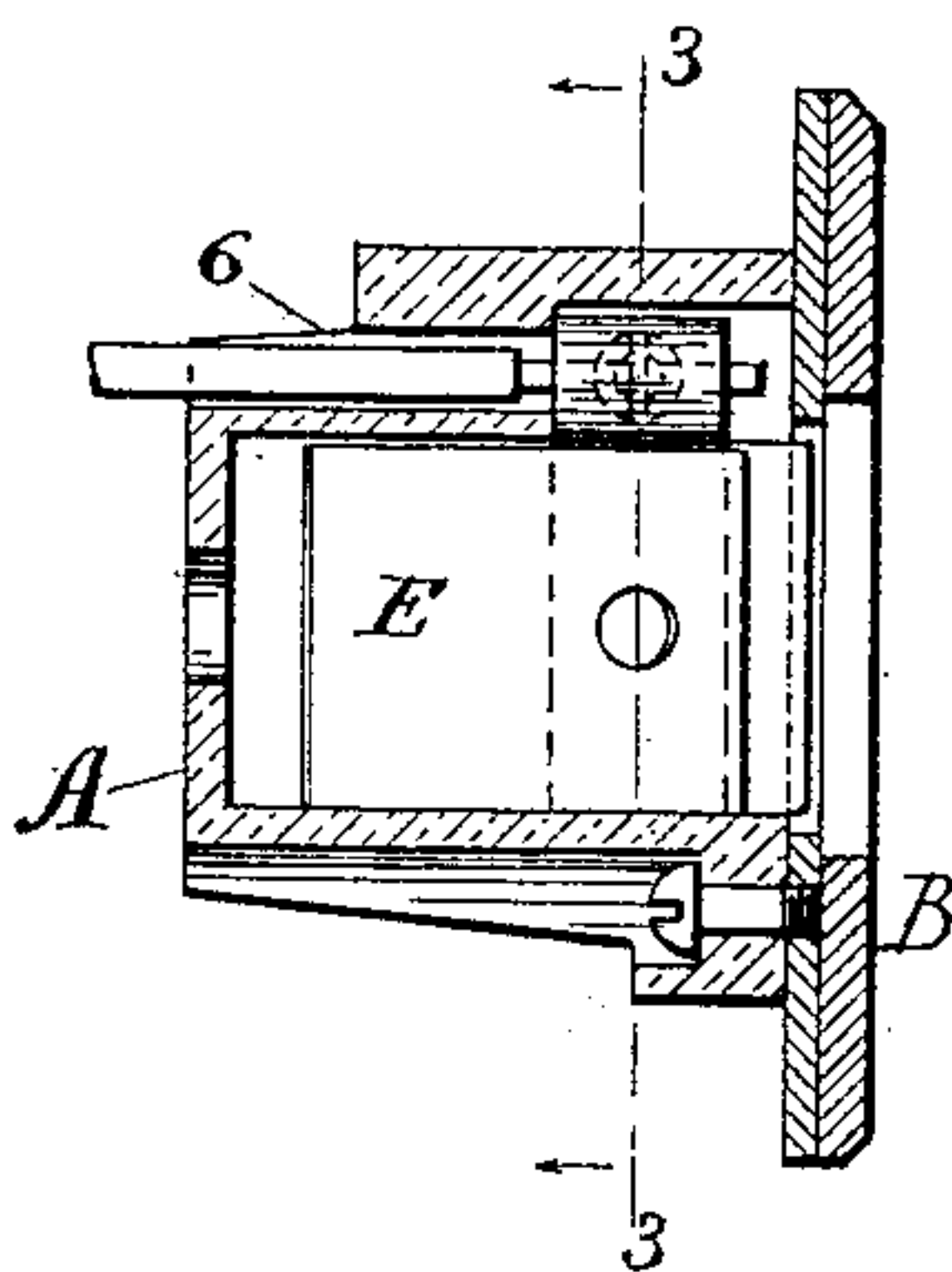


FIG. 3.

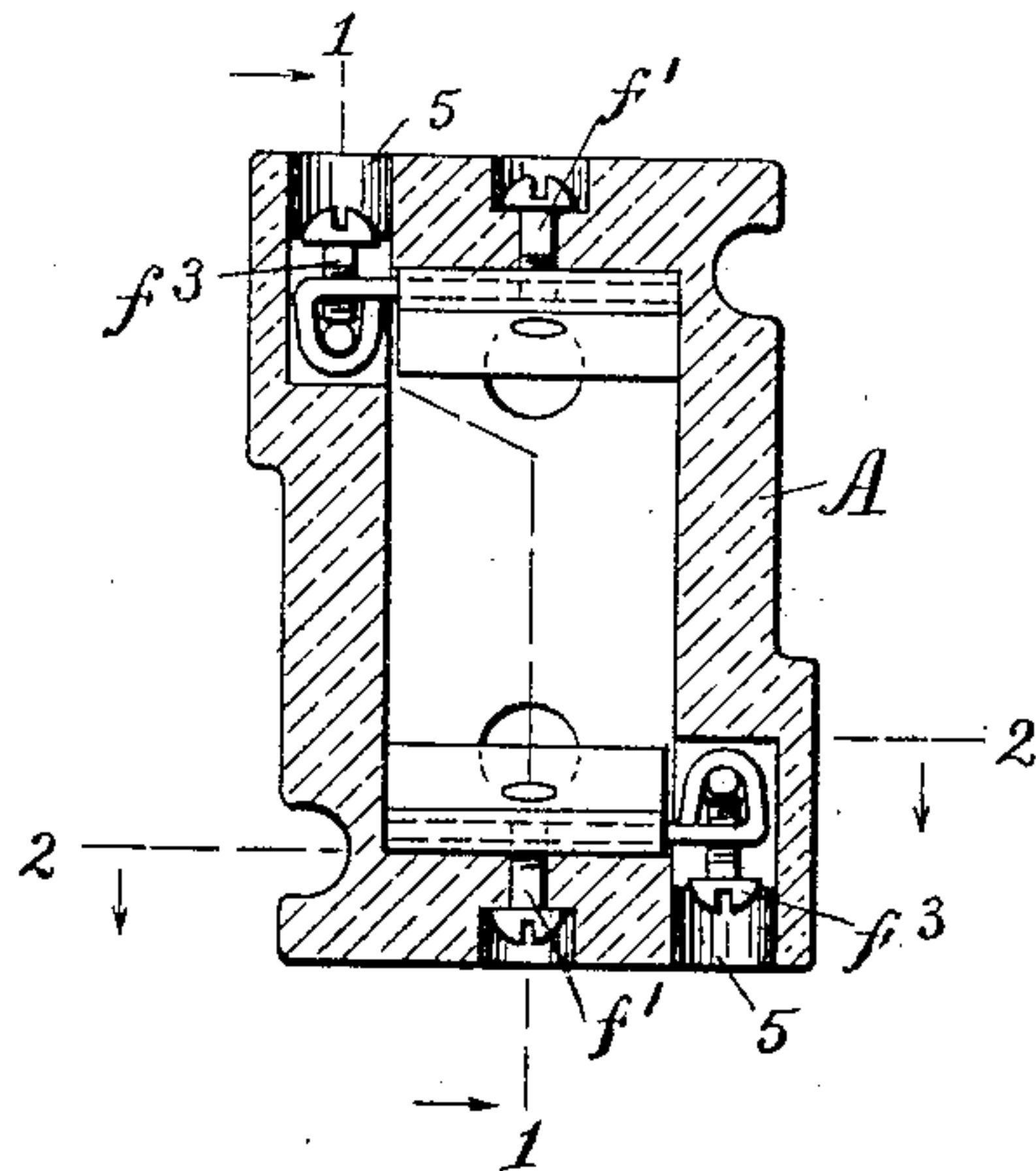
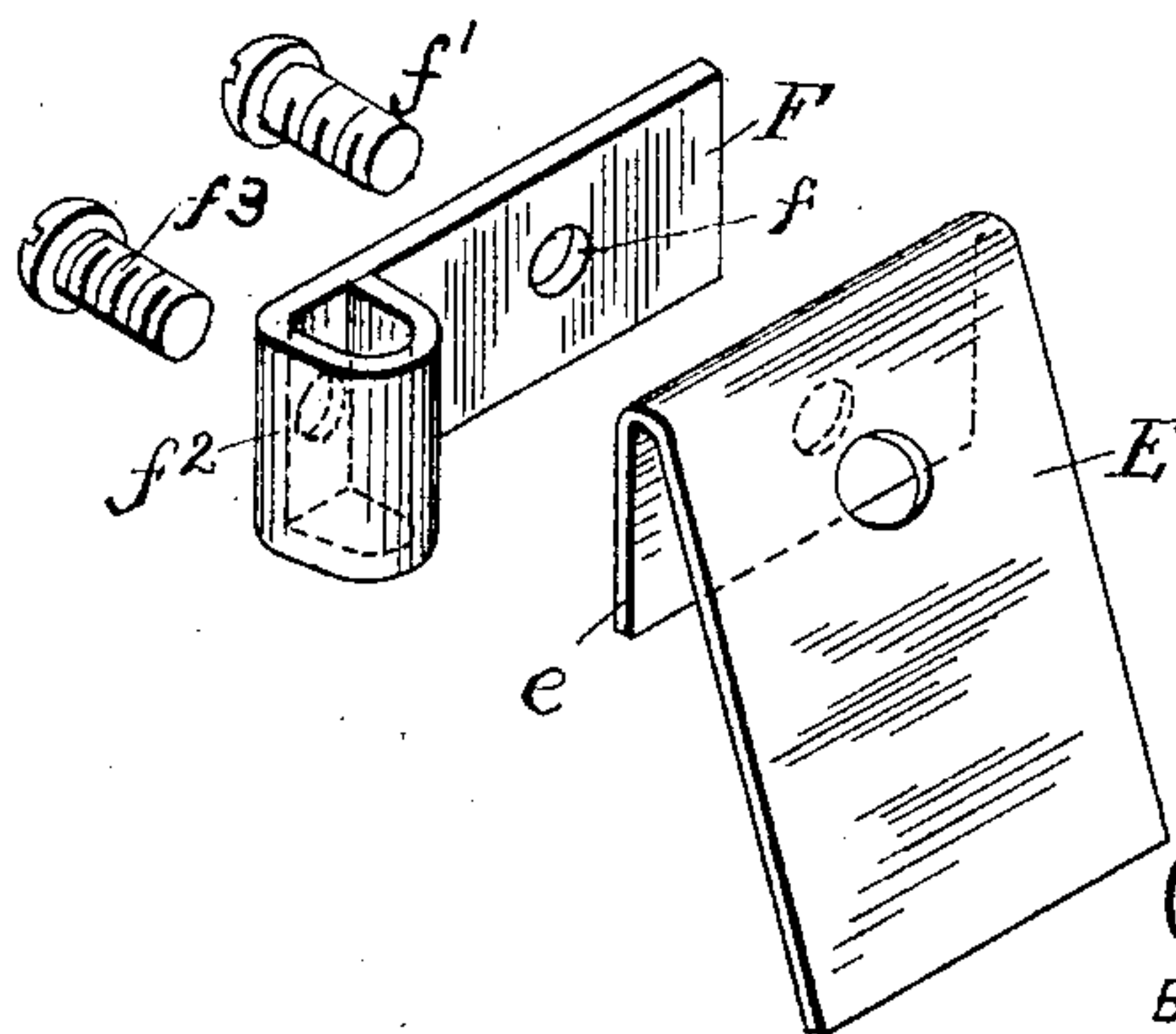


FIG. 4.



WITNESSES:

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CLARENCE D. PLATT, OF BRIDGEPORT, CONNECTICUT, ASSIGNOR TO THE
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RECEPTACLE FOR PLUGS OR PLUG-SWITCHES.

SPECIFICATION forming part of Letters Patent No. 659,546, dated October 9, 1900.

Application filed June 27, 1900. Serial No. 21,834. (No model.)

To all whom it may concern:

Be it known that I, CLARENCE D. PLATT, a citizen of the United States of America, residing in Bridgeport, in the county of Fairfield, State of Connecticut, have invented Improvements in Receptacles for Plugs or Plug-Switches, of which the following is a specification.

The object of my invention is to construct in a simple, economical, and efficient form an electrical receptacle, more particularly a receptacle of the type illustrated in the Chapman patent, No. 539,725, dated May 21, 1895.

In the accompanying drawings, Figure 1 is a sectional view of the receptacle on the line 1 1, Fig. 3, and showing the cooperating plug in dotted lines. Fig. 2 is a cross-section on the line 2 2, Figs. 1 and 3. Fig. 3 is a sectional view on the lines 3 3, Figs. 1 and 2; and Fig. 4 is a perspective view of one set of contact parts in the receptacle.

The body A of the receptacle is, as usual, of box-like form and may be conveniently of porcelain or other suitable insulating material and provided with any suitable face-plate B, having a central opening adapted to be closed by a hinged lid C when the connecting-plug D, Fig. 1, is withdrawn.

At opposite ends of the box or receptacle are the spring-contacts E E, each of which is a leaf of spring metal, Figs. 1 and 4, with a bent flange *e* to fit over a cross-piece F of metal. This piece F lies across the end wall of the receptacle and has a threaded opening *f* for the reception of a securing-screw *f*¹, passing through an opening in the end wall of the receptacle and an opening in the flange *e* of the plate E, the latter being by this means firmly clamped to the end wall of the receptacle, as shown in Fig. 1. The end of the

clamping-piece F is bent around or otherwise formed into an eye or socket *f*², adapted to receive the bared end of the conducting-wire, which can then be secured by a screw *f*³, passing freely through an opening 5 in the end wall of the receptacle and threaded into the eye *f*², while the leading-in wire comes through an opening 6 from the back of the receptacle.

I claim as my invention—

1. An electrical receptacle comprising an insulating-box having contact-plates and securing-screws for the wires carried by said plates, the box having openings for the leading-in wires coming from the back of the box and openings in the end of the box for the passage of the said securing-screws, substantially as described.

2. An electrical receptacle, comprising an insulating-box having spring-contacts with metal cross-pieces and engaging screws for the latter to clamp said contacts to the end walls of the receptacles and means for connecting the leading-in wires to the said cross-pieces, substantially as described.

3. An electrical receptacle, comprising an insulating-box, having spring-contacts, with metal cross-pieces provided with end eyes or sockets for the wires, securing-screws for the wires and screws to secure the cross-pieces and clamp the contacts to the walls of the receptacle, substantially as described.

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

CLARENCE D. PLATT.

Witnesses:

WALTER ABBE,
HUBERT HOWSON.