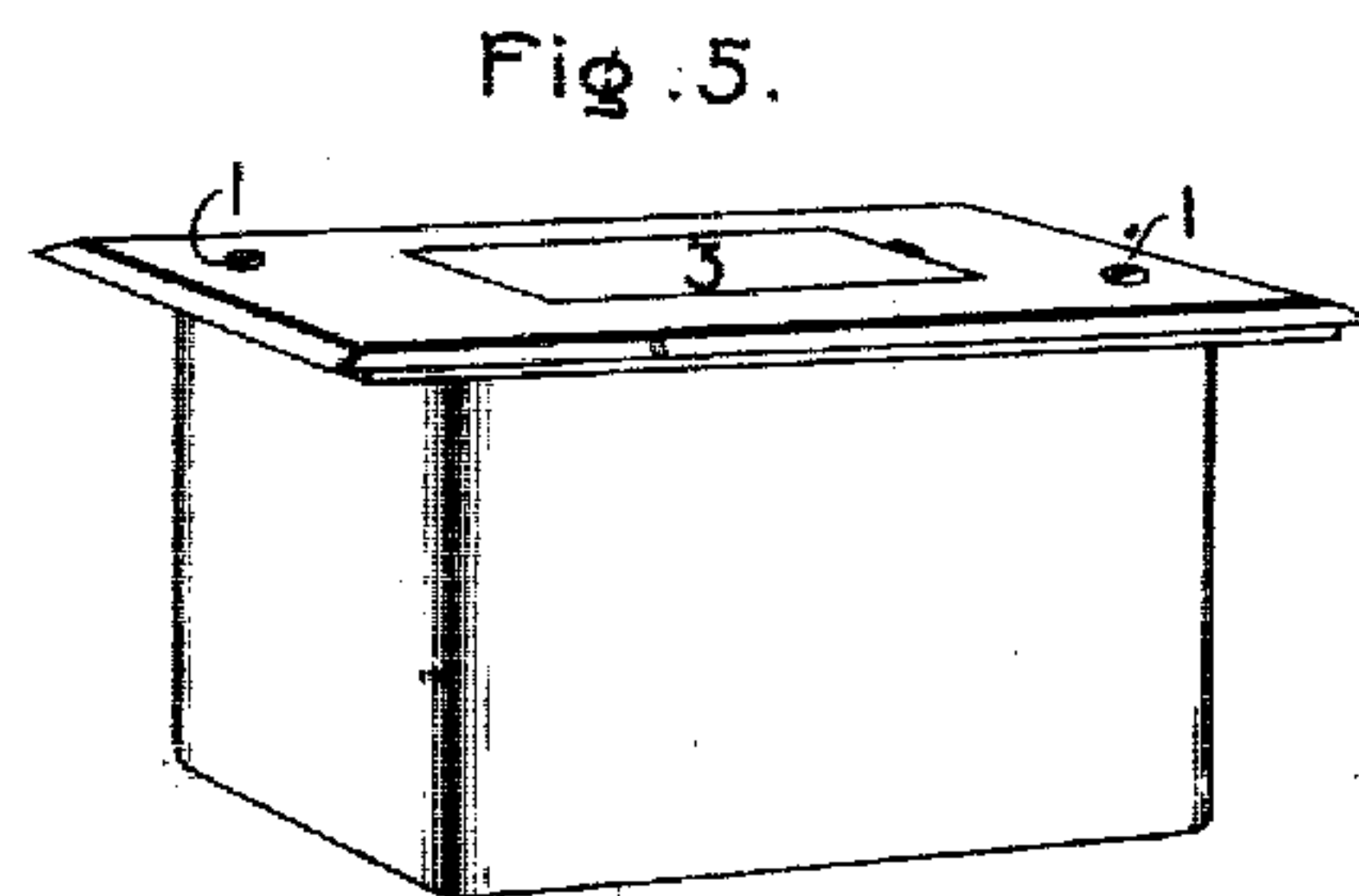
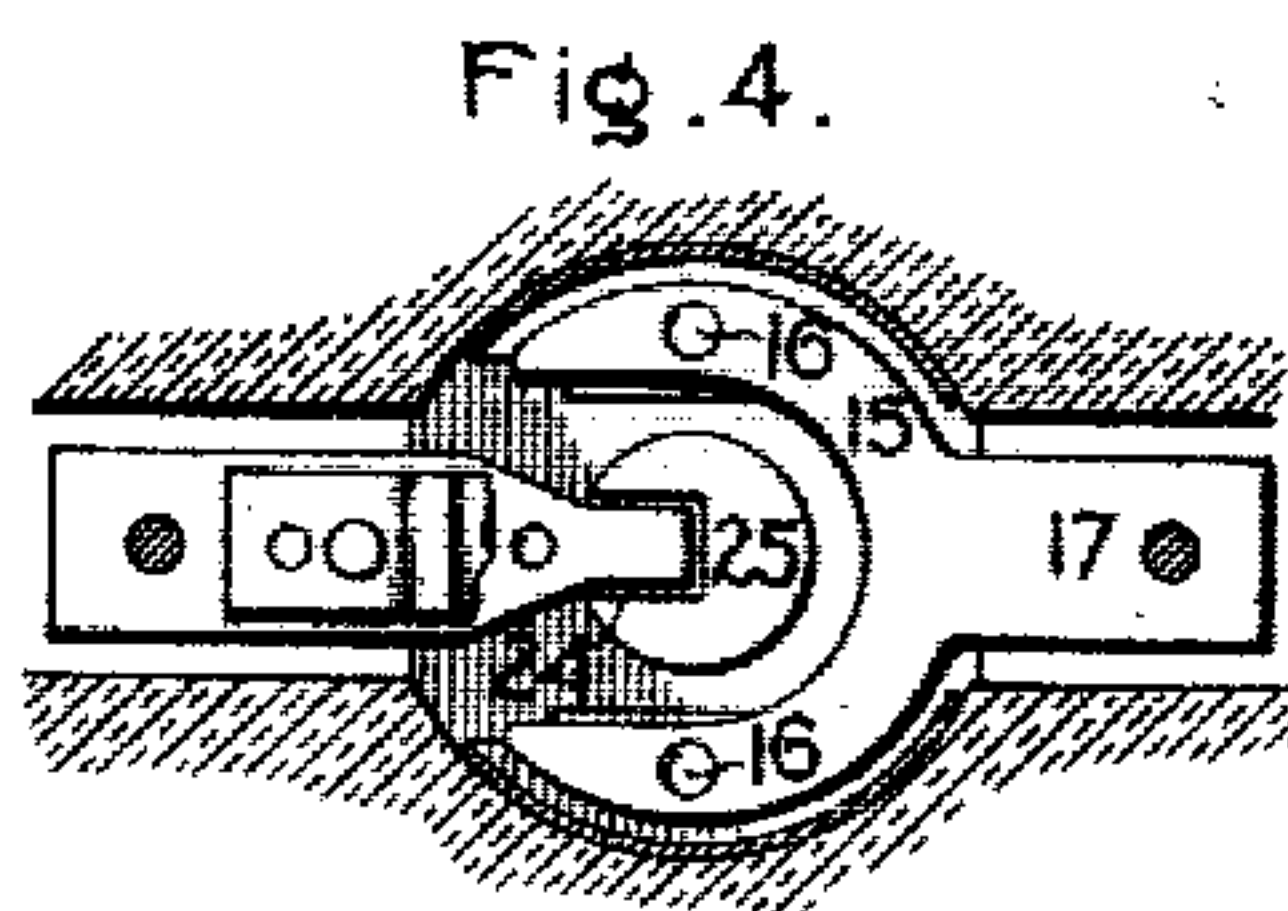
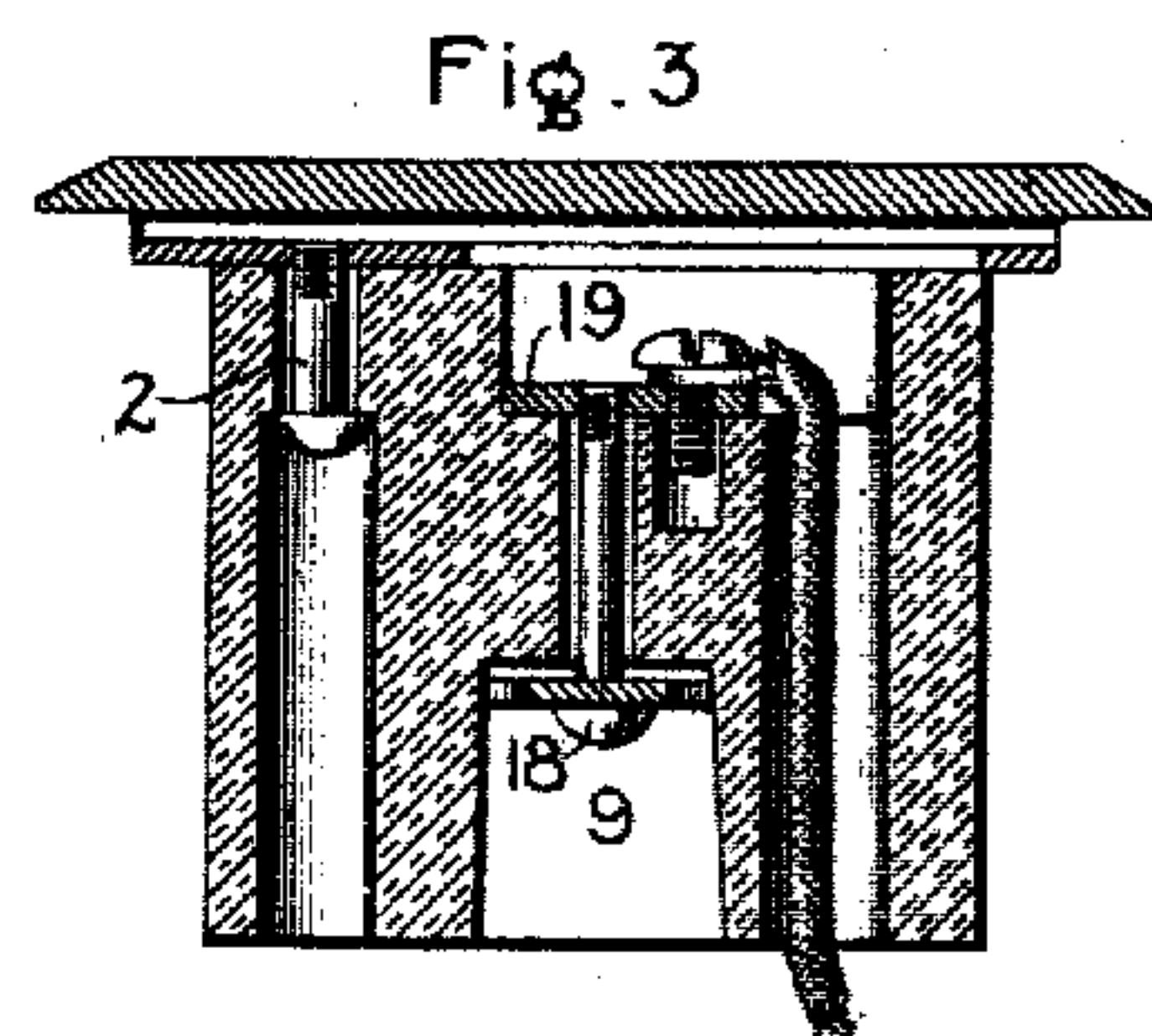
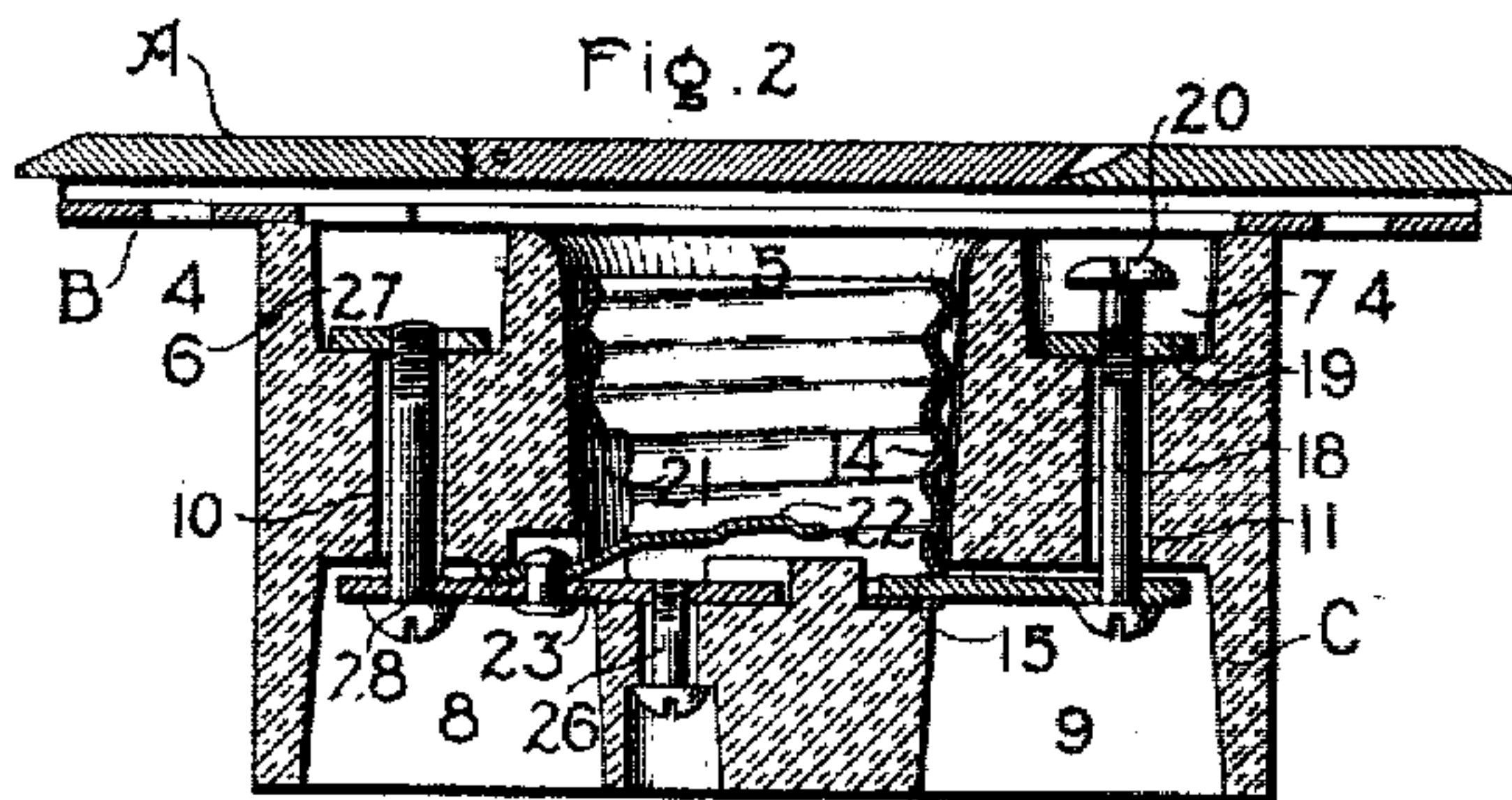
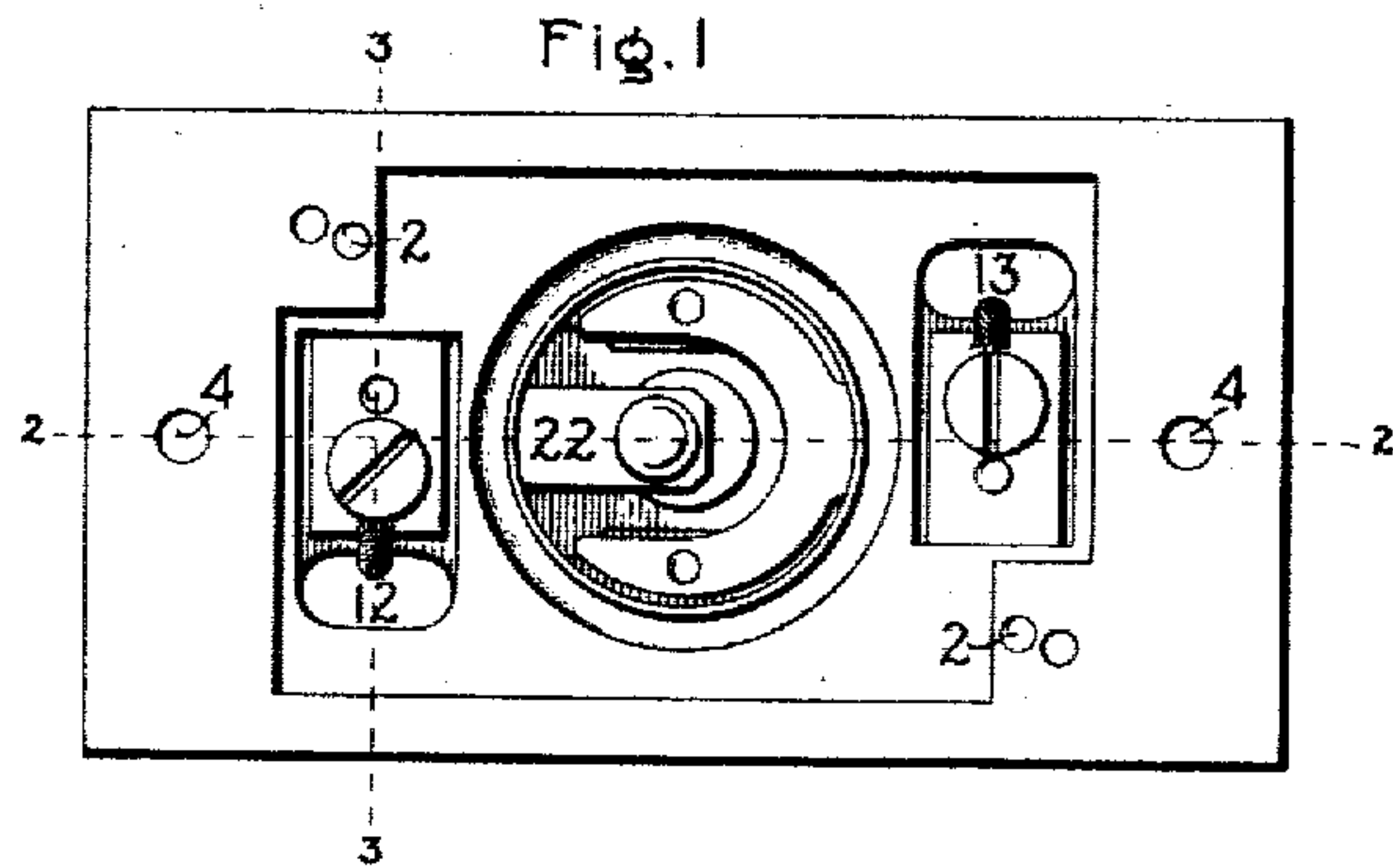


No. 811,795.

PATENTED FEB. 6, 1906.

H. R. SARGENT.
WALL RECEPTACLE.
APPLICATION FILED NOV. 19, 1902.



WITNESSES:

Harry A. Tilden.
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INVENTOR .

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UNITED STATES PATENT OFFICE.

HOWARD R. SARGENT, OF SCHENECTADY, NEW YORK, ASSIGNOR TO
GENERAL ELECTRIC COMPANY, A CORPORATION OF NEW YORK.

WALL-RECEPTACLE.

No. 811,795.

Specification of Letters Patent.

Patented Feb. 6, 1906.

Application filed November 19, 1902, Serial No. 131,984.

To all whom it may concern:

Be it known that I, HOWARD R. SARGENT, a citizen of the United States, residing at Schenectady, county of Schenectady, State of New York, have invented certain new and useful Improvements in Wall-Receptacles, of which the following is a specification.

My invention relates to wall-receptacles for electric connections, and has for its object to provide a simple and compact receptacle which may be readily connected to the wires of an electric circuit and adapted to receive either an incandescent lamp or an ordinary attaching-plug.

My invention will be more readily understood by reference to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a top plan of a receptacle, with the face-plate removed, embodying one form of my invention. Fig. 2 is a longitudinal vertical section on line 2 2 of Fig. 1. Fig. 3 is a transverse vertical section on line 3 3 of Fig. 1. Fig. 4 is a plan view of the metal connections at the bottom of the central cavity of the receptacle, with parts shown broken away; and Fig. 5 is a perspective view of the complete receptacle.

As shown in the drawings, A is the face-plate, B is the wall-plate, to which the face-plate is connected by countersunk screws 1, and C is the base, of porcelain or other suitable material, to which the wall-plate is connected by screws 2.

The face-plate A is provided in its center with a rectangular trap 3, hinged at one end to the plate and adapted to close flush therewith. The wall-plate B has its central portion cut away to expose the upper surface of the base C when the face-plate A is removed and has holes 4 drilled in its ends for the reception of the screws whereby the receptacle is secured to the wall.

The base C is prismatic and has a round central cavity 5 extending from its upper surface to about two-thirds the way through, and between the central cavity and the ends of the base are two shallow rectangular cavities 6 and 7. Two rectangular cavities 8 and 9 are provided in the lower part of the base, which extend in slightly beyond the plane of the bottom of the central cavity 5 and communicate therewith. Holes 10 and

11 extend through the base from the bottoms of the cavities 6 and 7 to the bottoms of cavities 8 and 9, and holes 12 and 13 of oblong cross-section extend from the bottom of the base to the cavities 6 and 7. A threaded sleeve-contact 14, adapted to receive an incandescent lamp or attaching-plug, is located in the central cavity 5 of the base and is secured therein by means of an integral flange which is gripped between a yoke-shaped connection 15 and the base by screws 16, extending up from the bottom of the base and engaging threaded holes in the connection 15. A tongue or projection 17 from the yoke-shaped connection extends through a hole in the side of the threaded sleeve 15 and into the cavity 9 and is connected by means of a screw 18, extending through hole 11 to a line-terminal plate 19, having a binding-screw 20 located in cavity 7. A relatively large aperture 21 is formed in the threaded sleeve-contact 14 on the side opposite to that through which the tongue 17 of the yoke-shaped connection passes for the passage therethrough of a center contact 22. The center contact 22 is of resilient metal and is secured to a metal connection 23, which extends into cavity 8. The metal connection 23 has a reduced end adapted to enter and be steadied by a recess 24, formed in a central projection 25 from the bottom of the cavity 5, and is secured in place by a screw 26, extending up from the bottom of the base and engaging a screw-threaded hole in said connection. The outer end of the connection 23 is connected to a second line-terminal plate 27 in cavity 6 by a screw 28, extending through the hole 10. The line-wires are brought up through the holes 12 and 13 and connected to the faces of the respective terminal plates 27 and 19.

My invention is capable of many changes and modifications and is in no way restricted to the particular construction shown and described.

What I claim as new, and desire to secure by Letters Patent of the United States, is—

1. A receptacle comprising a base of insulating material having a central and two end cavities in its upper side, a contact-sleeve and center contact secured in the central cavity, a binding-post secured in each of the end cavities and electrically connected to the said sleeve and center contact respectively,

and a face-plate connected to said base and provided with a central opening and a lid therefor.

2. A receptacle comprising a base of insulating material having a round central cavity in its upper face and two cavities in its lower face communicating with said central cavity, a flanged contact-sleeve in said central cavity, a yoke-shaped metal connection adapted to engage the flange of the sleeve and having an arm extending through the side of the sleeve and into one of the lower cavities, a center contact extending through an aperture in the opposite side of said sleeve and into the other lower cavity, means for securing said connection and center contact to the base, and means located in the upper face of said base for connecting the said connection and center contact to an electric circuit.

3. A receptacle comprising a base of insulating material having a central cavity and two end cavities in its upper side, holes extending from the bottom of said base into said end cavities for the passage thereof of the line-wires, binding-posts secured in said end cavities, and two metal contacts located in said central cavity adapted to cooperate with an incandescent lamp and electrically connected to the respective binding-posts.

4. A receptacle comprising an insulating base having a central and two end cavities in its upper face and two end cavities in its lower face communicating with the inner end of the central cavity, metallic contacts located in said central cavity, binding-posts located in said upper end cavities, and electrical connections between said binding-posts and said metallic contacts.

5. A plug-receptacle formed of a single

block of insulating material having a circular central socket and isolated chambers each side of the central socket, a threaded metallic shell lining the walls of the central socket, a metallic contact at the center of the bottom of the socket, a binding-post with a binding-screw in an isolated chamber each side of the central socket, a metallic connection extending through an opening in the wall between the central socket and one chamber and joining one binding-post and the threaded shell, and a metallic connection extending through an opening in the wall between the central socket and another chamber and joining the other binding-post and the central contact.

6. A plug-receptacle formed of a single block of insulating material having a circular central socket and isolated chambers each side of the central socket, a threaded metallic shell lining the walls of the central socket, a metallic contact at the center of the bottom of the socket, a binding-post with a binding-screw in an isolated chamber each side of the central socket, a metallic connection extending through an opening in the wall between the central socket and one chamber and joining one binding-post and the threaded shell, a metallic connection extending through an opening in the wall between the central socket and another chamber and joining the other binding-post and the central contact, a plate fastened to the front of the receptacle and covering the socket and the chambers, and a lid hinged to the plate.

In witness whereof I have hereunto set my hand this 17th day of November, 1902.

HOWARD R. SARGENT.

Witnesses:

BENJAMIN B. HULL,
HELEN ORFORD.