

No. 771,300.

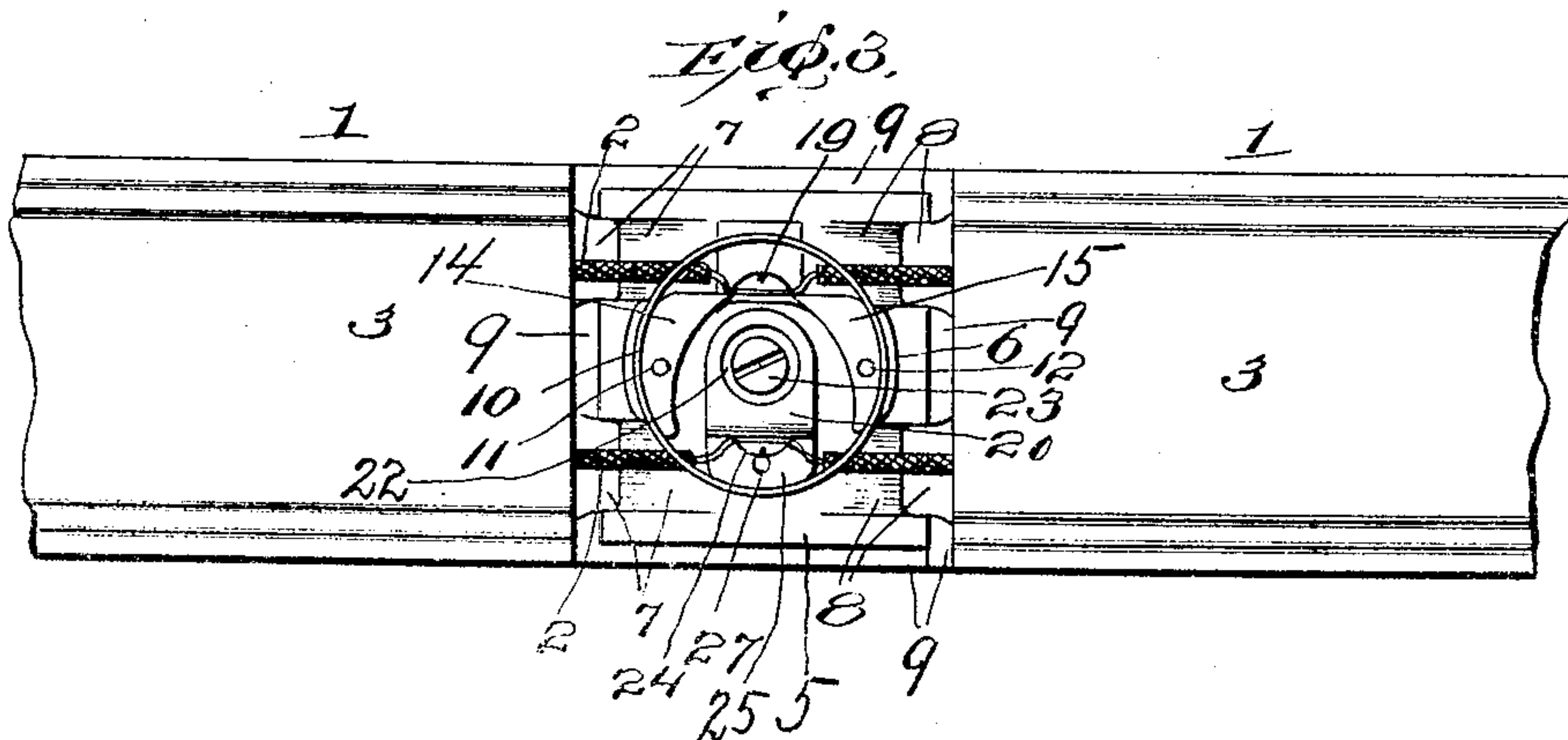
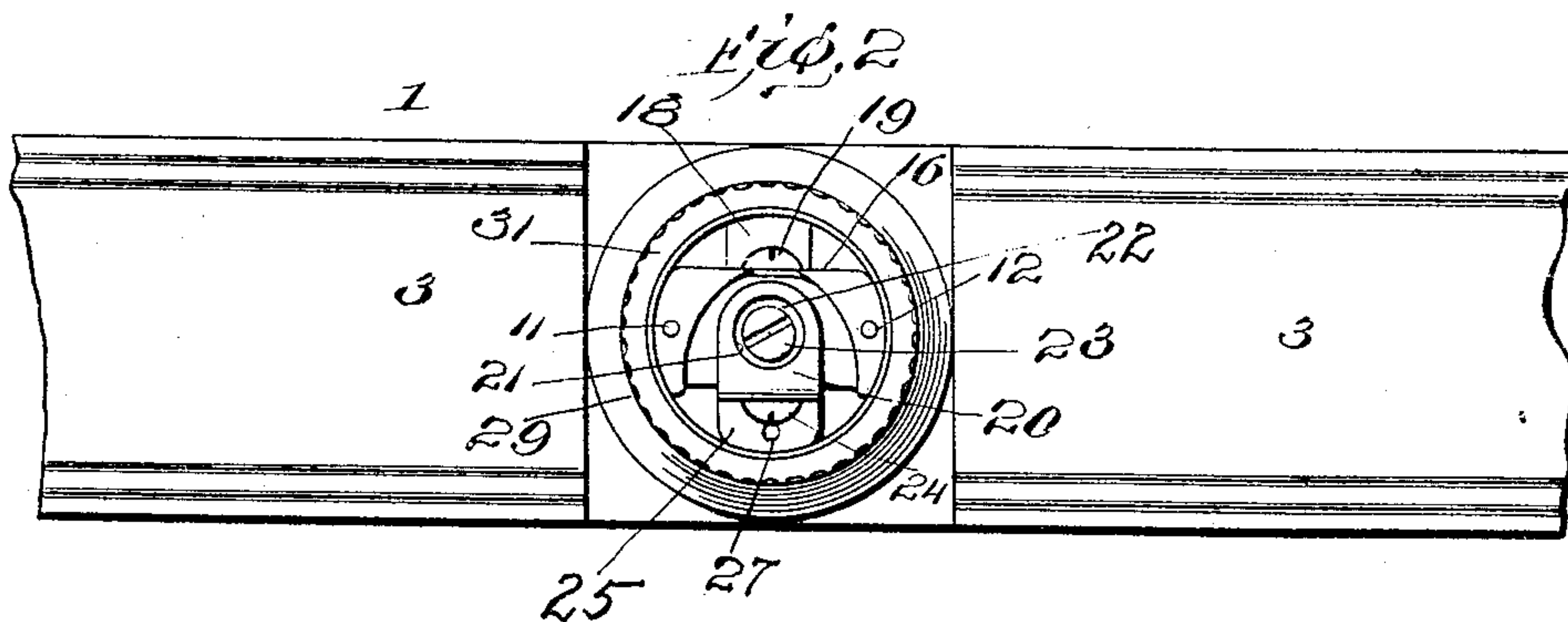
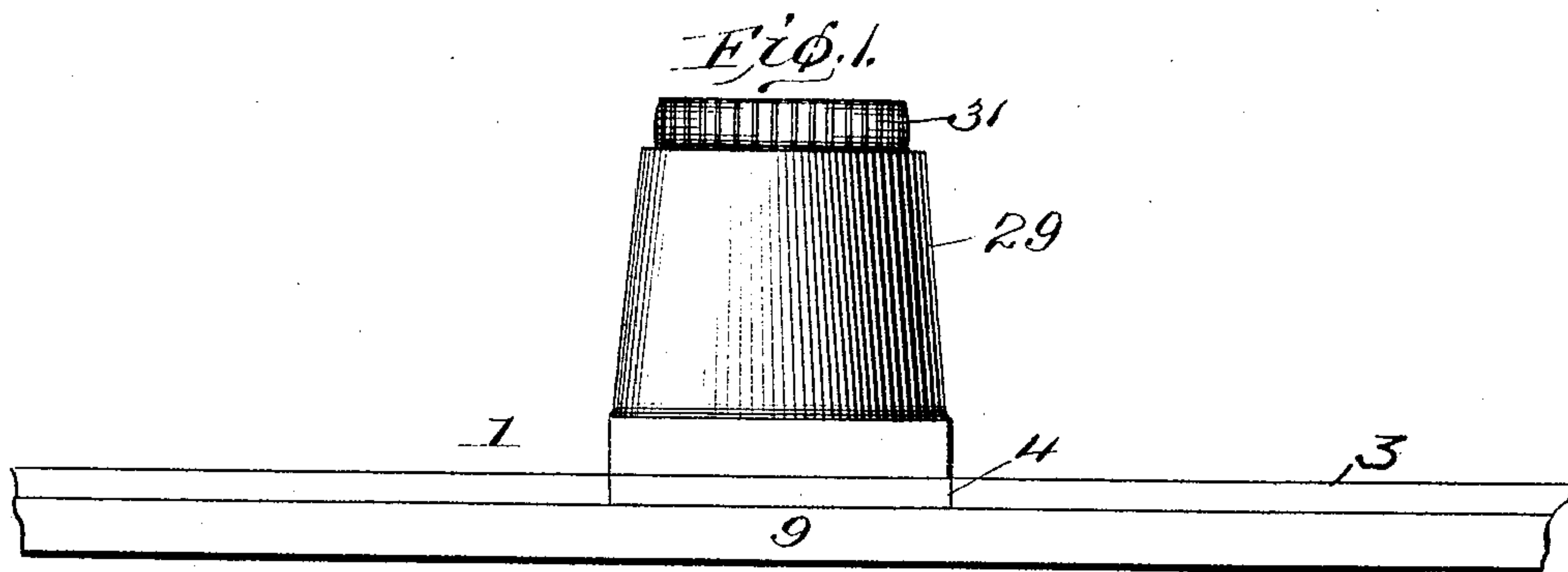
PATENTED OCT. 4, 1904.

A. E. DOSCHER.  
MOLDING RECEPTACLE.

APPLICATION FILED JUNE 8, 1903.

NO MODEL.

2 SHEETS—SHEET 1.



Witnesses

J. M. Fowler Jr.  
Charles V. Lickwood

Inventor

Arthur E. Doscher

by

Geo. W. H. Smith  
his Attorney

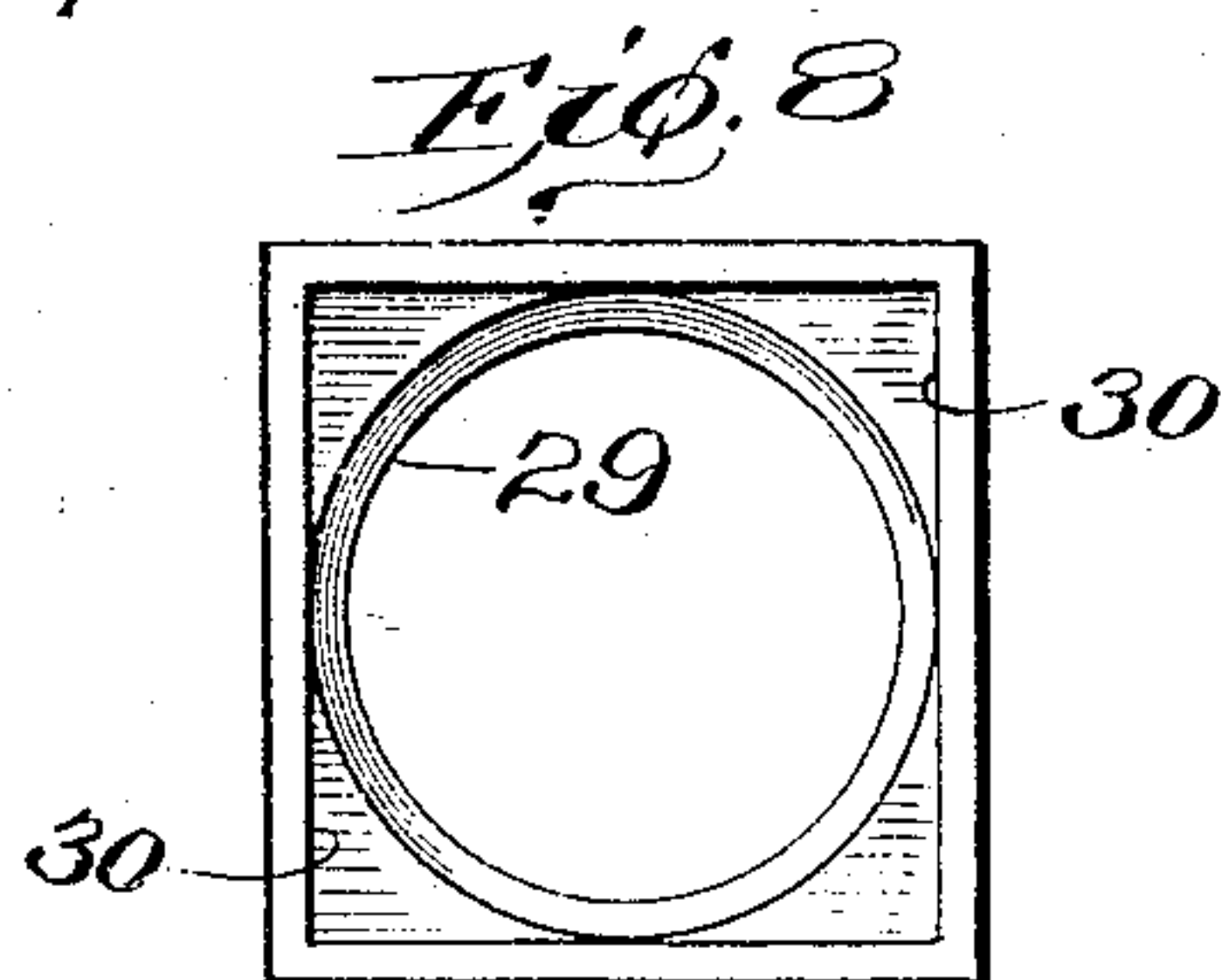
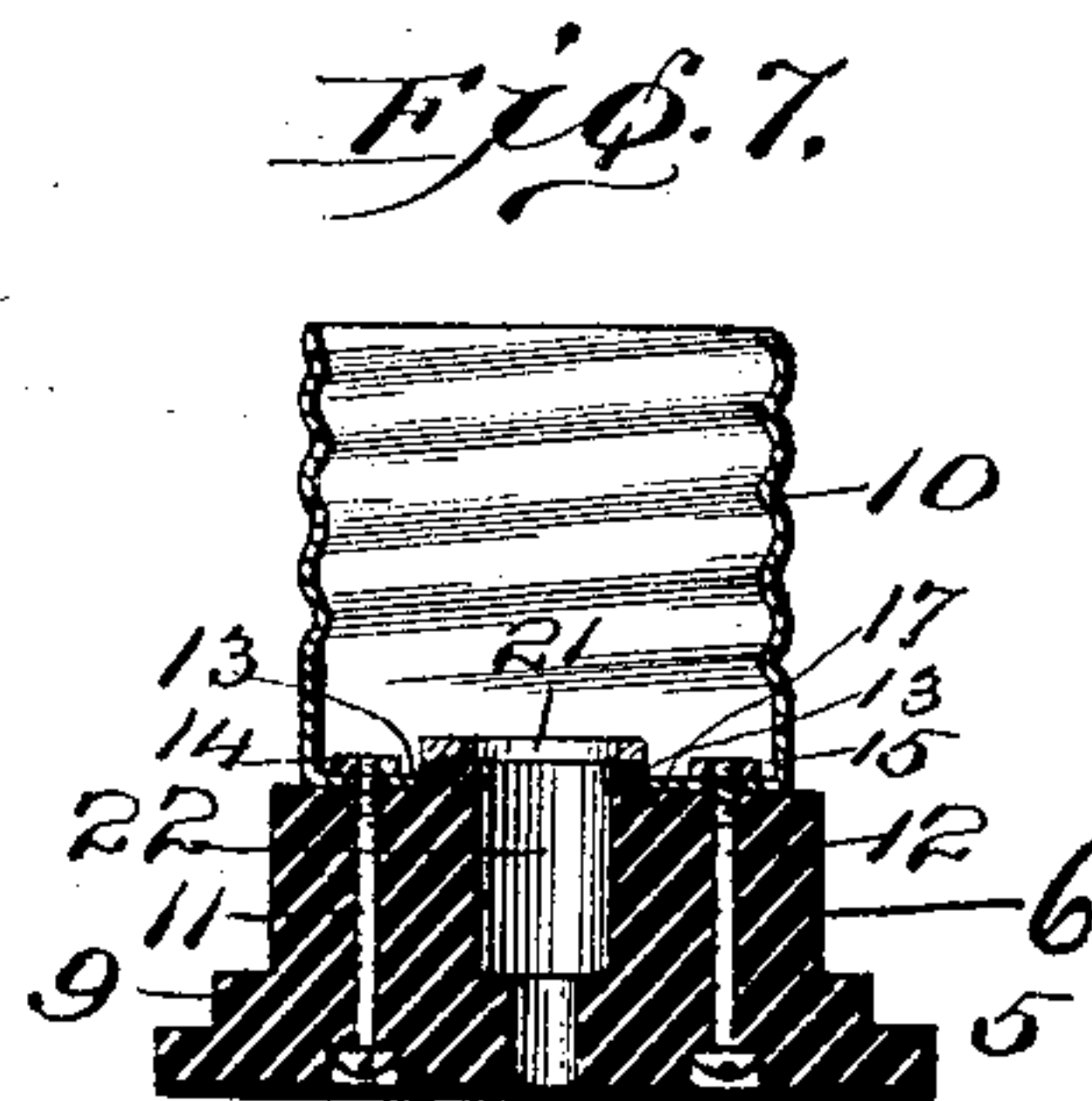
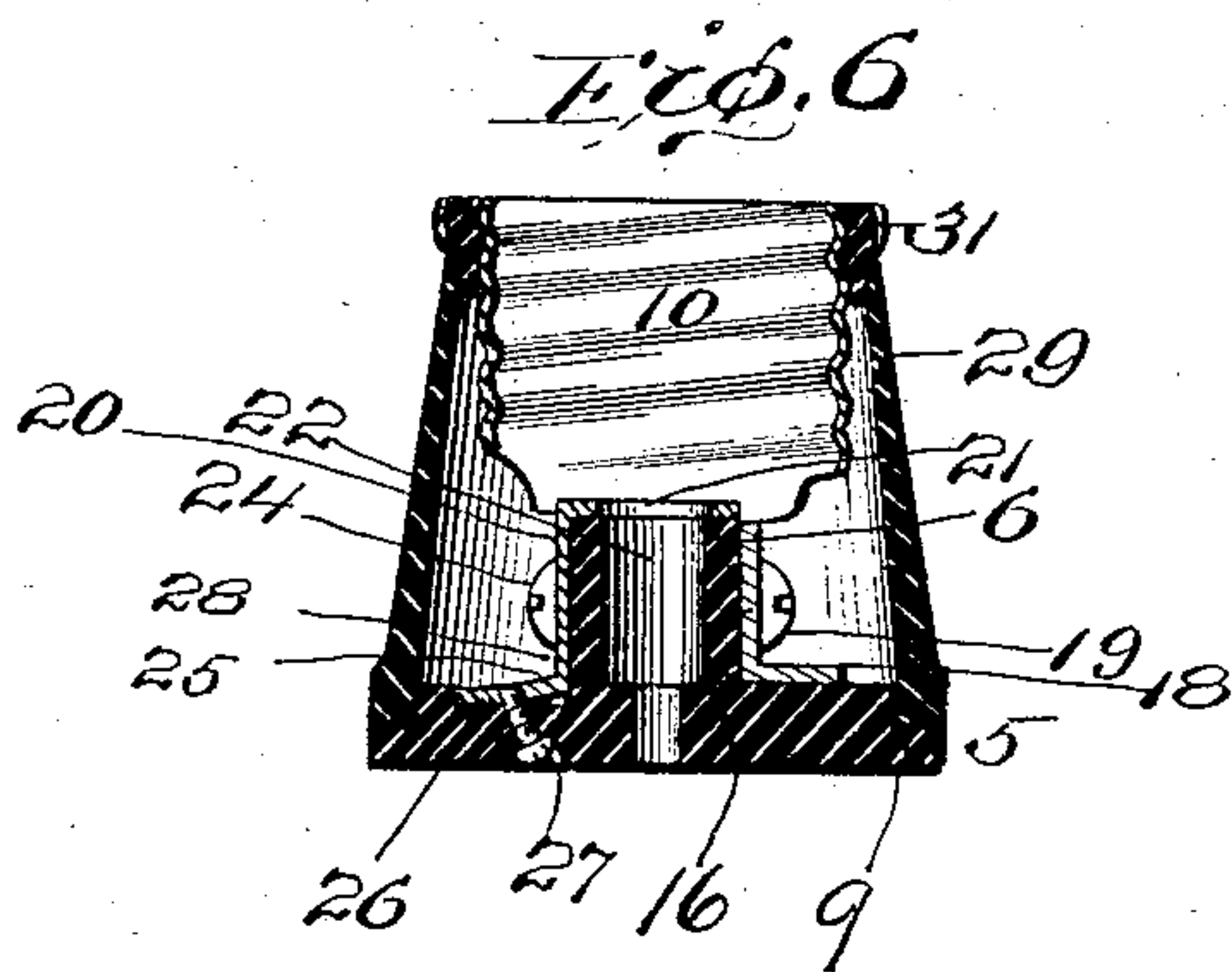
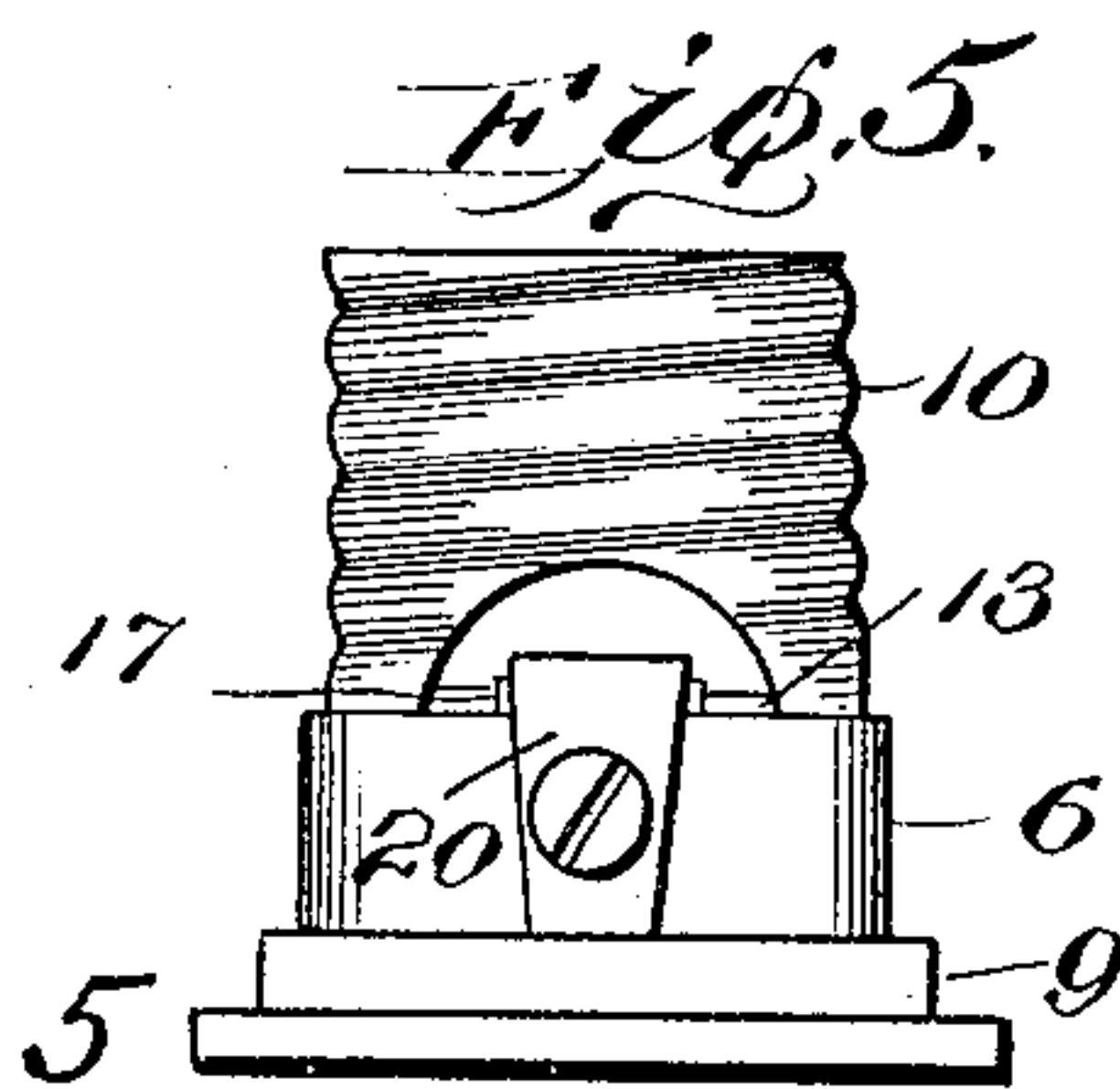
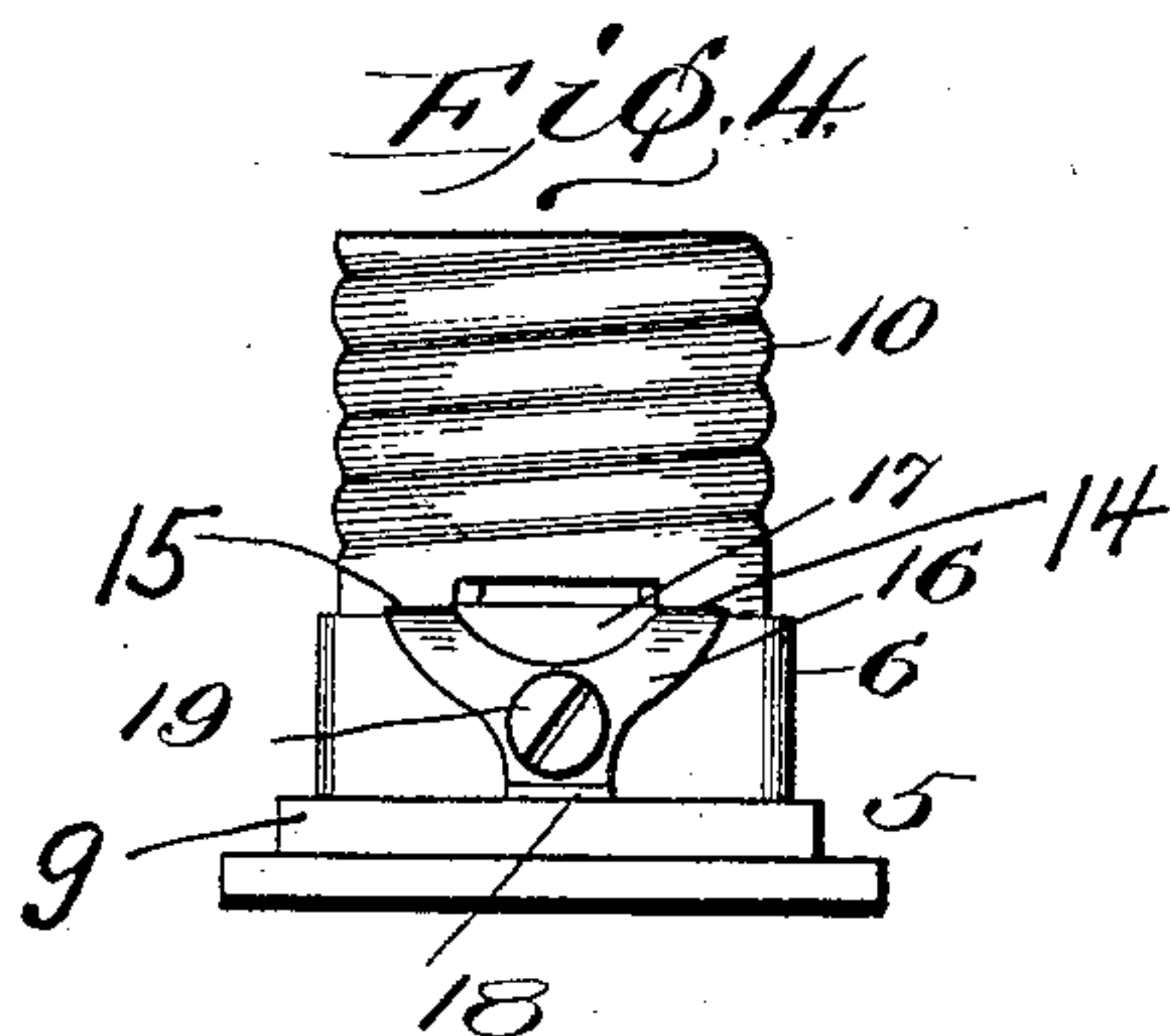
No. 771,300.

PATENTED OCT. 4, 1904.

A. E. DOSCHER.  
MOLDING RECEPTACLE.  
APPLICATION FILED JUNE 8, 1903.

NO MODEL.

2 SHEETS—SHEET 2.



Witnesses  
J. M. Fowler Jr.  
Charles V. Lockwood

334

Inventor  
Arthur E. Doscher

Geo. W. Hawley  
his Attorney



# UNITED STATES PATENT OFFICE.

ARTHUR E. DOSCHER, OF JAMAICA, NEW YORK.

## MOLDING-RECEPTACLE.

SPECIFICATION forming part of Letters Patent No. 771,300, dated October 4, 1904.

Application filed June 8, 1903. Serial No. 160,582. (No model.)

*To all whom it may concern:*

Be it known that I, ARTHUR E. DOSCHER, a citizen of the United States, residing at Jamaica, county of Queens, and State of New York, have invented certain new and useful Improvements in Molding-Receptacles, of which the following is a specification.

This invention relates to molding-receptacles.

The invention has particular reference to that class of devices known to the electrical trade as "molding-receptacles" which are adapted to be attached to incandescent-electric-light wires on moldings and used as sockets for incandescent lights, attachment-plugs, &c.

The object of my invention is to provide a molding-receptacle of simple and compact construction, few parts, and neat appearance whose base part and receptacle proper can be directly attached to the molding and wired before the cap or shell is placed in position; and to accomplish this end I propose to provide a base of novel form having the metallic shell or socket into which the lamp or attachment-plug screws fastened thereon, together with the terminals, in an improved and novel manner, whereby great security of the parts is had with the use of a minimum number of fastening-screws.

Another object is to obviate cutting or grooving of the cap or outer protecting insulating-shell of the receptacle and to obviate the necessity for fastening the outer protecting-shell to the molding. To accomplish this object, I provide a protecting insulating-shell arranged on the base in an improved manner and held thereon by an insulating-ring on the metal socket or shell.

Other objects are generally the provision of improved terminals for securely holding the wires, fastening the entire receptacle by a single screw through the base, and guarding the terminals and wires attached thereto, so that contact of exposed portions of the wires with the molding is prevented.

The invention embodies improved and novel features set forth in detail hereinafter and recited in the appended claims.

In the accompanying drawings, Figure 1 is an exterior view of the complete molding-re-

ceptacle in position on a molding; Fig. 2, a plan view showing the receptacle complete on a molding; Fig. 3, a view similar to Fig. 2, but with the insulating-cap removed; Figs. 4 and 5, opposite side elevations of the base and parts thereon; Fig. 6, a vertical section through the complete receptacle; Fig. 7, a section taken at right angles to Fig. 6 with the outer insulating-cap removed, and Fig. 8 a bottom view of the outer insulating-cap.

The ordinary incandescent-electric-light-wire molding on which the receptacle is adapted to be used is shown at 1, in the grooves of which lie the wires 2. When it is desired to apply the receptacle to the molding, a section of the cover-strip 3 of the latter is suitably cut away at 4. The base of the receptacle is shown at 5 and is of insulating material, preferably porcelain. This base has a central elongated pedestal 6 and notches 7 and 8, leading in from opposite edges thereof on opposite sides of the pedestal 6, the notches 7 and 8 on one side of the pedestal being in alignment and the notches 7 and 8 on the other side of the pedestal being in line, thus, in effect, providing two grooves on opposite sides of the pedestal 6, which are so disposed that they will aline with the grooves in the molding. The base is substantially square, and it is rabbeted or grooved at 9 on all sides. The threaded metal shell 10, which receives the incandescent lamp or attachment-plug, is secured to the top of the pedestal 6 by two screws 11 and 12, leading up through the base and pedestal and the lips 13 of the shell, and these screws also secure the portions 14 and 15 of the terminal 16, said portions 14 and 15 straddling the central raised part 17 of the pedestal. The terminal 16 extends down the side of the pedestal 6 and terminates in the laterally-extending end 18. The screw for fastening the wire to this terminal is shown at 19, the space between the periphery of the head of this screw and the lateral extension 18 being sufficient to permit the easy introduction of the wire under the head of the screw. The other terminal, 20, rests on the raised part 17 and has the central screw-opening 21, alining with the screw-hole 22, extending through the pedestal and base. A single screw 23 is



used to fasten the base to the molding. The terminal 20 extends down the opposite side of the pedestal from the terminal 16 and has the binding-screw 24. The terminal at this side of the pedestal at its lower portion is extended in an inclined manner at 25 and received in a depression 26 in the base and held therein by an inclined screw 27. The inclination of the screw 27 causes the inclined lip 25 to be drawn into the notch 26, which throws the body of the terminal against the side of the pedestal and holds the terminal securely in position. The bend to form the lip or extension 25 is sufficiently below the binding-screw to provide a space 28 of sufficient width to permit the easy introduction of the wire under the said binding-screw.

It will be seen that the terminals and shell are all carried by the base, and the base itself is adapted to be secured to the molding by a single screw. The receptacle can therefore be fastened to the molding and wired easily and rapidly and when once in position is ready for use, the base being interposed between the points of connection to the wires and the molding, so that the molding cannot by any possibility catch fire, and the lateral lips on the terminals insure contact even should the wires become partially detached from the binding-screws.

An insulating cap or shell 29 has its tubular or circular body inclosing the metal shell and terminals and has a square base, which is cut out at 30, so that it will fit in the rabbet 9. The cap is held in position by an insulating-ring 31, which screws onto the metallic shell or socket. At any time when it is desired to inspect the terminals or wires it is only necessary to unscrew the insulating-ring and remove the cap or shell, and the removal of the fastening-screws, as necessary with other receptacles, is entirely obviated.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A molding-receptacle comprising a base having its opposite outer edges grooved or notched, means for connecting the base directly to the molding, terminals on top of the base for connection to the wires, the aforesaid notches being disposed and adapted to receive the looped-up portions of the wires passing over the base to be connected to the terminals, an inclosing cap or shell resting on the base, and independent or separate means for detachably connecting the inclosing cap or shell on the base.

2. A molding-receptacle comprising a base having its opposite outer edges grooved or notched, means for connecting the base directly to the molding, terminals on top of the base for connection to the wires, the aforesaid notches being disposed and adapted to receive the looped-up portions of the wires passing over the base to be connected to the

terminals, a socket or shell secured on the base to receive the lamp or attachment-plug, a cap inclosing said socket or shell, and a ring attached to the socket or shell and engaging with the cap and detachably holding said cap on the base.

3. A molding-receptacle comprising a base having its opposite outer edges grooved or notched, means for connecting the base directly to the molding, and terminals on top of the base for connection to the wires, the aforesaid notches being disposed and adapted to receive the looped-up portions of the wires passing over the base to be connected to the terminals.

4. A molding-receptacle comprising a base having its opposite outer edges grooved or notched, means for connecting the base directly to the molding, terminals on top of the base for connection to the wires, the aforesaid notches being disposed and adapted to receive the looped-up portions of the wires passing over the base to be connected to the terminals, and an inclosing cap or shell secured on the base.

5. A molding-receptacle comprising a base having portions adapted to extend over the grooves of the molding and provided with notches in its outer opposite edges to receive the looped-up portions of the wires passing over the base, said base having a rabbeted edge, terminals on the base for connection to the wires, an inclosing cap or shell having its lower edge fitted into the rabbeted portion of the base, and means for directly connecting the base to the molding.

6. A molding-receptacle comprising a base having a rabbeted edge and notches extending inwardly from its outer opposite edges, said notches being adapted to receive the looped-up portions of the wires passing over the base, terminals on top of the base for engagement with the wires, a threaded metal shell or socket to receive the lamp or attachment-plug, a cap having a recessed or cut-out bottom fitting into the rabbeted edge of the base, and a screw-threaded ring engaged with the metal socket and also engaged with the cap and holding it in the rabbeted edge and on the base.

7. A molding-receptacle comprising a base having a pedestal, a shell or socket on the pedestal, a terminal connected to the shell or socket, another terminal having a portion located against the side of the pedestal and provided with a lower lateral extension, and a fastening inclined in relation to the general extent of the terminal and securing the extension to the base, said fastening tending to hold the terminal against the pedestal.

8. A molding-receptacle comprising a base having a pedestal, a shell or socket on the pedestal, a terminal connected to the shell or socket, another terminal having a portion located against the side of the pedestal and pro-



vided with a lower lateral extension, and a fastening extending at an angle or inclination to the lateral extension and securing it to the base and having a tendency to hold the terminal against the pedestal.

5 9. A molding-receptacle comprising a base having a pedestal, a shell or socket on the pedestal, a terminal connected to the shell or socket, another terminal having a portion located against the side of the pedestal and provided with a lower lateral extension, said base having a depression or notch extending below its upper face which receives the extension, and a fastening securing the lower extension in the notch or depression and to the base.

15 10. The herein-described molding-receptacle comprising a base having rabbeted edges and provided with a central pedestal and having pairs of notches on opposite sides of said pedestal, said notches leading inwardly from the edges of the base and being adapted to receive the looped-up portions of the wires, a metal shell or socket secured on the pedestal,

a terminal connected to said shell and leading down one side of the pedestal and provided with a lateral extension and with a binding-screw above said extension, another terminal having an open portion located centrally of the socket and provided with a part leading down the opposite side of the pedestal and terminating in a lateral extension, a binding-screw for said terminal, a fastening securing the lateral extension of the terminal last named, said base having a screw-hole opening extending through the pedestal in alinement with the opening in the pedestal last named, a cap having its lower portion fitted into the rabbet of the base, and a ring engaged with the shell or socket and adapted to hold the cap in position.

In testimony whereof I hereunto affix my signature in presence of two witnesses.

ARTHUR E. DOSCHER.

Witnesses:

WATTS T. ESTABROOK,  
SARAH V. LOCKWOOD.