

No. 844,044.

PATENTED FEB. 12, 1907.

J. G. PETERSON.  
ATTACHMENT PLUG.  
APPLICATION FILED JAN. 7, 1907.

Fig. 1.

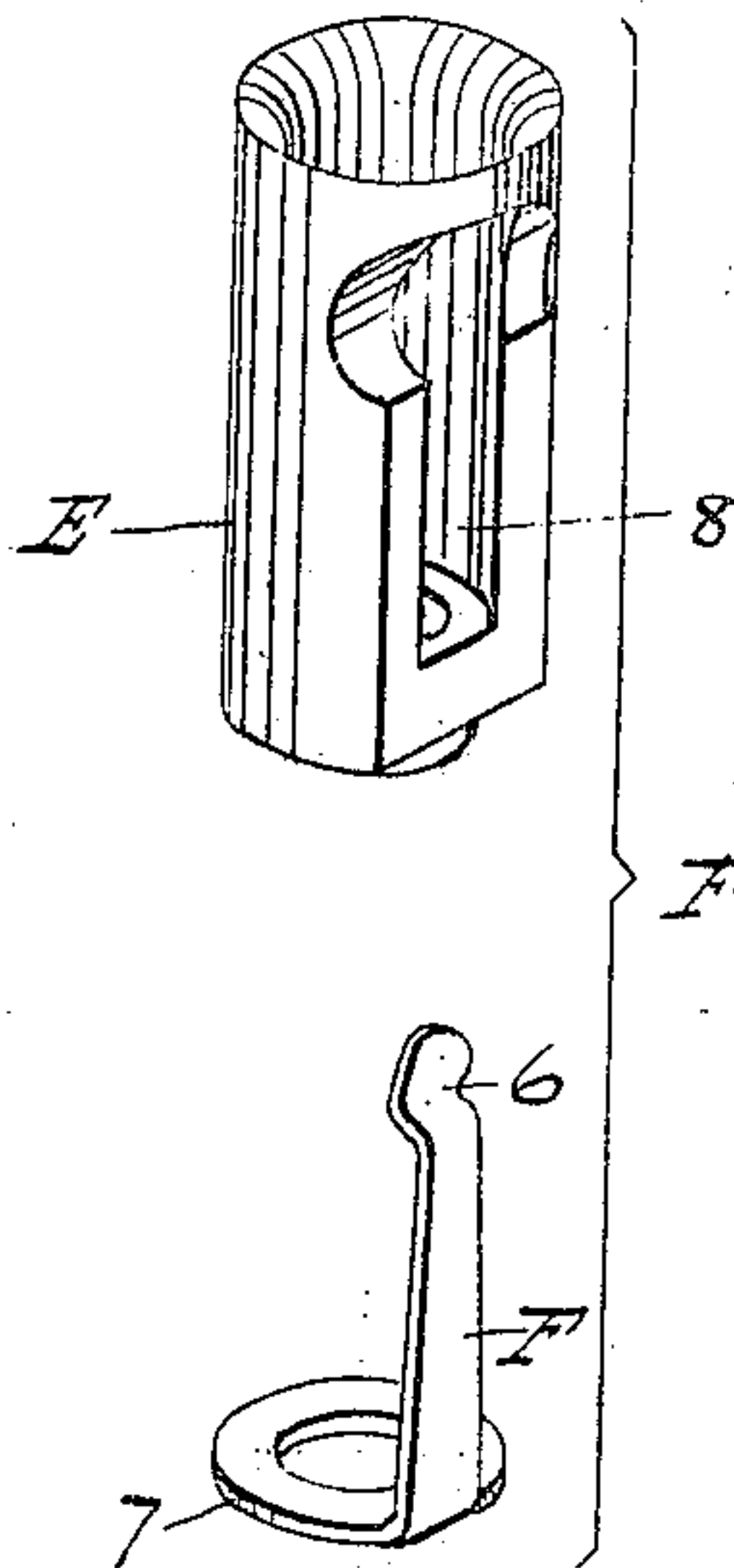
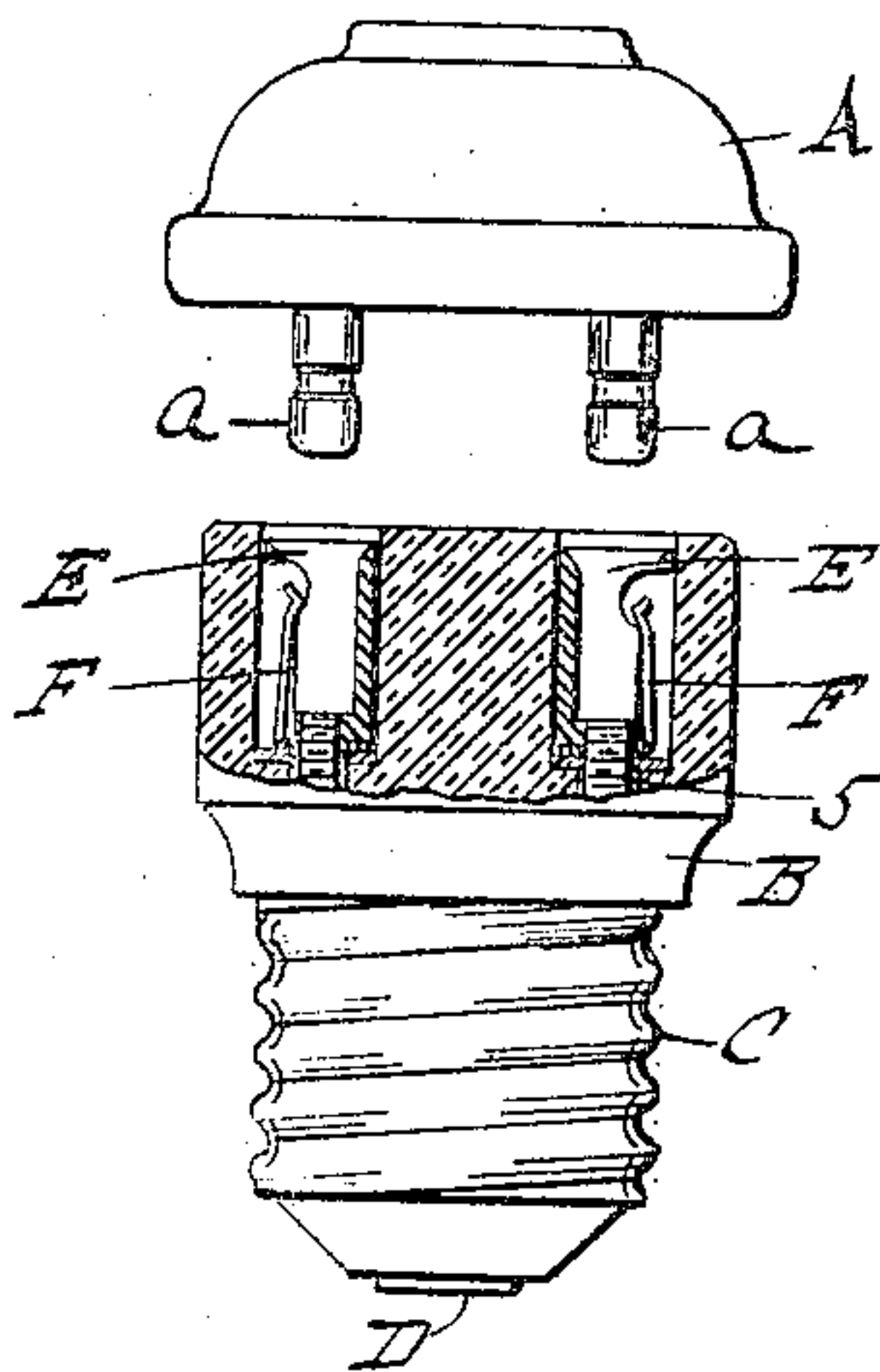


Fig. 2.

Fig. 3.

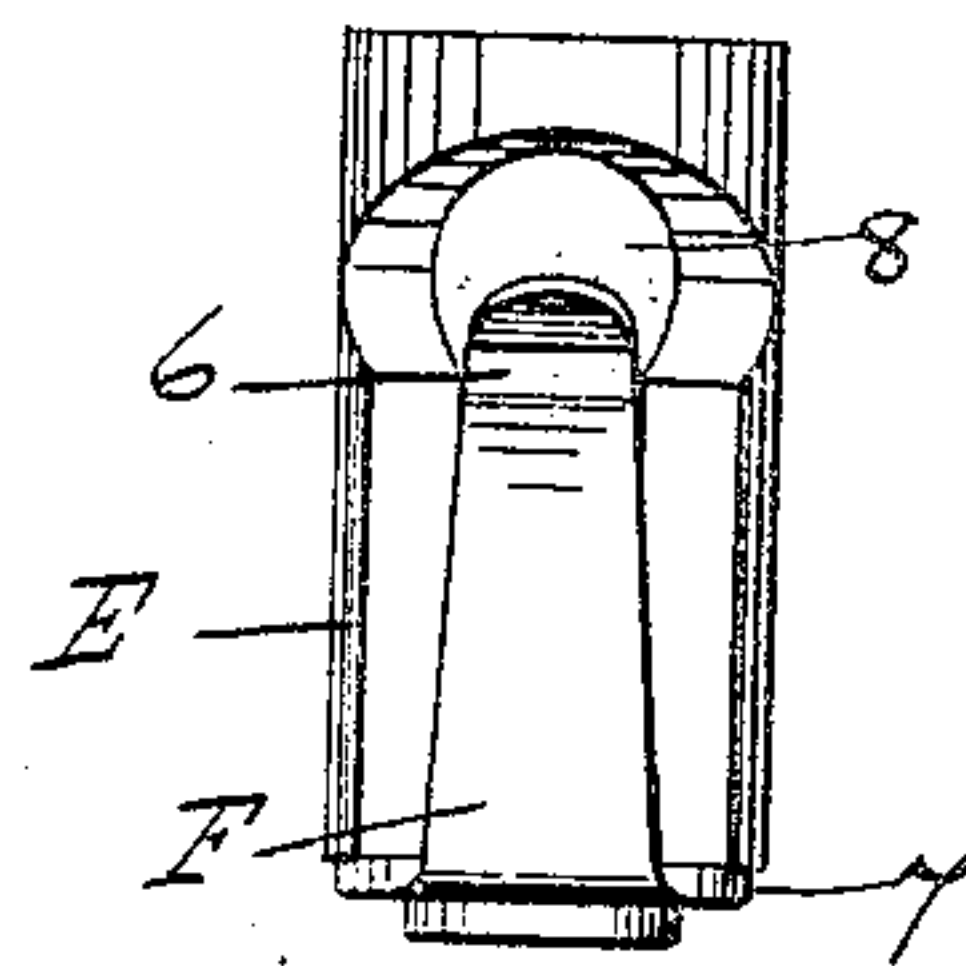
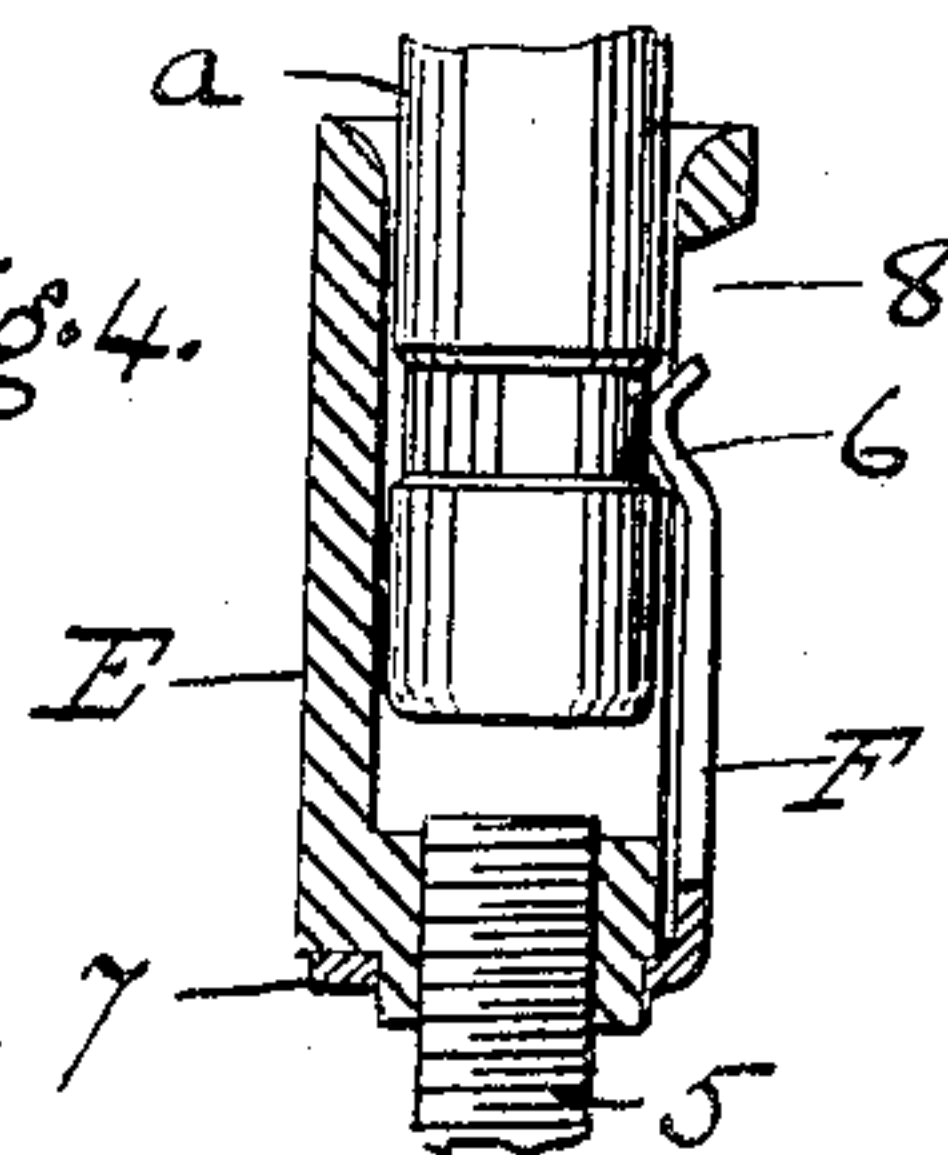


Fig. 4.



WITNESSES

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# UNITED STATES PATENT OFFICE.

JOHANN GODFREY PETERSON, OF BRIDGEPORT, CONNECTICUT, ASSIGNOR  
TO THE PERKINS ELECTRIC SWITCH MANUFACTURING COMPANY, OF  
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## ATTACHMENT-PLUG.

No. 844,044.

Specification of Letters Patent.

Patented Feb. 12, 1907.

Application filed January 7, 1907. Serial No. 351,194.

*To all whom it may concern:*

Be it known that I, JOHANN GODFREY PETERSON, a citizen of the United States of America, residing in the city of Bridgeport, in the county of Fairfield and State of Connecticut, have invented certain new and useful Improvements in Attachment-Plugs, of which the following is a specification.

The object of my invention is to provide electrical attachment-plugs and the like with simple but efficient means whereby the two parts thereof may be connected together electrically and mechanically.

In the accompanying drawings, Figure 1 is a side view, partly in section, of an attachment-plug embodying my invention. Fig. 2 shows in perspective view, on a larger scale, the two parts of my improved construction of contact detached. Fig. 3 is a side view of the two parts fitted together. Fig. 4 is a vertical section.

A is the insulating-cap, and B is the insulating body part of the attachment-plug. On this body part are the usual terminals of the plug, shown in this instance as comprising a screw-shell C for the ring-terminal and a suitable central terminal contact D. One of these terminals is connected electrically to one contact-socket E and the other to the other contact-socket E, each within a chamber in the face of the insulating-body of the plug.

Each socket E consists of a vertical cylinder

of metal open at the top and threaded at the bottom to receive the securing-screw 5. Each socket is cut away on one side to form a lateral opening 8 for the reception of the upper bent end 6 of a spring F. This spring is provided at its lower end with a ring 7, which fits over a projection on the lower end of the socket E, so that when the latter is secured in its chamber in the face of the plug by the securing-screw 5 the spring F will be secured in place.

The cap A is provided with a pair of terminal pins *a a*, circumferentially grooved for engagement with the bent free ends of the springs F, Fig. 4, when the cap is fitted to the plug.

I claim as my invention—

The combination of an insulating-body carrying a terminal pin with a separate insulating-body having a chamber containing a metallic socket cut away on one side, and a spring-plate having a free end to engage the terminal pin, and at its other end a ring to go under and be clamped by the socket and a securing-screw passing through said ring into the bottom of the socket.

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

JOHANN GODFREY PETERSON.

Witnesses:

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