

L. H. MOULTHROP.  
 SOCKET SPINDLE.  
 APPLICATION FILED OCT. 11, 1909.

946,390.

Patented Jan. 11, 1910.

Fig. 1.

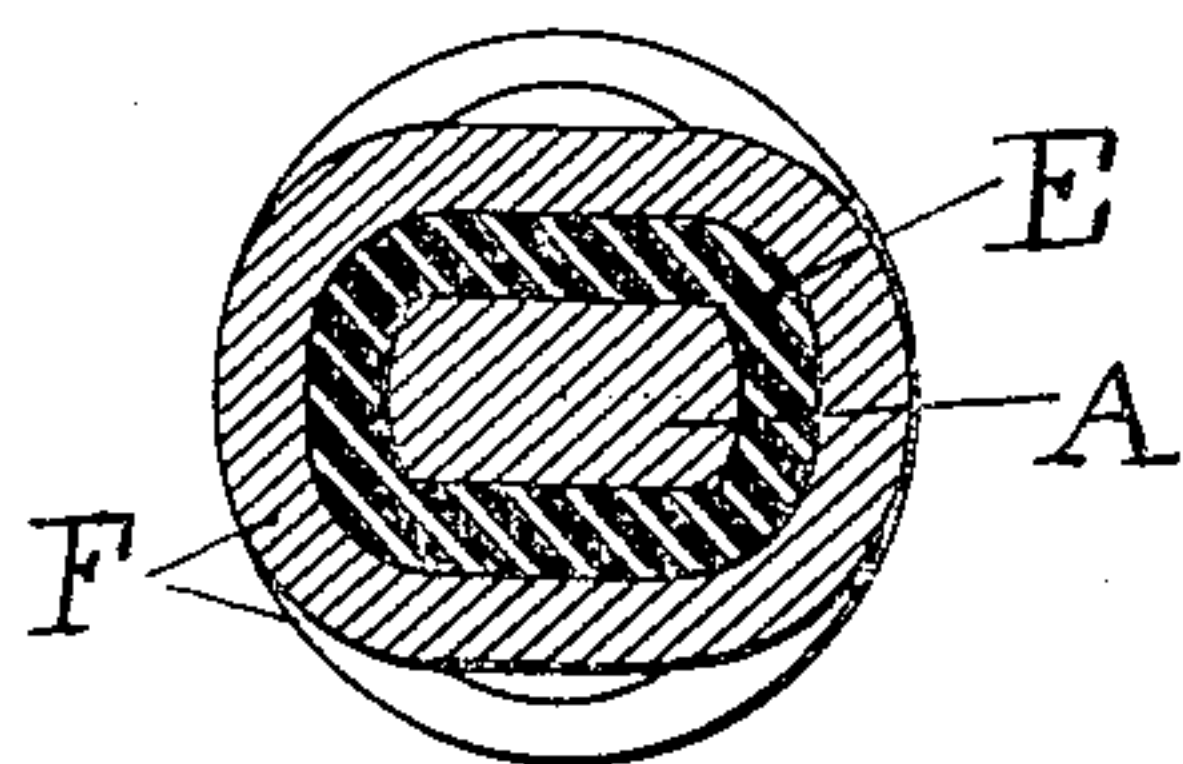


Fig. 2.

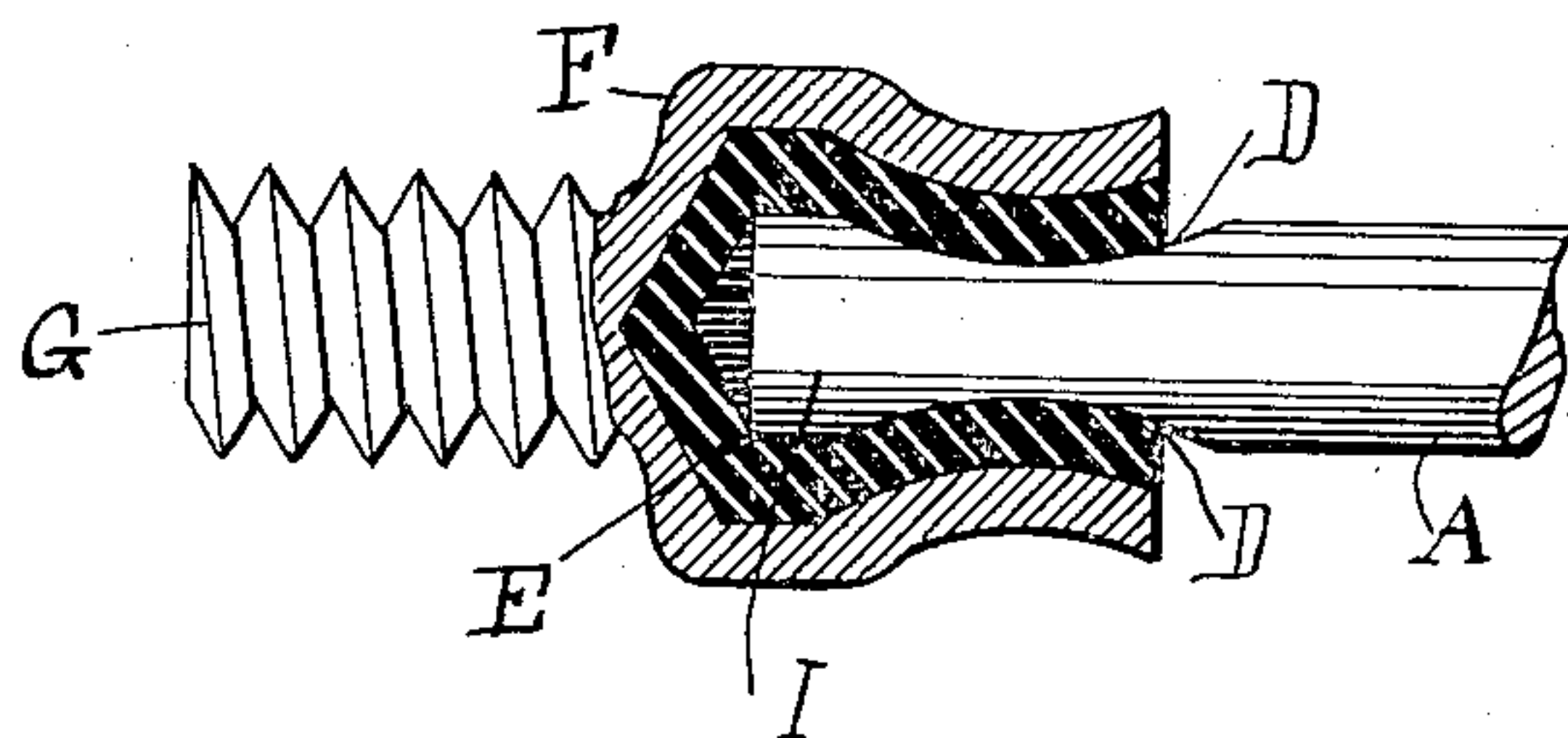


Fig. 3.

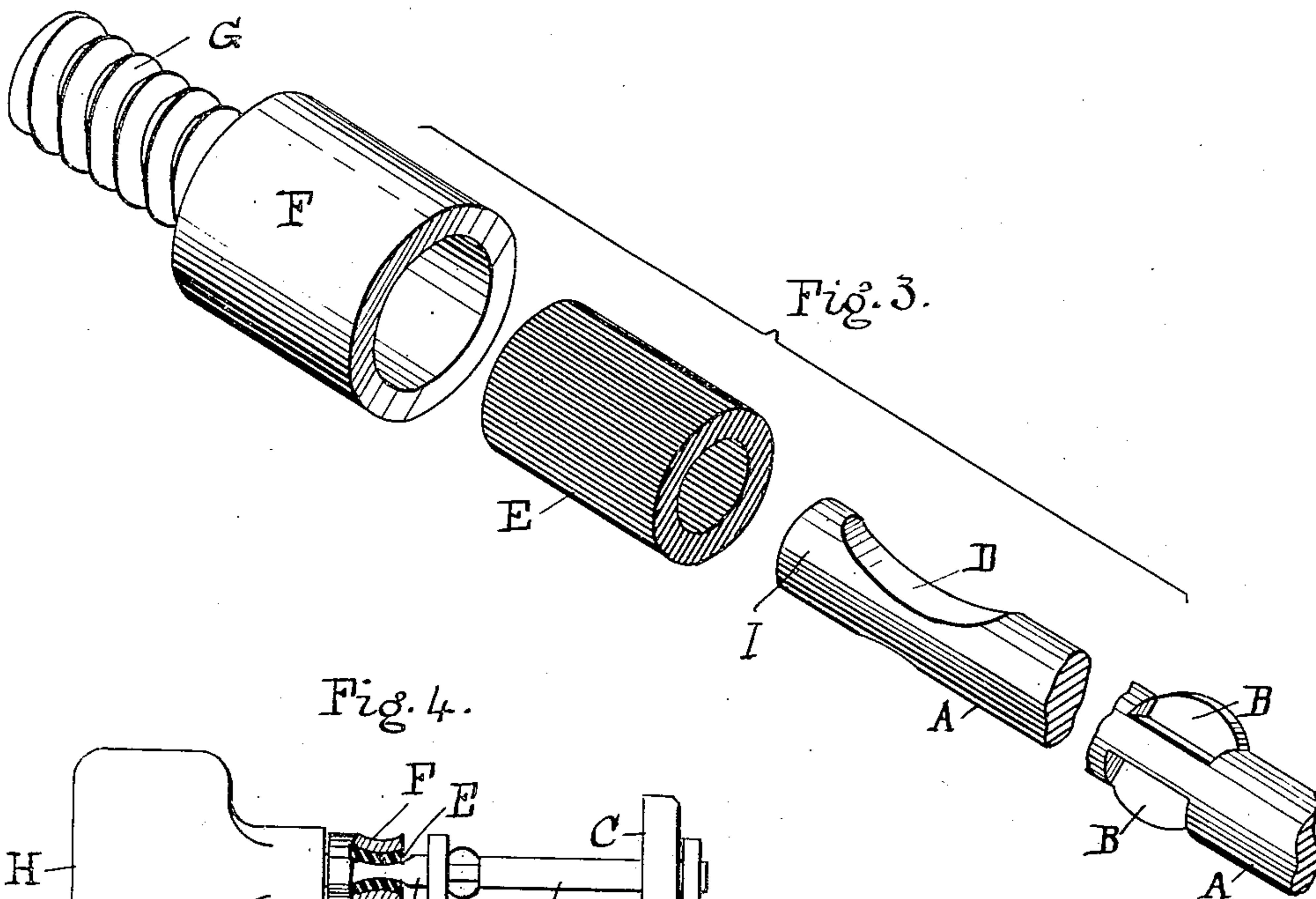
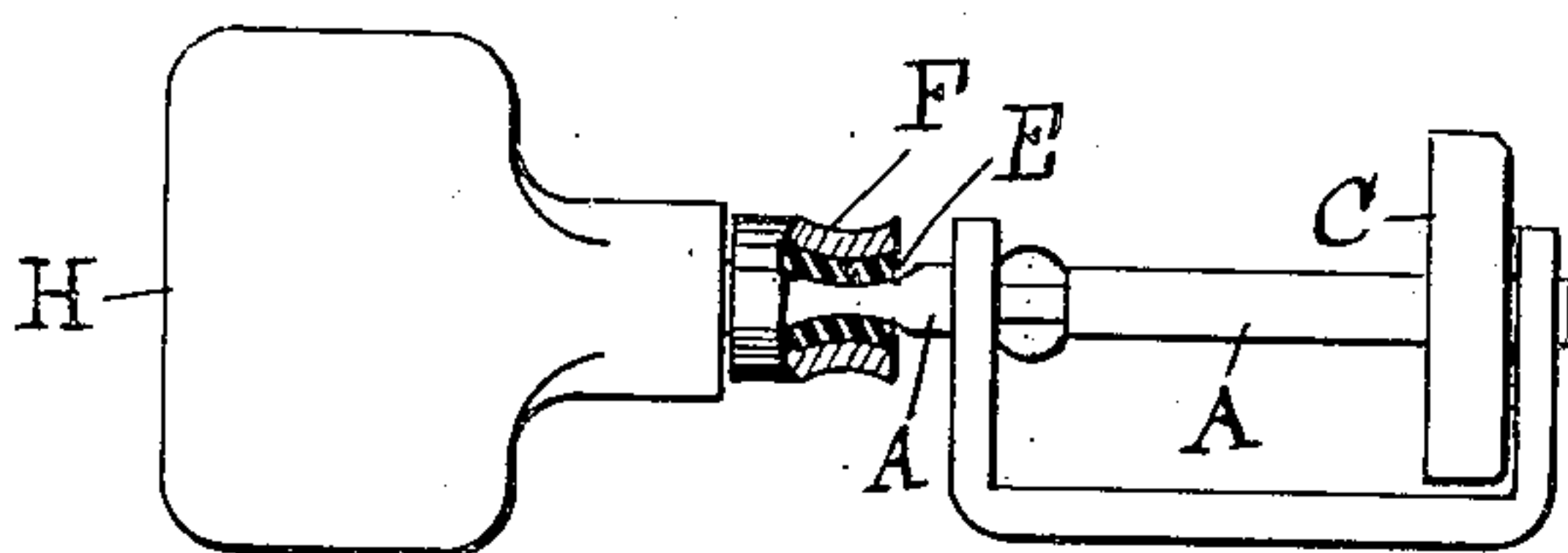


Fig. 4.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

LEMBERT H. MOULTHROP, OF BRIDGEPORT, CONNECTICUT, ASSIGNOR TO THE BRYANT ELECTRIC COMPANY, OF BRIDGEPORT, CONNECTICUT, A CORPORATION OF CONNECTICUT.

## SOCKET-SPINDLE.

946,390.

Specification of Letters Patent.

Patented Jan. 11, 1910.

Application filed October 11, 1909. Serial No. 522,201.

*To all whom it may concern:*

Be it known that I, LEMBERT H. MOULTHROP, a citizen of the United States of America, and residing in the city of Bridgeport, in the county of Fairfield and State of Connecticut, have invented a new and Improved Socket-Spindle, of which the following is a specification.

My invention relates to socket spindles and the object of my invention is to provide a spindle the ends of which are effectively insulated from each other so that a metallic key may safely be employed at one end thereof.

In the accompanying drawing in which my invention is illustrated, Figure 1 is a transverse section of the spindle on an enlarged scale; Fig. 2 is a longitudinal elevation thereof partially in section; Fig. 3 is a broken perspective of the spindle with parts detached; and Fig. 4 is a side elevation of the spindle assembled and positioned in its frame.

Describing my invention as illustrated in the drawings, the switch spindle proper A, from one end of which wings B are pressed out in the usual manner to actuate the switch piece C, is recessed on opposite sides at D adjacent the opposite end, so that at this portion of its length its shape is substantially rectangular in cross section (see Fig. 1).

A sleeve E of insulating material surrounds this end of the spindle, extending

over the recessed portion. A metallic shell F with threaded stem G to receive the thumb piece H fits over this sleeve, and the parts are rendered rigid with relation to each other by depressing the skirt of the shell and insulating sleeve into the recesses on opposite sides of the spindle. The rectangular joint thus formed prevents the shell from swiveling on the spindle even should the insulation become softened by the heat of the socket, while the portion I of the spindle lying beyond the joint and being relatively enlarged prevents the shell from slipping off the end of the spindle.

I claim as my invention:

A spindle for key sockets recessed adjacent one end to form a portion substantially rectangular in cross section, in combination with a shell carrying a stem threaded to receive a thumb key and an insulating lining therefor, said shell and lining being depressed into said recess to form a rectangular joint with said spindle beyond the relatively enlarged end of the latter, substantially as described.

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

LEMBERT H. MOULTHROP.

Witnesses:

F. E. SEELEY,  
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