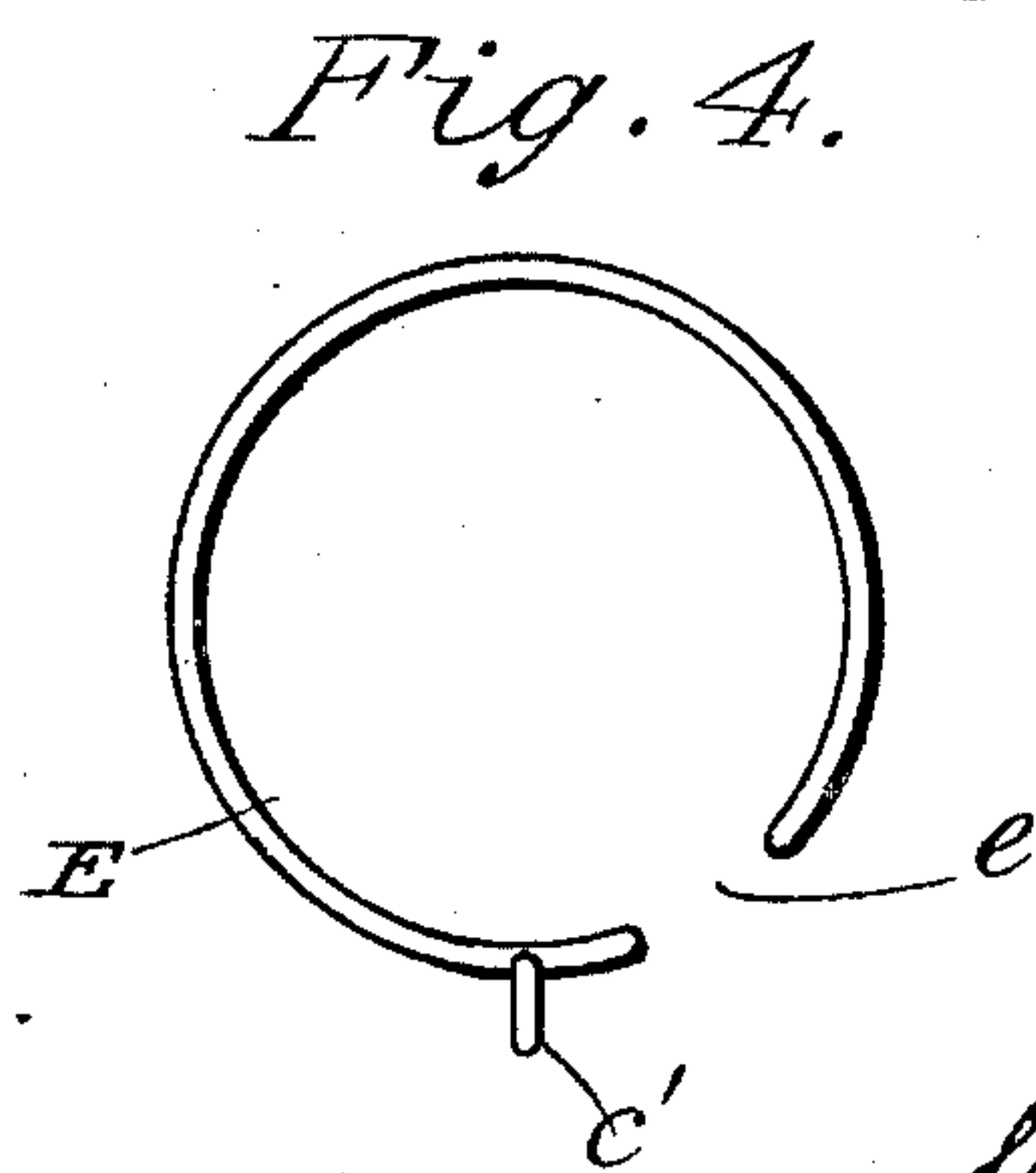
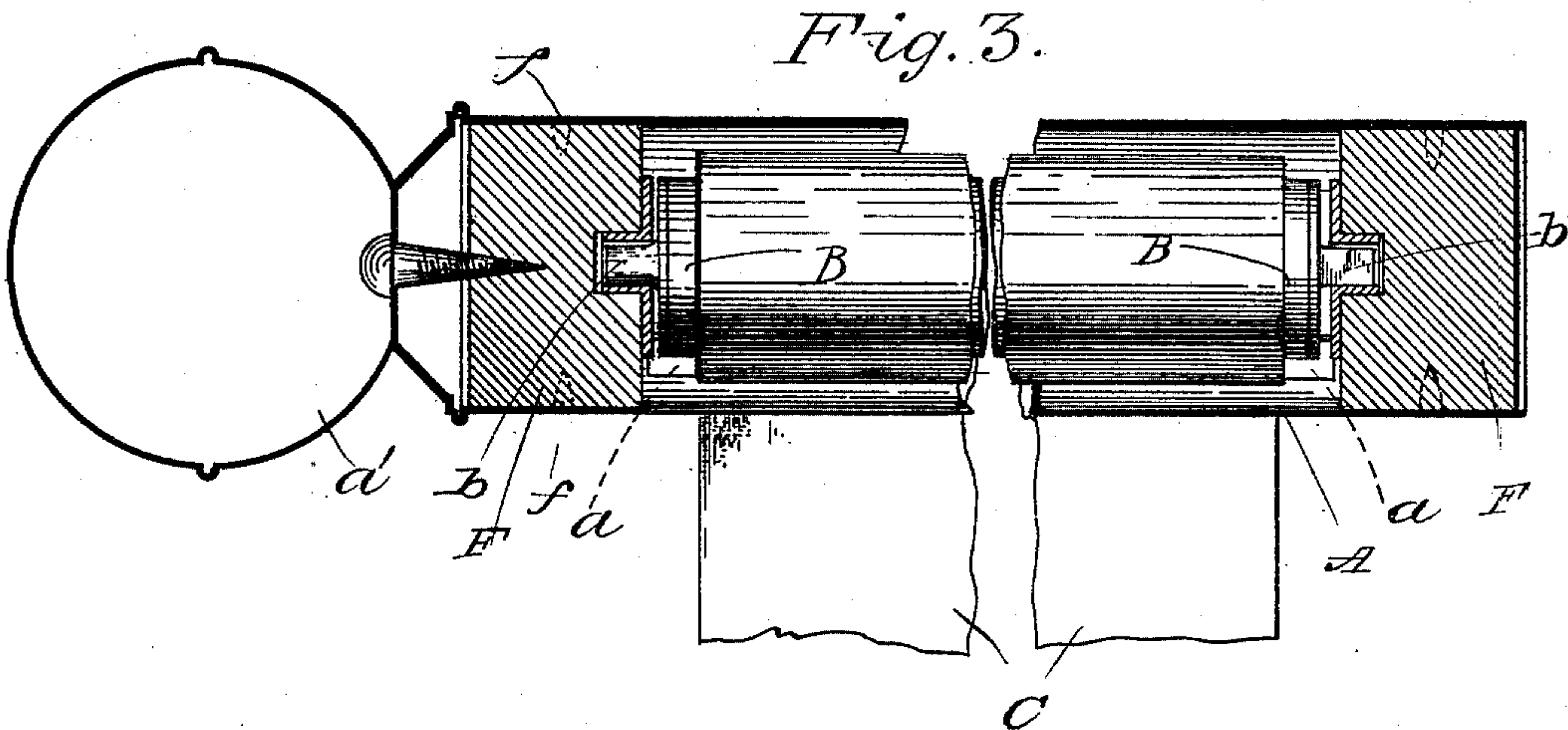
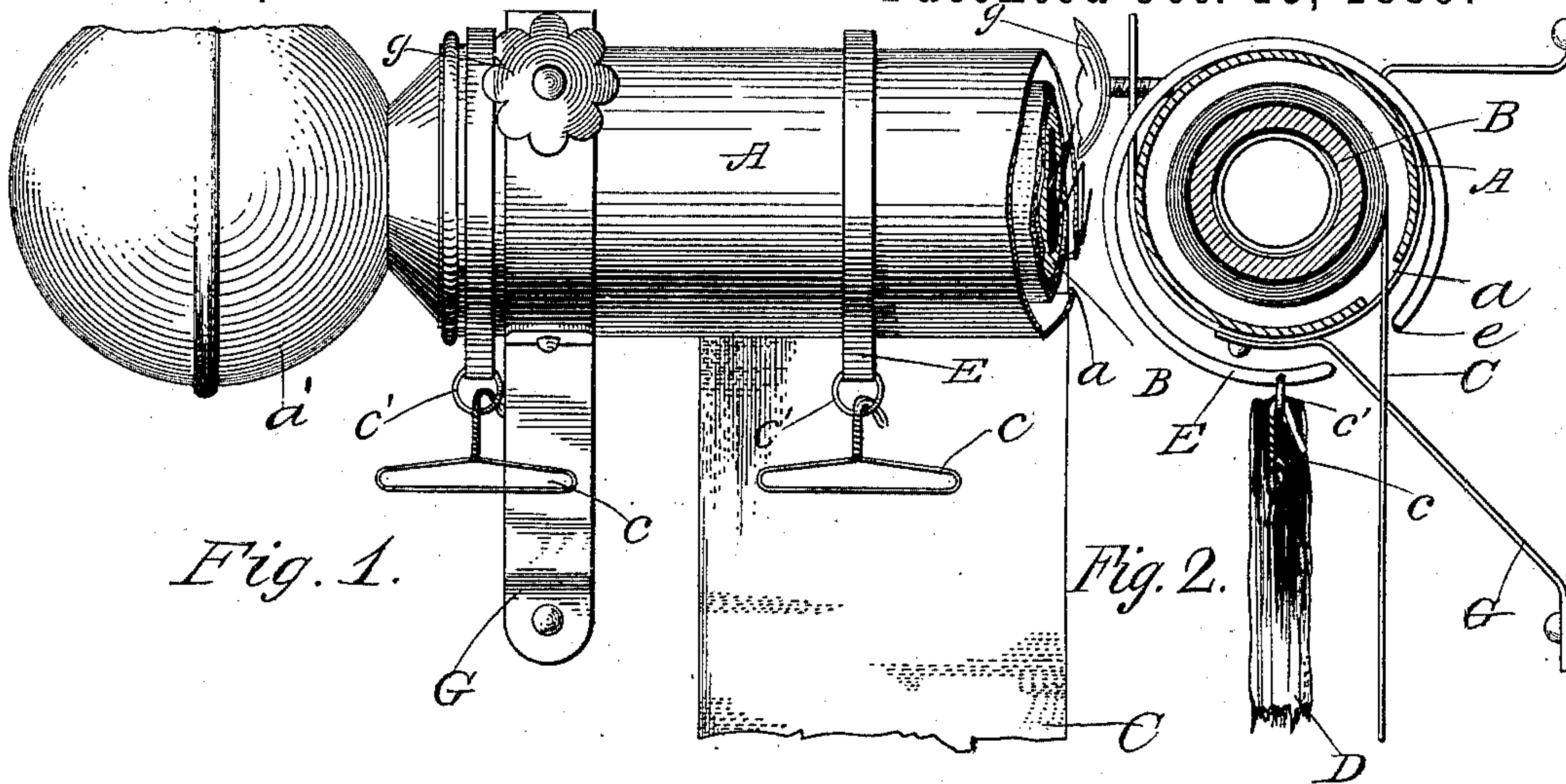


(No Model.)

H. J. SCHRADER.  
CURTAIN POLE.

No. 412,901.

Patented Oct. 15, 1889.



Witnesses:  
Silas Modell  
John H. Crane

Inventor:  
Herman J. Schrader  
By *Irving R. King*  
Attorney.



# UNITED STATES PATENT OFFICE.

HERMAN J. SCHRADER, OF POUGHKEEPSIE, NEW YORK.

## CURTAIN-POLE.

SPECIFICATION forming part of Letters Patent No. 412,901, dated October 15, 1889.

Application filed October 24, 1888. Serial No. 289,081. (No model.)

*To all whom it may concern:*

Be it known that I, HERMAN J. SCHRADER, a citizen of the United States, residing at Poughkeepsie, in the county of Dutchess and State of New York, have invented certain new and useful Improvements in Curtain-Poles; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to hollow slotted curtain-poles in which a spring-roller and shade may be conveniently adjusted so as to work through a slot running along the side of the pole nearest the window at a point high enough to be out of view to one standing in the room, and in which removable end blocks may be inserted to furnish the necessary bearings for the spring-roller; and the objects of my improvement are, first, to provide a more compact and ornamental way of hanging a shade; second, to secure a proper position of the shade, and, third, to save time and expense by having to place only one set of brackets for both curtain and shade. I attain these objects by the device illustrated in the accompanying drawings, in which—

Figure 1 is a front elevation of my device cut off in the middle, showing the shade passing downward through the slot in the roller and the curtain-rings; also, the curtain-hooks in front of the pole and shade, and the bracket supporting the end of the pole. Fig. 2 is a cross-section of my device, showing the relative position of curtain, shade, slotted pole, and ring, together with the inclosed spring-roller, all supported by a bracket. Fig. 3 is a longitudinal section showing the position of the shade-roller in its bearings at either end, and showing the shade partly dependent through the slot of the pole and partly rolled up inside. Fig. 4 is a side elevation of the ring on which the curtain is hung, showing the slot through which the shade passes after passing out of the slot of the pole.

Similar letters refer to similar parts throughout the several views.

A represents the hollow curtain-pole, a shows its slot for the shade to pass through, and *a'* the ornamental pole-knob to be placed over the end piece F.

B represents the spring-roller, and *b* and *b'* show, respectively, the round and square ends of the roller suited to engage in the usual way with corresponding bearings in the removable end blocks F F, which are held in place by the screws *f f* passing through the pole.

C represents the shade partly drawn down through the slotted pole and rings.

*c* is the curtain-hook attached to the ring *c'* of the slotted ring E.

D represents the curtain hooked by *c* and *c'* to the ring E.

G represents the brackets in which the pole is placed for its support, and *g* is a set-screw for the purpose of holding the pole in such a position that the slot for the passing of the shade is kept far enough back to clear it of contact with the curtain at any point.

No more detailed description of my device than the above is necessary to show that it furnishes a needed convenience in handsome decoration, as it saves marring by dispensing with one set of brackets, it permits the curtains to be hung closer to the window than by any other method, and it serves to entirely conceal the shade when it is not in use.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. A hollow slotted curtain-pole, in combination with an interior roller, a shade attached to the roller and passing through the slot of the pole, and a series of slotted rings hung upon the pole for the purpose of conveniently attaching a curtain and allowing the shade to pass through the slots of the rings, as described.

2. A shade and curtain fixture consisting of a hollow slotted curtain-pole, a spring-roller within the pole, a shade supported on the roller and passing through the slot of the pole, and a series of slotted rings having their opening directly below the slot of the pole, so as to support a curtain without hindering the passage of the shade C from the interior of the pole A, substantially as set forth.

3. A hollow slotted curtain-pole, in combination with a roller B, the removable end blocks F, supported within the curtain-pole, the shade C, attached to the roller B, and the slotted rings E, having their openings below

the slot of the pole for the passage of the shade C, substantially as described.

4. A combined curtain-pole and shade-roller, consisting of a hollow slotted pole, a spring-  
5 roller B, contained within the pole and working in bearings of the end blocks F, the shade C, supported on the roller B, the curtain D, the end blocks F, the slotted curtain-rings E, for supporting the curtain D and allowing  
10 the shade C to pass downward from the slot

through the rings, and the brackets G for holding the pole in position, all arranged as and for the purpose specified.

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

HERMAN J. SCHRADER.

Witnesses:

SILAS WODELL,  
IRVING ELTING: