

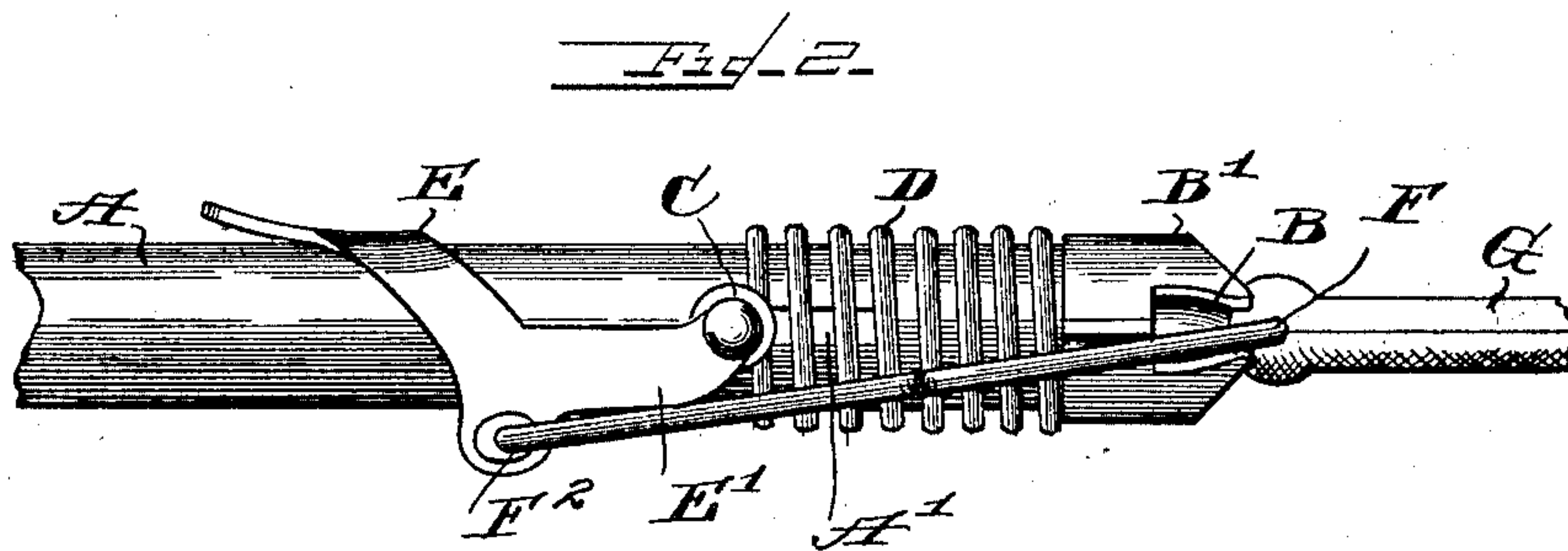
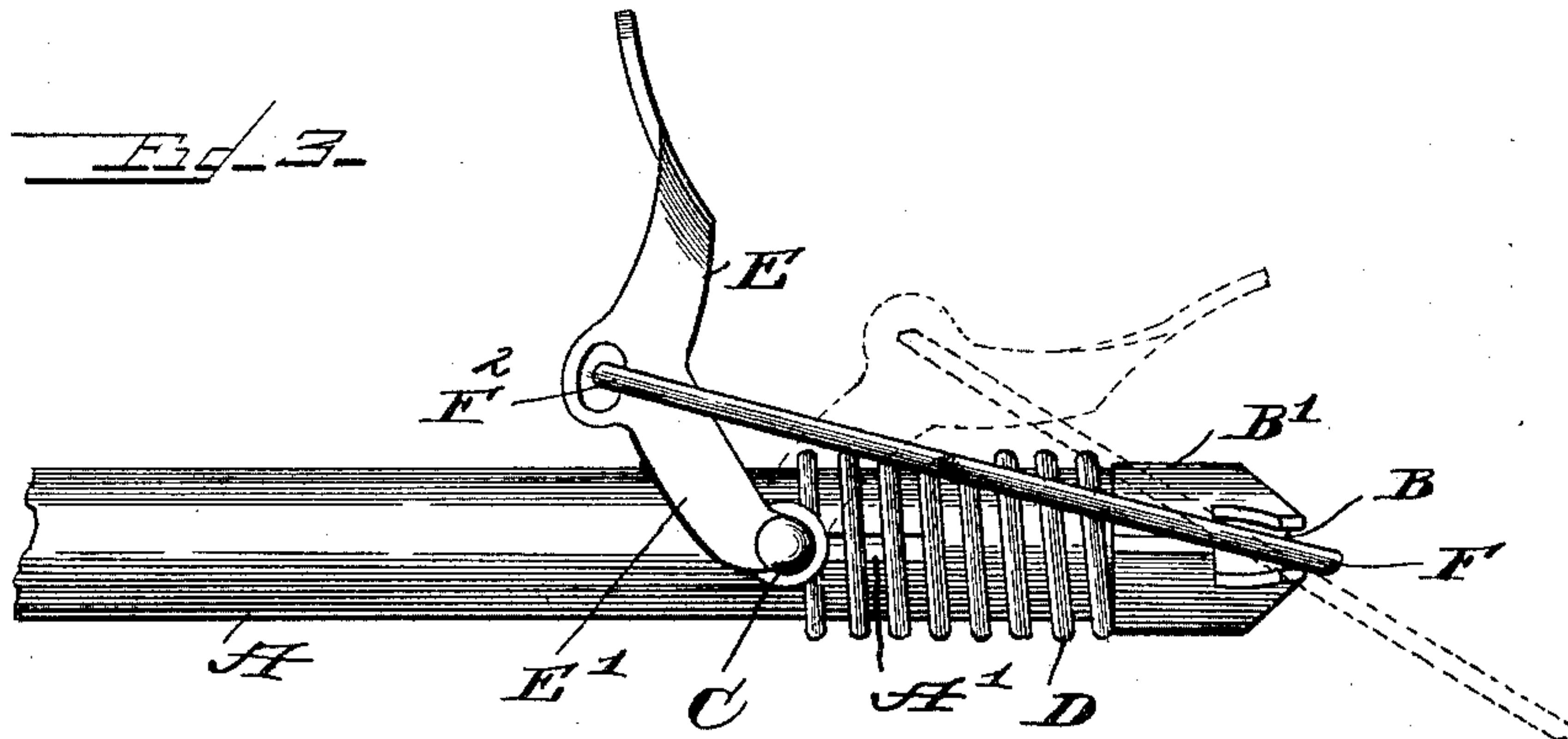
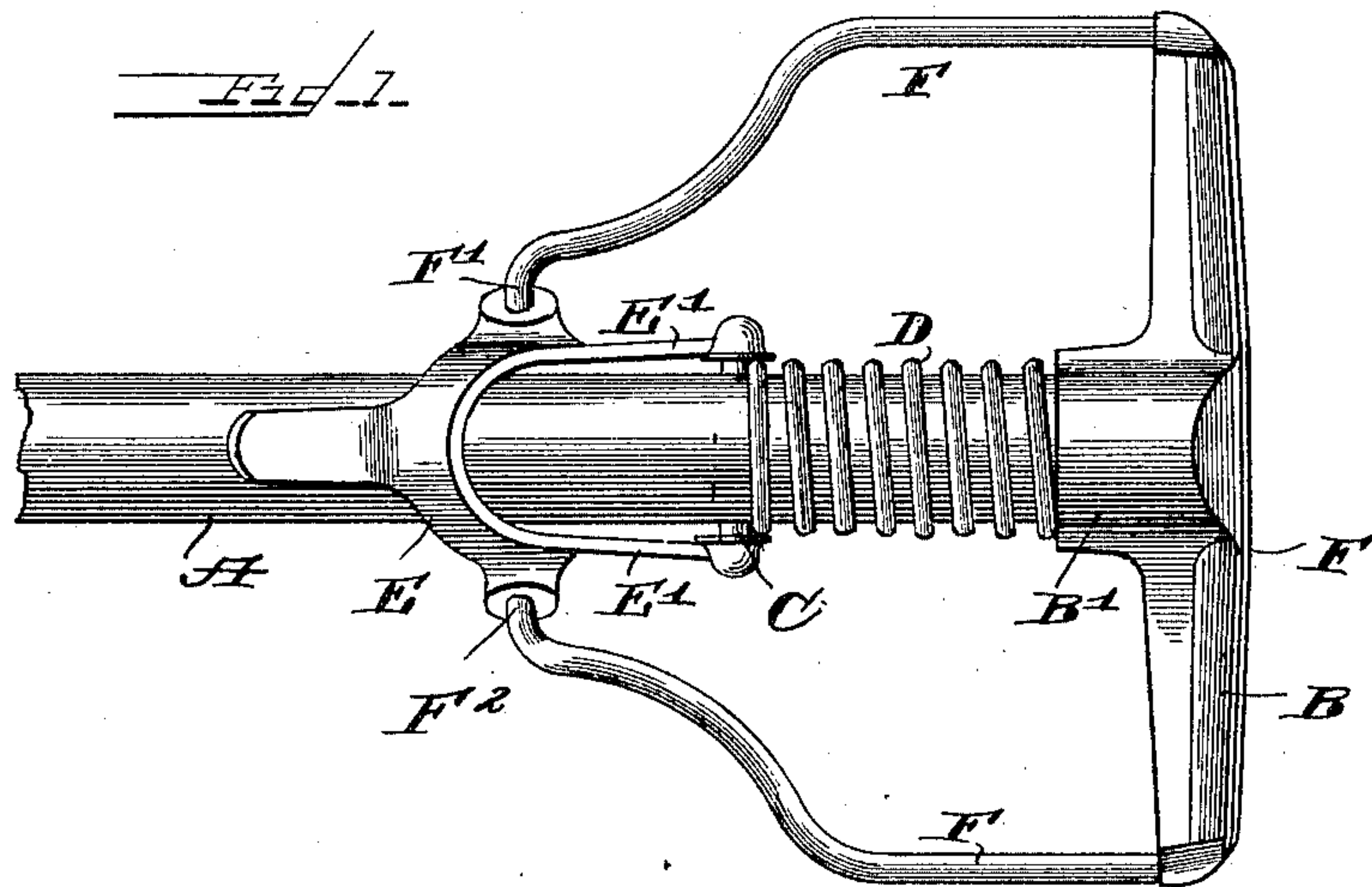
No. 699,314.

Patented May 6, 1902.

A. S. HELD.  
MOP HEAD.

(Application filed Jan. 4, 1902.)

(No Model.)



WITNESSES.

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# UNITED STATES PATENT OFFICE.

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## MOP-HEAD.

SPECIFICATION forming part of Letters Patent No. 699,314, dated May 6, 1902.

Application filed January 4, 1902. Serial No. 88,466. (No model.)

*To all whom it may concern:*

Be it known that I, AUGUST S. HELD, a citizen of the United States of America, residing at Freeport, in the county of Stephenson and State of Illinois, have invented certain new and useful Improvements in Mop-Heads, of which the following is a specification.

This invention has for its object the production of improved heads for holding mops; and it consists of certain new and useful features of construction and combinations of parts especially devised to that end, all as hereinafter fully described, and specifically pointed out in the claim.

Referring to the accompanying drawings, which form a part of this specification, Figure 1 is a top plan view of a mop-head embodying my invention. Figs. 2 and 3 are side elevations of the same.

Like letters of reference indicate corresponding parts throughout the several views.

A is the lower portion of a mop-stick having a transverse slot A' extending therethrough.

B B' represent a casting comprising the fixed clamping-jaw of the mop-head and its handle-socket.

C is a fulcrum extending through and adapted to slide back and forth in and lengthwise of the slot A' in the mop-stick A.

D is a coiled spring encircling the stick A, compressible between the socket B' and fulcrum C and normally acting to force such fulcrum C from the fixed jaw B.

E is a bifurcated lever connected by its furcations E' with the ends of the fulcrum C.

F is a counterpart movable clamping-jaw parallel with the fixed jaw B, having its ends F' F<sup>2</sup> extending and converging rearwardly and pivotally connected with the lever E at its mid portion.

Fig. 3 shows in dotted lines the lever E

thrown clear forward and the movable jaw F moved thereby away from the fixed jaw B, so as to permit a mop G to be introduced between them. The lever E may next be freely swung back to the position shown in solid lines in Fig. 3 and thereafter be forced down against the action of the spring D to the position shown in Fig. 2, where such spring D is shown compressed between the socket B' on the fixed jaw B and slidable fulcrum C and by reason of such compression holding the jaw F tightly against the intervening mop G and stationary jaw B.

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

In a mop-head, in combination, a stick having a transverse slot extending therethrough, a casting comprising a fixed clamping-jaw and a handle-socket, a fulcrum, extending through, and adapted to slide in and lengthwise of, the transverse slot in the stick, a coiled spring—encircling the stick—compressible between the socket on the fixed jaw and the slidable fulcrum, and normally acting to force such fulcrum from the fixed jaw, a bifurcated lever, connected, by its furcations, with the ends of the fulcrum, a movable clamping-jaw—parallel with the fixed jaw—having its ends extending and converging rearwardly and pivotally connected with the lever at its mid portion, substantially as and for the purpose specified.

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

AUGUST S. HELD.

Witnesses:

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