

No. 704,018.

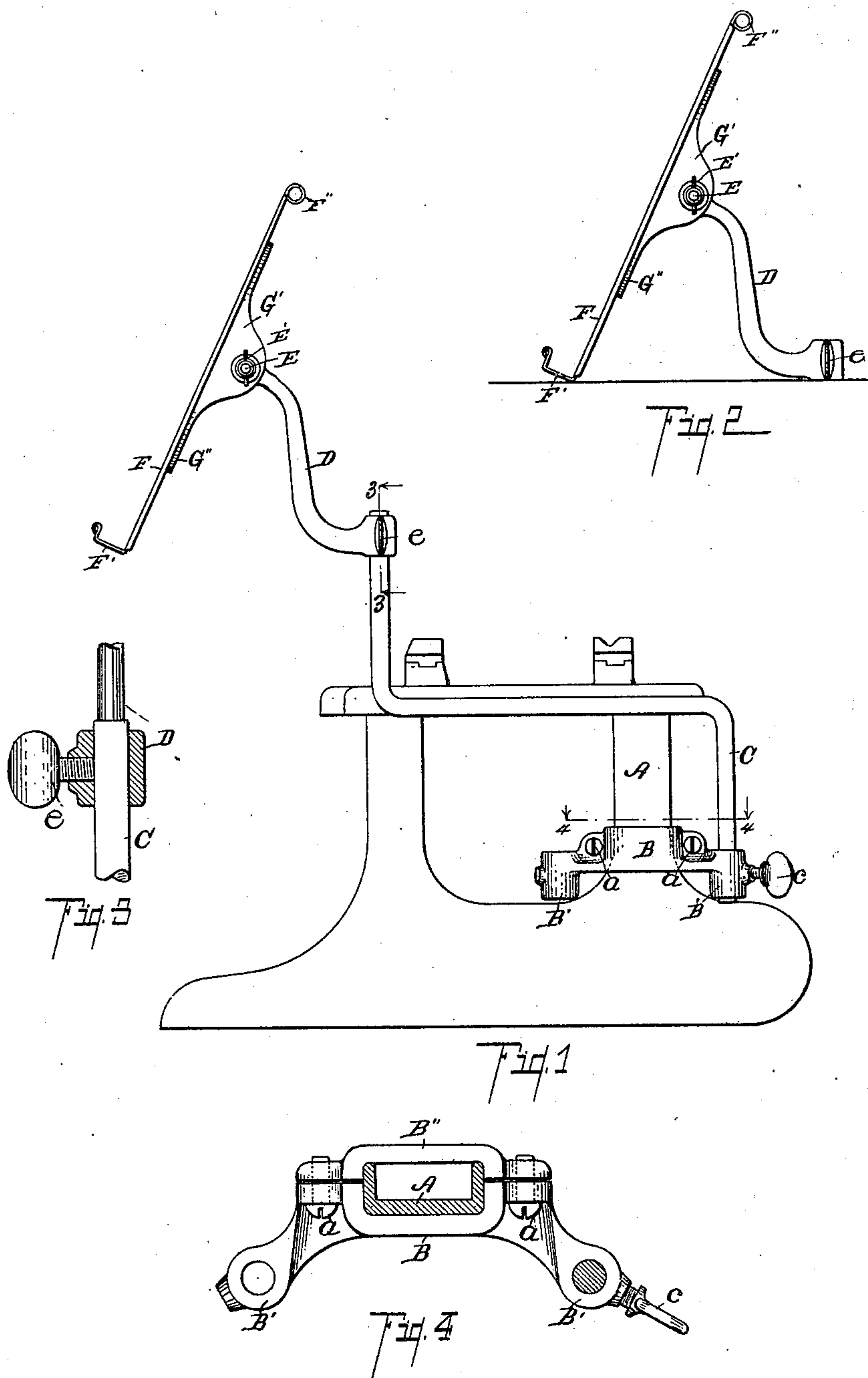
Patented July 8, 1902.

W. R. FOX.
COPY HOLDER.

(Application filed Dec. 6, 1901.)

(No Model.)

2 Sheets—Sheet 1.



Witnesses:

W. E. Wood
W. E. Earl

Inventor,

William R. Fox

By *Fred L. Chappell*
Att'y.

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2 Sheets—Sheet 2.

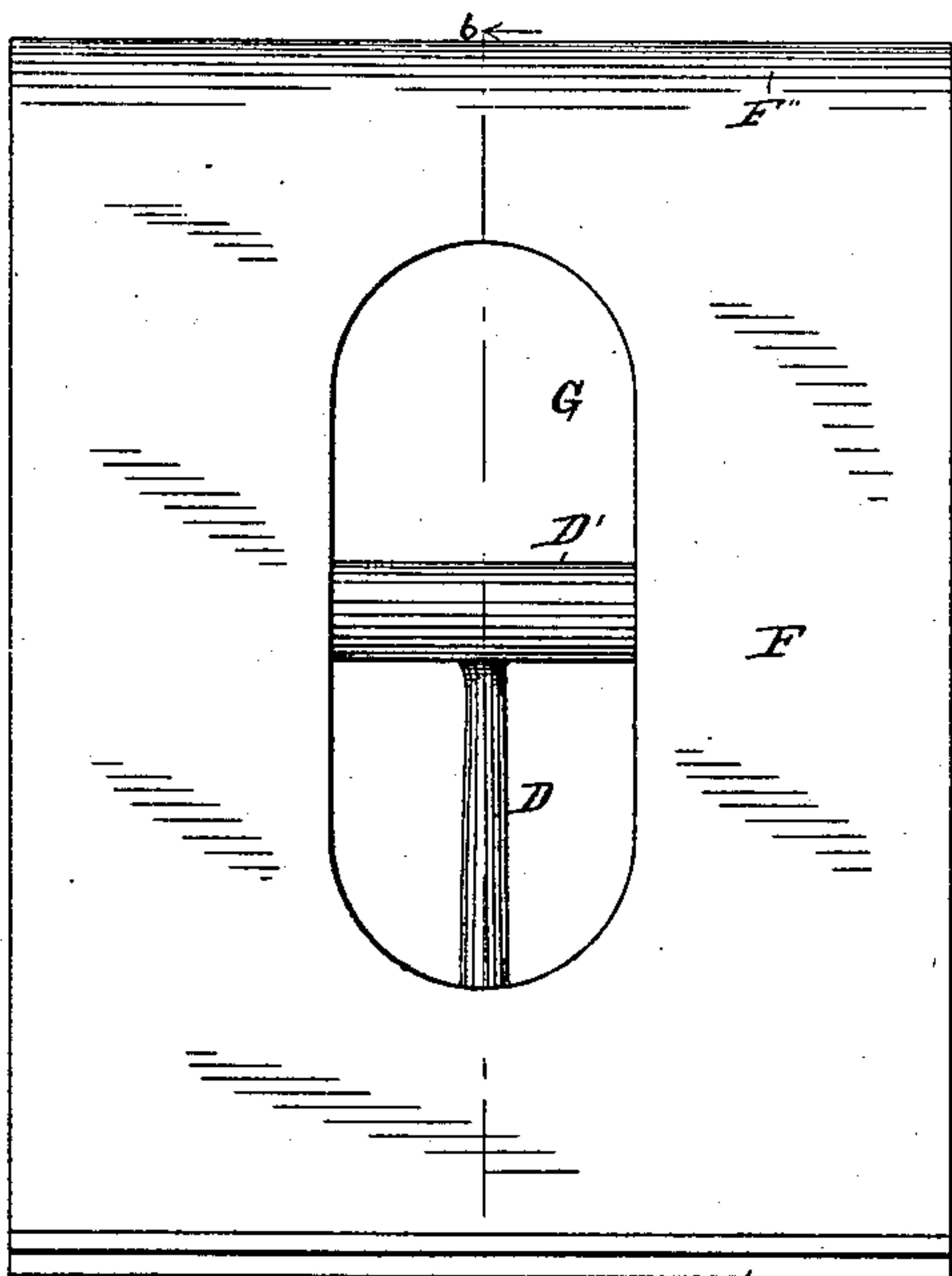


Fig. 5

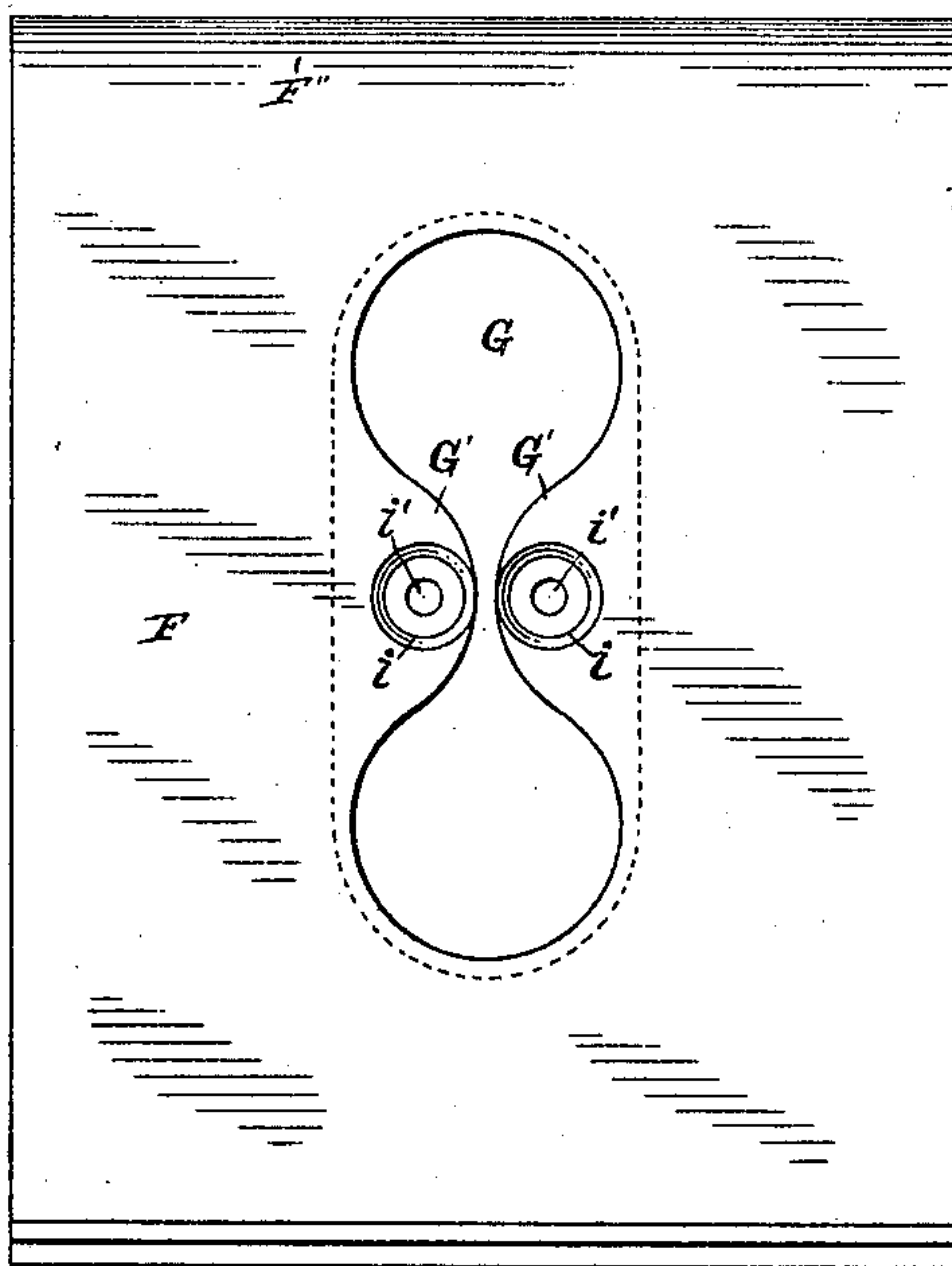


Fig. 6

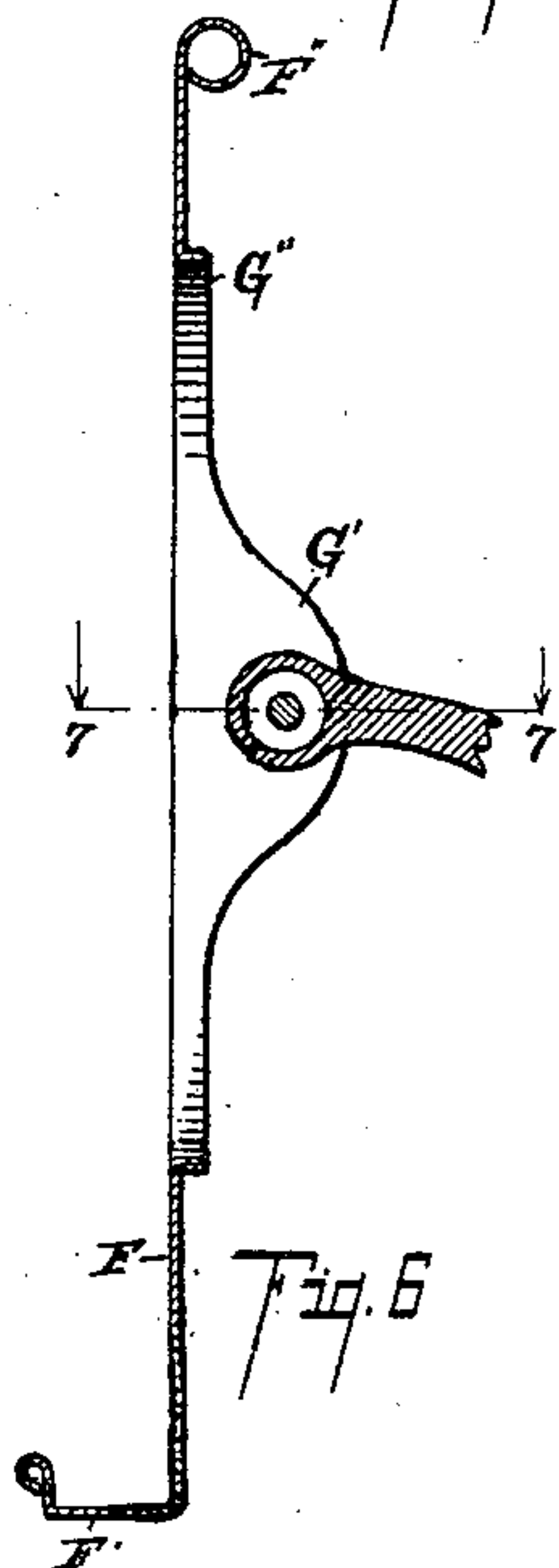


Fig. 7

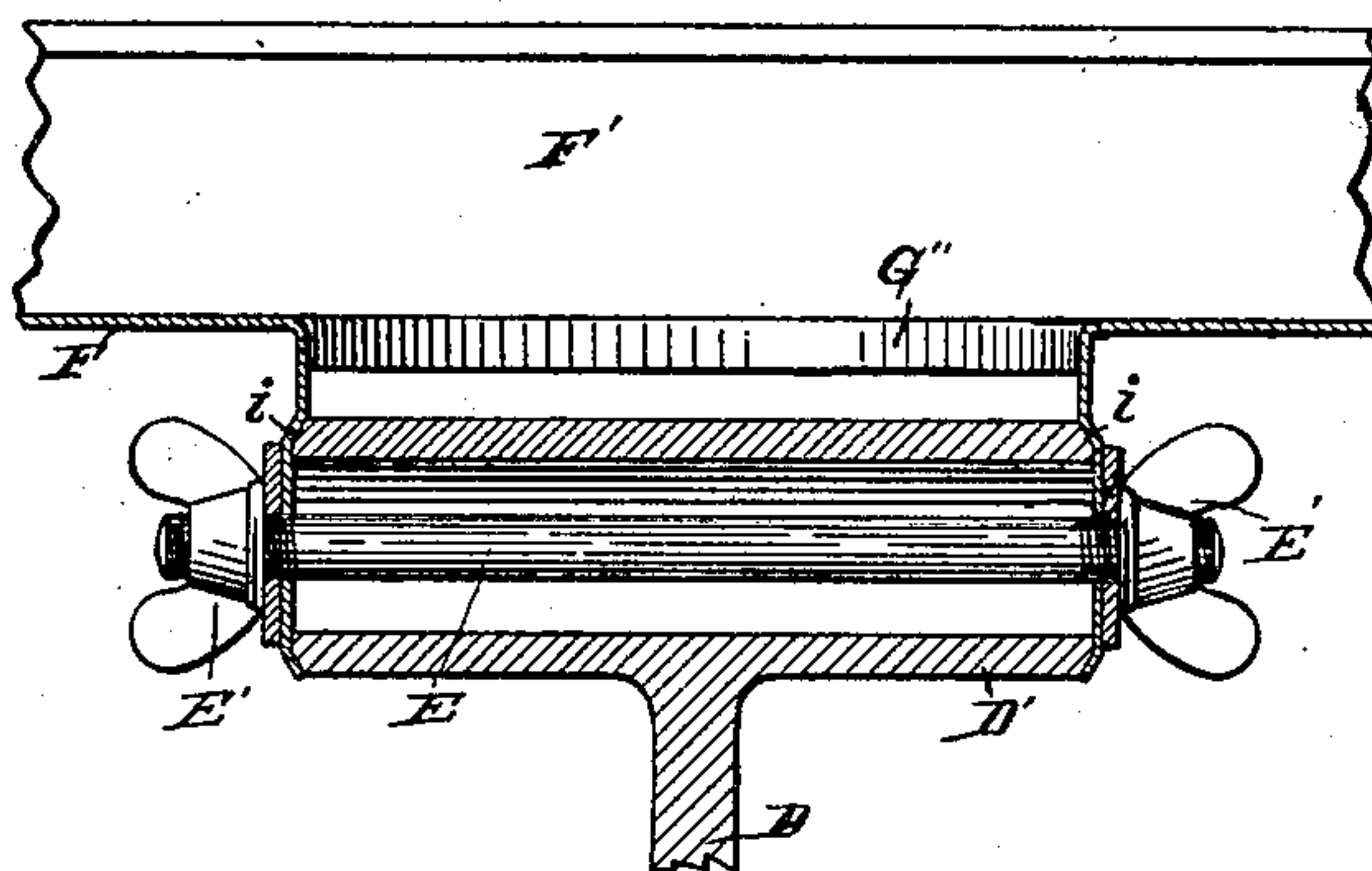


Fig. 8

Witnesses:

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UNITED STATES PATENT OFFICE.

WILLIAM R. FOX, OF GRAND RAPIDS, MICHIGAN, ASSIGNOR TO THE FOX MACHINE COMPANY, OF GRAND RAPIDS, MICHIGAN.

COPY-HOLDER.

SPECIFICATION forming part of Letters Patent No. 704,018, dated July 8, 1902.

Application filed December 6, 1901. Serial No. 84,914. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM R. FOX, a citizen of the United States, residing at the city of Grand Rapids, in the county of Kent and State of Michigan, have invented certain new and useful Improvements in Copy-Holders, of which the following is a specification.

This invention relates to improvements in copy-holders for type-writers.

10 The objects of the invention are to provide a copy-holder which shall be readily attached to either side of the type-writer and which shall also be readily adjustable to different positions in relation to the type-writer and
15 in which the holder proper can be readily detached from the standard and can be used as an easel, the angle of which is readily and easily adjustable.

20 A further object is to provide such a structure which is readily and easily manufactured with great economy of material and in which a comparatively thin sheet of metal will be made rigid and serve as a practical support for copy of any description.

25 Further objects will definitely appear in the detailed description to follow.

I accomplish the objects of my invention by the devices and means described in this specification.

30 The invention is clearly defined and pointed out in the claims.

A structure fully embodying the features of my invention is clearly illustrated in the accompanying drawings, forming a part of
35 this specification, in which—

Figure 1 is a detail elevation view of a type-writer frame with one of my improved copy-holders in position. Fig. 2 shows the holder detached from the standard and indicates its
40 use independent from the standard. Fig. 3 is an enlarged detail sectional view taken on line 3 3 of Fig. 1. Fig. 4 is a detail plan view taken on line 4 4 of Fig. 1, showing the construction of the supporting-clamp. Fig. 5 is
45 a front elevation view of the copy-holder frame. Fig. 6 is a detail sectional view taken on line 6 6 of Fig. 5, showing the pivotal adjustment. Fig. 7 is an enlarged detail sectional view on line 7 7 of Fig. 6, showing details of construction of the adjustable sup-
50 port. Fig. 8 is a detail view showing the

method of forming the back by striking the same up out of the central portion of the sheet forming the copy-holder proper.

In the drawings all of the sectional views 55 are taken looking in the direction of the little arrows at the ends of the section-lines, and similar letters of reference refer to similar parts throughout the several views.

Referring to the lettered parts of the draw- 60 ings, A represents the frame of a type-writer.

B is a clamp which is retained to one of the side standards of the type-writer frame by a clip-piece B'', adjustably held in position by the set-screws *a a*. Sockets B' B' are on each 65 end of the clamp, whereby the clamp can be used either side up or on either side of the machine and present a socket at the desired position for receiving the standard. The standard C is in the form of a crank, one end 70 of which is to be inserted in one of the sockets B' and be adjustably retained by a set-screw *c*. The upper end of the standard receives the supporting-arm D for the copy-holder proper and is provided with a suitable 75 set-screw *e*, as appears in Fig. 3. This supporting-arm D extends upwardly and is provided with a hollow cross-head D'.

The frame for the copy-holder proper consists of the sheet of metal F, formed into a 80 roll F'' to stiffen it, and a shelf F' is formed at the bottom. Extending inwardly back from the center of this copy-holder frame is a flange G'', extending around an elongated hole through the frame, and lugs G' are turned out 85 at each side to receive the hollow cross-head D', the same being preferably stamped at *i* and perforated at *i'* to receive the pivot-pin. There it conforms to the ends of the cross-heads D' and is clamped by bolt E with set- 90 nuts *e' e'*.

I desire to state that my improved copy-holder can be considerably modified in its details without departing from my invention. I also desire to state that the frame part, with its 95 supporting-arm, can be attached to any suitable standard and that owing to the adjustability of its angle the same is very effectively used for the displaying of merchandise by either placing the same on the counter or sup- 100 porting the same on any suitable standard or multiple standard that may be desired. I

have found the same very effective and satisfactory for such purpose when put upon a revolving frame having a multiple of standards, so that a large number of the same can be
5 used. As these variations are obvious, it is not necessary to illustrate the same here.

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

10 1. The combination of the clamp B with double sockets B' and a clip-piece B'' for retaining it; a crank-shaped standard C; a copy-holder frame F of sheet metal with rearwardly-projecting ears and a supporting-arm adjust-
15 ably secured between the ears and supported on the crank-shaped standard, for the purpose specified.

2. The combination of a clamp having vertically-opening sockets B' at each side and a
20 clip-piece at the back for retaining it; a standard for insertion into either of the said sockets, whereby the standard may be held in different positions; and a copy-holder carried by said standard, for the purpose specified.

25 3. The combination of a copy-holder frame

of sheet metal formed into a shelf at the bottom and having a central portion struck up to form a supporting-rim G''; ears G'; and a supporting-arm adjustably secured between the ears G'; and a suitable screw E with a thumb-
30 nut E' thereon, for the purpose specified.

4. The combination of a copy-holder frame of sheet metal having a central portion struck up to form a supporting-rim; a supporting-arm adjustably secured to said rim; and a
35 suitable screw E with a thumb-nut E' thereon, for the purpose specified.

5. The combination of a copy-holder frame of sheet metal having a central portion struck up to form supporting-ears; and a support-
40 ing-arm adjustably secured between said ears, for the purpose specified.

In witness whereof I have hereunto set my hand and seal in the presence of two witnesses.

WILLIAM R. FOX. [L. S.]

Witnesses:

GEO. K. McMULLEN,

C. B. HAMILTON.