

(No Model.)

F. W. RICHARDS.

BUTTON OR STUD.

No. 358,882.

Patented Mar. 8, 1887.

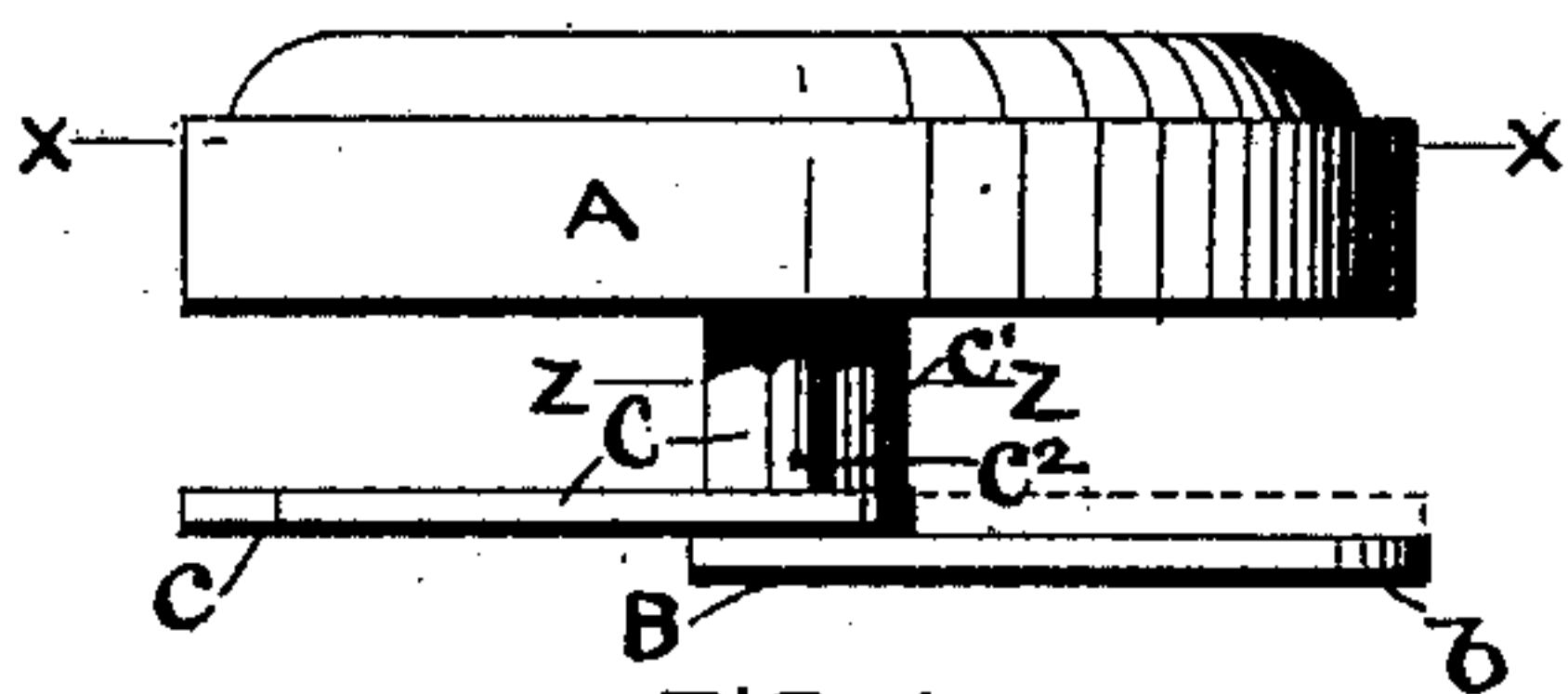


FIG. 1.

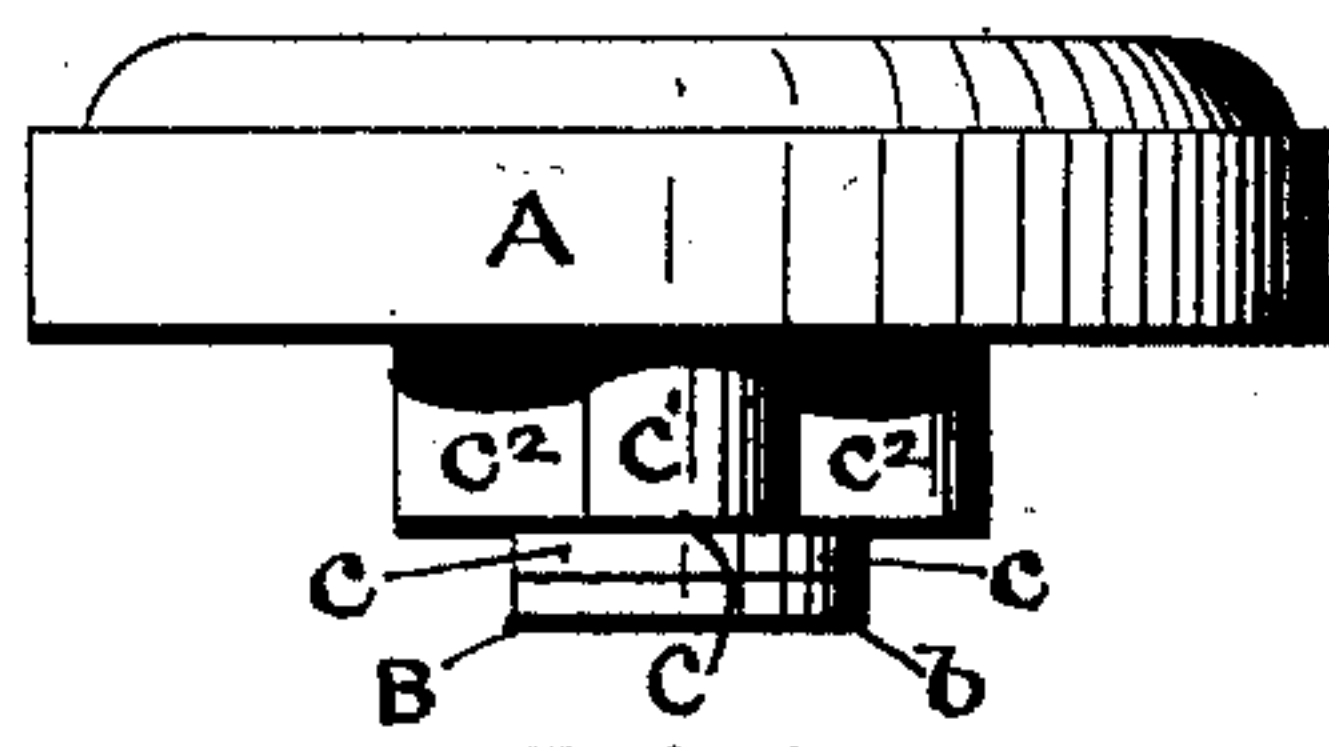


FIG. 2.

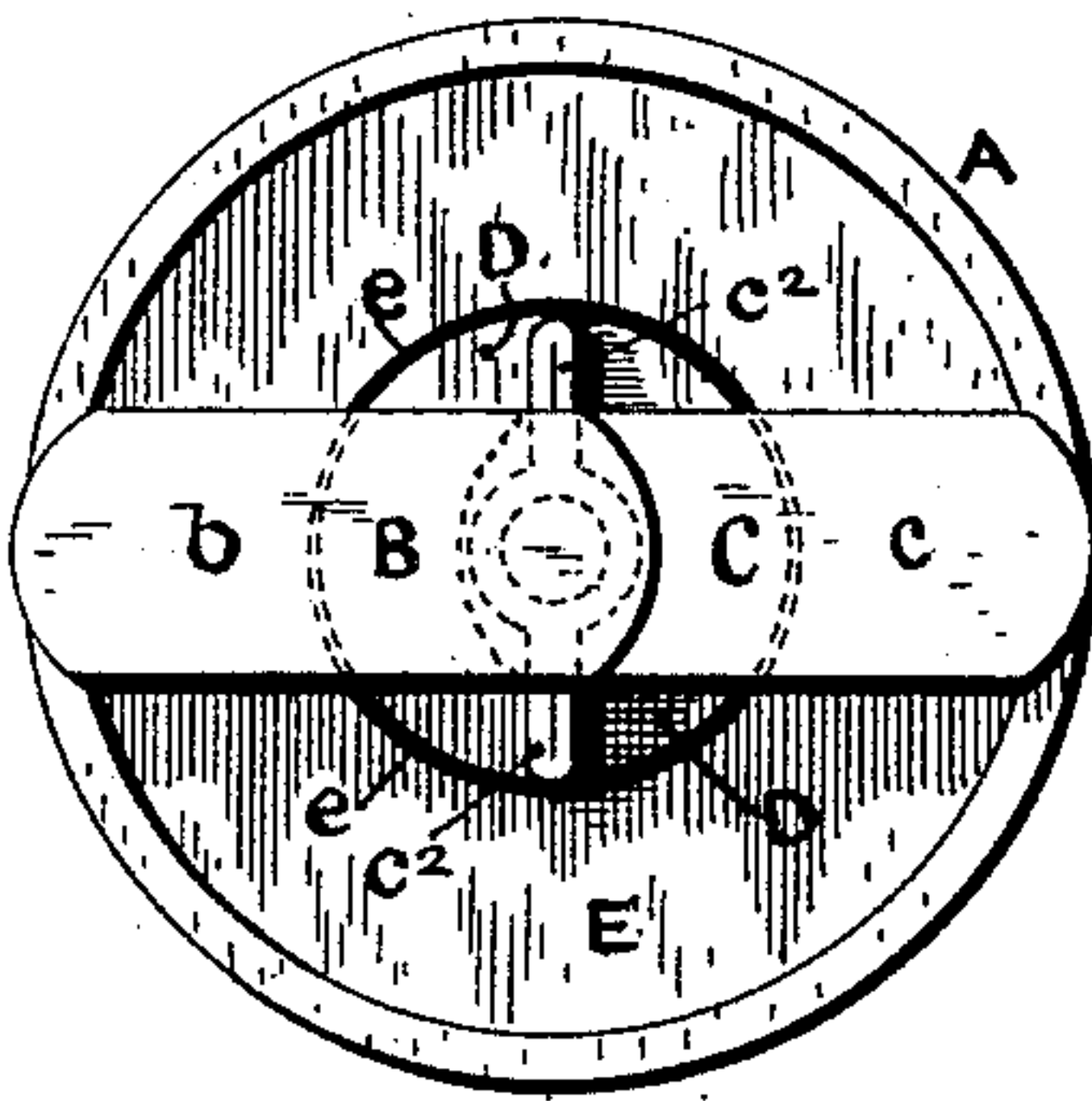


FIG. 3.

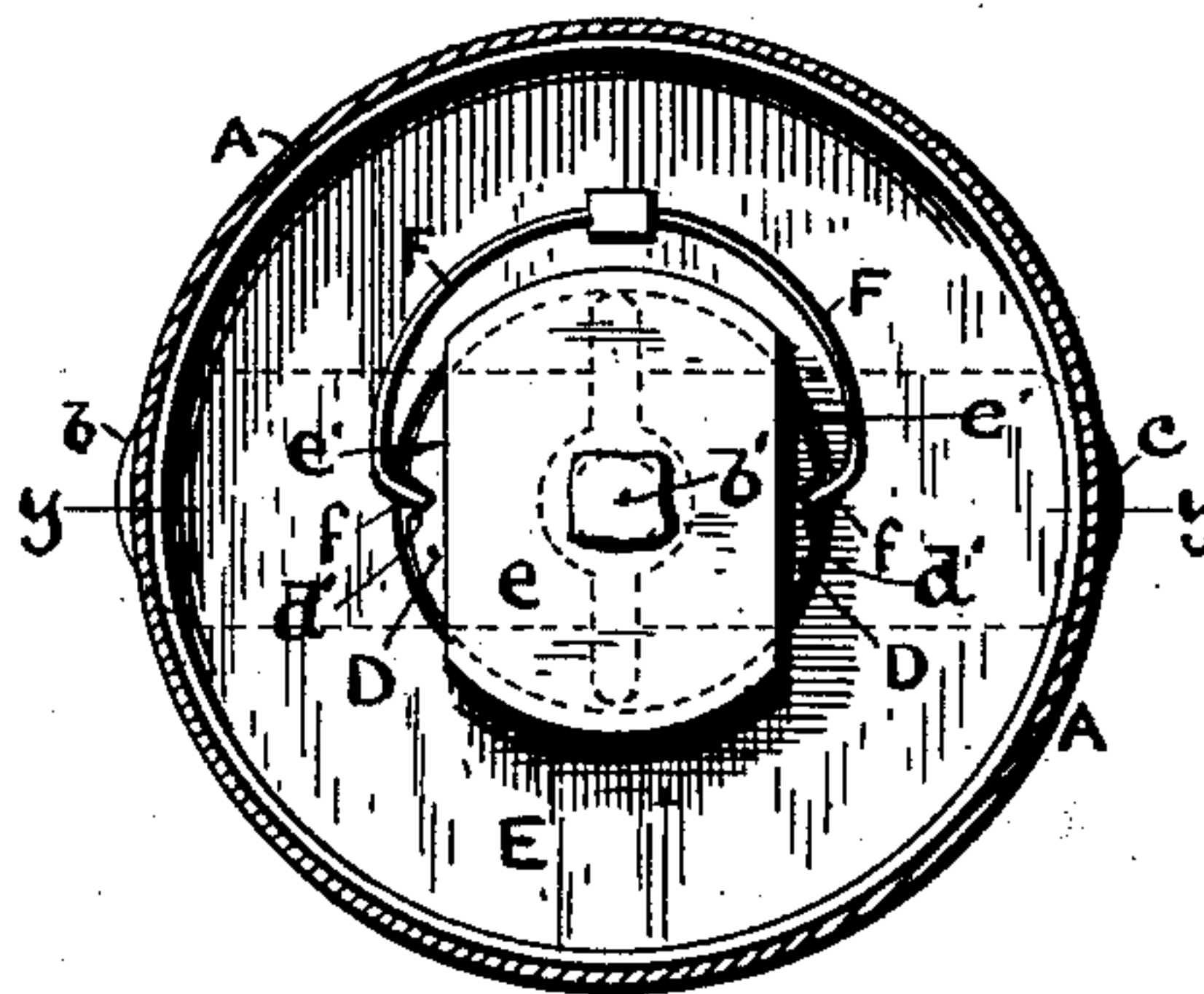


FIG. 4.

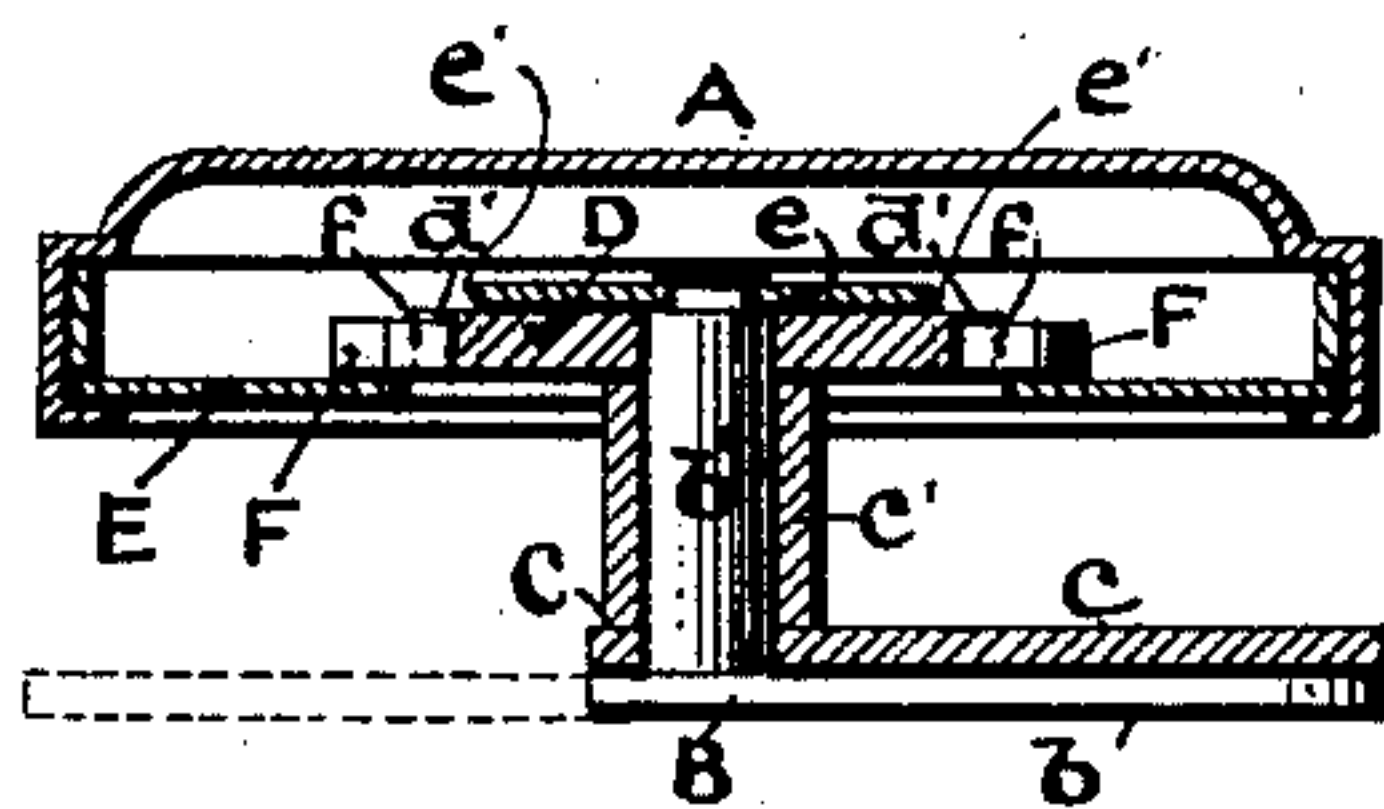


FIG. 5.

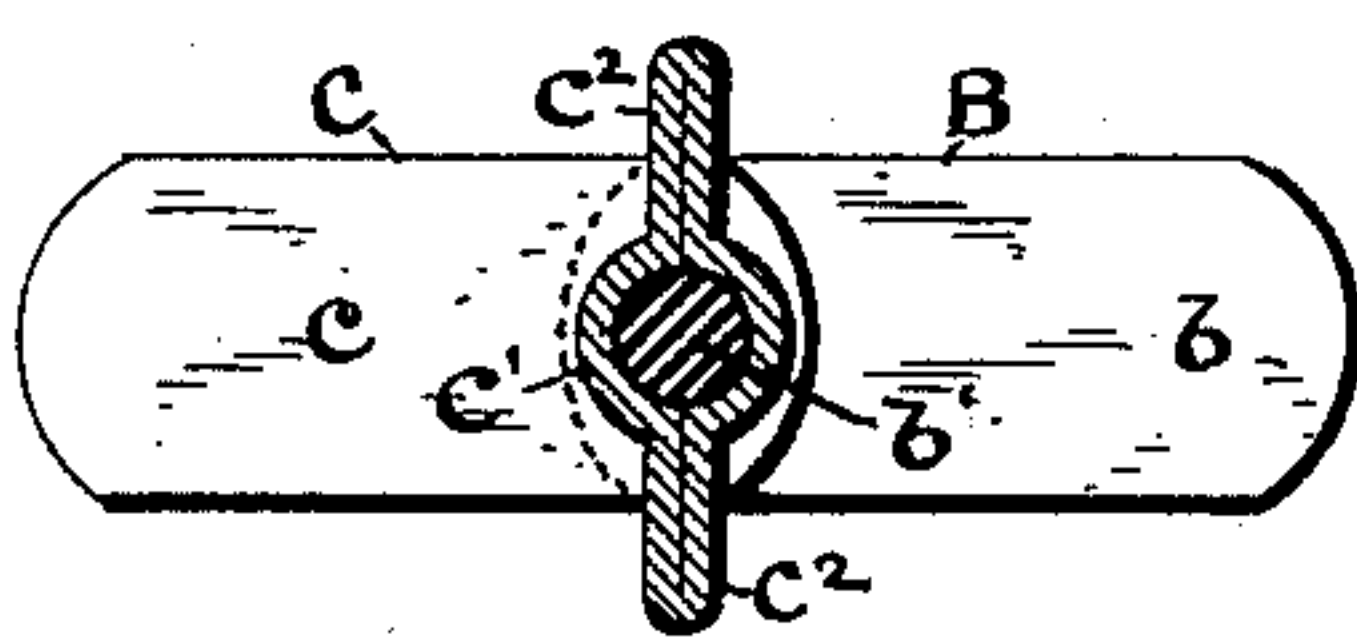


FIG. 6.



FIG. 7.

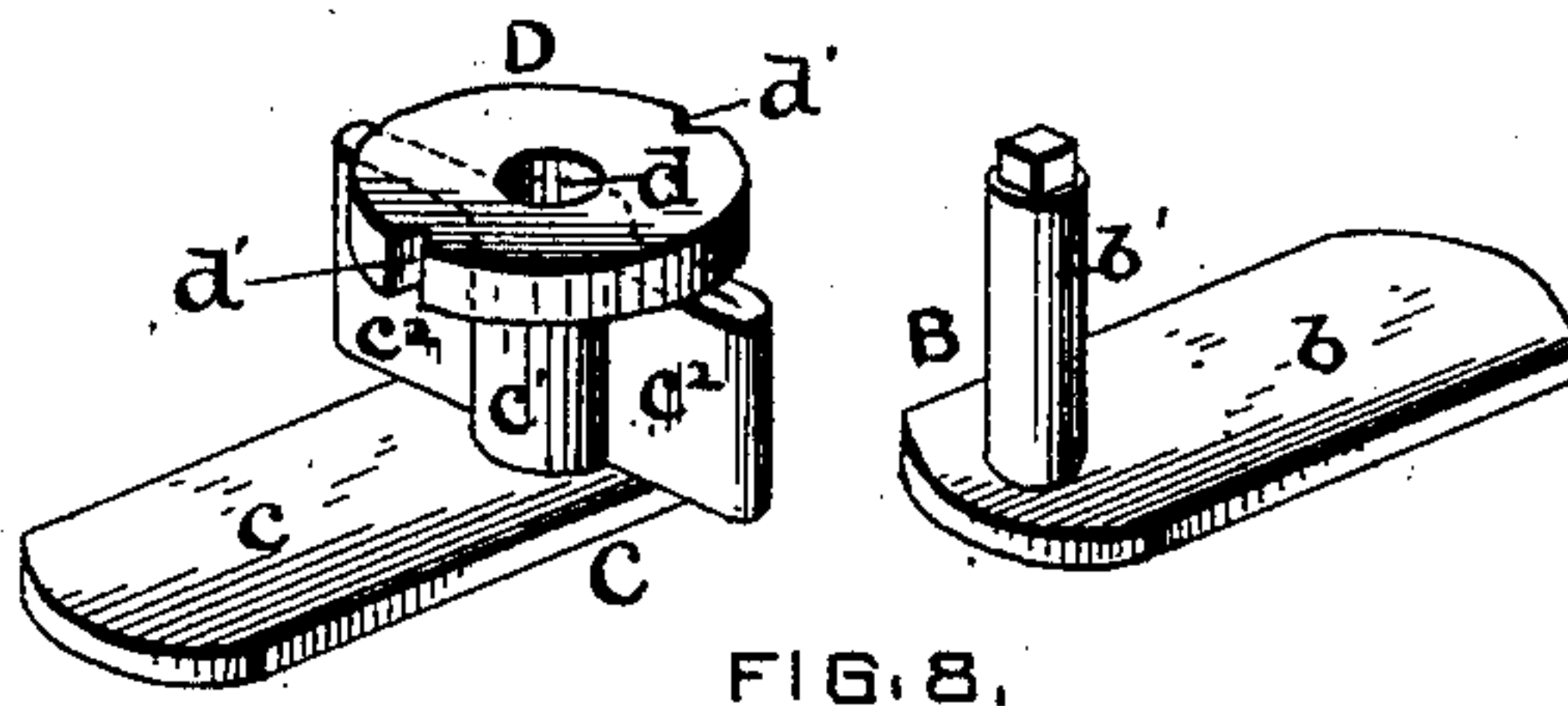


FIG. 8.

WITNESSES.

Henry J. Stapleton.
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INVENTOR.

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UNITED STATES
TRICK W. RICHARDS, OF NORTH ATTLEBOROUGH, MASS.
ASSIGNOR TO HENRY H. CURTIS, OF SAME PLACE.
BUTTON OR STUD.
Patent No. 358,882, dated Mar.
29, 1906. (No model.)

TRICK W. RICHARDS, OF NORFOLK,
ASSIGNOR TO HENRY H. CURTIS,

BUTTON OR STUD.

SPECIFICATION forming part of Letters Patent No. 358,892, dated March 8, 1897.
Application filed January 6, 1897. Serial No. 223,545. (No model.)

Be it remembered, that **W. RICH-**
ARDS of the County of Norfolk, State of Virginia, has invented certain new and useful Improvements in Buttons or Studs, and he hereby declares that the following is a full and exact description thereof, reference being had to the accompanying drawings, which form a part of this specification:

In any preferred manner, to pass i
notches d' on the plate D, as shown i
to lock the plate and thereby the
tion e in position. The shank b' o
through the tubular shaft
in Fig. 5, and is portion e

To all whom it may concern:
Be it known that I, FREDERICK
North Attleborough, c
Massachusetts, ment

To all whom it may concern:
Be it known that I, FREDERICK W. RICHARDS, of North Attleborough, county of Bristol, and State of Massachusetts, have invented a new and useful Improvement in Buttons and Studs; and I do hereby declare the following specification, taken in connection with the accompanying drawings, forming a part of the same, to be a description thereof.
This invention relates to that variety of buttons and studs having two L-shaped arms, one secured rigidly to the button and the other adapted to be rotated in relation to facilitate the buttoning of articles.

Patent No. 358,882, dated May 19, 1907.
Serial No. 223,545. (No model.)

in any preferred manner, to pass into the 50 notches d' on the plate D, as shown in Fig. 4, to lock the plate and thereby the shoe portion c in position. The shank b' of the arm B passes through the tubular shank c' of the arm C, as shown in Fig. 5, and is riveted or otherwise secured to the portion e of the plate E, which portion e forms a bridge over the plate D, as shown in Figs. 4 and 5, the arm C, with its attached plate D, being capable of rotating upon the shank b' .

To apply the button, the shoe portion c is turned half a revolution to overlie the shoe portion b , as shown by dotted lines in Fig. 7 and by full lines in Fig. 5, the spring F, b and by engagement of its ends with the notches the plate D, locking the shoe parts in situ. The shoe parts b c are then passed through the holes, so that the flange of the button occupy said half a

...to rotate axially upon the arm B, right-
handing lateral flanges e^2 , as described,
the notched plate D, occupying the counter-
sunk portion of the plate E and secured to the

arm C, and the spring
and engaging said
arms in position, such as

Witnesses:

FREDERICK
EDSON SALISBURY

THOMAS D. GLOVER

secured to the head
disk to lock the
as set forth. the
RICHARDS.