

(No Model.)

F. X. LAMBOLEY & A. JACOBSON.
BUTTON CLASP.

No. 462,143.

Patented Oct. 27, 1891.

Fig. 1.

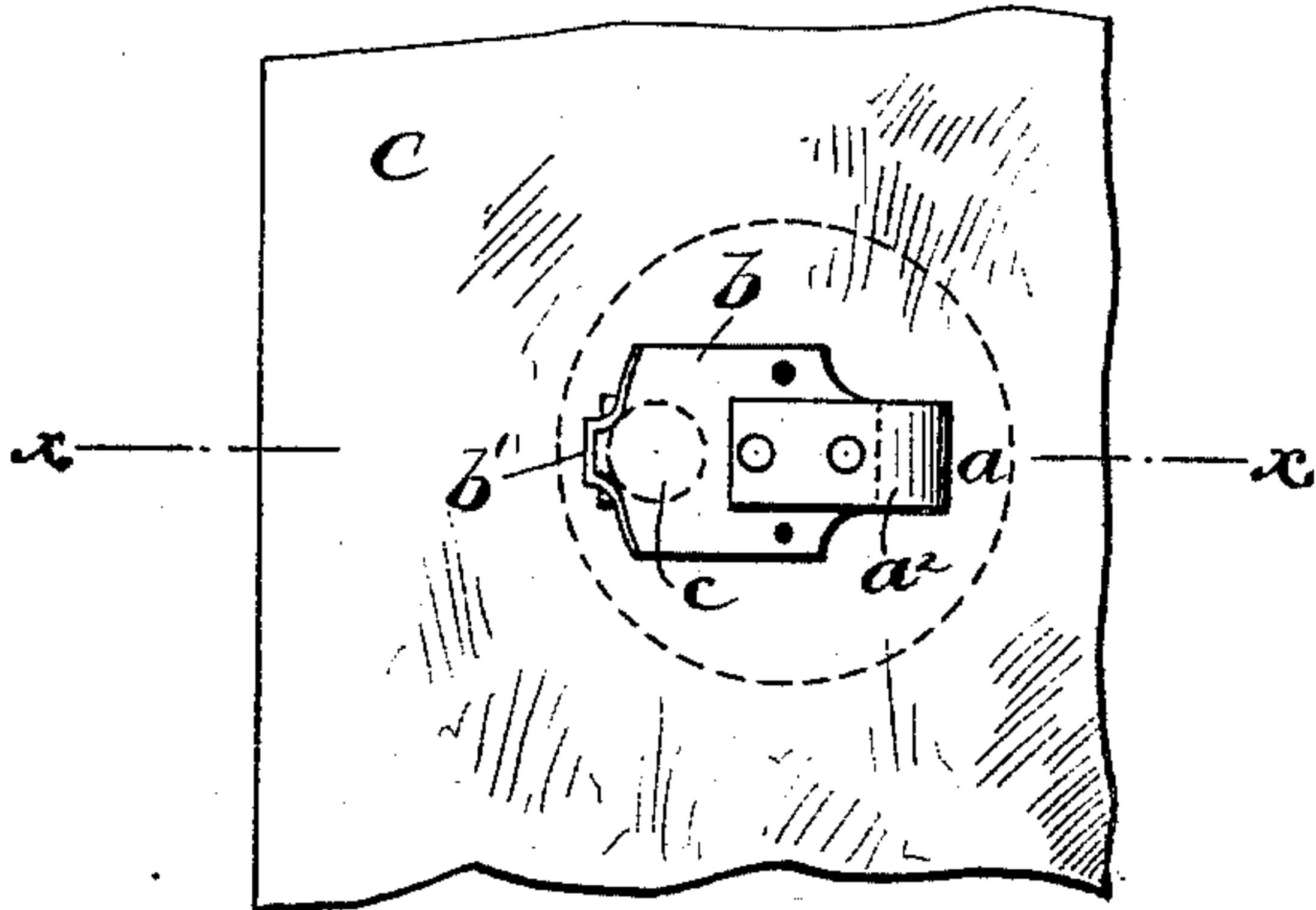


Fig. 2.

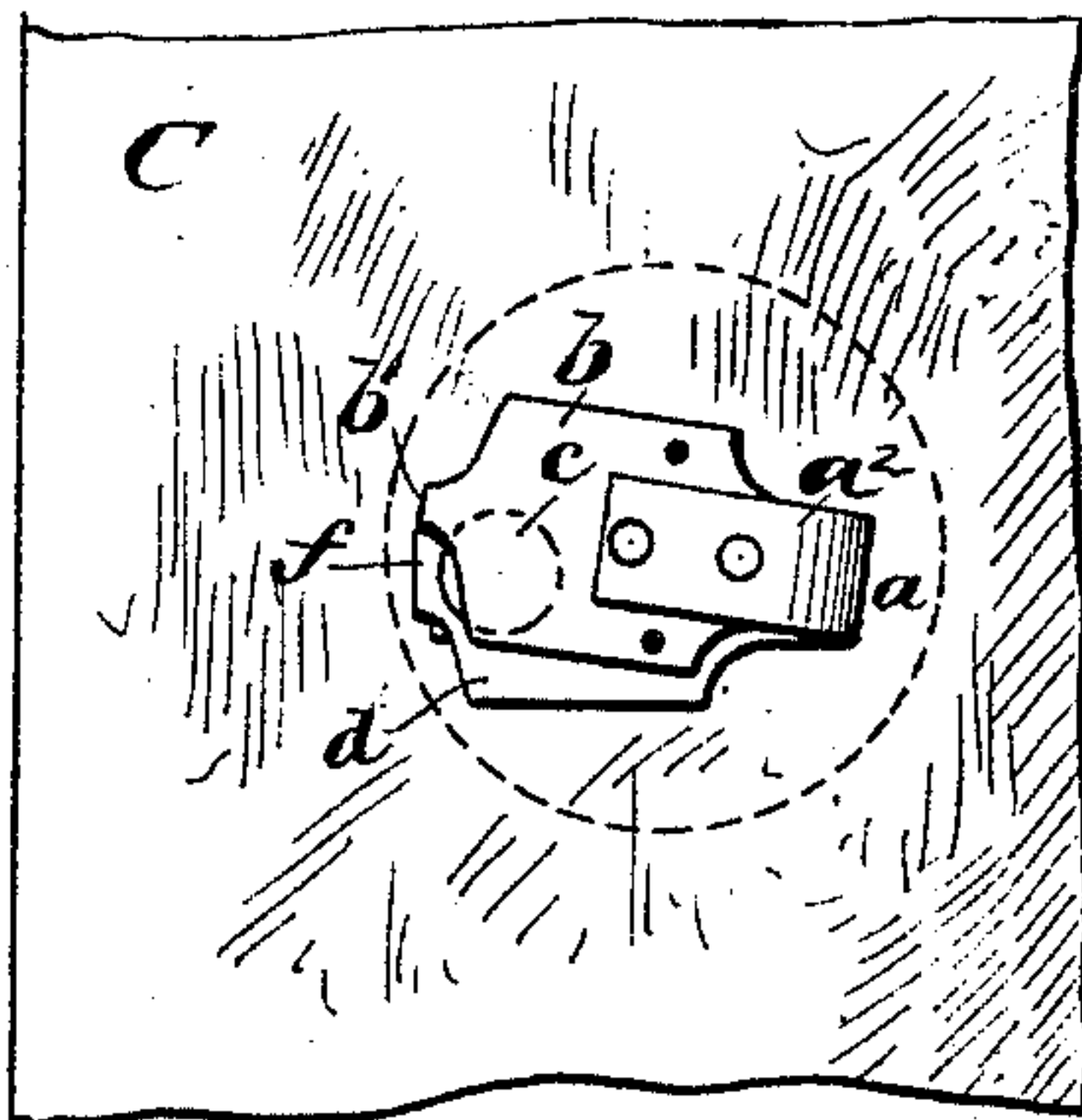


Fig. 3.

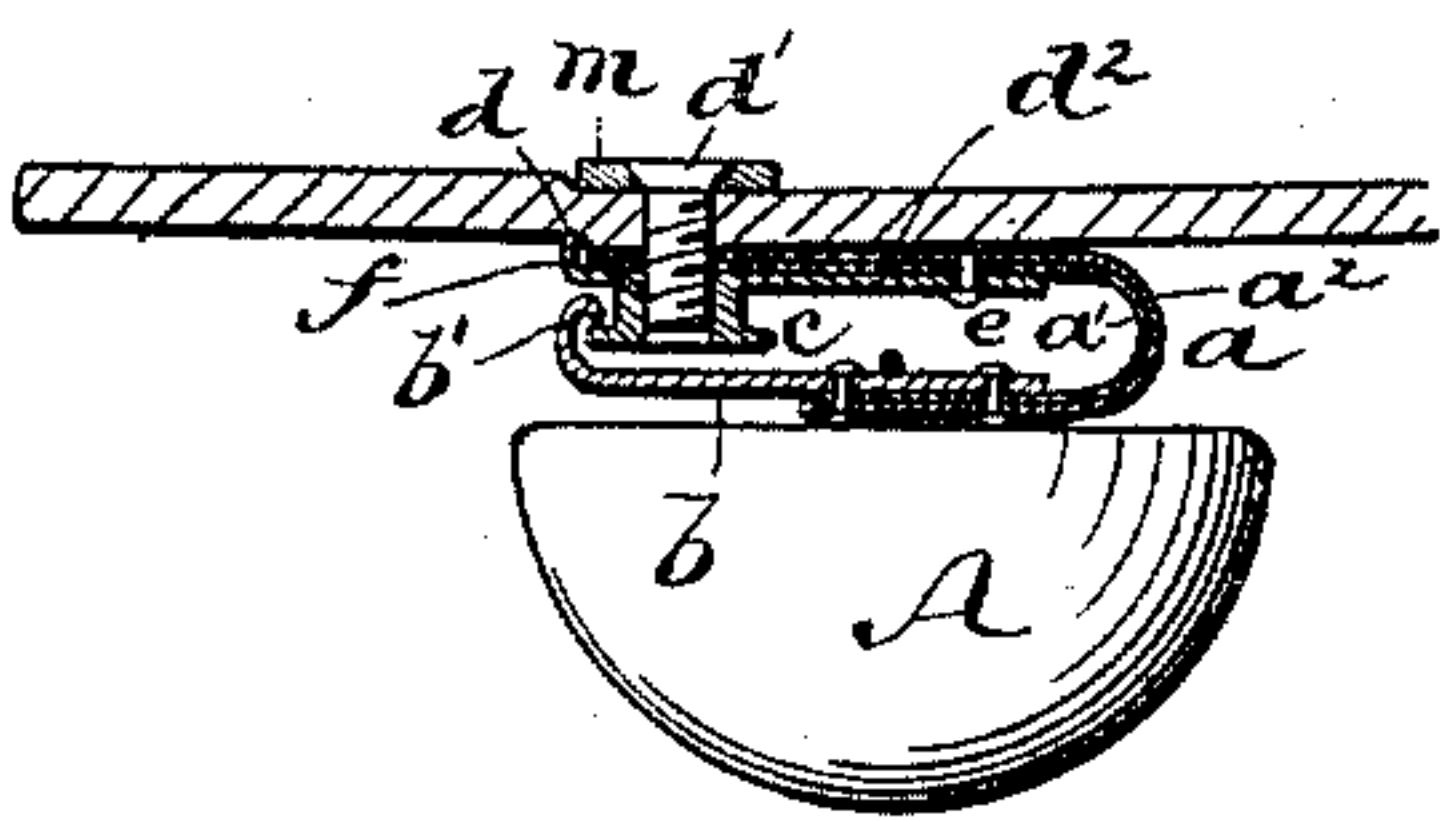


Fig. 4.

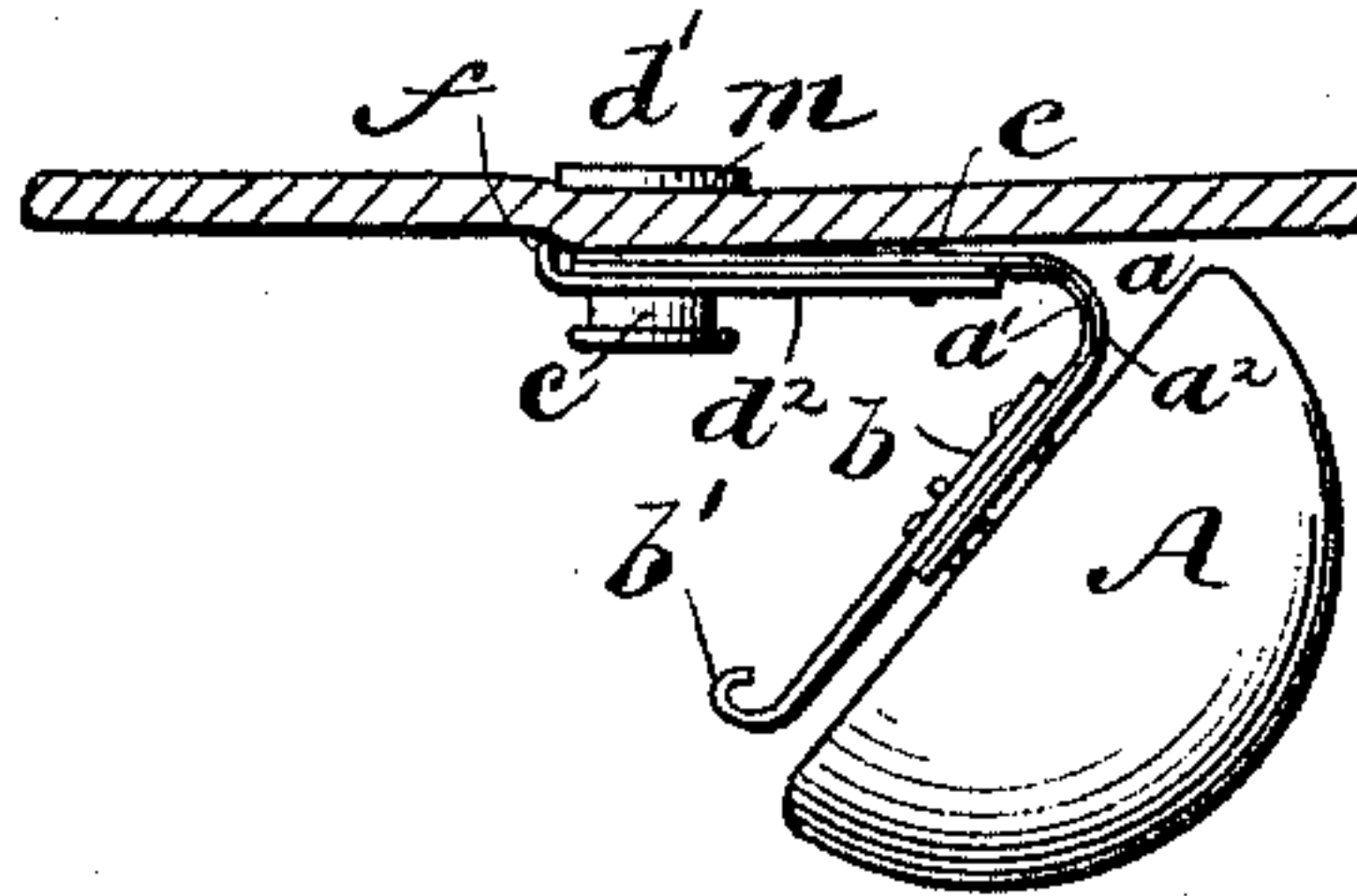
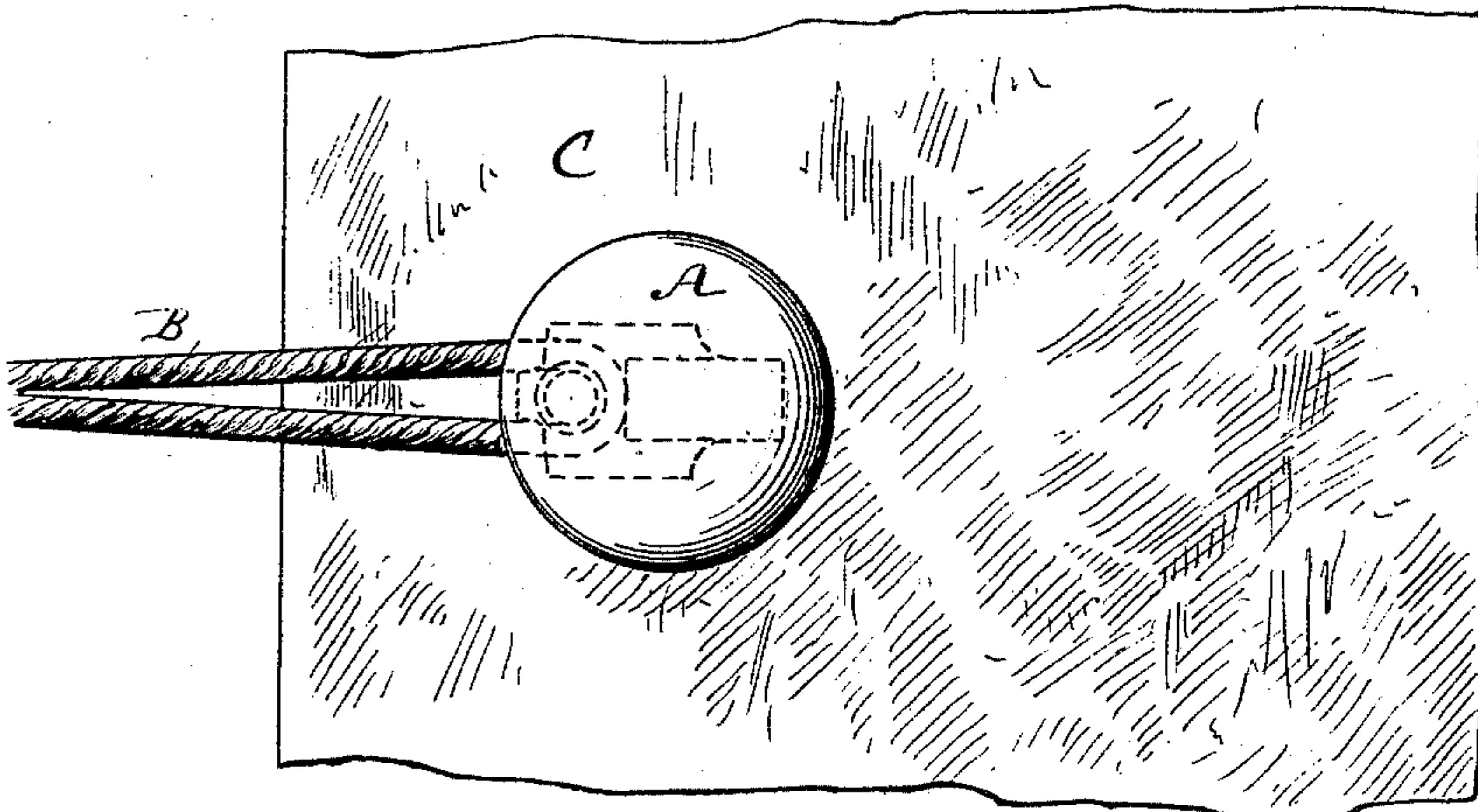


Fig. 5.



WITNESSES:
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Fig. 6.

m' O m

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FRANÇOIS X. LAMBOLEY AND ABRAHAM JACOBSON, OF NEW YORK, N. Y.

BUTTON-CLASP.

SPECIFICATION forming part of Letters Patent No. 462,143, dated October 27, 1891.

Application filed November 3, 1890. Serial No. 370,199. (No model.)

To all whom it may concern:

Be it known that we, FRANÇOIS X. LAMBOLEY and ABRAHAM JACOBSON, of New York city, in the county and State of New York, have invented a new and Improved Button-Clasp, of which the following is a full, clear, and exact description.

The object of our invention is to provide a practical button-clasp designed particularly for attaching buttons to seal-skin garments, though it may be used for other purposes.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the views.

Figure 1 is a front elevation of the clasp shown applied to a piece of fabric, the button being removed from the spring and main plate. Fig. 2 is a similar view showing the method of closing and opening the clasp. Fig. 3 is a sectional elevation on line $x x$ of Fig. 1. Fig. 4 is a side elevation showing the clasp open. Fig. 5 is a front elevation of the button and button-loop, and Fig. 6 is a plan view of the washer.

The invention will first be described in connection with the accompanying drawings, and then pointed out in the claims.

The button A is mounted on a spring a and held thereto by suitable fastenings. Attached to the free end of this spring is also a plate b , which is turned to form a catch b' ; but the spring and plate or the spring and catch might be of a single piece of metal, if desired. The said spring is substantially U-shaped and acts both as a straight and as a torsion spring, the former to open the clasp and the latter to engage the catch b with the stud c by a lateral action or movement. The spring is made of two thin plates $a' a^2$ of steel, placed flat together and secured so that the outer plate re-enforces the inner and prevents either from breaking and enables the spring, as a whole, to be made very delicate.

The stud c forms the button to hold the braid B, and is provided with the threaded socket d to receive the screw d' , by which the clasp is attached to the garment C, and it is by preference made as a part of the plate d^2 , to which the end of the spring is attached by rivets e . A lip or projection f is formed at the outer end of the said plate d^2 , which, when

the screw d' is turned down, is embedded in the fabric and prevents the clasp from turning, and to still further guard against turning we may form a notch m' in the washer m , into which the said projection or lip f will press the fabric when the screw is turned tightly into the screw-socket d .

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

1. A button provided with a clasp consisting in a U-shaped spring, the inner member of which on its inner face is provided with a tubular loop-engaging post having a flange or lip, an inward-projecting catch on the outer member adapted to be sprung under said lip by a torsional strain on the spring, and a fastening screw or pin to pass through the garment or fabric into said tubular post to secure the clasp in place, substantially as set forth.

2. A button provided with a clasp consisting in a U-shaped spring formed of two superposed thin plates $a' a^2$, secured together, a plate d^2 , secured to the inner member of the spring and having on its inner face a tubular internally-threaded post c , having a flange or lip at its end, a securing-screw d' to pass through the fabric or garment into the said post from the outside, and a plate b , secured to the outer member of the spring and having an inward-turned catch b' on its outer end to engage the post-flange laterally by a torsional strain on the spring, substantially as set forth.

3. A button provided with a clasp consisting in the U-shaped spring having the extremity of its inner member bent outward, as at f , and formed on its inner side with a tubular loop-engaging post c , having a flange, an inward-extending catch b' on the extremity of the outer member of the clasp to engage the said post-flange by a torsional strain, the washer m , having a notch m' to register with the projection f , and the screw d' , substantially as set forth.

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Witnesses:

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