

(No Model.)

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

No. 462,143.

Patented Oct. 27, 1891.

Fig. 1.

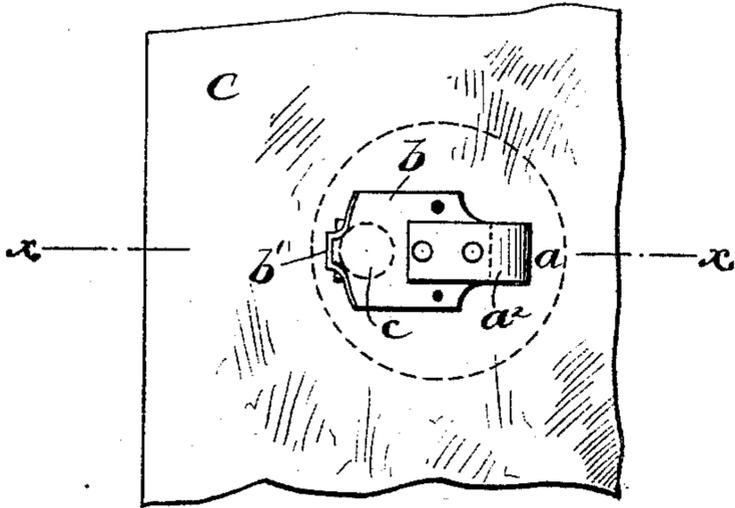


Fig. 2.

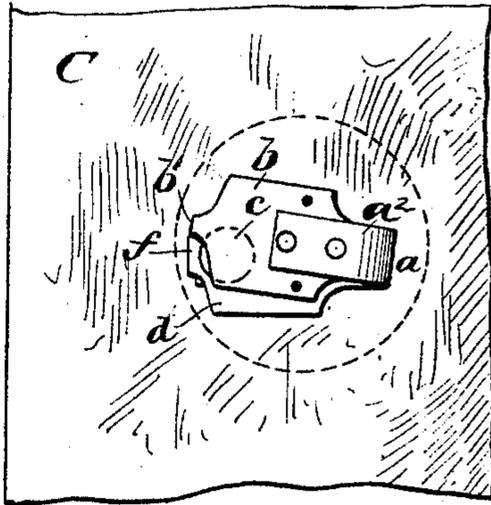


Fig. 3.

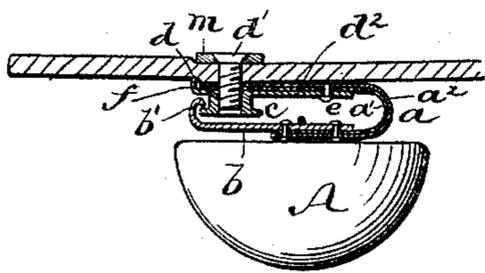


Fig. 4.

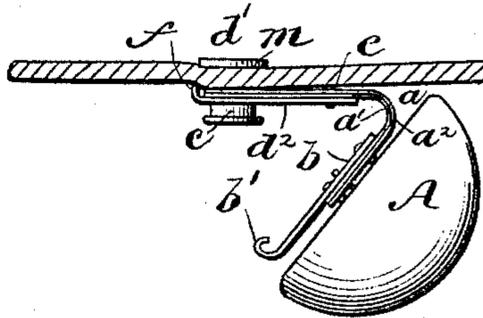
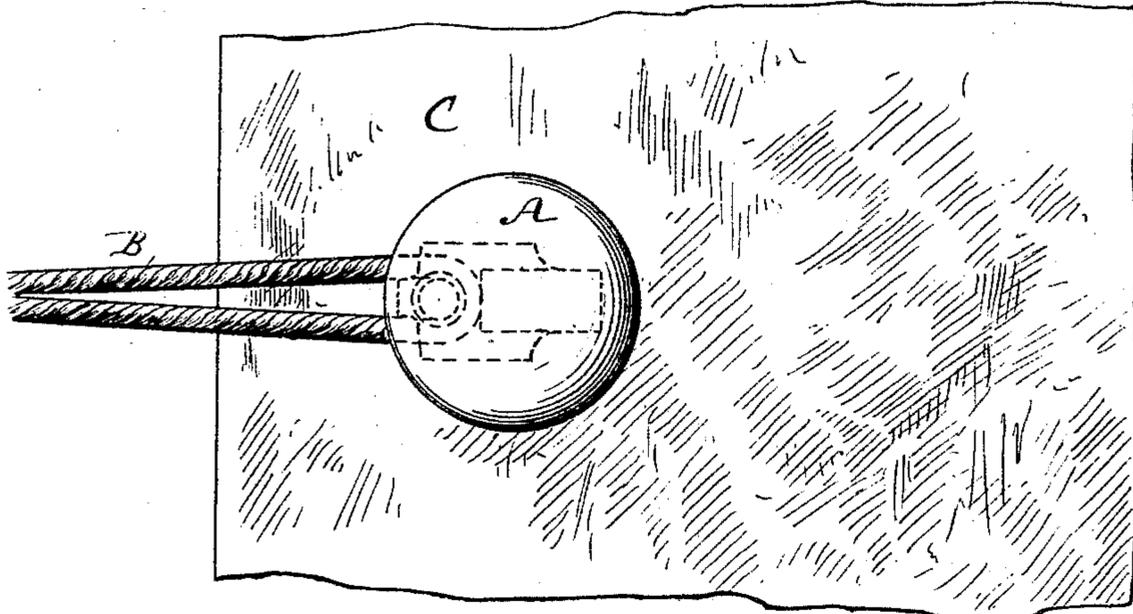


Fig. 5.



WITNESSES:  
*John M. Deemer*  
*C. Sedgwick*

Fig. 6.



INVENTORS:  
*F. X. Lamboley*  
*A. Jacobson*  
BY *Munn & Co.*  
ATTORNEYS

# UNITED STATES PATENT OFFICE.

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.

FRANÇOIS X. LAMBOLEY.  
ABRAHAM JACOBSON.

Witnesses:

HENRY L. GOODWIN,  
C. SEDGWICK.