

No. 659,818.

Patented Oct. 16, 1900.

A. LEBLANC.
GARMENT FASTENER.

(Application filed Dec. 29, 1897. Renewed Feb. 14, 1900.)

(No Model.)

Fig. 1,

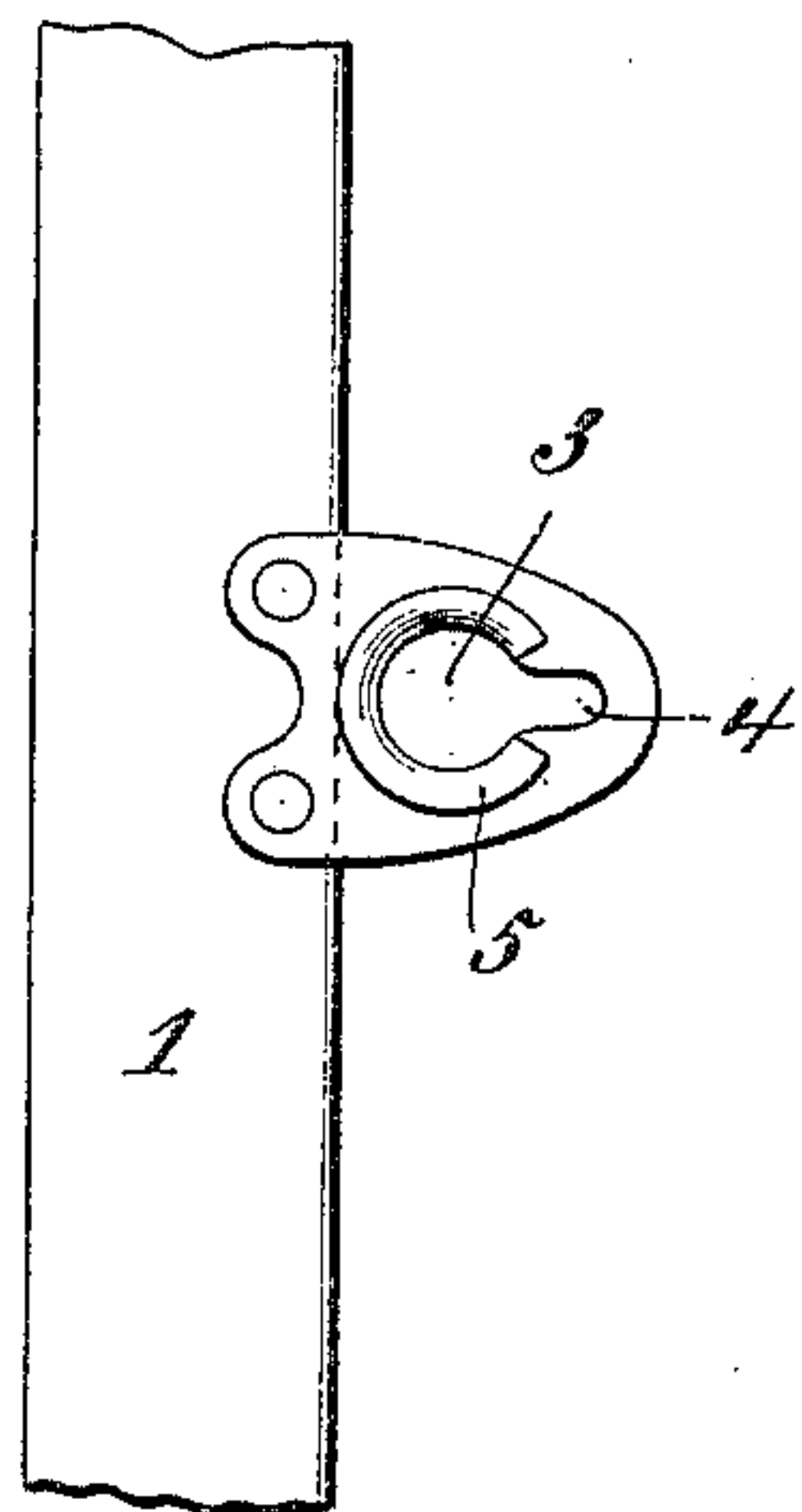


Fig. 2,

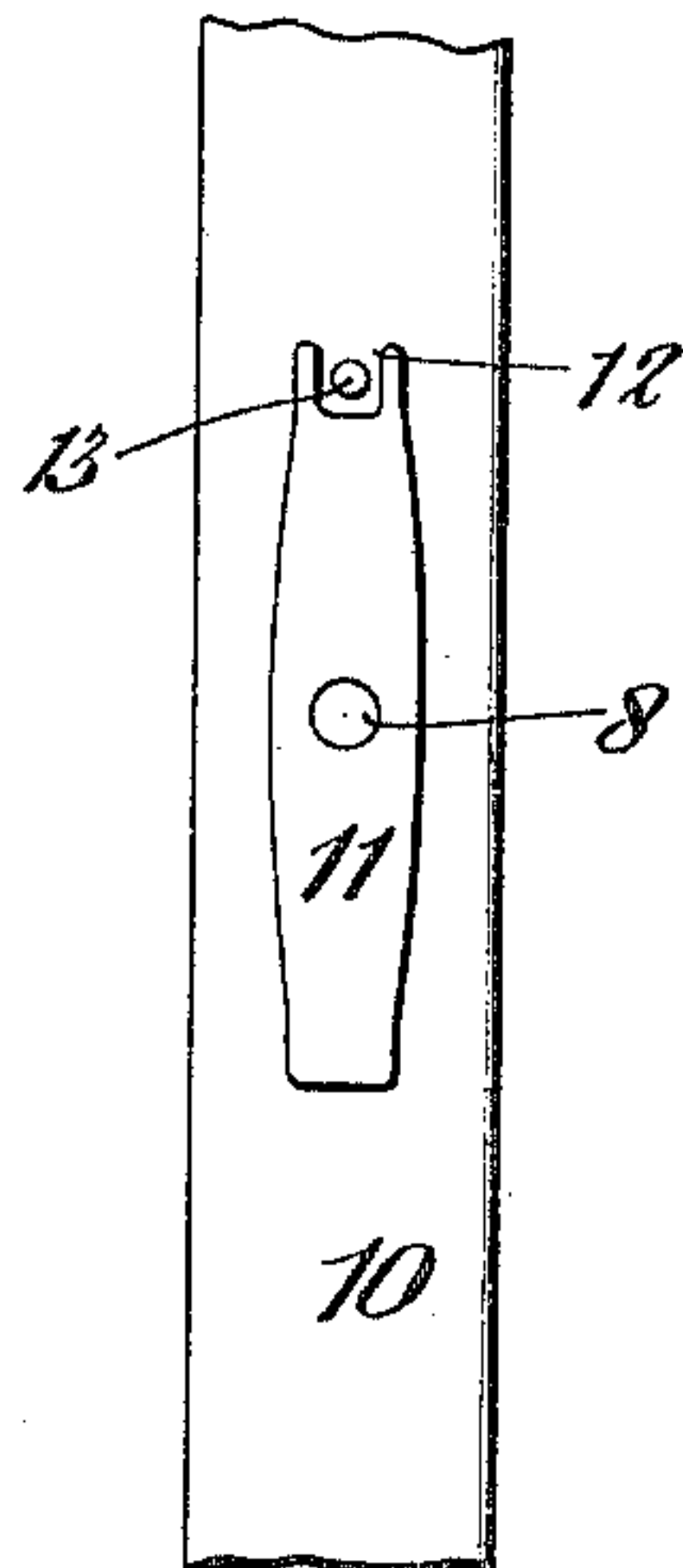


Fig. 3,

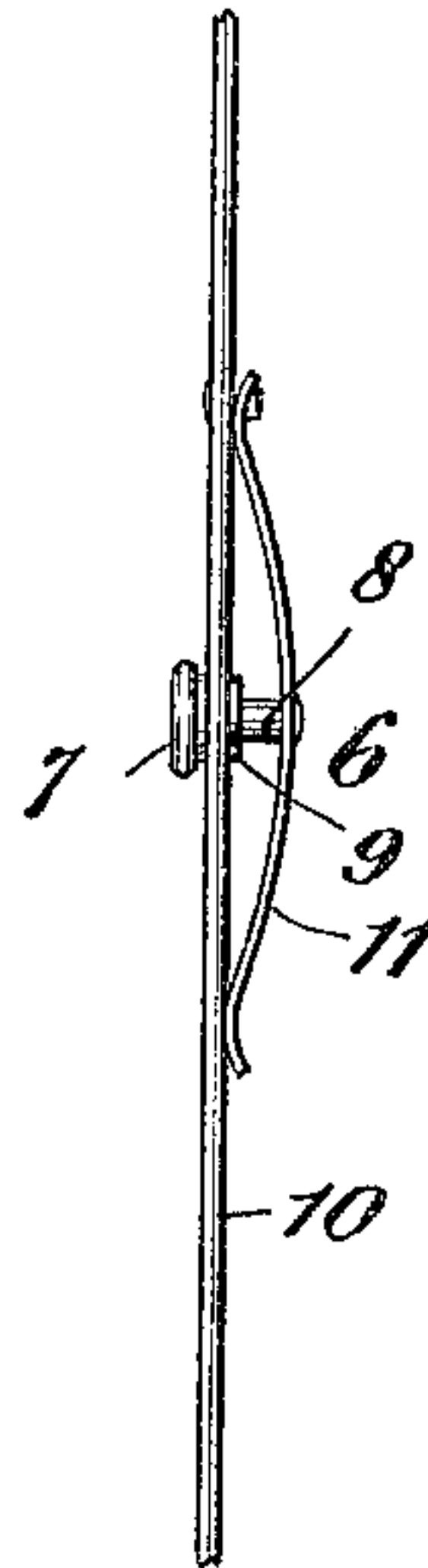


Fig. 4,

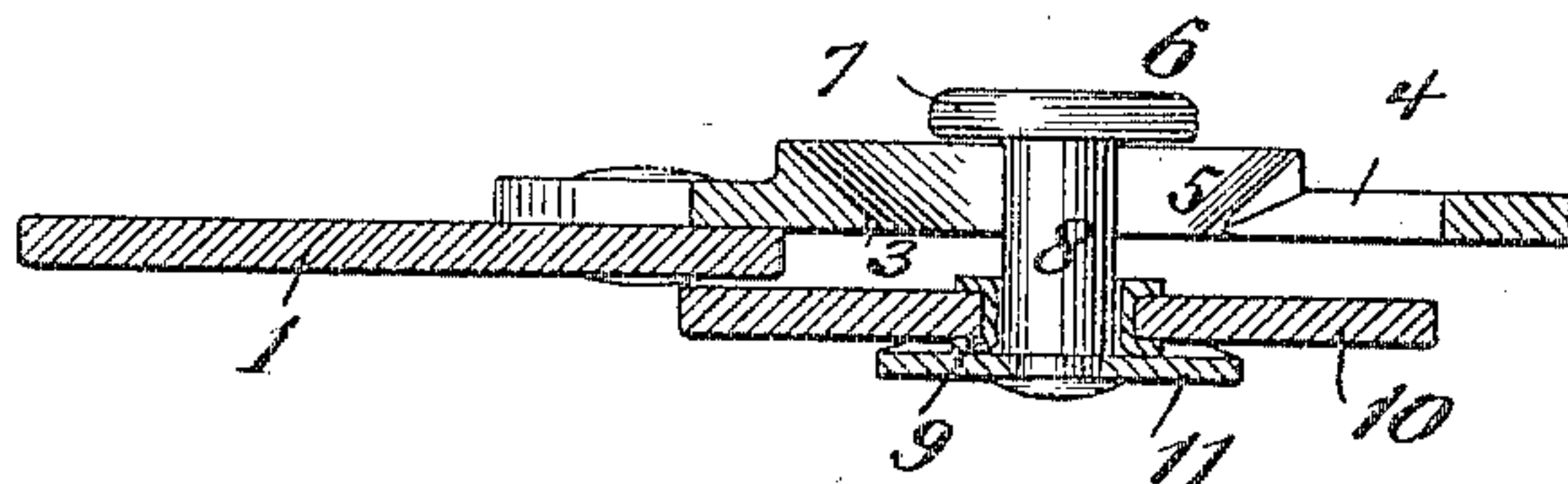
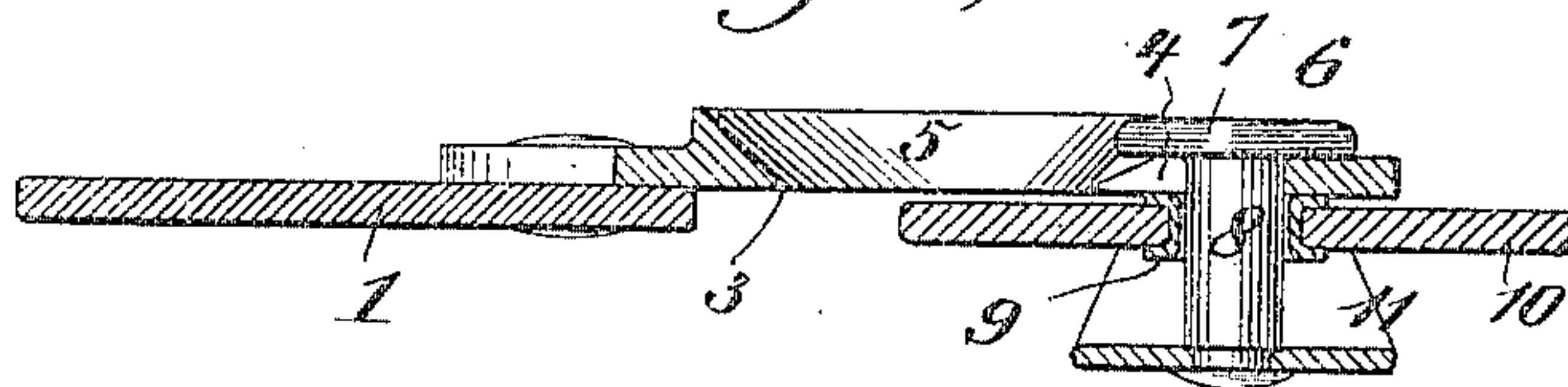


Fig. 5,



WITNESSES:

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ALFREDO LEBLANC, OF STAMFORD, CONNECTICUT.

GARMENT-FASTENER.

SPECIFICATION forming part of Letters Patent No. 659,818, dated October 16, 1900.

Application filed December 29, 1897. Renewed February 14, 1900. Serial No. 5,212. (No model.)

To all whom it may concern:

Be it known that I, ALFREDO LEBLANC, a subject of the King of Spain, and a resident of Stamford, Fairfield county, State of Connecticut, have invented a new and useful Improvement in Garment-Fasteners, (for which I have obtained Letters Patent in Great Britain, No. 20,163, dated September 11, 1896; in France, No. 249,103, dated September 8, 1896, and in Belgium, No. 127,907, dated May 15, 1897,) of which the following is a specification.

The present invention relates to fasteners for garments, and particularly is adapted for use as a fastener for corsets.

One object of the invention is to provide a fastener of improved construction comprising a spring-pressed movable head engaging with an eyelet provided with means for positively holding and locking the head against lateral movement or movement longitudinal to the eyelet.

Also the invention has for its object to provide an eyelet of improved construction whereby the head of the engaging stud is prevented from catching the edge of the eyelet-opening and is readily and easily discharged therefrom in the process of disengagement. These devices are so arranged as to hold the two edges of a corset-opening in abutting engagement, so that the two meeting edges present an even surface without any overlap.

In the drawings I have illustrated a construction embodying my invention, in which—

Figure 1 represents in plan the eyelet or female part of the fastener. Fig. 2 is a similar view showing the rear side of the stud or male portion of the fastener. Fig. 3 is a side elevation of the male or stud portion. Fig. 4 is a view, on an enlarged scale, showing in central vertical section the two parts in partial engagement. Fig. 5 is a view similar to Fig. 4, but showing the parts in locked position.

Like symbols of reference refer to like parts throughout the several views of the drawings.

Referring to the drawings in detail, 1 designates one of the steels of a corset carrying the fastening device, to which is secured the eyelet or female portion. This eyelet is provided with an engaging opening consisting of an enlarged portion 3 of sufficient size to per-

mit of the entrance of the head of the engaging stud and a contracted portion 4. Extending from the edge of the enlarged portion 3 of the opening and around the same to the contracted portion 4 is an outwardly-beveled lip 5.

6 designates the male portion, which consists of a head 7, carried on a spindle or post 8, passing through the bushing 9 in the supporting-steel 10, the end of the spindle being secured to a spring 11, shown in the drawings as consisting of a leaf-spring. This spring is provided with a cut-out 12, in which projects a guiding-pin 13.

In operating the fastener the two parts are brought together and the head 7 and the spindle 8 are caused to project up through the opening 3 of the eyelet, as shown in Fig. 4, by pressing upon the spring 13. The two steels are then drawn apart, so that the spindle 8 enters the neck or contracted portion 4 of the eyelet. The spring being released from pressure, the spindle and head carried on it are drawn down by the spring and the head seated in the neck or contracted portion of the eyelet 4, the lip 5 acting as a lug or set-off portion to positively lock the head 7 in engaging position, as shown in Fig. 5. To disengage the parts, the spring 11 is pressed so as to throw the head 7 above the set-off portion or lip 5. The parts are then pushed in the direction toward each other and the pressure upon the spring 11 released. Upon releasing the pressure on the spring when the head 7 is in the enlarged portion 3 of the eyelet the beveled lip 5 will, acting in conjunction with the spring 13, automatically discharge the head from engagement, there being no shoulder between the edge of the opening 3 and the bevel 5 for the stud 7 to catch upon and retard disengagement.

The advantages of my invention lie principally in the fact that the busks or steels to which the fastening devices are attached when locked cannot of themselves move either laterally or longitudinally. Both busks lie in the same plane, presenting smooth internal and external surfaces, and by reason of the beveled lip on the eyelet portion forming a continuation of the enlarged opening the two parts are very readily disengaged without annoyance. The provision of a bushing

through which the stud works and the spring having a bearing on the busk on each side of the stud is also of advantage, since they give an extended bearing-surface for the stud
5 and keep it in a straight line.

What is claimed as new is—

A two-part corset-fastener, the same consisting of an eyelet portion fastened to one busk of a corset and having an opening of
10 sufficient size to permit of the passage of the head of an engaging stud, said opening having a contracted portion, an outwardly-beveled lip extending from the edge of the enlarged portion and around the same to the contracted portion, said lip extending above the
15 plane of the top of said contracted portion and constituting by its ends an abutment for preventing lateral movement of the head of the engaging stud; in combination with a

headed stud secured to the opposite busk, 20 said stud passing through an opening formed in the busk and being movable in a straight line at right angles to said busk, a spring secured to the base of said stud and bearing upon the busk at opposite sides of the stud, 25 a guide-slot in said spring, a guide-pin projecting from the rear side of the busk and into said slot in the spring, and a bushing in the opening in the busk whereby an extended guiding-surface is provided for the shank of 30 the stud.

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

ALFREDO LEBLANC.

Witnesses:

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