

No. 847,986.

PATENTED MAR. 19, 1907.

F. EGGE.
GARMENT CLASP.
APPLICATION FILED APR. 19, 1906.

Fig. 1.

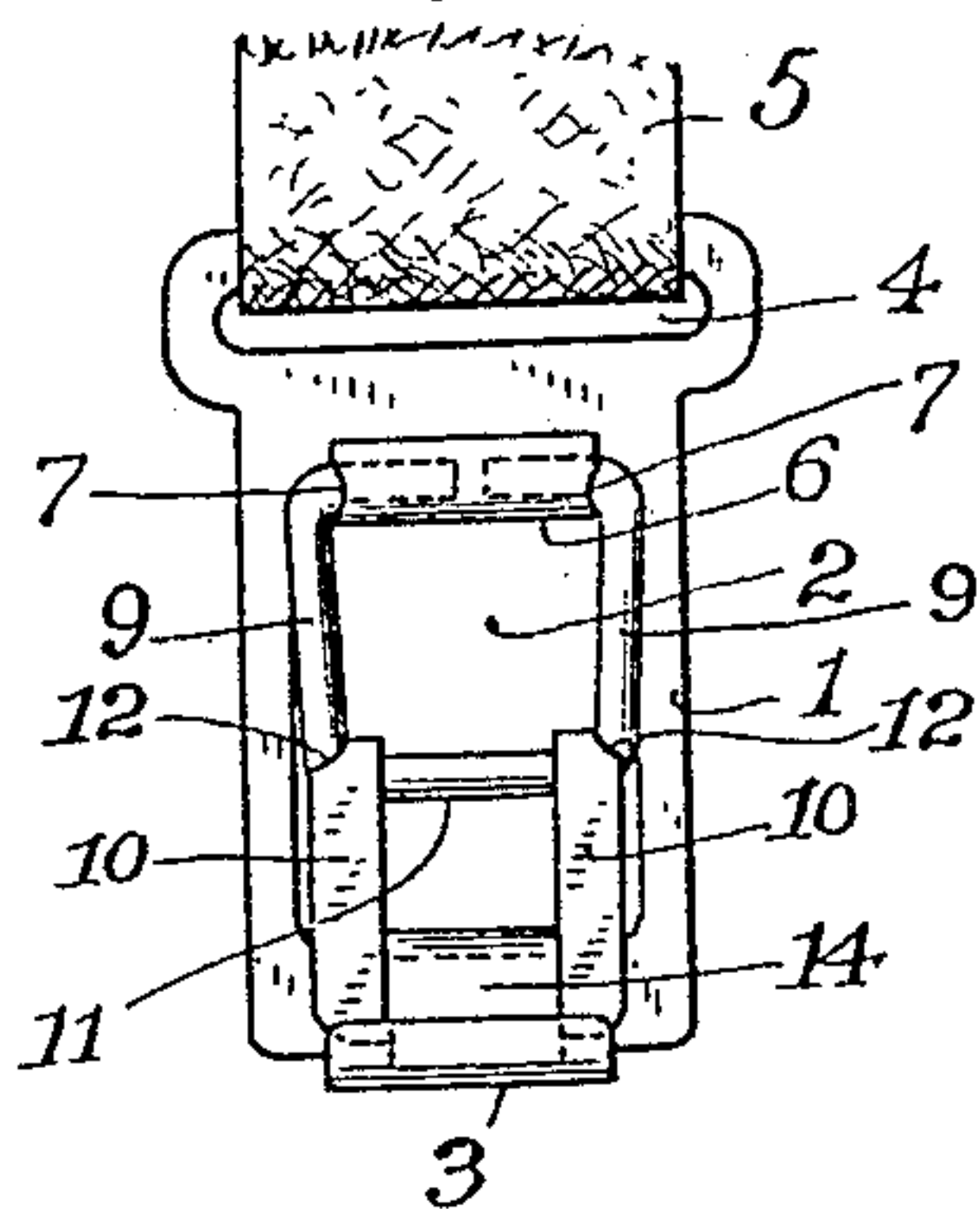


Fig. 2.

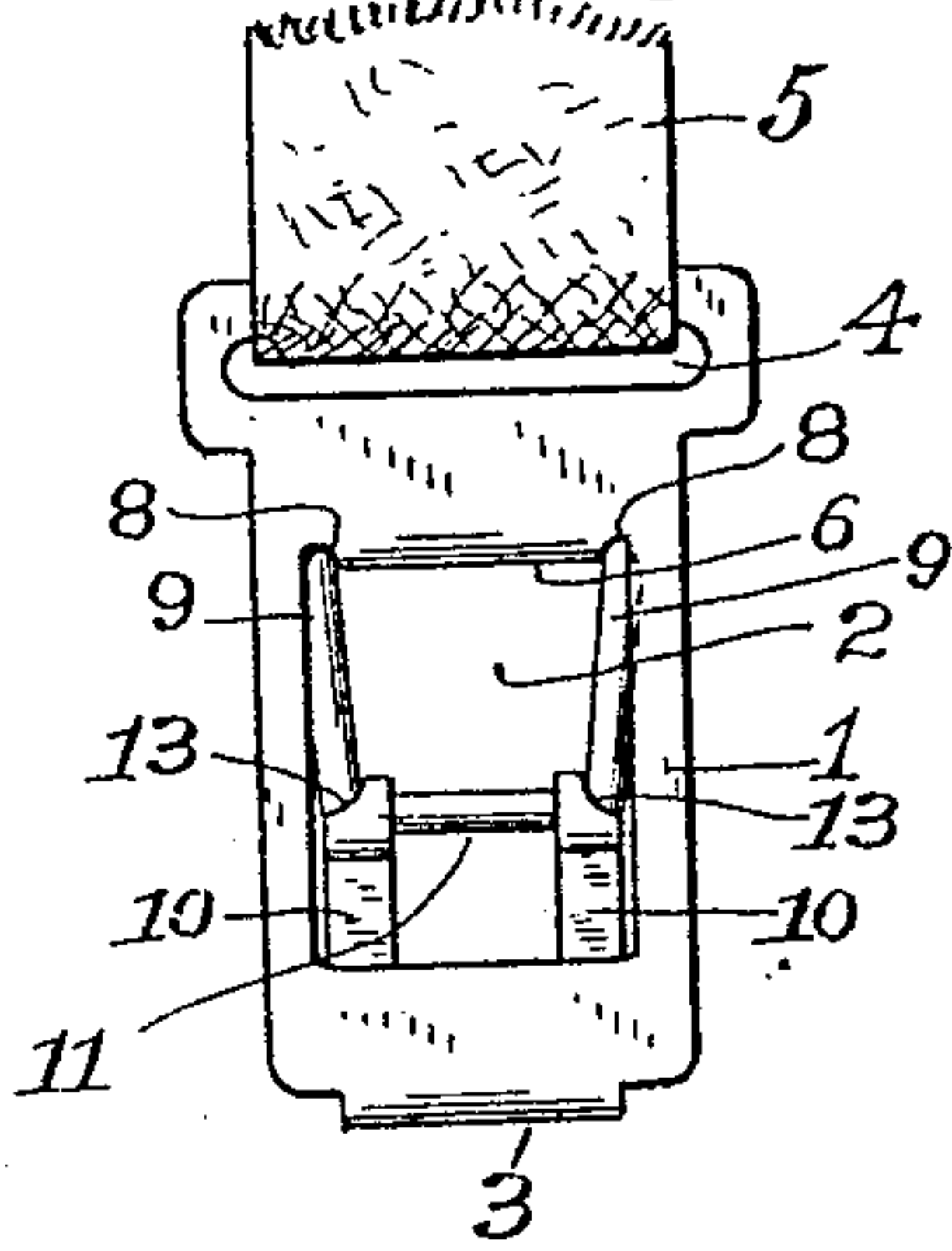


Fig. 3.

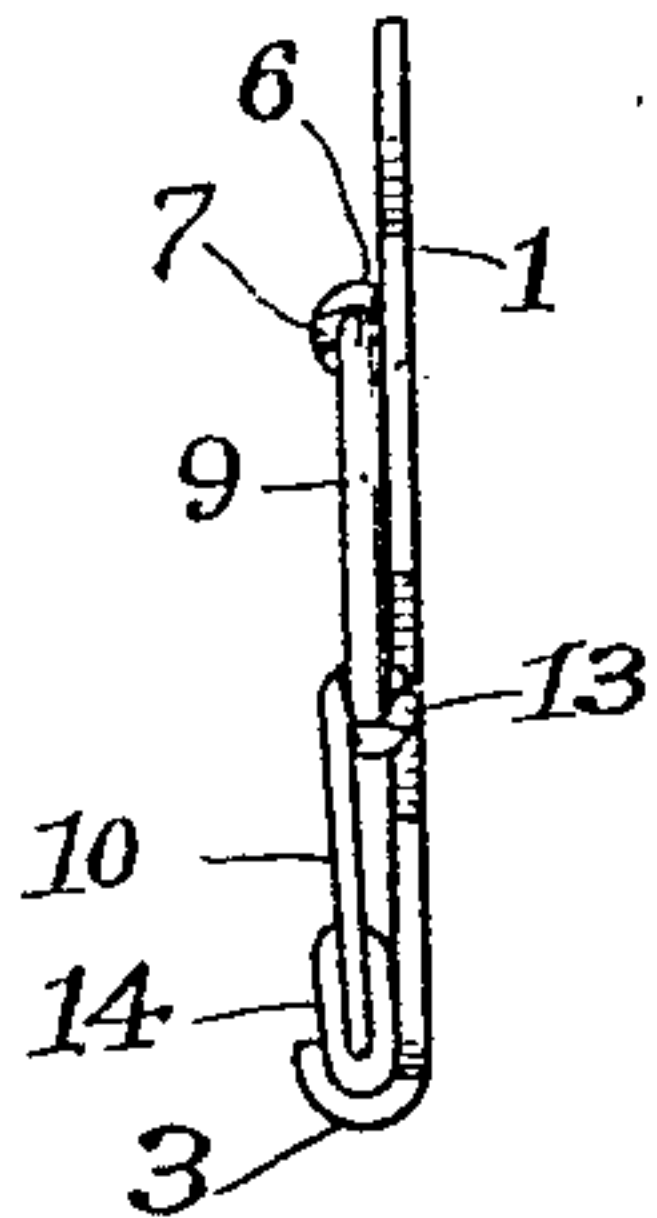


Fig. 4.

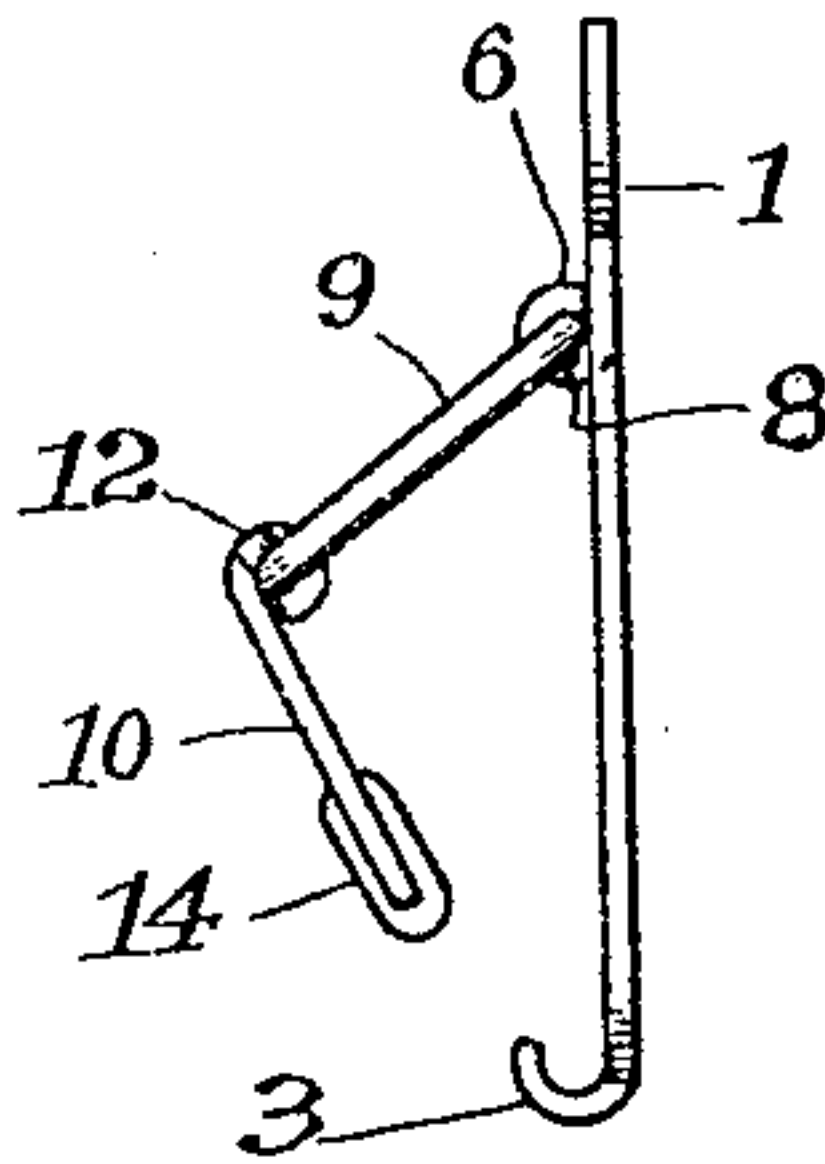
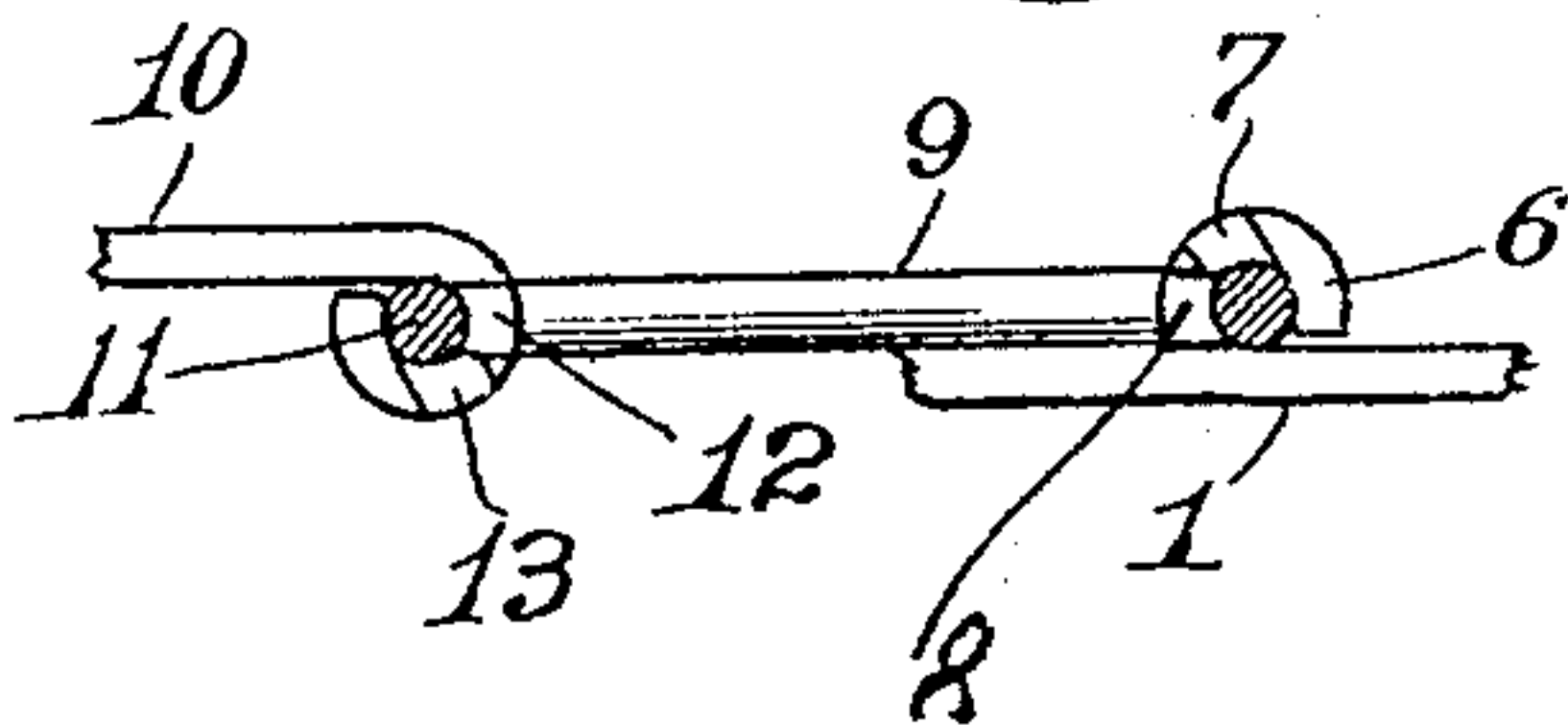


Fig. 5.



WITNESSES

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GARMENT-CLASP.

No. 847,986.

Specification of Letters Patent.

Patented March 19, 1907.

Application filed April 19, 1906. Serial No. 312,585.

To all whom it may concern:

Be it known that I, FREDERICK EGGE, a citizen of the United States, residing at Bridgeport, in the county of Fairfield and State of Connecticut, have invented certain new and useful Improvements in Garment-Clasps; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to garment-clasps, and consists in certain combinations of parts, such as will be hereinafter fully explained and then particularly pointed out in the claims which conclude this application.

In the accompanying drawing, Figure 1 is a plan view of my improved clasp in closed condition; Fig. 2, a bottom view of the same. Fig. 3, a side elevation of the clasp in closed position; Fig. 4, a side elevation of such clasp in open condition, and Fig. 5 a detail broken elevation of the clamping-lever elements.

Similar numbers of reference denote like parts in the several figures of the drawing.

1 is a base-plate cut away so as to provide an opening 2 throughout its central portion and provided with an upturned hook 3 at its forward end, the rear end of said plate being slotted, as shown at 4, whereby any suitable webbing 5 may be secured thereto. At the rear of the opening 2 the stock of the base-plate is curled around, so as to provide a housing 6, and in the ends of this housing are formed V-shaped upper notches 7 and V-shaped lower notches 8. The clamping-lever is composed of toggle-jointed elements, one a rectangular wire frame 9, whose ends extend within the housing 6 to afford a rear pivotal connection, and the other a U-shaped frame 10, whose ends are curled around the front cross-bar portion 11 of the frame 9 and are provided with upper V-shaped notches 12 and lower V-shaped notches 13 on their outside edges, while the closed end of this U-frame is preferably surrounded by rubber, as shown at 14.

The normal position of the parts is shown at Fig. 4, the rear wire frame 9 being elevated and confined within the upper notches 7, while the front frame 10 is depressed and held in this position by the engagement of the front portion of the frame 9 with the lower notches 13. When the toggle-jointed clamping-lever is depressed, the forward extremity,

which is preferably covered with the rubber, will be forced against the base-plate 1 and a continued depression of the clamping-lever will straighten out the elements thereof, so that the forward end will be projected snugly against the hook portion 3 and will be confined thereby, and in this depressed or closed condition of these elements the rear part of the frame 9 will be confined within the lower notches 8, while the front part of said frame will be confined within the upper notches 12. The frame 9 at its resilient end coacts with the notches 7 and 8 and the frame 10 at its resilient open end coacts with the notches 12 and 13, and when the parts are in the position shown at Fig. 3, a pressure brought to bear against the bottom of the clamping-lever through the opening 2 will cause the elements of said lever to assume the position shown at Fig. 4 with a spring action, which latter is due to the fact that the side bars of the rear frame 9 will yield resiliently to the cam action of the side walls of the lower notches 8 while said bars are passing from the latter notches into the upper notches 7, while at the same time the rear portion of the frame 10 will also yield resiliently when the forward portion of the frame 9 is being swung against the side walls of the upper notches 12 into the lower notches 13. In throwing the parts into closed or clamping position it is merely necessary to depress the clamping-lever until the frames 9 and 10 straighten out in practically the same horizontal plane, and in this position the forward and rear parts of the frame 9 will be locked respectively within the notches 12 and 8.

Referring to Fig. 5 of the drawings, I have shown a side elevation of the toggle-jointed clamping-lever with the side bar of the rear frame sectioned away and the base-plate 1 and frame 10 broken away, so as to clearly show the upper and lower notches 7 8 in the housing 6 and the upper and lower notches 12 13 in the frame 10, which have been hereinbefore referred to, and in this figure the elements of the clamping-lever are shown in their straightened-out or depressed condition.

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

1. The herein-described garment-clasp, which consists of a base-plate having a hook rising from its forward end and open throughout its central portion and provided with a housing at the rear of said opening, and a

toggle-jointed clamping-lever having its rear end pivoted within said housing and operated at its pivotal points with a spring action.

2. In a garment-clasp, the combination of
5 the base-plate having a hook rising from its forward end and open at its central portion and provided at the rear of said opening with a housing in whose side edges are formed upper and lower V-shaped notches, the resilient
10 rectangular wire frame whose ends extend within said housing and whose side bars engage with said notches when the frame is elevated and depressed, and the U-shaped frame whose ends are curled around the front

bar of said rectangular frame and are provided with upper and lower V-shaped notches in their side edges with which notches the side bars of said rectangular frame engage when the U-shaped frame is moved upward or downward around its pivotal connection with said front bar. 15 20

In testimony whereof I affix my signature in presence of two witnesses.

FREDERICK EGGE.

Witnesses:

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