

(No Model.)

B. BERNSTEIN.  
CORSET FASTENING.

No. 451,020.

Patented Apr. 28, 1891.

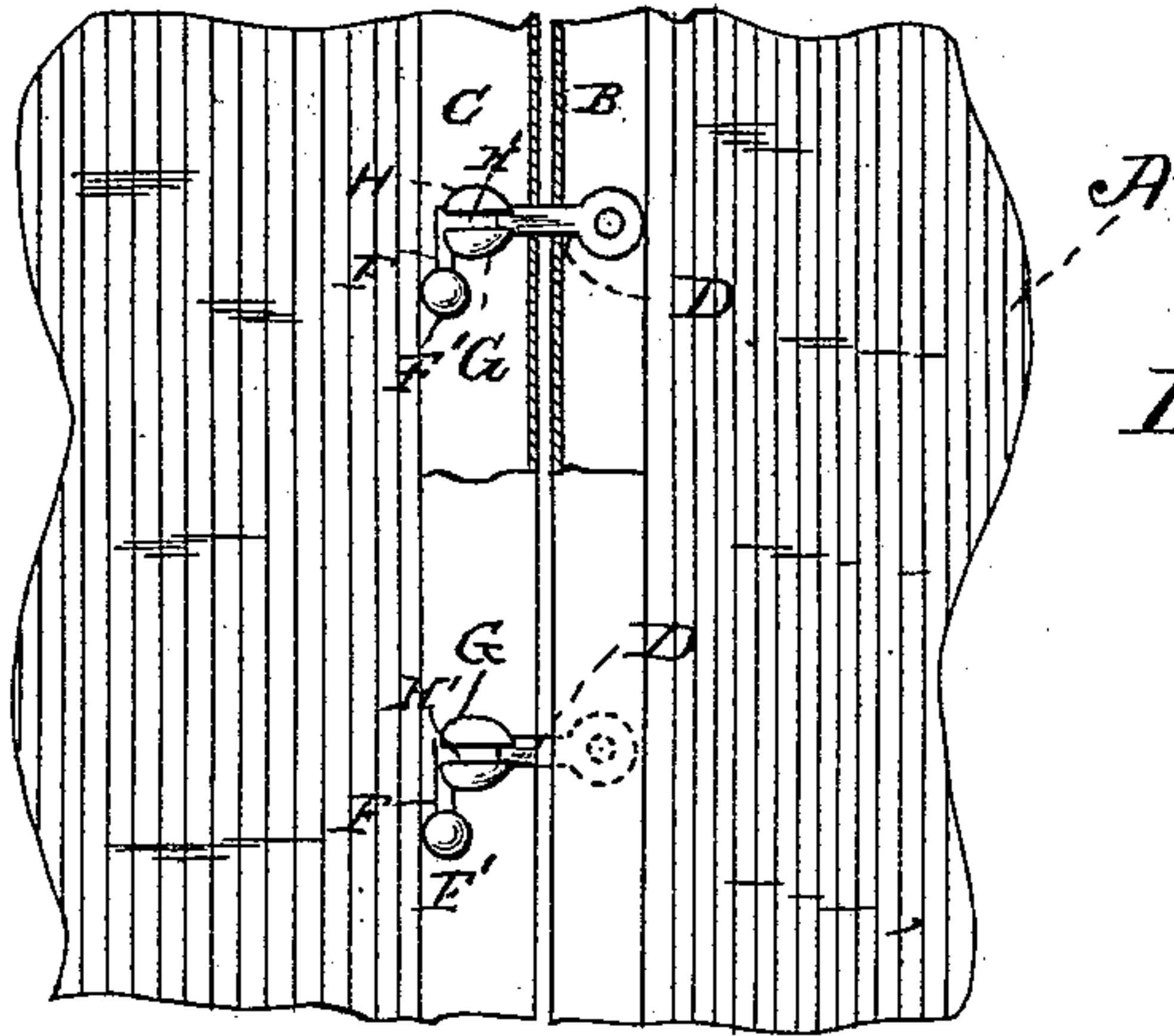


Fig. 1.

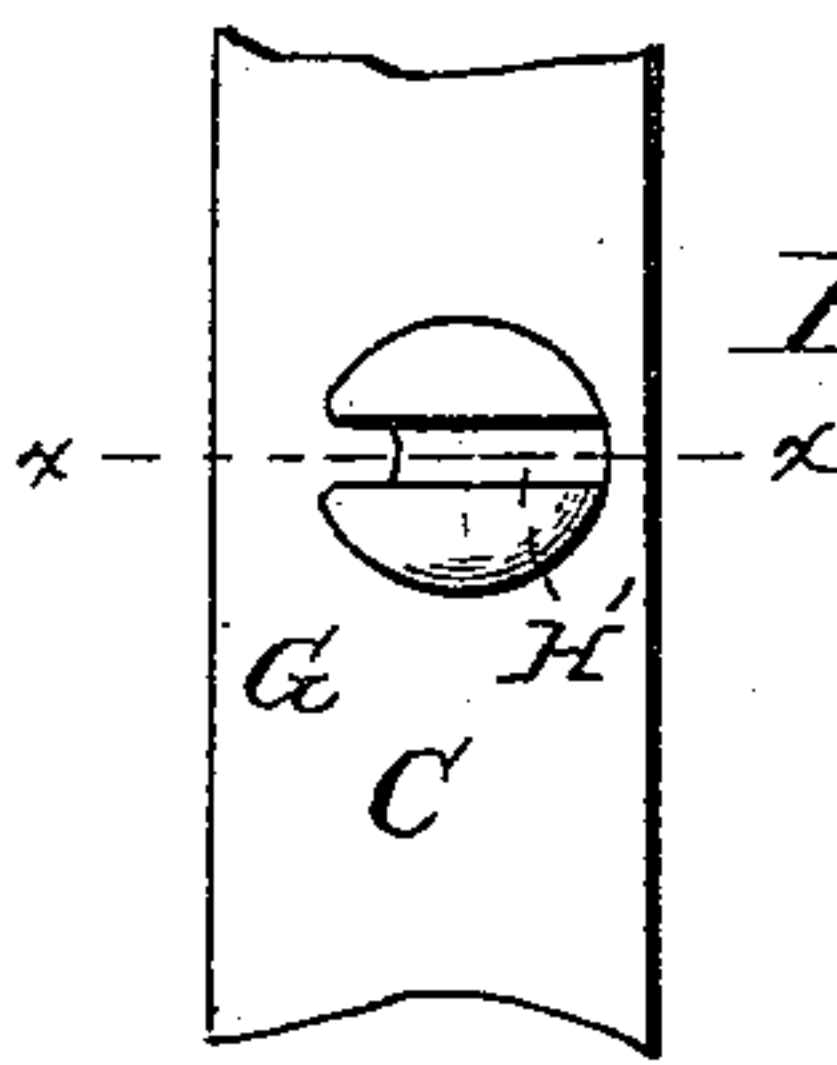


Fig. 2.

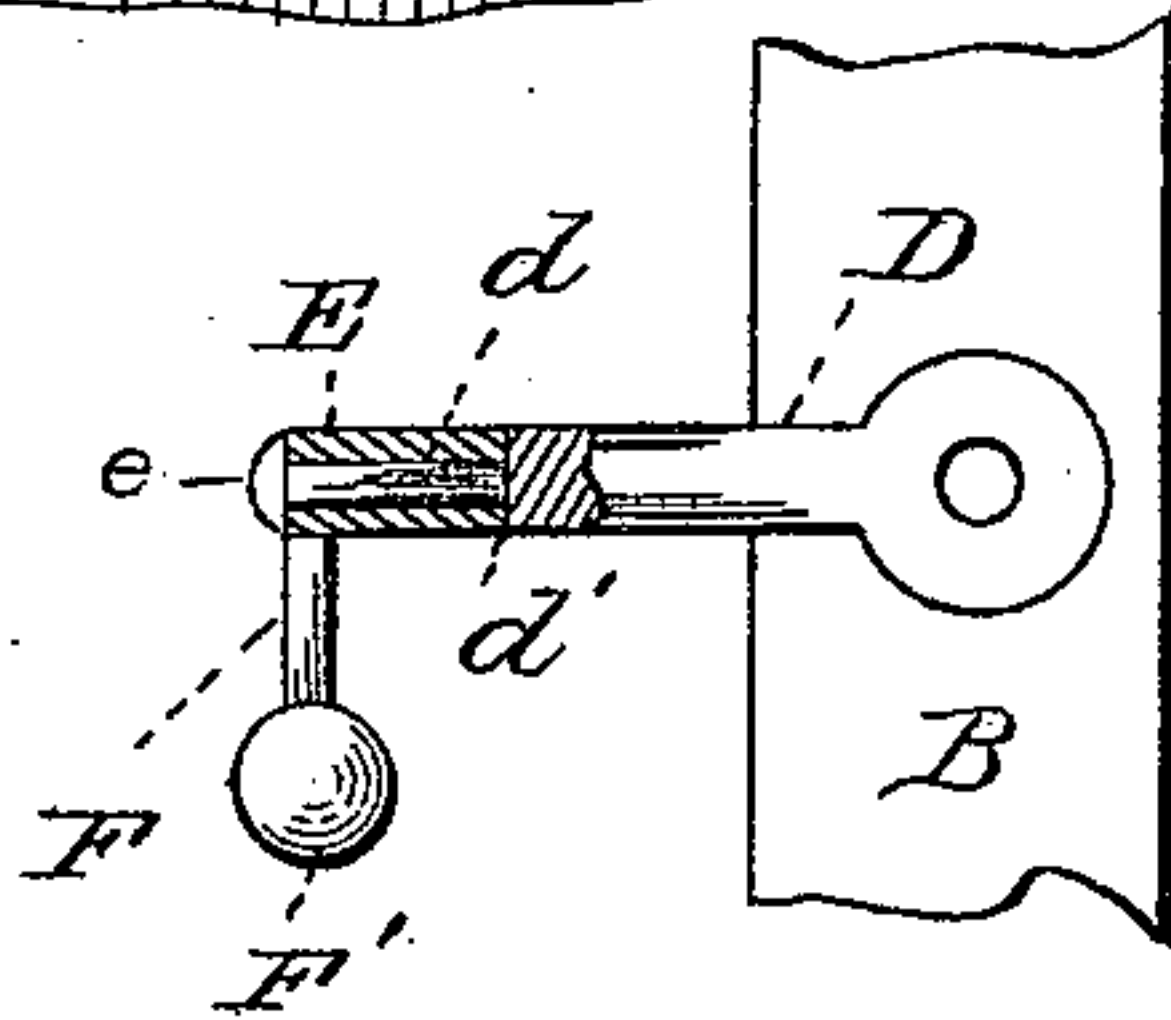


Fig. 3.

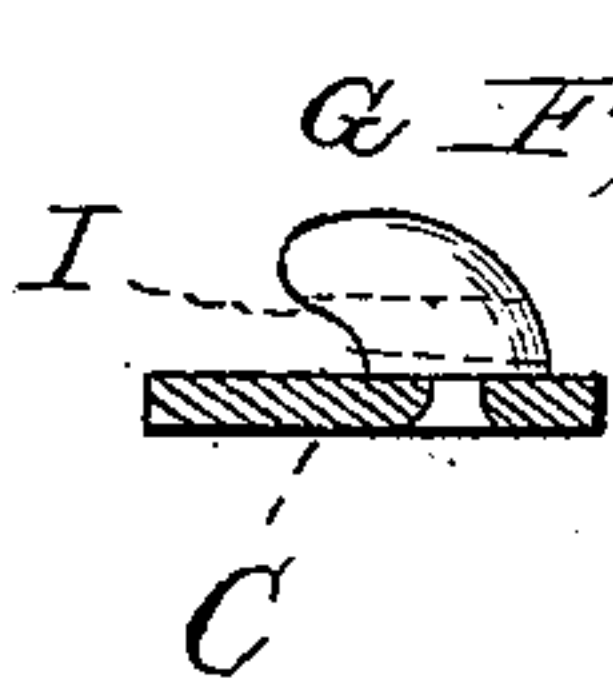


Fig. 4.

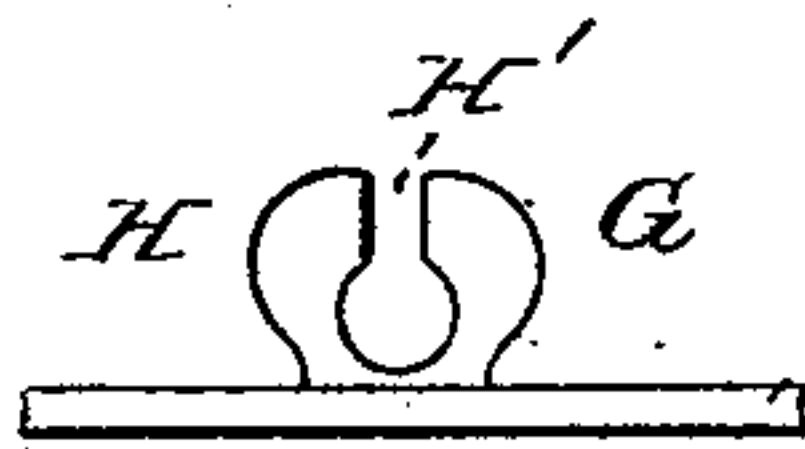


Fig. 5.

Fig. 6.

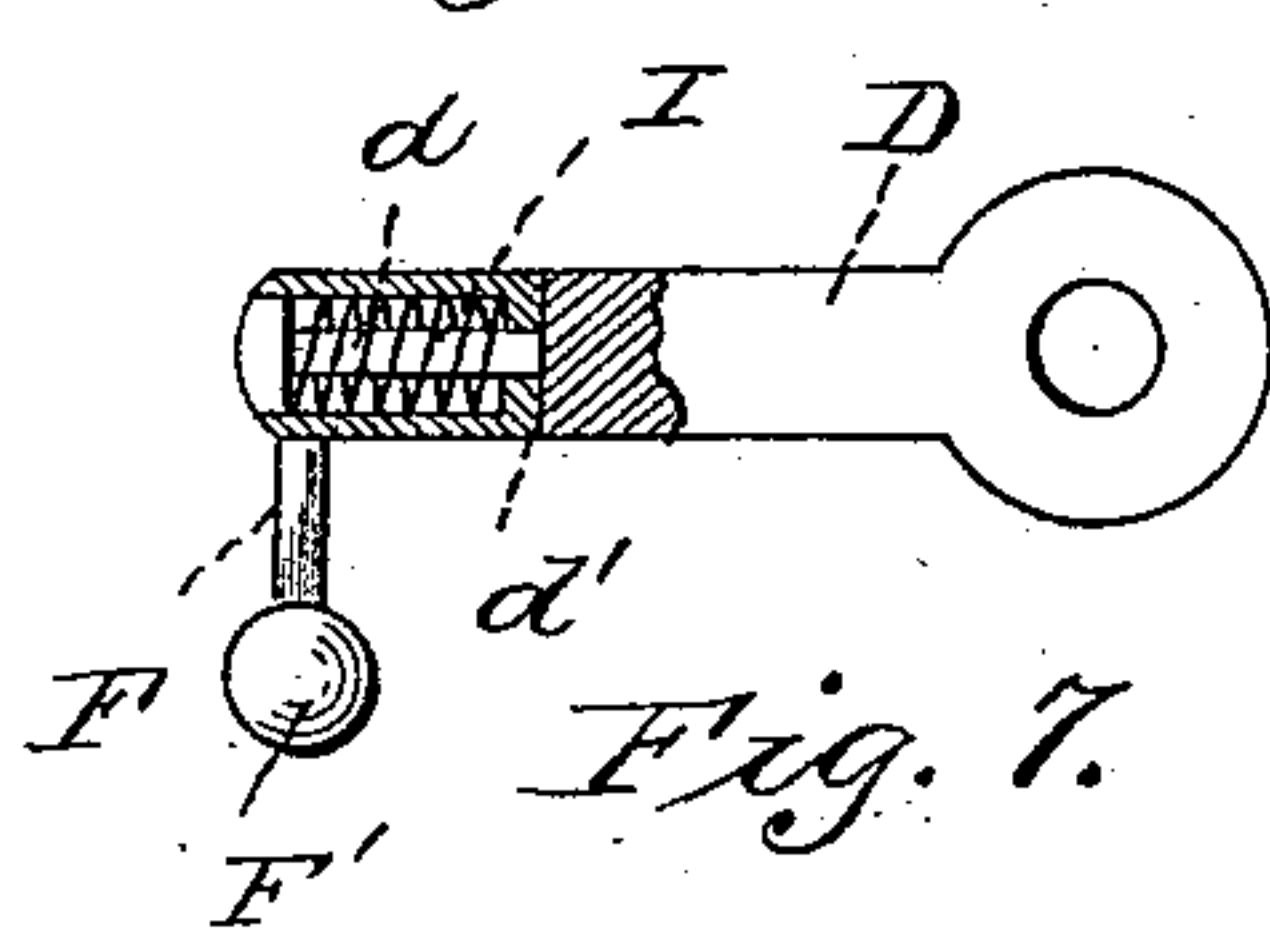


Fig. 7.

Witnesses:

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# UNITED STATES PATENT OFFICE.

BENNY BERNSTEIN, OF NEW YORK, N. Y.

## CORSET-FASTENING.

SPECIFICATION forming part of Letters Patent No. 451,020, dated April 28, 1891.

Application filed August 20, 1890. Serial No. 362,468. (No model.)

*To all whom it may concern:*

Be it known that I, BENNY BERNSTEIN, a citizen of the United States, residing at New York city, in the county of New York and State of New York, have invented certain new and useful Improvements in Fastenings for Shoes, Corsets, Gloves, &c.; and I do 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 has relation to a fastener; and it consists in the construction and novel arrangement of parts, as and for the purposes as will be hereinafter more fully described, illustrated in the accompanying drawings, and forming the subject-matter of the appended claims.

The object of my invention is to provide a simple, inexpensive, and secure automatic fastener for use on corsets, gloves, shoes, &c., that may be readily and easily manipulated, and in which the parts are so arranged that there is no danger of their working loose or accidentally becoming unfastened.

In the drawings, Figure 1 is a plan view of a portion of the adjoining edges of a corset having my improved fastener attached thereto; Fig. 2, a detail view of the keeper; Fig. 3, a detail view, in partial section, of the catch-bar; Fig. 4, a detail side view of the keeper; Fig. 5, a section of keeper on the line *x x*, Fig. 2; Fig. 6, an end view of the keeper; Fig. 7, a detail view, in partial section, of the catch-bar, showing the swivel end thereof as supplied with a spring.

Referring to the accompanying drawings, forming a part hereof, and in which like letters of reference indicate corresponding parts in all the figures, the letter A designates so much of a corset as will suffice to illustrate the application of my improved fastener, having formed along its edges pockets in which stays B C are confined in the usual manner, and to which my improved fasteners, hereinafter described, are secured.

At suitable and regular intervals on the stay B, riveted or otherwise secured, are bars D, provided at their outer ends with a reduced portion *d*, forming an annular shoulder *d'*.

The letter E designates a sleeve snugly fit-

ting the reduced portion *d* of the bar D and permitted to turn freely thereon. One end of the sleeve E abuts against the shoulder *d'* of the bar D, and is confined on the reduced portion thereof by upsetting the end of said reduced portion, as shown at *e*, Fig. 3. Dependent from the sleeve E and at right angles thereto is an arm F, having secured at its outer or free end a ball F' for a purpose presently explained.

At intervals upon the stay C corresponding in position to those on the stay B are riveted or otherwise secured keepers G, which have a general rounded or button-headed configuration or shape and with shank H, by which it is secured to the stay C by rivet, as in Fig. 4, or said keeper may form part of a small plate, and said plate secured to the stay, and formed diametrically in said keeper is a slot H', the bottom of which is preferably made larger than the top, as shown in Fig. 6, and of a shape and size to correspond with the bar D, while the width of the slot at its upper part is of a size to permit the arm F to freely pass through.

In order that the arm F, carrying the ball-weight F' at its end, may not accidentally turn in the keeper and allow the fastener to separate, the keepers G are at their rear portion recessed, as at I, forming a shoulder, under which the arm F rests when the catch-bar is in its keeper, and prevents said arm from becoming accidentally disengaged, and the front edges of said keepers are so upwardly and rearwardly inclined and beveled, as shown in Figs. 4 and 5, that when the bar is presented to the keeper to effect a fastening the arm F will be automatically directed in a vertical position and enter the slot of the keeper.

While I have shown my fastener attached to a corset, it will be readily understood that it is equally well adapted for gloves, shoes, and various other articles, and, as shown in Fig. 7, a slight longitudinal movement may be given to the arm F relative to the bar D, and a spring I employed to react the parts.

To use my fastener as attached to a corset, shoe, glove, or other article, by directing the end of the catch-bar in the end of the slot H' the arm F will, owing to the rounded surface of the keeper, be caused to turn and assume



a horizontal position and enter the slot. As soon as the arm passes through the slot it will, owing to the ball-weight on its end, drop parallel to the stays and engage beneath the curved shoulder at the rear of the keeper.

I do not desire to confine myself to the precise details of construction herein shown and described, as many minor changes may be made without departing from the spirit of my invention; but

What I claim, and desire to secure by Letters Patent, is—

1. In a fastening of the nature described, the combination, with the keeper provided with a diametric slot the bottom of which is larger than the top, of a fixed catch-bar having a pivoted arm at right angles to the bar, said bar and arm adapted to enter the slot of the keeper and the arm automatically engage said keeper, substantially as specified.

2. In a fastening of the nature described, the combination, with the keeper provided with a diametric slot the bottom of which is larger than the top, of a fixed catch-bar provided with a pivoted arm at right angles to the bar having a ball-weight, said bar and arm adapted to enter the slot of the keeper and the arm automatically engage said keeper, substantially as specified.

3. In a fastening of the nature described, the combination, with the keeper provided

with a diametric slot and at one end with a shoulder, of a fixed catch-bar having a pivoted arm at right angles to the bar carrying ball-weight, said bar and arm adapted to enter the slot of the keeper and the arm automatically engage the shoulder of said keeper, for the purposes specified.

4. In a fastening of the nature described, the combination, with the keeper provided with a diametric slot and a shoulder, of a fixed catch-bar provided with a sleeve having secured to it an arm carrying a weight, said arm adapted to turn and engage the shoulder on the keeper, for the purpose set forth.

5. In a fastening of the nature described, the combination, with the keeper provided with a diametric slot the bottom of which is larger than the top, of a fixed catch-bar having a pivoted arm at right angles to the bar, said bar and arm adapted to enter the slot of the keeper and the arm automatically engage the keeper, and a spring for reacting the parts, substantially as specified.

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

BENNY BERNSTEIN.

Witnesses:

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HARVEY S. W. DE GAW.