

(No Model.)

C. H. CROSSETTE,
CLASP.

No. 420,041.

Patented Jan. 28, 1890.

Fig. 2.

Fig. 1.

Fig. 4.

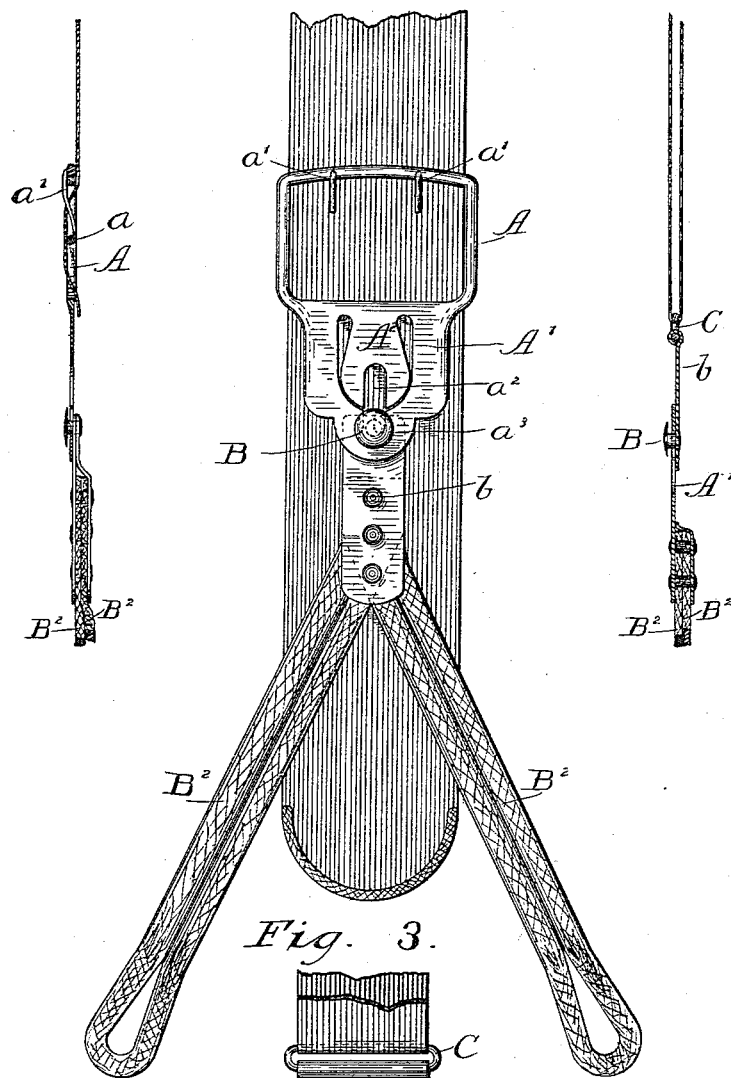
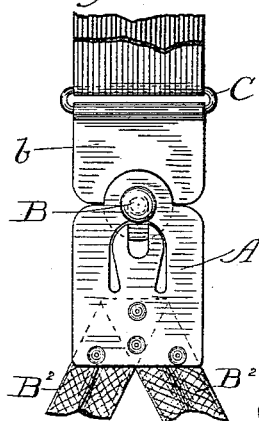


Fig. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

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CLASP.

SPECIFICATION forming part of Letters Patent No. 420,041, dated January 28, 1890.

Application filed July 27, 1889. Serial No. 318,807. (No model.)

To all whom it may concern:

Be it known that I, CHARLES H. CROSSETTE, a citizen of the United States, residing at Hinsdale, in the county of Du Page and State of Illinois, have invented certain new and useful Improvements in Clasps, of which the following is a specification.

My invention relates more particularly to that type of clasps used for suspenders, especially such as have detachable button-straps; but the improvements with slight modifications are capable of application to other uses, as will appear from the ensuing description, in which—

Figure 1 is a front view of a suspender-band and button-strap united by a clasp embracing my invention. Fig. 2 is a longitudinal section therethrough. Fig. 3 represents a modification for application to suspender-band slides, and Fig. 4 a longitudinal section through said modification.

A represents the body of a buckle, of rectangular form, as usual, having a central transverse tongue-bar *a*, upon which are mounted two or more tongues *a'*, not differing in this respect from tongue-buckles usually employed in suspenders. Below the rectangular body is an extension of spring sheet metal *A'*, which is slotted in substantially the manner shown to afford a spring-stop *A²*, having a re-entering opening *a²* of the outline shown, and beneath this stop and in line with the opening therein a socket *a³* for the reception of the shank of the button *B*, attached to a slip plate or plates *b*, which carry the button-straps *B²*, these latter being secured to or run through the plates in any suitable manner.

Now, supposing it is desirable to detach the button-straps from the suspender-band, their carrying-plates, with the button thereon, are raised up vertically, running the button up into the opening in the sheet-metal stop, which is in the same plane with or about in

the same plane with the rest of the spring-sheet depending from the buckle-frame. As soon as the button is clear from its own socket and its head resting entirely upon the spring-stop, the latter may be depressed from the plane of the surrounding plates by pushing in the button with the plates that carry it, when the head can easily be drawn down, passing beneath its proper socket, and is thereby detached from the other member of the clasp. To reattach the button-straps, the button is passed beneath the spring-stop and pushed thereagainst, raising the stop and allowing the button to be drawn down into its socket when the stop immediately falls behind it and prevents its escape until next intentionally detached. In the modification, however, the arrangement thus described is or may be reversed, the plate or plates carrying the slotted stop being secured to the button-straps, while the plate carrying the button is above and secured to the metal loop *C*, over which a suspender-band is bent and carried to the usual slide or friction buckle.

What I claim as my invention is—

The combination to form a clasp for buckles of the slip-plate and its button, the socket-plate having an opening to permit the passage of the button-head and a slot leading therefrom to receive the button-shank, and a stop-plate normally closing the opening in the socket-plate against the passage of the button-head, but having a slot in continuation of the slot in the socket-plate, whereby the button may be run up into the slot in the stop-plate and the latter depressed or raised to release or admit the head of the button, substantially as described.

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Witnesses:

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