

No. 618,761.

Patented Jan. 31, 1899.

G. E. ADAMS.
SUSPENDER BUCKLE.

(Application filed Mar. 5, 1898.)

(No Model.)

Fig. 1.

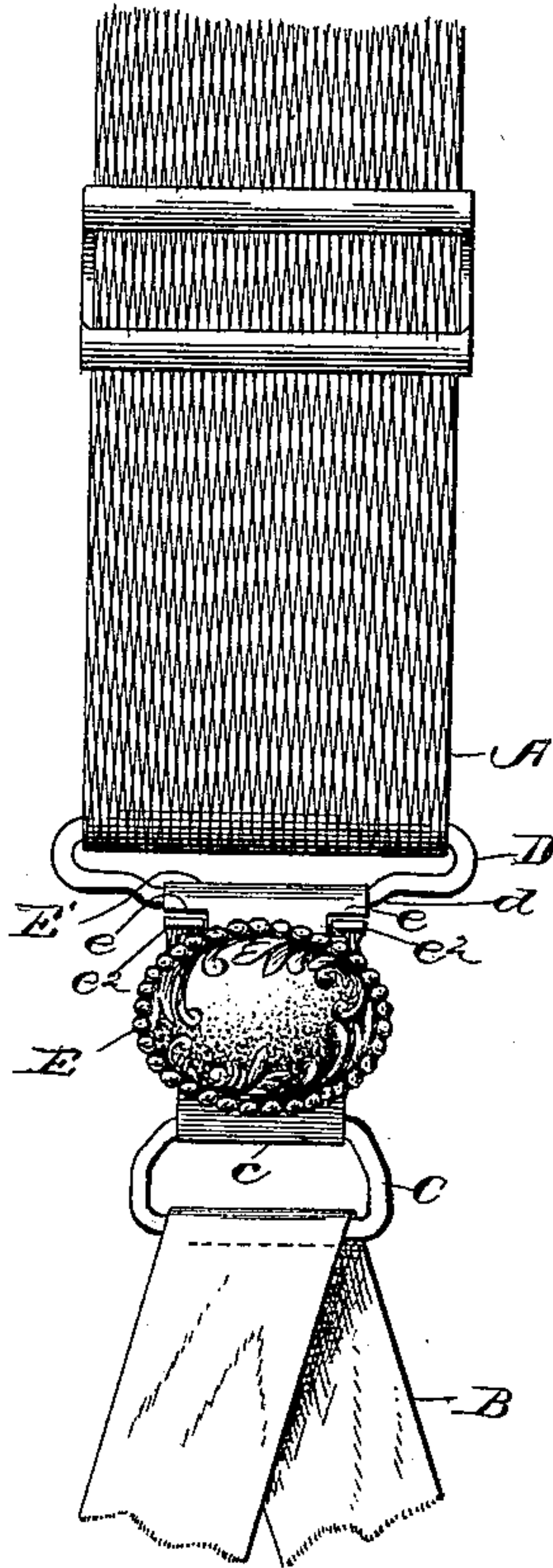


Fig. 2.

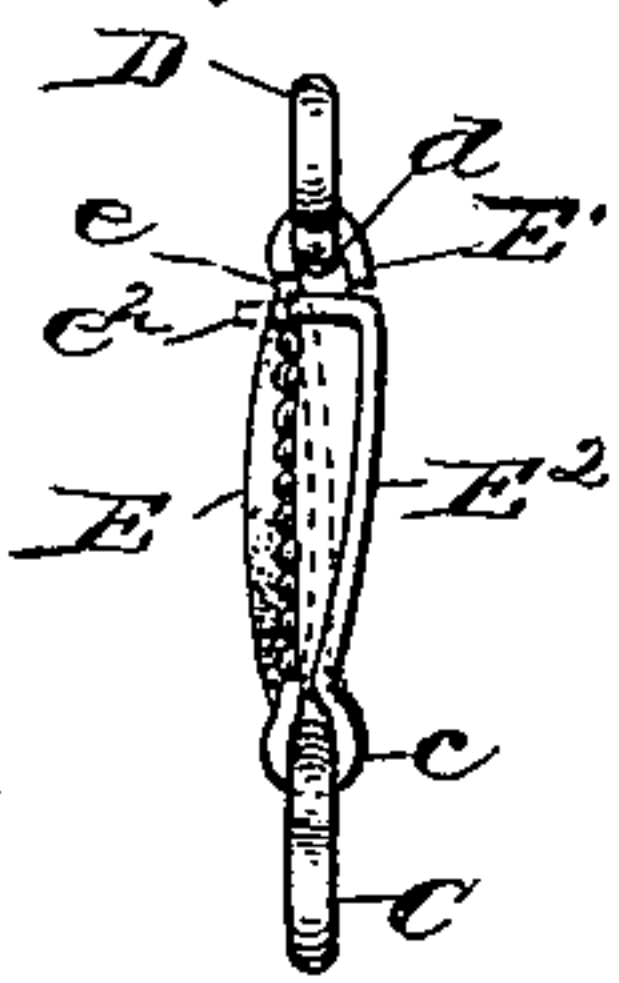


Fig. 3.

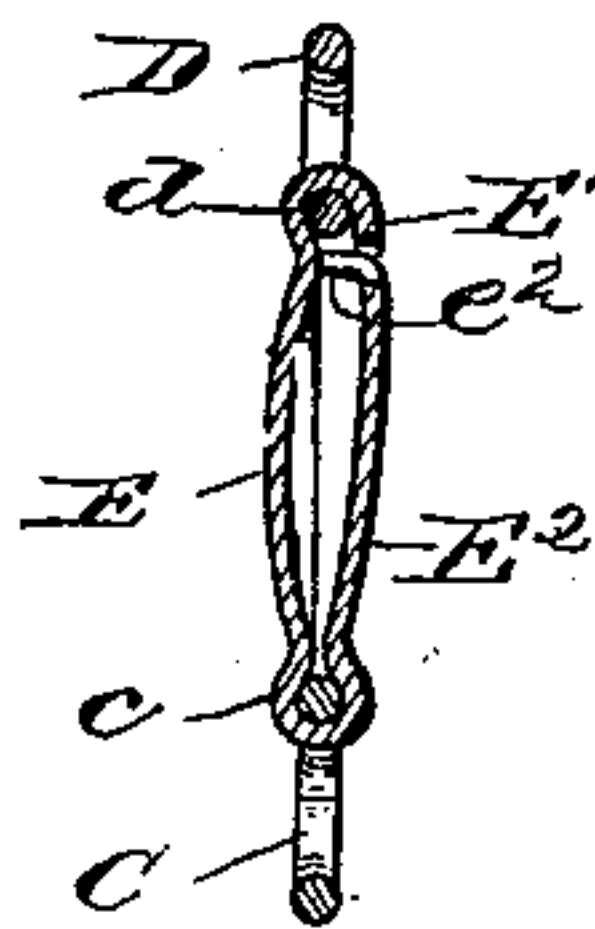
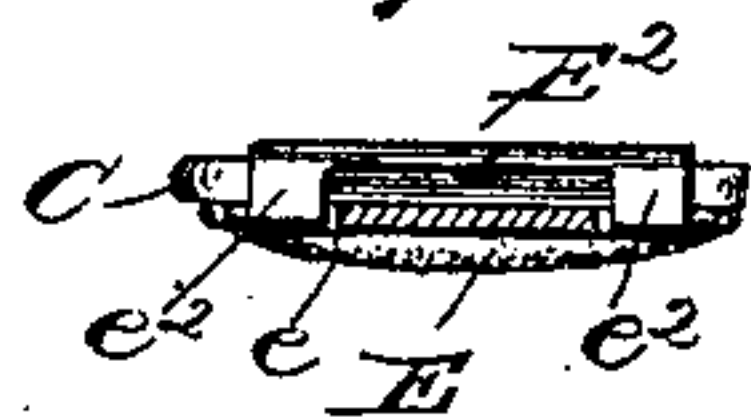


Fig. 4.



Witnesses:

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UNITED STATES PATENT OFFICE.

GEORGE E. ADAMS, OF NEW BRITAIN, CONNECTICUT.

SUSPENDER-BUCKLE.

SPECIFICATION forming part of Letters Patent No. 618,761, dated January 31, 1899.

Application filed March 5, 1898. Serial No. 672,763. (No model.)

To all whom it may concern:

Be it known that I, GEORGE E. ADAMS, a citizen of the United States, residing at New Britain, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Cast-Offs; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, and to the letters of reference marked thereon.

This invention relates to improvements in that class of devices used in garment-supporters and the like for facilitating the connection and separation of two parts of the supporters; and it has for its object to produce a simple, cheap, and easily-constructed device of attractive appearance and which while secure against accidental disengagement can be easily and quickly disengaged when desired.

Referring to the accompanying drawings, Figure 1 is a front elevation of a cast-off constructed in accordance with my present invention applied to a suspender. Fig. 2 is a side elevation of the same with the tongue pressed in in dotted lines. Fig. 3 is a vertical section taken centrally of the device. Fig. 4 is a horizontal section taken on the line 4 4, Fig. 1, looking downwardly.

Like letters of reference in the several figures indicate the same parts.

The letter A indicates the webbing of the suspender or supporter, and B the suspender-end which is adapted to be connected with the webbing by the cast-off device. The latter device in its construction embodies a bottom loop C for the attachment of the suspender-end and a top loop D, which is attached to the webbing of the supporter, preferably by an ordinary adjustable connection, to permit the lengthening or shortening of the supporter.

The body of the cast-off is struck up from a single piece of sheet metal doubled at substantially its center to form an eye around the top bar of the lower loop at c. Its front end E is provided with any suitable ornamentation and terminates at the top in a wide rearwardly-turned hook E'. Immediately below the hook E' two recesses or openings e are formed, one at each side and preferably between the hook and ornamental body of

the cast-off. The rear end E² of the body portion of the cast-off is formed into a spring-tongue, the upper end of which is beneath or lies flush with the end of the hook E', and at its said upper end it has two forwardly-extending projections e², formed by bending down small extensions of the tongue, adapted to bridge the bottom of the hook and to work through the openings or recesses when the tongue is pressed in. When the top loop is in place in the hook, the projections e² prevent it from dropping in behind the tongue, and, furthermore, one being located at each side of the hook the loop cannot be twisted or assume a diagonal position in the body of the cast-off and thereby bind the tongue against inward movement or cause the device to be bent out of shape while in use.

The top loop D is preferably provided with a downwardly-projecting portion d for the reception of the hook, thereby presenting a more slightly appearance and preventing any lateral movement of the loop in the hook.

To release the cast-off, the tongue is pressed forward, as indicated by the dotted lines in Fig. 2, when a downward movement of the top loop or an upward movement of the body of the cast-off will disengage the hook from the loop.

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

In a cast-off, the combination with the top and bottom loops, of the body portion formed of sheet metal doubled at its center around a cross-bar of the bottom loop and having its front end formed into a relatively wide hook at the top adapted to engage the top loop with a recess or opening on each side adjacent said hook, the said body portion also having its rear end formed into a spring-tongue, the upper end of which is beneath or lies flush with the end of the hook, and also provided with two forwardly-extending projections formed by bending down small extensions of the tongue, adapted to bridge the bottom of the hook and working through recesses or openings in the front end; substantially as described.

GEORGE E. ADAMS.

Witnesses:

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