

(No Model.)

J. S. GINGER.

COMBINED BREAST STRAP BUCKLE AND SNAP.

No. 318,179.

Patented May 19, 1885.

Fig. 1.

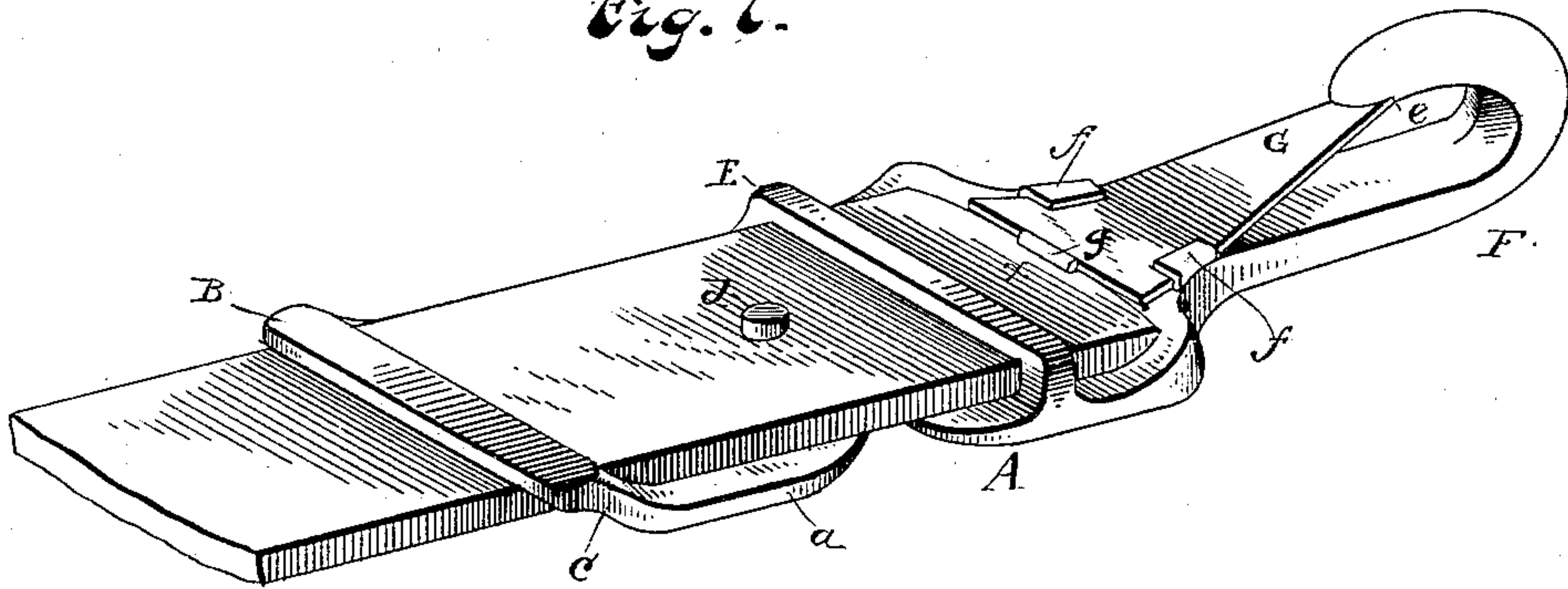


Fig. 2.

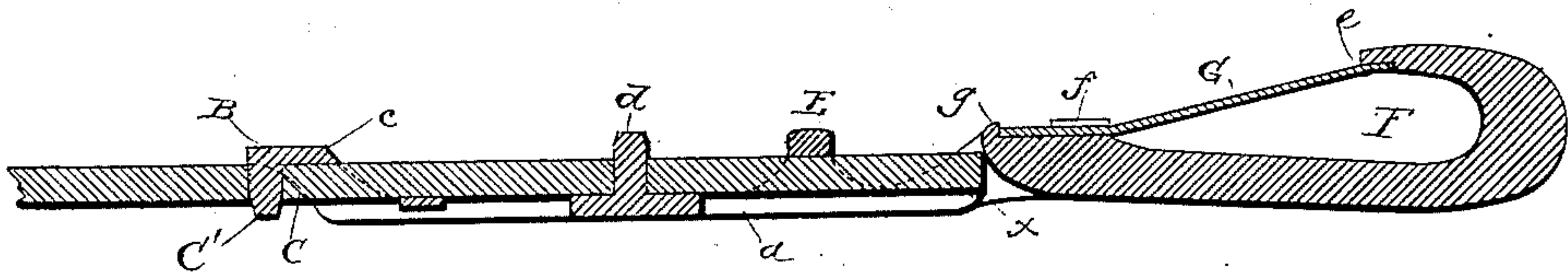
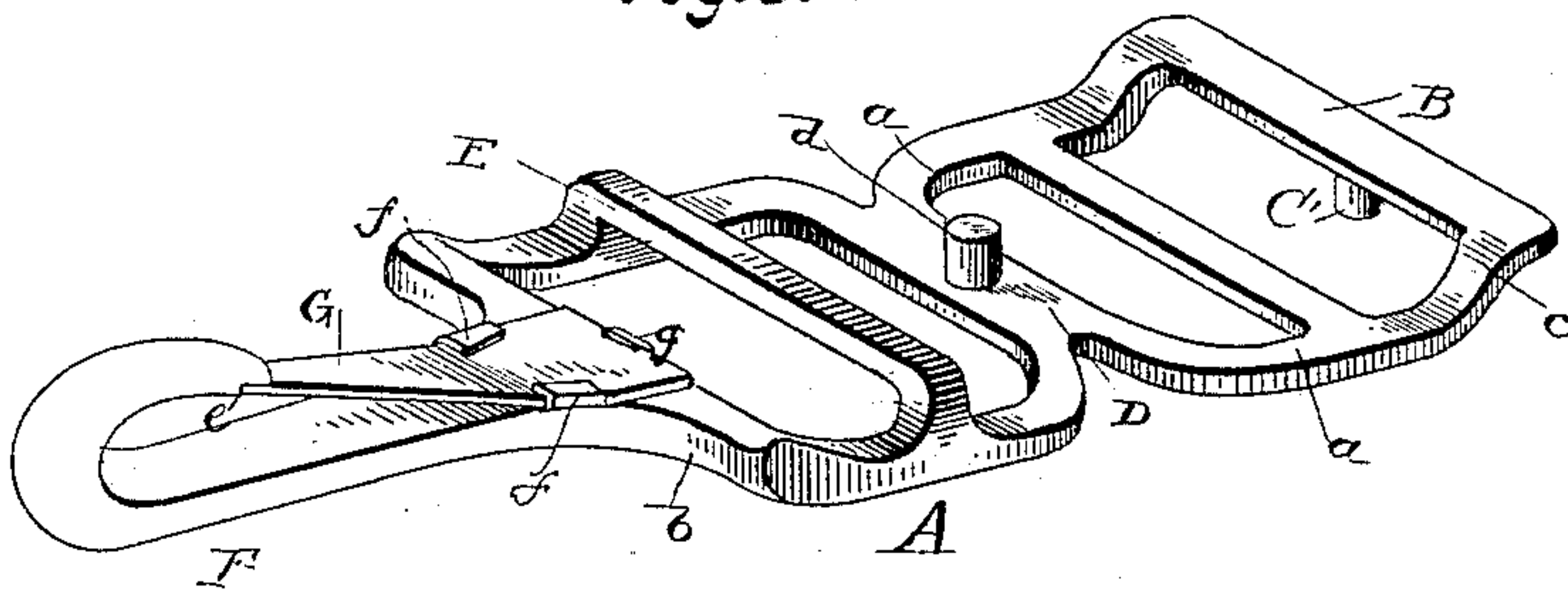


Fig. 3.



WITNESSES
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COMBINED BREAST-STRAP BUCKLE AND SNAP.

SPECIFICATION forming part of Letters Patent No. 318,179, dated May 19, 1885.

Application filed February 17, 1885. (No model.)

To all whom it may concern:

Be it known that I, JAMES S. GINGER, a citizen of the United States, residing at St. Louis, in the county of St. Louis and State of Missouri, have invented a new and useful Improvement in a Combined Breast-Strap Buckle and Snap, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to a combined breast-strap buckle and snap-hook, the object being to provide a combined buckle and snap-hook of such construction that the strain to which the strap is subjected will be distributed to different points upon the same, and thus render the strap less liable to tear out, and allowing it to be subjected to a greater strain than has heretofore been possible without injurious results.

A further object of the invention is to improve and simplify articles of the character described, and to provide a combined breast-strap buckle and snap-hook which may be manufactured and supplied at a slight cost, and one that will be strong and durable.

With these ends in view the invention consists in the improved construction and combinations of parts hereinafter fully described, and pointed out in the claim.

In the drawings, Figure 1 is a perspective view of a combined buckle and snap-hook constructed in accordance with my invention, and showing a strap applied thereto. Fig. 2 is a longitudinal vertical section, and Fig. 3 is a detail view of the buckle detached from the strap.

In the accompanying drawings, in which like letters of reference indicate corresponding parts in all the figures, A represents the frame, which consists of the side bars, A, connected at one end by a cross-bar, *b*. The sides of the buckle at the other end of the frame incline upwardly, as shown at *c*, and their ends are connected by a cross-bar, B, forming a tuck-loop, C.

Upon the under side of the cross-bar B is provided, midway between the ends thereof, a downwardly-extending pin, C', the lower end of which is on a horizontal plane with the under side of the bars *a*.

D represents a cross-bar, which is located midway the ends of the frame to connect the sides *a*, the roof, and upon the upper side of this cross-bar D is provided an upwardly-extending stud or pin, *d*.

Between the cross-bars *b* D is provided a cross-bar, E, which connects the sides *a* of the frame, and which is raised from the said sides to permit the passage of a strap under the same. By the employment of this cross-bar E, when the strap is attached to the buckle and the free end passed under said bar E, it will be held firmly in place.

Extending outwardly from the cross-bar *b*, midway its ends, is a hook, F, the free end of which is formed in its under side with a recess or seat, *e*, in which the end of a flat spring, G, is adapted to fit, and thus present a smooth surface to the object to which the snap-hook is attached. The end of the flat spring G is held in place against movement by flanges *f*, formed integral with the cross-bar *b*, said flanges, after the spring has been placed in position upon said bar *b*, being bent down upon the same, and the inward or rearward movement of said spring is prevented by a nib or lug, *g*, formed integral with the cross-bar *b*, and extending upwardly therefrom.

The strap is applied as follows: The end *x* of the strap is passed through the tuck-loop C, and the pin or stud C' upon the same engages a hole or opening in the strap. The free end of the strap *x* is then passed under the bar E, and the stud or pin *d* engages a hole or opening in said strap, thus distributing the strain to different points upon the strap, and rendering it less liable to tear out. The snap-hook may then be attached.

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

The herein-described buckle, consisting of the sides bent upwardly at one end and connected by a cross-bar having a downwardly-extending pin, a cross-bar, D, having an upwardly-extending pin, cross-bars connecting the sides on each side of the said bar D, one of said bars being raised to form a tuck-loop, in combination with a snap-hook formed integral with the bar *b*, substantially as set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

JAMES SAMUEL GINGER.

Witnesses:

JAMES A. CARROLL,
JAMES J. KEOUGH.