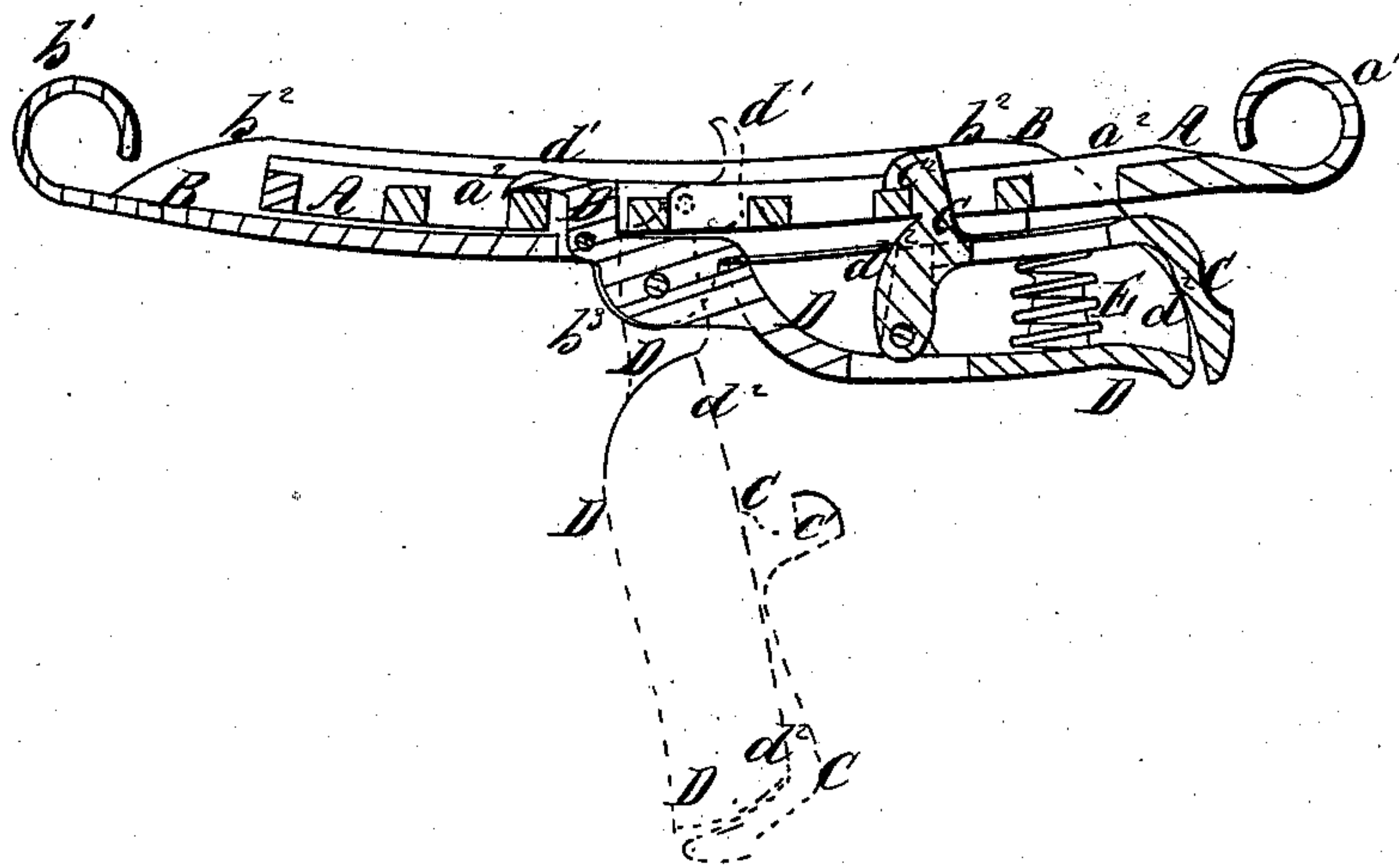


A.B. & S.A. Woodard,

Hames Fastener,

Nº 79,930,

Patented July 14, 1868.



Witnesses.

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A. B. WOODARD, OF ALFRED CENTRE, AND SAMUEL A. WOODARD, OF HORNELLSVILLE,
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Letters Patent No. 79,930, dated July 14, 1868.

IMPROVED HAMES-FASTENER.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that we, A. B. WOODARD, of Alfred Centre, in the county of Allegany, and State of New York, and SAMUEL A. WOODARD, of Hornellsville, in the county of Steuben, and State of New York, (assignors to themselves and Orson Mosher, of Hornellsville, in the county of Steuben, and State of New York,) have invented a new and useful Improvement in Hames-Fasteners; and we do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification, in which—

The figure is a longitudinal section of our improved hames-fastener.

Similar letters of reference indicate corresponding parts.

Our invention has for its object to furnish an improved hames-fastener, simple in construction and effective in operation, drawing the hames closer together during the operation of locking, and holding them securely when locked.

It consists in the construction and combination of the various parts, as hereinafter more fully described.

A is a strap, upon the outer end of which is formed a hook or eye, a^1 , by means of which it is connected with the hames-ring of one of the hames.

The strap A is slightly curved, to correspond with the curve of the lower part of the collar, and its inner side is grooved or channelled, so as to form side flanges a^2 , as shown in the figure. The body of the strap A has holes formed through it, as shown in the drawings, to receive the catches.

B is the other strap, which has a hook or eye, b^1 , formed upon its outer end, by means of which it is attached to the ring of one of the hames. The inner side of the strap B is grooved or channelled, or has side flanges, b^2 , formed upon its side edges, so as to receive the strap A, and hold the two straps A B always in line with each other. The body of the strap B, towards its free end, is slotted, to allow the catches to pass through, and it has ears, b^3 , formed upon its outer side, to which is pivoted the lever-catch D.

The lever D is made in about the form shown in the figure, that is to say, it has a hook or catch, d , formed upon its inner end, which passes through the slot in the strap B, and through one or the other of the holes through the strap A. Upon the inner side of the outer part of the lever D are formed side flanges d^2 , forming a box or chamber for the reception of the spring-lever catch c .

The lever-catch c is pivoted in the chamber formed upon the inner side of the outer end of the lever D, and its catch c^1 projects through the slot in the strap B, and passes through one or the other of the holes through the strap A, so as to lock the straps A and B together.

The lever or arm C extends along the inner side of the box or chamber of the lever D, and its outer end is bent or curved outward, so as to close the outer end of the chamber in which it is placed, and be in a favorable position to be operated to unfasten the fastener, and at the same time be protected from being unfastened by an accidental blow.

E is a wire spring coiled around a pin or post attached to the lever D, so as to be between the levers D and C, and to hold the catch c^1 forward.

The lever-catch C is kept from being forced too far forward by the shoulders formed upon the lever-catch C striking against shoulders formed upon the inner sides of the flanges d^2 of the lever D, as shown in dotted lines in the figure.

In using the fastener, the lever D is thrown back, as shown in red in the figure. The straps B and A are then brought together, so that the catch d^1 may pass through one of the holes in the strap A. The outer end of the lever D is then drawn forward to its place, drawing the hames more closely into place upon the collar. At the same time the spring E yields, allowing the catch c^1 to pass through one of the holes in the strap A, so that the said catch may lock the fastener, and hold it securely until unfastened by pressing out the free end of the lever C with the hand.

By this fastener the hames are drawn closer together while being fastened, and are so secured that they cannot become accidentally unfastened.

Having thus described our invention, we claim as new, and desire to secure by Letters Patent—

An improved hames-fastener, formed by the combination of the strap A, strap B, lever-catch D, lever-catch C, and spring E, or equivalent, with each other, said parts being constructed and arranged substantially in the manner herein shown and described.

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Witnesses:

M. J. HINKLEY,
C. K. HINKLEY.