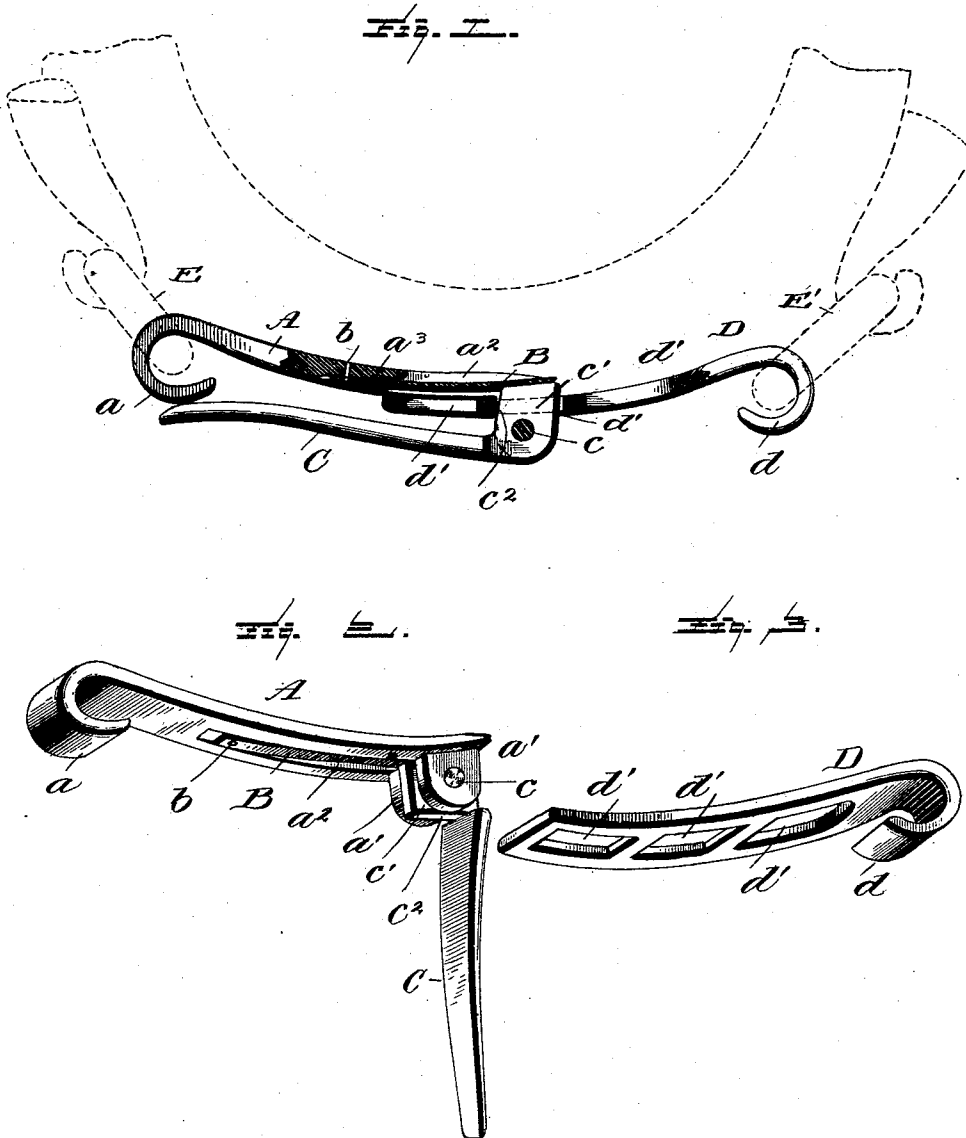


(No Model.)

E. BEAUBIEN.
HAME FASTENER.

No. 484,283.

Patented Oct. 11, 1892..



Witnesses
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UNITED STATES PATENT OFFICE,

EDWARD BEAUBIEN, OF CHICAGO, ILLINOIS.

HAME-FASTENER.

SPECIFICATION forming part of Letters Patent No. 484,283, dated October 11, 1892.

Application filed May 24, 1892. Serial No. 434,217. (No model.)

To all whom it may concern:

Be it known that I, EDWARD BEAUBIEN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Hame-Fasteners; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters of reference marked thereon.

This invention relates to certain new and useful improvements in hame-fasteners; and the novelty resides in the peculiar construction and combination of parts, as hereinafter more fully described, shown in the drawings, and then particularly pointed out in the claim.

The invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this specification, and in which—

Figure 1 is a front elevation with portions broken away and others in section, showing my improvement in position as in use. Fig. 2 is a perspective view of one part of the fastener, and Fig. 3 is a like view of the other part detached.

Like letters of reference indicate like parts throughout the several views in which they appear.

Referring now to the details of the drawings by letter, A designates the main part of the fastener, which has one end turned to form a hook a , and the other end is formed with the parallel lugs a' , which extend from the body portion upon the same side as the hook a , as is seen in Figs. 1 and 2. The part A is further formed with a longitudinal slot a^2 , open at the lug end, as seen in Fig. 1, and the other end being tapered, as seen at a^3 in the same view.

B is a flat spring held at one end, as at b , to the outer face of the part A and against the tapered portion of the same, the spring extending to the outer end of the slot.

C is a lever pivoted at c between the lugs of the part A, as seen in Figs. 1 and 2, the said pivot passing through the square lug c' on that end of the lever, the said lug having at least two flat sides or faces, as seen in Figs. 1 and 2, to form an extended bearing upon the spring when the lever is in its closed or open position to hold it in either position.

D is the component part of the fastener. It

is separate from the other parts, being formed at one end with a hook d , and its body portion is formed with a plurality of openings d' .

In practice the hook a is engaged with some part of the hames, as the link or ring E, and the hook d with the part on the opposite side, as the ring or link E', as indicated by dotted lines in Fig. 1, the lever C being then in the position relatively to the part A in which it is shown in Fig. 2. The proper opening or loop of the part D is then engaged over the lever, and, embracing the lugs a' and the lever, is then thrown down in the position in which it is shown in Fig. 1, thus holding the parts locked. The face c^2 of the lug c' of the lever is inclined, as seen in Fig. 1, so that when the lever is thrown open to permit of separation of the parts the said face rides upon the cross-bar of the loop or opening in the part D and raises or draws it away from the part A, and this movement is aided by the spring. The size of the openings d' is also so proportioned to the combined length of the faces of the lug c' and the lever that the part D cannot be slipped down over the ears and lug till the part C is turned down, when the faces of the lug assist in drawing the part D against the part A. This, together with the throwing out of the part D by the face c^2 of the lug, is important, and in these features resides the gist of my invention.

What I claim as new is—

The improved hame-fastener described, consisting of the main part A, formed with integral hook at one end and integral lugs at the other upon the same side of the said part and with a longitudinal slot, the lever having a lug with flat faces, one of which is tapered and pivoted between the lugs of the part A, the spring held to the part A and arranged in the slot thereof and bearing upon the flat faces of the lug of the lever, and the part D, having a plurality of openings of less length than that of the face of the lug and the lever, whereby the lug assists in drawing the part D against the part A, and at one end a hook, all substantially as shown and specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

EDWARD BEAUBIEN.

Witnesses:

GEO. W. DAVID,
S. C. LANK.