

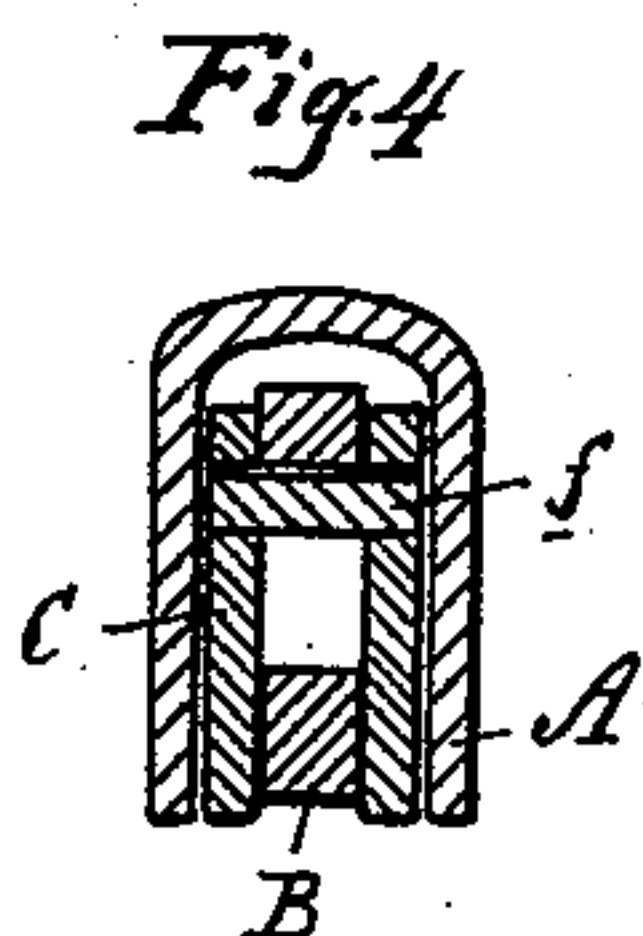
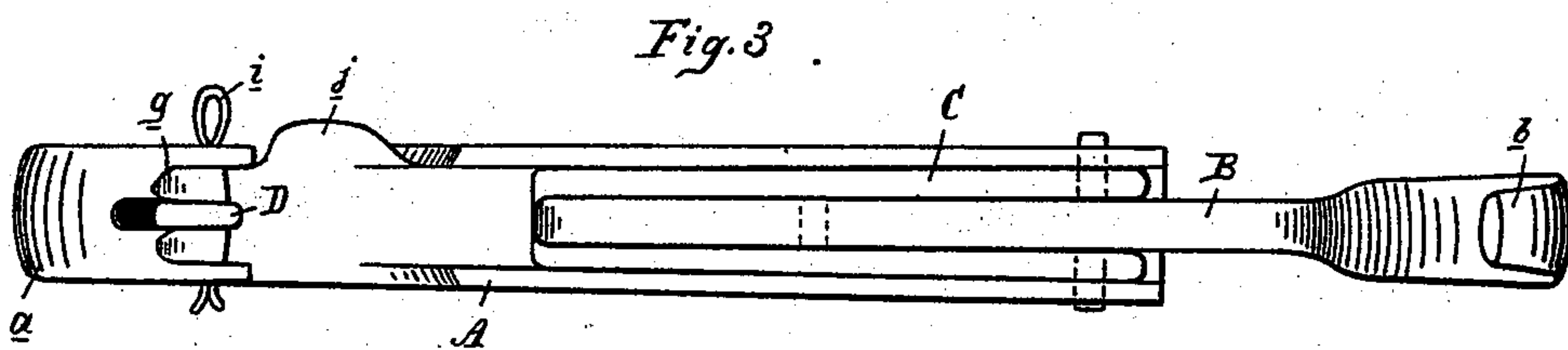
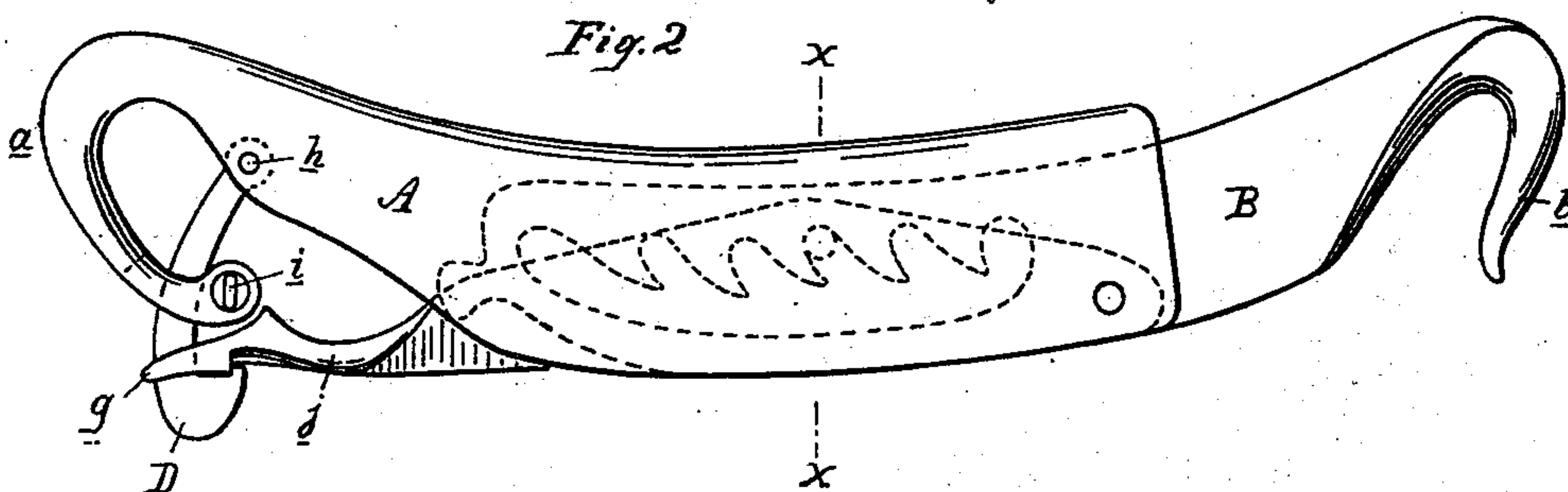
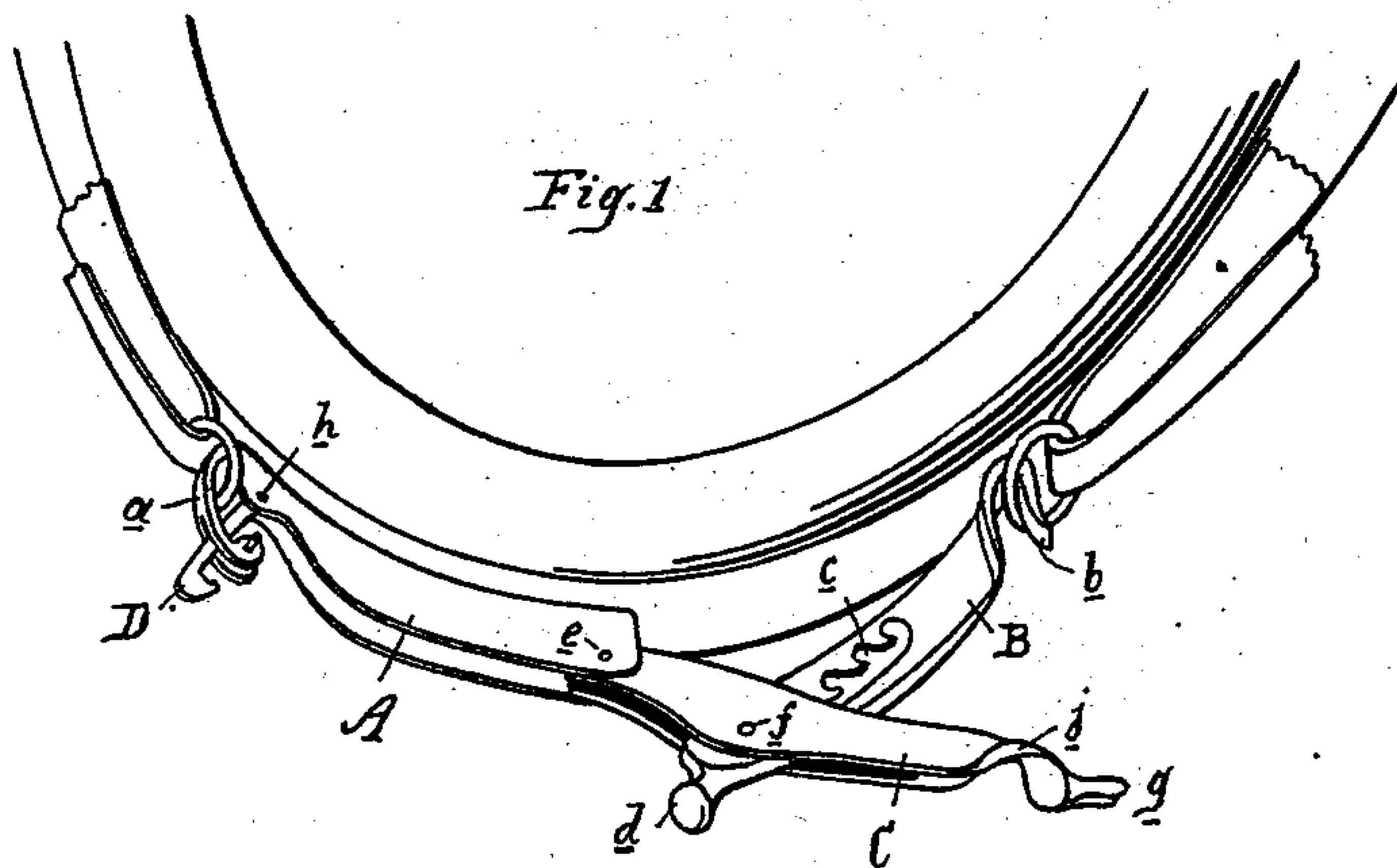
(No Model.)

J. H. D. EVERETT.

HAME FASTENER.

No. 377,671.

Patented Feb. 7, 1888.



Attest:

John Schuman.

W. J. Brown

Inventor:

John H. D. Everett.

by his Atty

Mrs. L. L. Magnie & Son

UNITED STATES PATENT OFFICE.

JOHN H. D. EVERETT, OF ST. IGNACE, MICHIGAN.

HAME-FASTENER.

SPECIFICATION forming part of Letters Patent No. 377,671, dated February 7, 1888.

Application filed December 2, 1887. Serial No. 256,757. (No model.)

To all whom it may concern:

Be it known that I, JOHN H. D. EVERETT, a citizen of the United States, residing at St. Ignace, in the county of Mackinac and State of Michigan, have invented certain new and useful Improvements in Hame-Fasteners, of which the following is a specification, reference being had therein to the accompanying drawings:

10 This invention relates to certain new and useful improvements in hame-fasteners; and it consists in so connecting the parts of a metallic hame-fastener that they have not to be detached from each other when in use, but remain connected to each other and to one of the hames only, and, further, in the peculiar construction and operation of a locking device designed for the twofold object of detachably securing the device to the hames and of preventing the accidental unlocking of the device when in use.

Figure 1 is a perspective showing my device as attached to the hames of a harness, with the parts in position as before locking. Fig. 25 2 shows the device with the parts locked, Fig. 3 is a bottom plan. Fig. 4 is a cross-section on line *x x*.

In the accompanying drawings, which form a part of this specification, A is a metallic strap, which forms the female part or casing, and is provided with a hook, *a*.

30 B is another metallic strap, which forms the male part of the device, and is provided with the hook *b*, toothed slot *c*, and knob or handle *d*.

35 C is a lever pivotally secured at *e* between the sides of the strap A, and this lever is provided with a longitudinal slot, through which the strap B is free to pass, and with a pin, *f*, which engages into the toothed slot *c* of the strap B. The free end of the lever is provided with a lip, *g*, adapted to engage with the gravity-dog D. This dog is pivotally secured at *h* to the strap A and passes through the bifurcated end of the hook *a*, where it is retained by the key *i*, or other suitable device adapted to be readily removed.

In practice in attaching the device to the hames of a harness the key *i* is removed to permit of folding the gravity-dog D out of the way to engage the hook *a* with the hame, and after such engagement the key *i* is reinserted to lock the device in place. The device being thus secured to the hame and the parts being opened out, as shown in Fig. 1, the hook *b* is inserted in the opposite hame. Now it will be seen that by means of the lever C the two straps are drawn and locked together, as in similar devices of this kind, a suitable adjustment being had by engaging the pin *f* at any desired point in the toothed slot, such adjustment being materially facilitated by means of the knob or handle *d*. The parts being thus locked together, the gravity-dog D engages with the lip of the lever C and forms a safety-lock to prevent any accidental displacement of the parts. To unlock the device readily, the lever C is provided with a flange, *j*.

What I claim as my invention is—

1. The combination, with the male and female straps A B and the lever C, pivotally secured to the strap A and engaging into the toothed slot *c*, of the gravity-dog D and the lip *g* on the lever C, substantially as described.
2. In a hame-fastening device, the combination of the female strap A, provided with the hook *a*, the male strap B, provided with the hook *b* and the toothed slot *c*, the slotted lever C, pivotally secured to the strap A and provided with the pin *f* and the lip *g*, the gravity-dog D, and the locking-pin *i*, all combined and operating substantially in the manner and for the purposes described.

In testimony whereof I affix my signature, in presence of two witnesses, this 16th day of November, 1887.

JOHN H. D. EVERETT.

Witnesses:

H. S. SPRAGUE,
P. M. HULBERT.