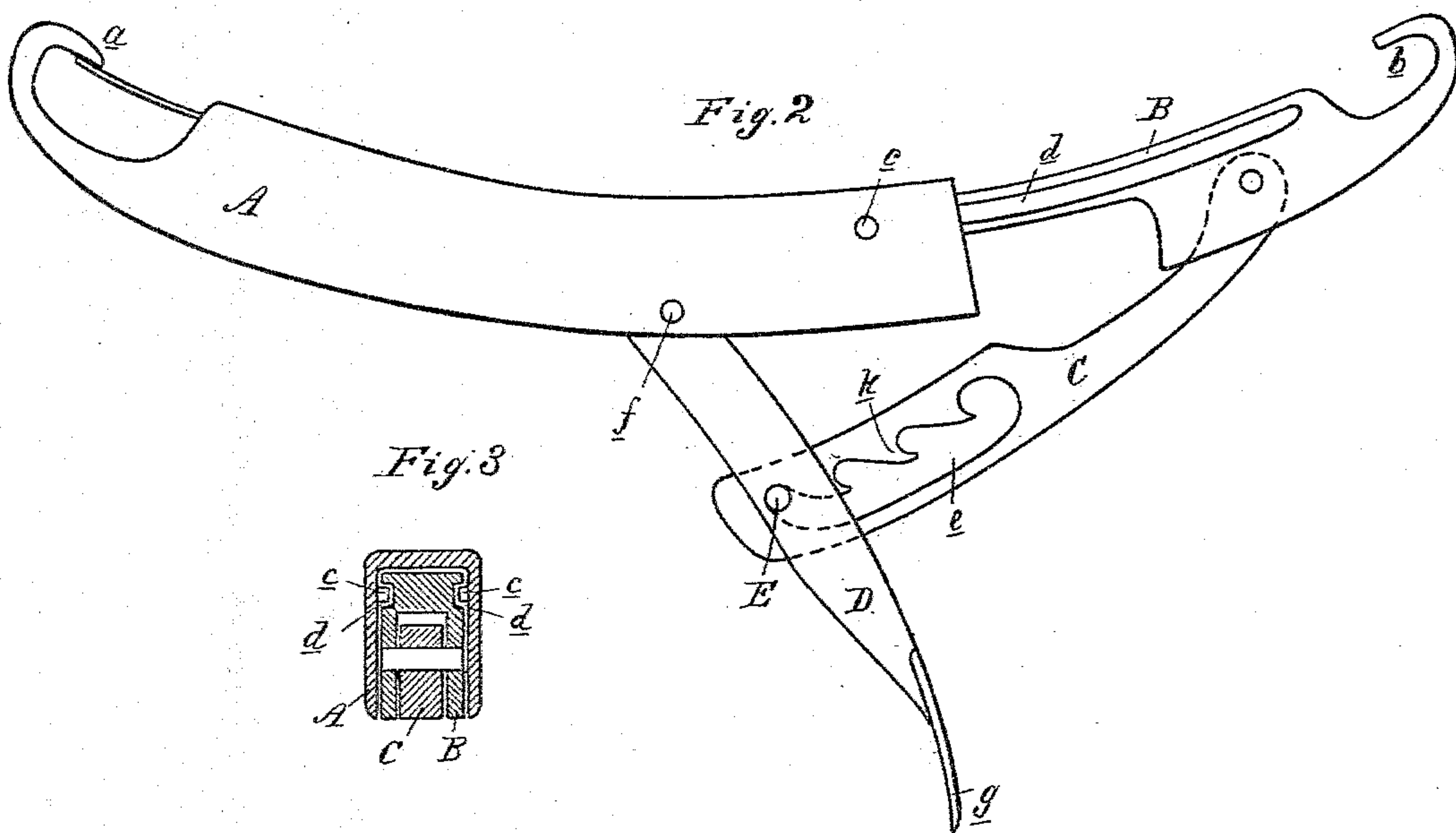
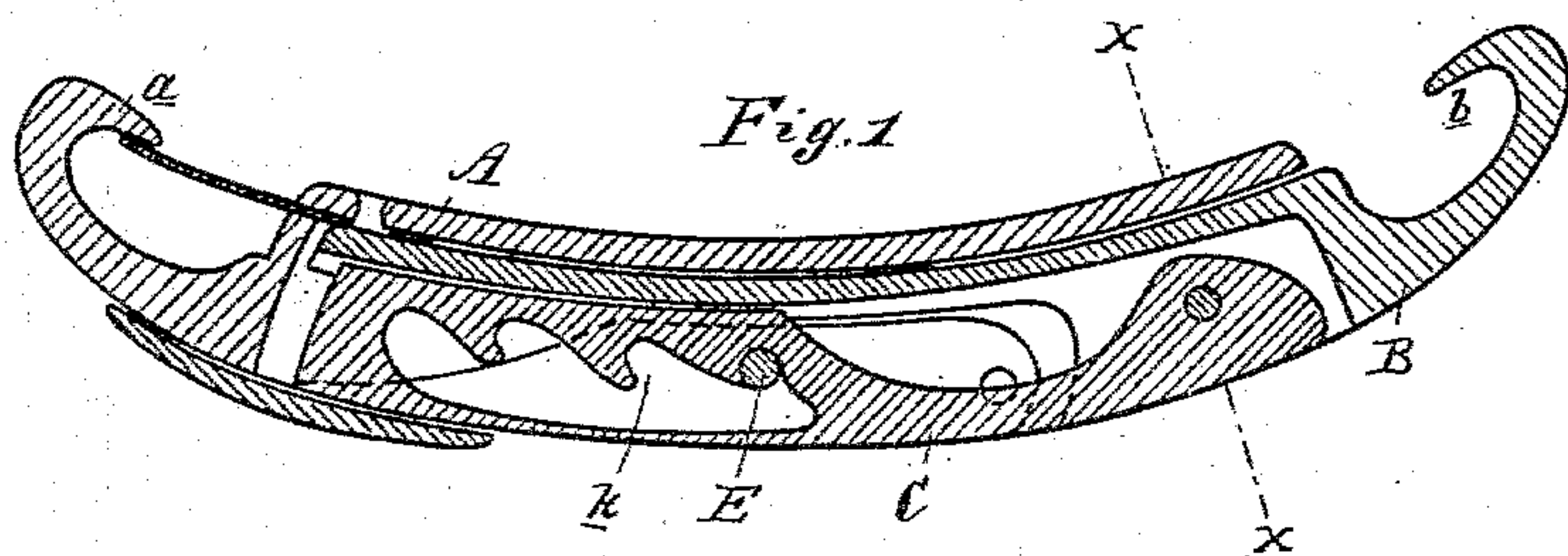


(No Model.)

J. H. D. EVERETT.  
METALLIC HAME FASTENER.

No. 356,628.

Patented Jan. 25, 1887.



Attest:

John Schuman.  
W. J. Sprague

Inventor:  
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by his Atty  
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# UNITED STATES PATENT OFFICE.

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

## METALLIC HAME-FASTENER.

SPECIFICATION forming part of Letters Patent No. 356,628, dated January 25, 1887.

Application filed November 11, 1886. Serial No. 218,561. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN H. D. EVERETT, of St. Ignace, in the county of Mackinac and State of Michigan, have invented new and useful Improvements in Metallic Hame-Fasteners; and I hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, which form a part of this specification.

This invention relates to certain new and useful improvements in hame-fasteners.

Devices of this character have heretofore been invented and patented, but in all of which I am aware they have consisted of certain hooked appliances that were liable to become detached from each other and lost, and that when applied to the hames have had to be provided with some superfluous locking device in order to prevent their becoming disengaged.

It is the object of this invention to provide a device for the purpose named wherein the parts are adjustably but not detachably secured together, and wherein the strain exerted upon the device after the same is closed will have a tendency to the more securely locking of the parts.

To this end the invention consists in the peculiar construction, arrangement, and combinations of the parts, all as more fully herein after set forth.

Figure 1 is a central vertical longitudinal section with the parts closed. Fig. 2 is a similar view with the parts open. Fig. 3 is a cross-section on the line *xx*, Fig. 1. Fig. 4 is a bottom plan.

In the accompanying drawings, which form a part of this specification, A represents the case or female portion of my device, one end of which is provided with a "snap-hook," *a*; and B represents the male portion of the device, provided with a hook, *b*. The portion A is hollow, as shown, and is provided with two inwardly-projecting pins, *c*, which are designed to engage with the grooves *d*, formed in the two sides of the portion B, as shown. The under edge of the part B is recessed the greater portion of its length, and within this recess, and at the hook end of the part B, is pivotally secured a link, C. This link C is

slotted, as at *e*, and is provided with the internal adjusting-hooks, *k*.

D is a lever, pivotally secured, as at *f*, between the walls of the part or case A, and is bifurcated, so as to embrace the slotted end of the link C, and is provided with a pin or girt, E, which passes through the slot of the link C, and is designed to engage with one of the hooks *k*. The free end of the lever is provided with a projecting lip, *g*, by means of which the lever can readily be disengaged from its locked position.

In practice, the parts being constructed and arranged substantially as herein shown and described, the hook *a* is engaged with the eye of one of the hames, and the part B is drawn out into the position shown in Fig. 2, and the hook *b* is then engaged with the eye of the companion hame, the link C and lever D being in the positions shown in the same figure. By now engaging the pin E with the desired hook, *k*, of the link and then drawing or pushing the lever into the position shown in Fig. 1, the two parts of the device will have been drawn together and the hames securely fastened upon the collar. In this position it will be observed that the strain of expansion of the collar and hames under draft is brought upon hook of the link C, with which the pin E engages, and at a point above the pivot of the lever D, and hence the greater the strain the more securely the lever D is held in place. By this construction it will be seen that the parts, while being adjustable, are not separable, and hence the danger of portions being lost is entirely obviated.

What I claim as my invention is—

1. A metallic hame-fastener consisting of the two parts A B, the one sliding within the other, a link, C, pivoted to the part B, and locking lever D, pivoted to the part A and engaging the link, substantially as and for the purposes described.

2. A metallic hame-fastener consisting of the female portion A, provided with a snap-hook, *a*, of the male portion B, having grooves *d*, with which engage pins *c*, said part B also being provided with a link, C, engaging with a lever, D, pivoted to the part A, substantially as and for the purposes set forth.



3. In a metallic hame-fastener, the combination of the female portion or case A, male portion B, sliding on guides therein, link C, pivoted to the part B, and formed with slot e and hooks k, and lever D, pivoted to the case and provided with a pin, E, passed through said slot and engaging said hooks, all con-

structed, arranged, and operating substantially in the manner and for the purposes specified.

JOHN H. D. EVERETT.

Witnesses:

H. S. SPRAGUE,  
E. SCULLY.