

S. MILLER.
Hame-Fasteners.

No. 156,368.

Patented Oct. 27, 1874.

Fig. 1.

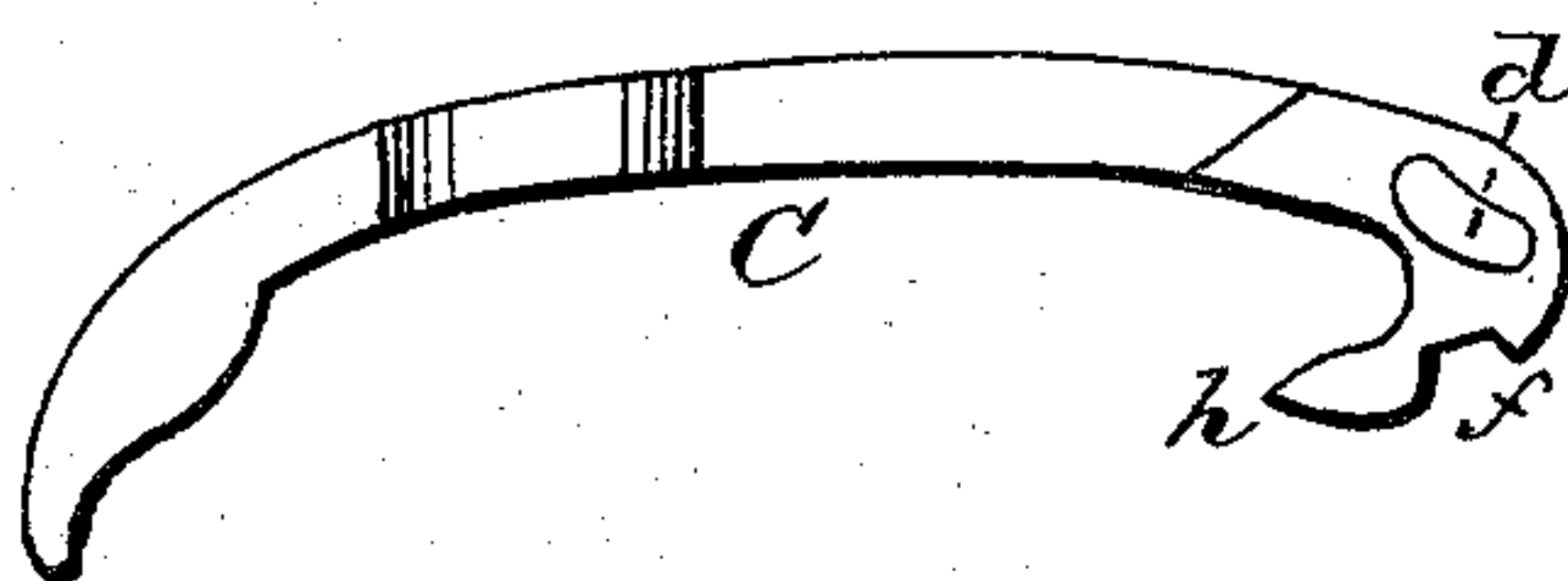


Fig. 2.

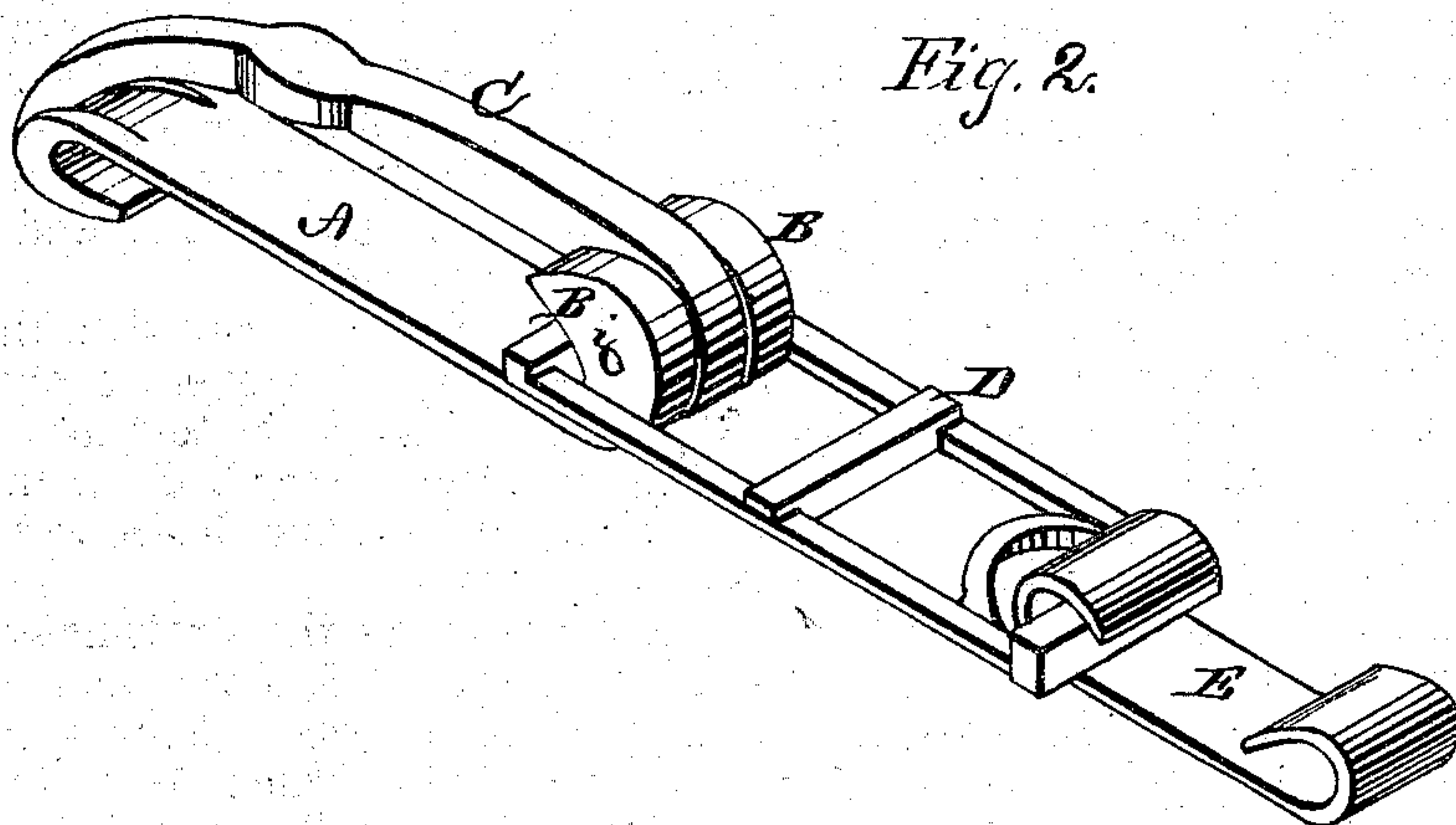
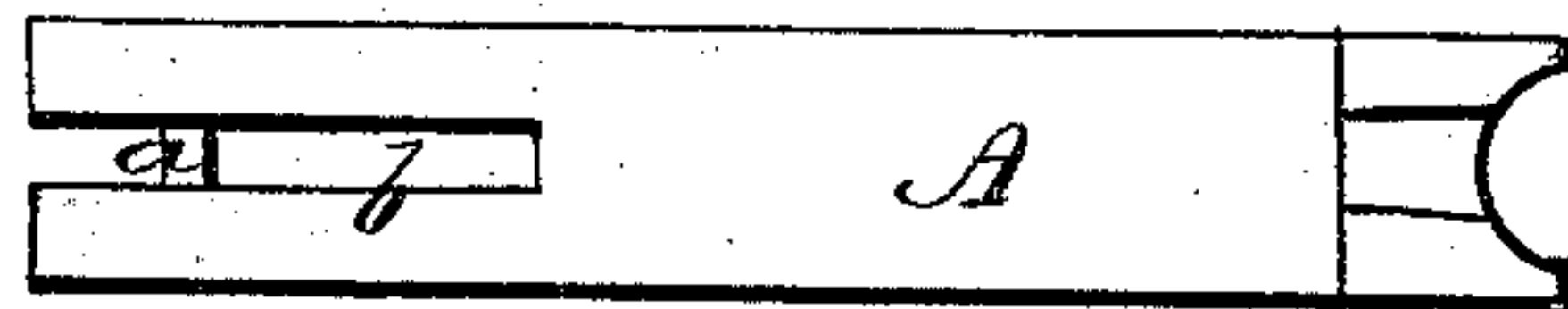


Fig. 3.



WITNESSES.

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SAMUEL MILLER, OF GRATIS, OHIO.

IMPROVEMENT IN HAME-FASTENERS.

Specification forming part of Letters Patent No. **156,368**, dated October 27, 1874; application filed April 20, 1874.

To all whom it may concern:

Be it known that I, SAMUEL MILLER, of Gratis, in the county of Preble and in the State of Ohio, have invented certain new and useful Improvements in Hame-Fasteners; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction and arrangement of a hame-fastener, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a side view of a lever used in my hame-fastener. Fig. 2 is a perspective view of the hame-fastener; and Fig. 3 is a bottom view of the draft-hook.

A represents the draft-hook, to be fastened or hooked into one of the hames, and the other end of the hook is slotted and turned up, forming ears or flanges B B. At the point where these flanges are turned up is a cross-bar, *a*, in the slot *b*. C represents the lever, pivoted by a pin, *i*, between the flanges B B, said pin passing through an elongated curved slot, *d*, in the inner end of the lever. This end of the lever is formed with a hook, *h*, corresponding in shape with the interior of the turned-up flanges

B B. In the back of this hook is a notch, *f*, to fit over the cross-bar *a*. D represents a rectangular frame provided with any desired number of cross-bars and connected by a link, E, with the other hame. When the part E is attached to the hame the lever C is opened and the frame D passed over the same at any of the cross-bars desired; then, by closing the lever and attaching the hook A to the other hame the tension of the frame D on the hook *h* of the lever will draw the lever backward to the extent of the slot *d*, so that the notch *f* will pass down over the cross-bar *a*, and thereby lock the lever in place.

By drawing the lever forward to the extent of the slot *d* it may be opened to change the frame D from one cross-bar to another.

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

The combination of the draft-hook A, having hooked flanges B B, slot *b*, and cross-bar *a*, the lever C having slot *d*, hook *h*, and notch *f*, and the detachable frame D and link E, all constructed substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 20th day of March, 1874.

SAMUEL MILLER.

Witnesses:

C. C. FETHERLING,
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