D. FREE.

Hame-Fastener.

No. 207,729. Patented Sept. 3, 1878.

Fig. 1

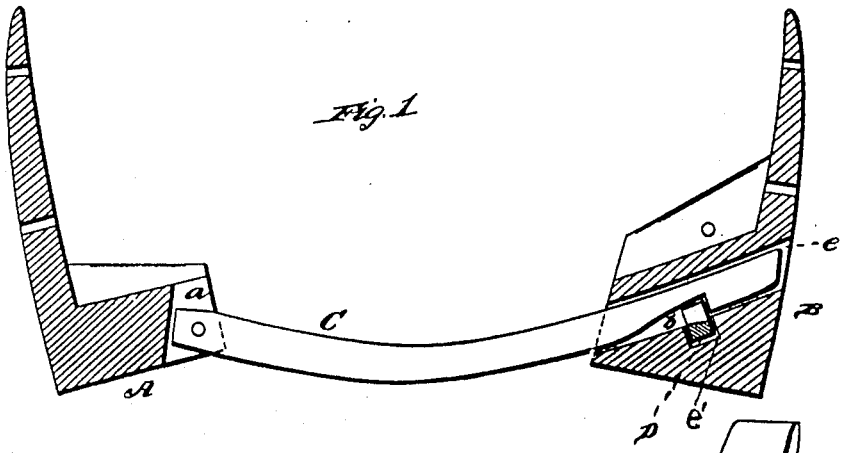


Fig. 2.

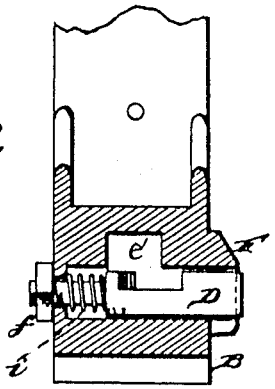


Fig. 3.

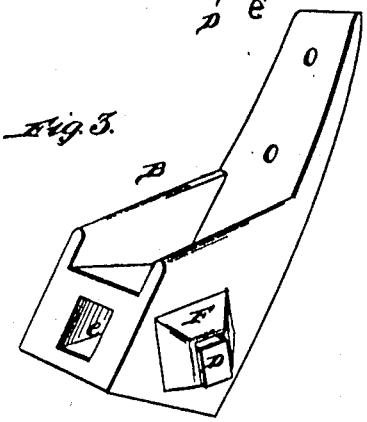


Fig. 4.

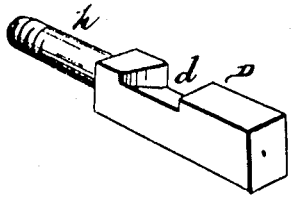
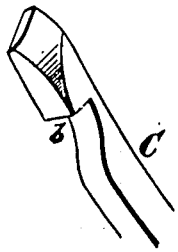


Fig. 5.



WITNESSES

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DANIEL FREE, OF EMIGSVILLE, PENNSYLVANIA.

IMPROVEMENT IN HAME-FASTENERS.

Specification forming part of Letters Patent No. **207,729**, dated September 3, 1878; application filed July 27, 1878.

To all whom it may concern:

Be it known that I, DANIEL FREE, of Emigsville, in the county of York and State of Pennsylvania, have invented a new and valuable Improvement in Hame-Fasteners; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a vertical section of my hame-fastener. Fig. 2 is a vertical sectional detail of the same; and Figs. 3, 4, and 5 are perspective details.

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

The annexed drawings, to which reference is made, fully illustrate my invention.

A and B represent two castings to be fastened to the ends of the hames, both being formed with upwardly-projecting straps and flanges to form sockets, in which the ends of the hames will rest and be fastened by screws or other similar means.

The inner end of the casting A is bifurcated, as shown at *a* in Fig. 1, and in the same is pivoted an arm, C, the outer end of which is formed with the notch *b*.

The casting B is formed with a slot or passage, *c*, extending from the inner end at an angle through the back, as shown fully in Fig. 1, said passage being of such size as to receive the end of the arm C.

At right angles to the slot or passage *c*, and partly below the same, is another slot, *c'*, which contains a latch, D, said latch being in its upper surface formed with a notch, *d*, of substantially the form shown in Fig. 4.

The inner end of the latch D is provided with a screw-tenon, *h*, surrounded by a spiral spring, *i*, and this tenon passes through the inner side of the casting and has a nut, *f*, screwed thereon. The outer end of the latch D projects into a sort of cap or box, F, formed on the outside of the casting B, as shown.

The normal position of the latch D is such that the arm C will be held thereon in its notch. By pressing in on the outer end of the latch the notch *d* thereon will clear the arm C, and said arm can be drawn out to open the hames. The spring *i* at once returns the latch to its former position.

To close the hames it is only necessary to insert the end of the arm C in the passage *c*, and then press together on the ends of the hames, when the arm, passing into the end of the notch *d*, one side of which is inclined, will press the latch inward until the notch *b* passes the same, when the latch springs forward and locks the arm.

What I claim as new, and desire to secure by Letters Patent, is—

In a hame-fastener, the bifurcated casting A *a* and pivoted curved arm C *b*, in combination with the casting B F, having the slots *c* *c'* at right angles to each other, and the latch D *d* *h*, spring *i*, and nut *f*, constructed and operating substantially as and for the purposes set forth.

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

DANIEL FREE.

Witnesses:
JNO. N. MELZILL,
D. BEAVERSON.