R. R. Mc Donald,

Hame Fastener.

No. 82,142. Patented Sep. 15, 1868.

Fig. 1

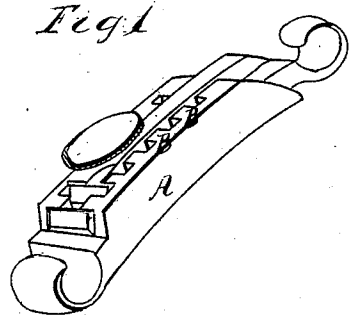


Fig. 2

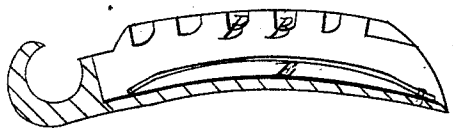
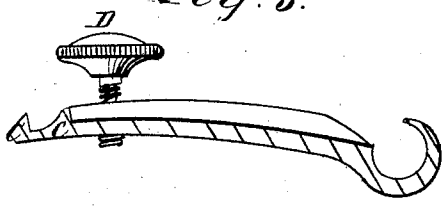


Fig. 3.



Witnesses:

Louis F. Smith

Silas A. Hinds.

Inventor:

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United States Patent Office.

ROBERT R. McDONALD, OF SYRACUSE, NEW YORK.

Letters Patent No. 82,142, *dated September* 15, 1868.

IMPROVED HAMES-FASTENER.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, ROBERT R. McDONALD, of the city of Syracuse, in the county of Onondaga, in the State of New York, have invented a new and useful Improvement on a Hames-Fastener; 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, in which—

Figure 1 is a perspective view.

Figure 2 is part of a side view, showing the spring.

Figure 3 is a view of the tongue, through which the thumb-screw plays.

Like letters represent like parts.

Letter A represents the frame of the hames-fastener.

Letters B B are the teeth in the upper part of the frame, as shown in fig. 1 in the drawings.

Letters C C are the catches in one end of the tongue.

Letter D is the thumb-screw, passing through the tongue by threads in the tongue.

Letter E is the spring, fastened to the bottom part of the frame, which presses against the tongue.

I construct my hames-fastener of any suitable metal. The frame is made in one piece, as shown in the drawings, with the teeth cast or cut into the upper part. At one end of the frame is a hook, to attach the frame to the hames. The tongue is made in the form as shown in the drawings. On one end of the tongue are the catches, and near the same end of the tongue is the thumb-screw, which screws through the tongue by threads, and on the other end of the tongue is a hook, to attach the tongue to the hames. At the bottom of the frame is shown, in fig. 1 of the drawings, a spring, made of steel or any other suitable material.

When the tongue is inserted in the frame, as shown in fig. 1 of the drawings, the spring presses against the tongue, thereby throwing the catches on the end of the tongue up against the teeth of the frame; then, by turning the thumb-screw until the lower end of the screw presses tightly against the spring, it will throw the tongue upwards, and the catches in the tongue will press so rigidly against the teeth of the frame that, until the thumb-screw is loosened, it cannot, by any movement of the hames, get unfastened.

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

The frame A, the teeth B B, the catches C C, the thumb-screw D, the spring E and tongue, when the parts are constructed, combined, and used in the manner as set forth and described.

ROBERT R. McDONALD.

Witnesses:

LOUIS F. SMITH,

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