

(No Model.)

P. W. CORCORAN.
HAME.

No. 497,772.

Patented May 23, 1893.

Fig. 1.

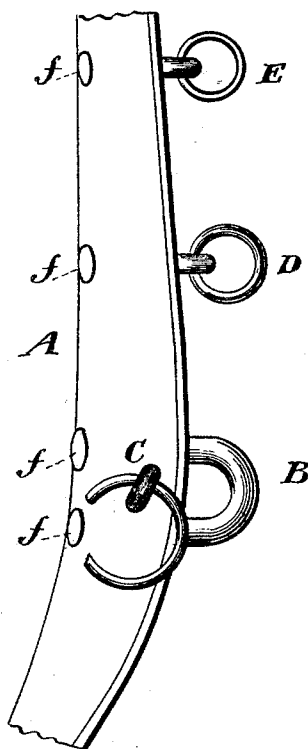


Fig. 2.

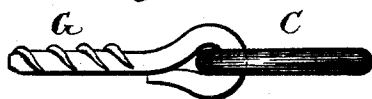


Fig. 3.

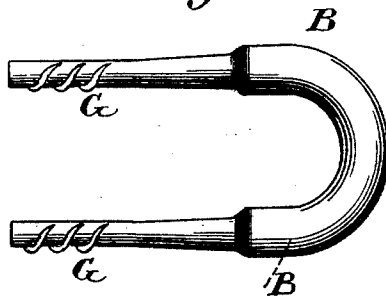


Fig. 4



Witnesses.
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UNITED STATES PATENT OFFICE.

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HAME.

SPECIFICATION forming part of Letters Patent No. 497,772, dated May 23, 1893.

Application filed February 4, 1893. Serial No. 460,955. (No model.)

To all whom it may concern:

Be it known that I, PATRICK W. CORCORAN, a citizen of the United States, residing at Seneca, in the county of La Salle and State of Illinois, have invented certain new and useful Improvements in Hame-Fastening; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

The special object of the invention is to improve the staple fastening for the breaststrap ring, the backstrap ring and the line ring, all of which require to have a pivotal connection with the hame.

The invention will first be described in connection with the drawings and then pointed out in the claim.

Figure 1 of the drawings is a perspective view of one hame with the ring stapled thereto; Fig. 2 a detail view of a ring staple, and rings; Fig. 3 a similar view of the tug staple, and Fig. 4 a tubular rivet used by me and shown in longitudinal section.

In the drawings A represents a hame, B the hame staple, C D E the staples for the rings, and F the tubular rivet which I use in connection with the staple legs. On each staple leg, I make partial spiral threads G parallel to each other and raised above the surface of the leg and gradually inclined downwardly at each end, the said threads being arranged on

the free end of the leg and of any preferred length. The rivet F is provided with a flat head *f*, is made of thin sheet metal and is tubular from the head downward or for the entire length of the shank, the lower end being open to receive the end of the leg. The staple leg extends through, or nearly so by preference, the hole made in the hame for it. The tubular rivet is then placed over the end thereof and driven down upon it with a hammer or any suitable implement. The soft metal of the rivet shank, being thus forced over the spiral threads, yields thereto and suffers them to be embedded so as to make a perfectly secure fastening while the head lies flat upon the surface of the hame and is not in the way.

Having thus described all that is necessary to a full understanding of my invention, what I claim as new, and desire to protect by Letters Patent, is—

The herein described hame staple having corrugated or partially threaded legs adapted to pass into perforations in the hame and tubular soft-metal rivets F driven into the perforations in the hame and surrounding the staple legs substantially as shown, for the purpose set forth.

In testimony whereof I affix my signature in presence of two witnesses.

PATRICK W. CORCORAN.

Witnesses:

J. W. ELLIS,
H. RUBBARD.