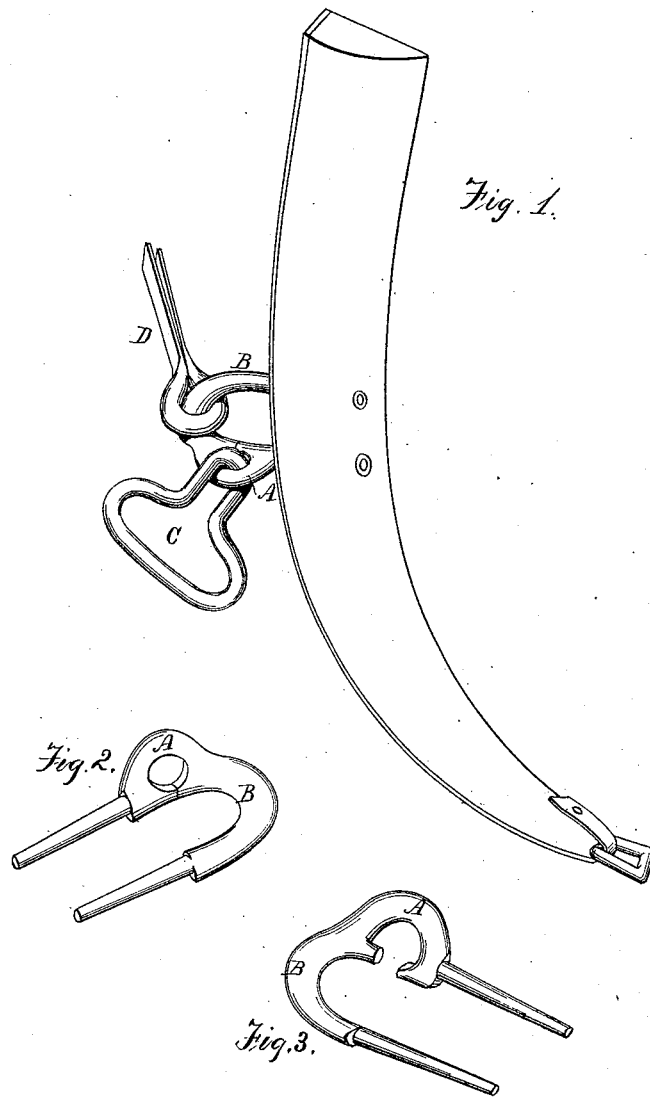


G. J. LETCHWORTH  
HAME-STAPLES.

No. 194,969.

Patented Sept. 11, 1877.



Witnesses;

*A. M. Cooper*  
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Inventor.

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# UNITED STATES PATENT OFFICE.

GEORGE J. LETCHWORTH, OF BUFFALO, NEW YORK.

## IMPROVEMENT IN HAME-STAPLES.

Specification forming part of Letters Patent No. 194,969, dated September 11, 1877; application filed February 23, 1877.

*To all whom it may concern:*

Be it known that I, GEORGE J. LETCHWORTH, of the city of Buffalo, county of Erie and State of New York, have invented a new and useful Improvement in Hame-Staples, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a view of the portion of the hame provided with my improved staple. Fig. 2 is a view of the staple detached. Fig. 3 is a view of the staple as first cast or made, with the attachment A open.

Similar letters of reference indicate corresponding parts in the three figures.

The mode generally adopted of attaching holdback-rings to hames is to pass the stem of the eye, to which the ring is applied, through the hame from the front to the rear side, and rivet it in place. The cutting of a hole through the wood greatly weakens the hame, which not unfrequently breaks or splits at the point where the stem of the holdback passes through, owing to the strain which is brought upon it.

This I propose to remedy by securing the metal holdback-ring C to the staple B, which I make of one piece of metal, with a recess or projection-piece, A, extending from one of the legs or prongs of the staple, and which I make of such a form as to admit of the ring or holdback being welded or formed complete before it is put in its place—this being a great saving of labor in the manufacture.

This extension-piece or recess may be made of any desired form, so as to extend out and over the face of the collar to any required position.

The holdback C, passing through the opening of the projection-piece A, is retained in its proper position away from the face of the col-

lar, and out of the way of the clip D, to which the harness-tug is attached.

In manufacturing my staple, I first form or cast it in the shape represented in Fig. 3, with the attachment or recess A opened. The holdback C, made in the form of a ring, or of any desired shape, is welded or made complete, and then placed in the opening of the extension-piece A, and the leg of the staple is then brought to its proper position, when the attachment will be found complete.

I am aware that the attaching of a holdback to a hame-staple is not new; that the same thing has been accomplished in other ways. I also do not claim as novel the forming of a recess in the prong of the staple for the reception of the holdback-ring; but never before, to my knowledge, has a staple of this kind been constructed of a single metal piece of such shape as to admit of the holdback-ring being welded or made complete before it is put in its place, and also when the staple is driven into the wood the ring is brought over on the face of the hame.

My improvement admits of a very cheap construction, and at the same time has a neat finish, and both ring and staple are in just the best possible position they can be placed for the respective work they have to do.

Having now thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

An improved article of manufacture, consisting of the hame-staple B, made of one piece of metal, and formed with an open eye, A, adapted to hold the ring C when closed, substantially as described.

GEORGE J. LETCHWORTH.

Witnesses:

S. W. SOEGERE,  
WM. P. DARLING.