

J. THORNTON.

HAMES.

No. 170,208.

Patented Nov. 23, 1875.

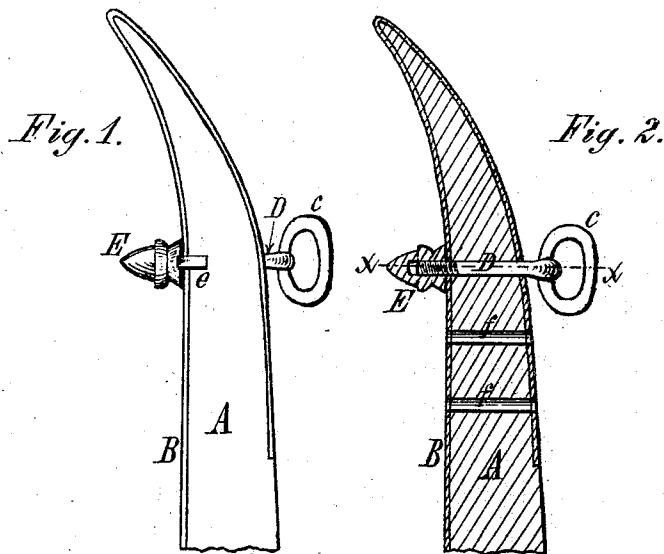


Fig. 3.

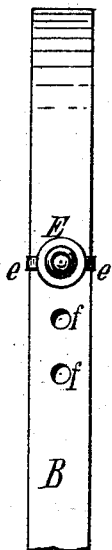
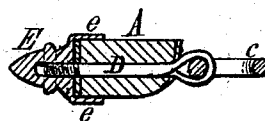


Fig. 4.



Edward Wilhelm
 Leg Buchhut
 Witnesses

James Thornton, Inventor
 By Jay Bryant, Att'y

UNITED STATES PATENT OFFICE.

JAMES THORNTON, OF WELLSVILLE, ASSIGNOR OF ONE-FOURTH HIS RIGHT
TO PRATT & LETCHWORTH, OF BUFFALO, NEW YORK.

IMPROVEMENT IN HAMES.

Specification forming part of Letters Patent No. **170,208**, dated November 23, 1875; application filed
October 12, 1875.

CASE A.

To all whom it may concern:

Be it known that I, JAMES THORNTON, of Wellsville, in the county of Allegany and State of New York, have invented certain Improvements in Hames, which improvements are fully set forth in the following specification, reference being had to the accompanying drawing.

My invention relates to an improved means for securing the ring or loop to which the upper hame-strap is attached to the top of the hame in a secure manner, while being readily adjustable.

In the accompanying drawing, Figure 1 is a side elevation, Fig. 2 a vertical section, and Fig. 3 a front view of the top portion of a hame provided with my improvements. Fig. 4 is a cross-section in line *x x*, Fig. 2.

Like letters of reference designate like parts in each of the figures.

A represents the wooden portion of the hame, made in the usual form; and B, the metallic back-strap. *c* is one of the rings or loops, to which the upper hame-strap is attached. It is connected to the inner end of a bolt, D, provided at its outer end with a screw-thread, which engages with a screw-nut, E. The bolt D is inserted in one of a series of holes, *f*, drilled horizontally through the top of the hame at suitable distances apart.

The nut E is provided with two ears, *e e*, bent over the sides of the hame, as clearly shown in Figs. 1 and 4, so as to prevent the nut from turning. Upon placing the nut against the outer side of the hame, coincident with one of the holes *f*, and inserting the bolt D into the respective hole, so that its thread engages with that of the nut, and taking hold of the ring *c*, the bolt D is readily screwed home and secured to the hame, as the ears *e* prevent the nut from turning with the bolt. The nut E may be of any desired ornamental form, and the bolt D may project through the same or not, as may be desired. As the top of the hame is tapering, the holes *f* are not all of the same length, to which the length of the bolt is readily adjusted by means of the screw nut and thread, the ears *e* preventing the nut E from working loose by the jars to which the hame is subjected.

What I claim as my invention is—

The combination, with the hame provided with the hole *f*, of the ring C, screw-bolt D, and nut E, having ears *e e* bent over the sides of the hame, substantially as and for the purpose hereinbefore set forth.

JAMES THORNTON.

Witnesses:

DAN SUTFIN,
B. H. ROLPH.