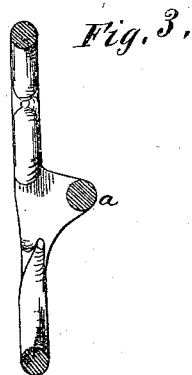
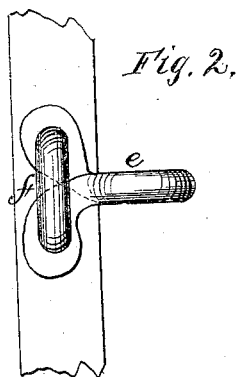
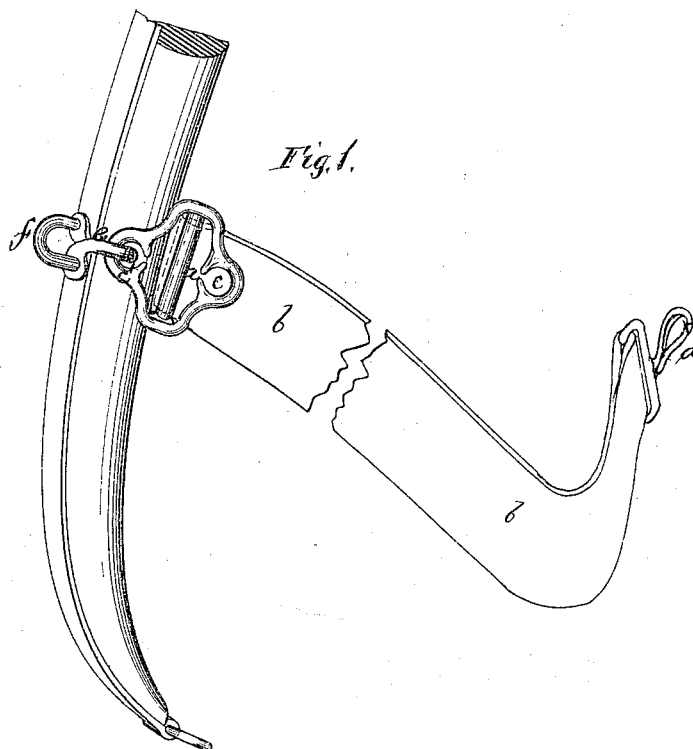


Thornton & Latta,

Machines.

No. 113,462,

Patented Apr. 4, 1871.



Witnesses:

Geo. W. Puler
W. S. Henderson

Inventors:

James Thornton and
E. S. Latta,
By Geo. W. Rothwell
Att'y.

UNITED STATES PATENT OFFICE.

JAMES THORNTON AND EMMIT G. LATTA, OF WELLSVILLE, NEW YORK.

IMPROVEMENT IN ATTACHMENTS TO HAMES.

Specification forming part of Letters Patent No. **113,469**, dated April 4, 1871.

To all whom it may concern:

Be it known that we, JAMES THORNTON and EMMIT G. LATTA, both of Wellsville, in the county of Allegany and State of New York, have invented a new and useful Improved Attachment for Hames; and we do hereby declare the following to be a full, clear, and exact description thereof sufficient to enable those skilled in the art to which our invention appertains to fully understand and to make and use the same, reference being had to the accompanying drawing, forming part of this specification, and in which—

Figure 1 is a perspective view of a portion of a hame provided with our improved attachment. Fig. 2 is a side view, showing the improvement in attaching the breast-strap ring; and Fig. 3, a central longitudinal section of the ring.

Our invention consists, first, in constructing the breast-strap ring with a sunken bar for the attachment of the breast-strap, and with eyes, so that the snap at the end of the strap can be hooked into the same ring to which the strap is fastened when the hames are not in use.

Secondly, the invention consists in the attachment of the ring directly to the staple in the hame by means of a metallic eye or loop having its ends bent in opposite directions, as hereinafter more fully described.

We will now proceed to describe our invention in detail, referring to the drawing, in the several figures of which similar letters of reference indicate like parts.

We make our ring substantially in the form shown in the drawing. It is cast with a cross-bar, *a*, sunken or removed a short distance from the body of the ring for the attachment of the breast-strap *b*. When the ring is thus made and the strap attached, an eye, *c*, is left on the outside of the strap, into which the snap *d* at the other end of the strap may be hooked when not in use. In this way both ends of the strap may be fastened to the same

ring; whereas with rings as heretofore constructed the permanent securing of the strap covers up the eye, so as to prevent the hooking of the snap.

The eyes *c c'* are formed by casting short curved projections on the inner surface of the ring. This provision keeps the snap in place when hooked, and prevents the ring from kinking and getting fast in the hame-loop *e*.

The ring is attached to the hame by means of a loop, *e*, formed of a piece of round metal, having flattened ends, bent in opposite directions outward, and made with holes, through which the legs of the ordinary staple *f* are inserted and driven into the wood, thus rigidly securing the loop with the ring.

By this method of attachment we avoid the boring of a separate hole through the hame, as has been heretofore practiced, with the effect of greatly weakening the wood at the point where it should be strongest.

We do not claim, broadly, a ring provided with a sunken bar, nor the attachment of the hame-loop by means of the ordinary staple, as instances of these, thus broadly considered, may be found; but, as our invention consists in the peculiarities herein described,

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

1. A breast-strap ring cast with a sunken bar, *a*, and with projections forming eyes *c c'*, substantially as herein shown and described, for the purposes specified.

2. The improved attachment for hames composed of the ring with sunken bar *a* and eyes *c c'*, the hame-loop *e*, and staple *f*, all constructed substantially as described, and applied to the hames in the manner specified.

JAMES THORNTON.
EMMIT G. LATTA.

Witnesses:

EDWIN PRESTON,
DWIGHT GOODRICH.