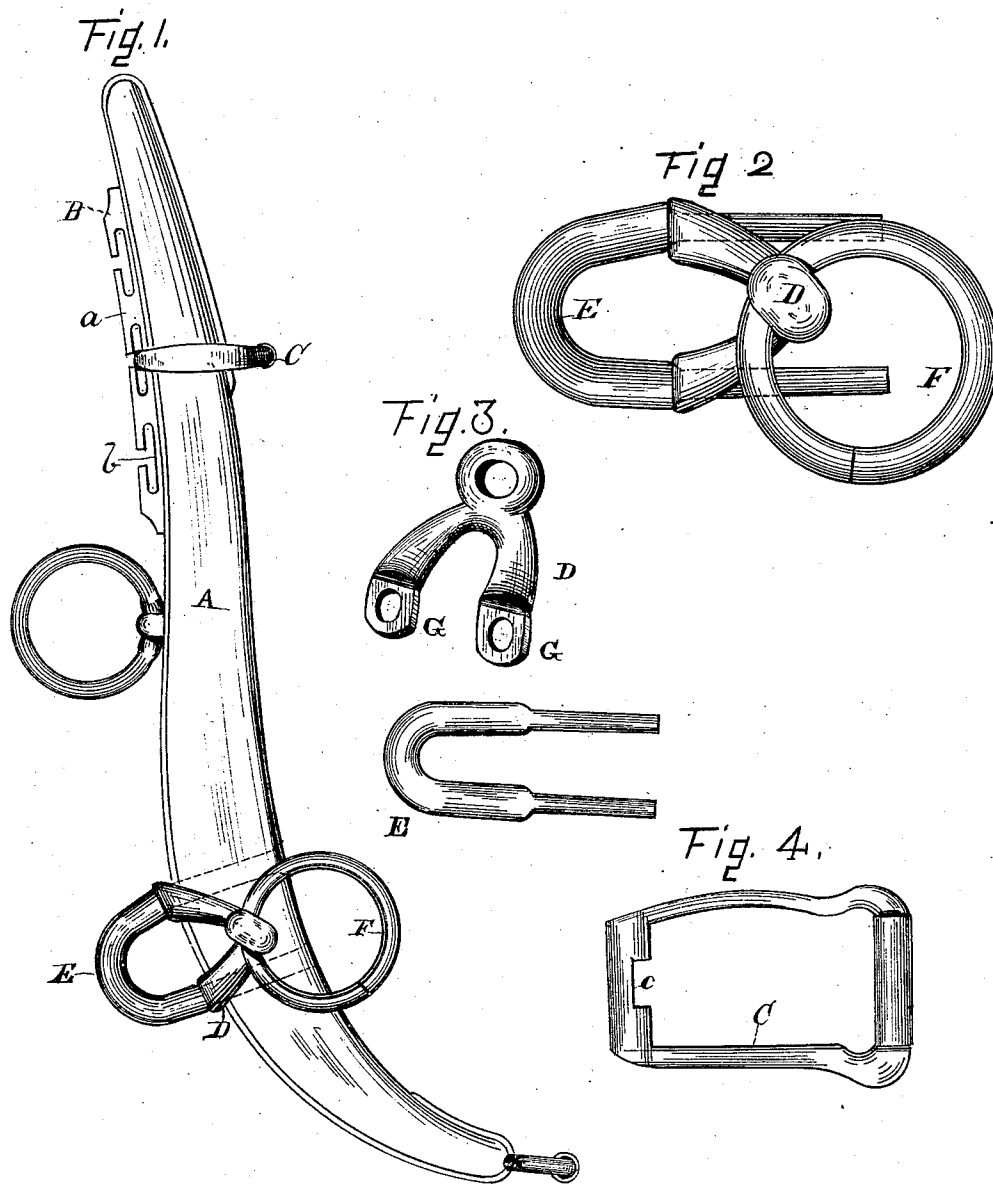


(No Model.)

L. E. JONES.
Hame Fastener.

No. 237,665.

Patented Feb. 8, 1881.



WITNESSES:

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HAME-FASTENER.

SPECIFICATION forming part of Letters Patent No. 237,665, dated February 8, 1881.

Application filed January 10, 1881. (No model.)

To all whom it may concern:

Be it known that I, LLEWELLYN E. JONES, a citizen of the United States, residing at Syracuse, in the county of Onondaga and State of New York, have invented a new and useful Improvement in Hame-Fasteners, of which the following is a specification.

My invention relates to fasteners for both the top and bottom of harness, and the details of construction will be presently pointed out, so that any person skilled in the art may construct and use the same.

In describing my improvements reference is had to the accompanying drawings, in which—

Figure 1 is a front elevation of a hame with my improved fasteners applied. Fig. 2 is a top-plan view of the clip and ring. Fig. 3 is a detached view of the clip and staple by which it is secured to the hame. Fig. 4 is a separate view of the clevis.

The same letters of reference indicate like parts in all the figures.

A represents the hame, which is of ordinary construction. Near the top, on the outside thereof, is secured, by screws, rivets, or other suitable fastenings, the plate B. This plate is formed with a series of T-shaped lugs or projections, *a*, arranged, in succession, with their top bars a little distance from each other for the admission of the clevis C, as will be hereinafter described. It will be observed that this arrangement of the T-projections leaves oblong recesses, in which the bar of the clevis may play, and as these recesses are slightly above the base of the plate B a bridge is formed on which the reduced portion *c* of the clevis (see Fig. 4) is adapted to ride.

The clevis C is formed with one straight side bar, and the other curved to adapt it to the form of the hame. The one end bar of the clevis is cylindrical, or nearly so, while the other is provided with a recess or depression, *c*. The purpose of this recess is to prevent the accidental disengagement of the clevis from the plate B, and this is accomplished by making the portion of the clevis *c* of such thickness that it will easily pass between the ends of any of the T-lugs and fall into the oblong slot; but the end bar is of such thickness elsewhere that it cannot be inserted between the ends of the lugs. The recess is also made of such width that the clevis will ride freely on

the bridge or base portion of the plate B. It will be seen that the clevis can be readily attached intentionally, but that it cannot be accidentally detached, for the reason that the reduced portion of the end bar of the clevis must be brought into one of the openings between the ends of the lugs—a position it would never assume in actual use.

Fastenings with a clevis have heretofore been impracticable for the reason that the clevis was frequently lost, and the common strap-fastening had then to be resorted to. This difficulty is wholly obviated by my improvement.

I will now proceed to describe the bottom fastening. (Shown applied to the hame in Fig. 1 and detached in Figs. 2 and 3.)

The clip D is made in skeleton form, and consists of two angular arms, preferably semi-cylindrical in cross-section, and having their ends G G at right angles to the arms, or nearly so, and perforated for the passage of the staple E. The arms of the clip are curved to conform to the shape of the hame, and where they meet is a loop or eye, which is arranged diagonally, and which is adapted to receive the ordinary ring F. The clip is secured to the hame by the staple E, the legs of which are passed through the perforations in the ends G G, and through holes made transversely of the hame, as shown in dotted lines in Fig. 1, and the ends of the staple are upset in a manner well known.

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

1. A hame-fastener consisting of a plate provided with T-shaped projections or lugs arranged adjacent to each other, in combination with a clevis with one of its end bars having a recess or depression, substantially as set forth.

2. A hame-fastening consisting of the clip D, having two arms arranged at an angle to each other, and having the perforated lugs G G and the diagonal loop or eye, as described, in combination with the staple E and ring F, as set forth.

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Witnesses:

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