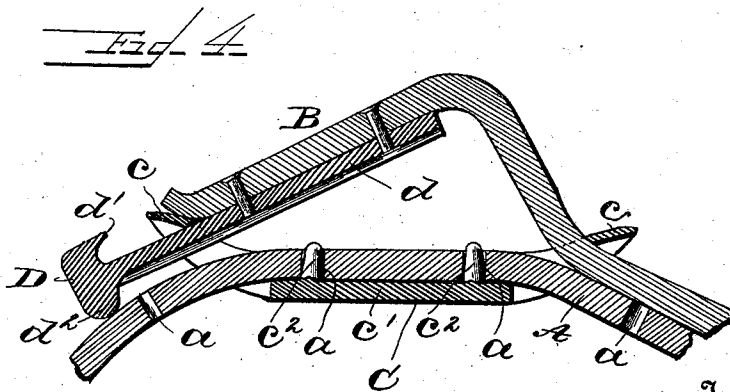
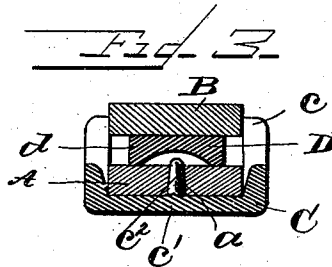
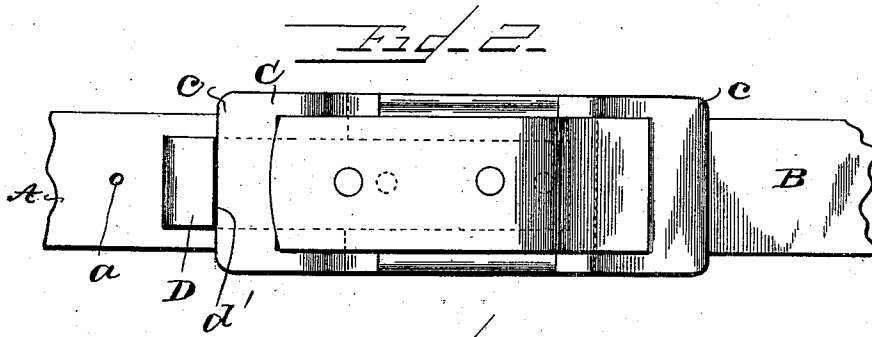
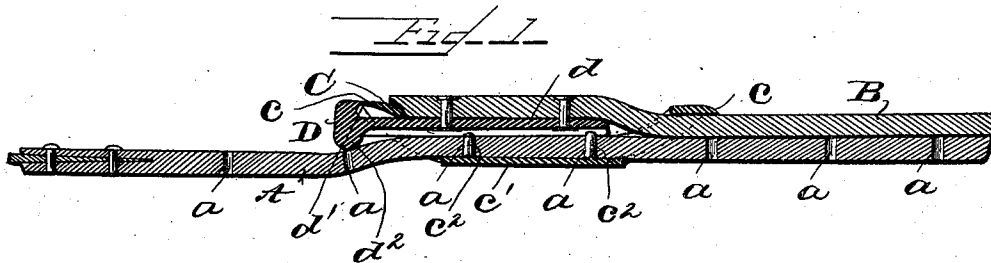


(No Model.)

W. P. GELABERT.
HAME TUG FASTENING.

No. 543,240.

Patented July 23, 1895.



Witnesses
G. A. Kauberschnitt
J. D. Kingsbury.

C
 Inventor
 William P. Gelabert
 By
 Whitaker & Parost
 Attorneys.

UNITED STATES PATENT OFFICE.

WILLIAM PETER GELABERT, OF SWEET SPRINGS, MISSOURI, ASSIGNOR OF
ONE-HALF TO WILLIAM T. PRIGMORE, OF SAME PLACE.

HAME-TUG FASTENING.

SPECIFICATION forming part of Letters Patent No. 543,240, dated July 23, 1895.

Application filed April 16, 1895. Serial No. 545,852. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM PETER GELABERT, a citizen of the United States, residing at Sweet Springs, in the county of Saline and State of Missouri, have invented certain new and useful Improvements in Hame-Tug Fastenings; and I do hereby 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.

My invention is an improvement in hame-tug fastenings; and it consists in the novel features hereinafter fully described, reference being had to the accompanying drawings, which illustrate one form in which I have contemplated embodying my invention, and said invention is fully disclosed in the following description and claims.

Referring to the said drawings, Figure 1 represents a sectional view of my improved hame-tug fastening. Fig. 2 is a top plan view of the same. Fig. 3 is a transverse sectional view of the same. Fig. 4 is a side elevation of the device, showing it in open position to permit the adjustment of the hame-tug.

In the drawings, A represents the hame-tug, which is provided at one end with suitable means for attaching it to the hame and with a series of holes or perforations *a a*.

B represents the trace which is to be attached to the hame-tug.

C is the attaching-clip, which consists of a rectangular-shaped frame, having end bars *c c* in a higher plane than its central portion, the central portion of the side bars of the frame being united by a web or plate *c'*. The web or plate *c'* is provided centrally with one or more lugs or projections in the hame-tug A.

The forward end of the trace B is provided with a hook, which is adapted to engage the clip C, and is so constructed that it cannot be accidentally disengaged therefrom. In this instance I have shown a broad hook D, having a shank *d*, which is riveted or otherwise rigidly secured to the end of the trace B. The end of the hook D is formed on its outer face with an overhanging rearwardly-extending portion *d'*, which forms the hook, and on its

inner side with a rib or projection *d²*, which I term the "locking-rib," which bears against the hame-tug, and thus causes the latter to press the hook outwardly and hold it in engagement with one of the cross-bars *c* of the clip C.

In putting the parts together the clip will be placed on the hame-tug with its lugs *c²* in engagement with certain of the perforations *a a* of the same. The hook D of the trace will then be passed beneath the rear cross-bar *c* of the clip and then under the front cross-bar *c* by holding the parts in the positions shown in Fig. 4. When the parts are straightened out, as shown in Fig. 1, the hook D will engage the front cross-bar *c* and the two parts of the tug will be firmly coupled together. As will be seen the engagement between the hame-tug and the rib *d²* on the inner side of the hook causes the hame-tug to press the hook outwardly and hold it from becoming disengaged from the clip.

When it is desired to lengthen or shorten the tug, the trace will be seized between the two cross-bars of the clip and pulled outwardly, as shown in Fig. 4, when the hame-tug can be disengaged from the projections of the clip and moved so as to bring other apertures of the hame-tug into engagement with the said projections when the parts are returned to their normal positions, as shown in Fig. 1. This improved hame-tug fastening is very simple, can be cheaply made, is very durable, and can be readily operated when desired to adjust the length of the tug.

What I claim, and desire to secure by Letters Patent, is—

1. In a hame tug fastening, the combination with the tug, of a clip provided with attaching projections and a cross bar in a different plane of said projection and the trace adapted to overlie the ends of said projections and provided with a hook for engaging said cross bar, substantially as described.

2. In a hame tug fastening, the combination with the tug, of a clip provided with attaching projections and cross bars in a different plane from said projections, and the trace adapted to pass beneath said cross bars and

to overlie the ends of said projections, said trace having a hook for engaging one of said cross bars, substantially as described.

3. In a hame tug fastening, the combination
5 with a hame tug, of a clip provided centrally with a face having attaching projections, and at each end with a cross bar in a different plane from said face, the trace, and a hook secured to said trace adapted to engage one of

said cross bars, and having a locking rib on its rear face for engaging a portion of the hame tug, substantially as described.

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

WILLIAM PETER GELABERT.

Witnesses:

PHILIP WASEM,
W. H. REAVIS.