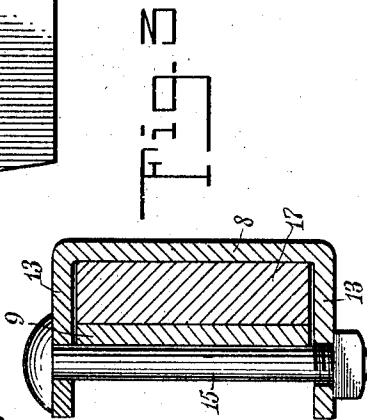
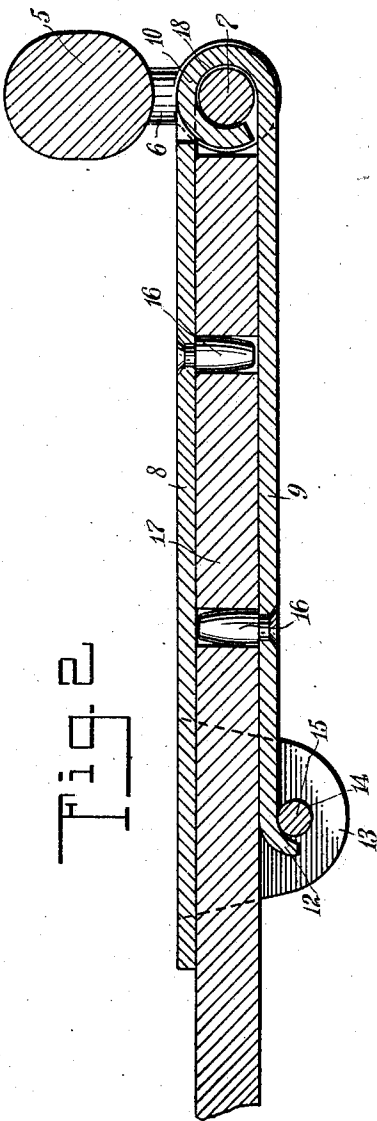
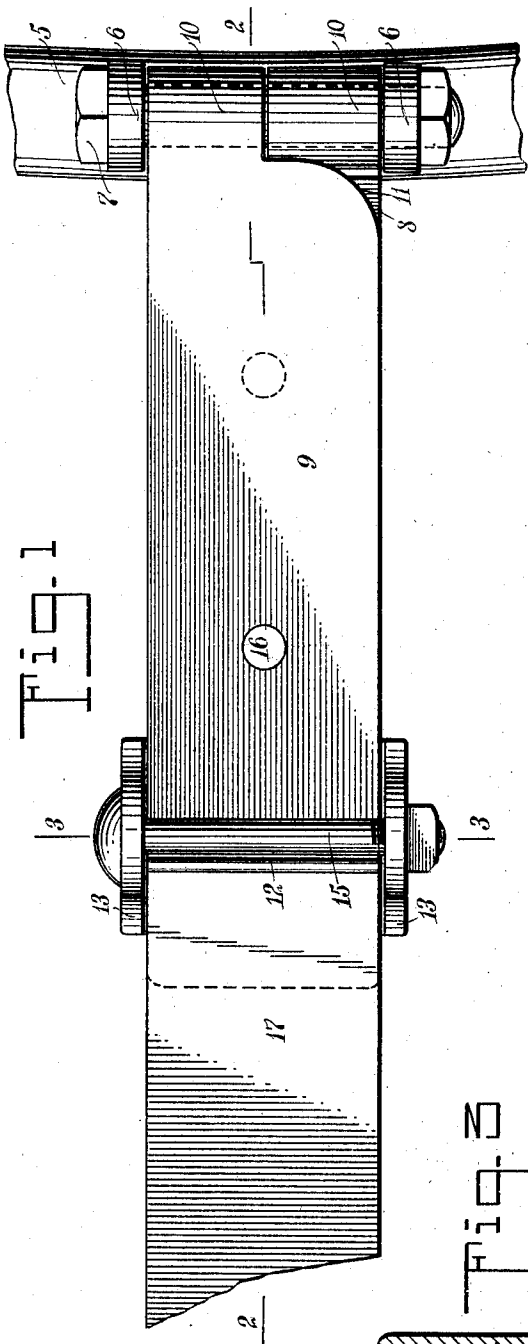


S. J. LUTZ.
DEVICE FOR FASTENING TUGS TO HAMES.
APPLICATION FILED FEB. 9, 1910.

980,543.

Patented Jan. 3, 1911.



WITNESSES:
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UNITED STATES PATENT OFFICE.

SAMUEL JEROME LUTZ, OF EL PORTAL, CALIFORNIA.

DEVICE FOR FASTENING TUGS TO HAMES.

980,543.

Specification of Letters Patent.

Patented Jan. 3, 1911.

Application filed February 9, 1910. Serial No. 542,873.

To all whom it may concern:

Be it known that I, SAMUEL J. LUTZ, a citizen of the United States, and a resident of El Portal, in the county of Mariposa and State of California, have invented a new and Improved Device for Fastening Tugs to Hames, of which the following is a full, clear, and exact description.

My invention relates to means for securing tugs to hames, and it has for its object to provide a fastening which may be readily used to secure to the hames the tugs, without weakening the tugs by stitching and without the necessity of depending upon tools other than those of the simplest kind.

Still other objects of the invention will appear in the following complete description.

In this specification I will describe the preferred form of my invention, it being understood that the scope of the invention is defined in the appended claim.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views, and in which—

Figure 1 is a side elevation of my fastener; Fig. 2 is a sectional view on the line 2—2 of Fig. 1; and Fig. 3 is a sectional view on the line 3—3 of Fig. 1.

By referring to the drawings it will be seen that the hame 5 is of the usual type, with the lugs 6 having the usual orifices in which a bolt 7 is disposed. My fastener consists of two leaves 8 and 9, each having a knuckle 10 disposed substantially across one-half of one set of the terminals of the leaves respectively, so that the knuckles may be disposed one over the other with the leaves disposed side by side. Each of the leaves 8 and 9 is cut away as at 11, at the side of each knuckle respectively, so that the leaves may be moved to and from each other with little or no friction against the knuckles 10 respectively. The leaf 9 is not as long as the leaf 8 and it has its terminal 12 bent away from the leaf 8. The leaf 8 is provided with lugs 13, one on each side, these lugs 13 projecting toward the leaf 9 and having orifices 14 therein, in which is disposed a bolt 15, adapted to contact against the outer side of the leaf 9 in close proximity to the bent terminal 12. Each of the leaves

8 and 9 has a spur 16, these spurs 16 projecting inwardly.

In using my invention, a tug 17 is disposed between the leaves 8 and 9, the bent terminal 12 of the leaf 9 being disposed under the bolt 15 when the knuckles 10 and the leaves are together, which causes the spurs 16 to penetrate the tug 17. When these knuckles 10 have been forced together so that their orifices 18 are in alinement, they are disposed between the lugs 16 and the bolt 15 is adjusted in place through the orifices 18 of the knuckles 10, the tug 17 being firmly secured to the hame 5 by this method.

As it is not necessary to stitch the tug 17 in any way in order to secure it to the hame 5, the tug is not weakened, and inasmuch as a teamster may readily carry on his wagon the leaves 8 and 9 provided with the spurs 16 and the bolt 15, it is possible for him readily and without the use of tools other than those of the simplest character, to quickly repair the harness when the tug, secured by any other method, has become torn away from the hame. The teamster may therefore repair his harness very quickly without sending it to the harness maker and at little expense.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

In a device for fastening tugs to hames, two leaves, the bodies of which are substantially flat and are normally disposed substantially parallel to each other, each of the leaves having a knuckle and orifices which normally register with each other, lugs with orifices on one of the leaves, projecting in the direction of the other leaf, the other leaf having a terminal which is flared, and a bolt disposed in the orifices in the lugs and over the last-mentioned leaf at its flared portion, the said bolt serving as a pivot for the leaf having the flare, while permitting it to be removed from the leaf with the lugs, without necessitating the removal of the bolt.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

SAMUEL JEROME LUTZ.

Witnesses:

C. A. BABB,
ALEX. MACBRIDE.