(No Model.)

J. H. McKENZIE.

HAME TUG.

No. 406,529. Patented July 9, 1889.

Fig. 1.

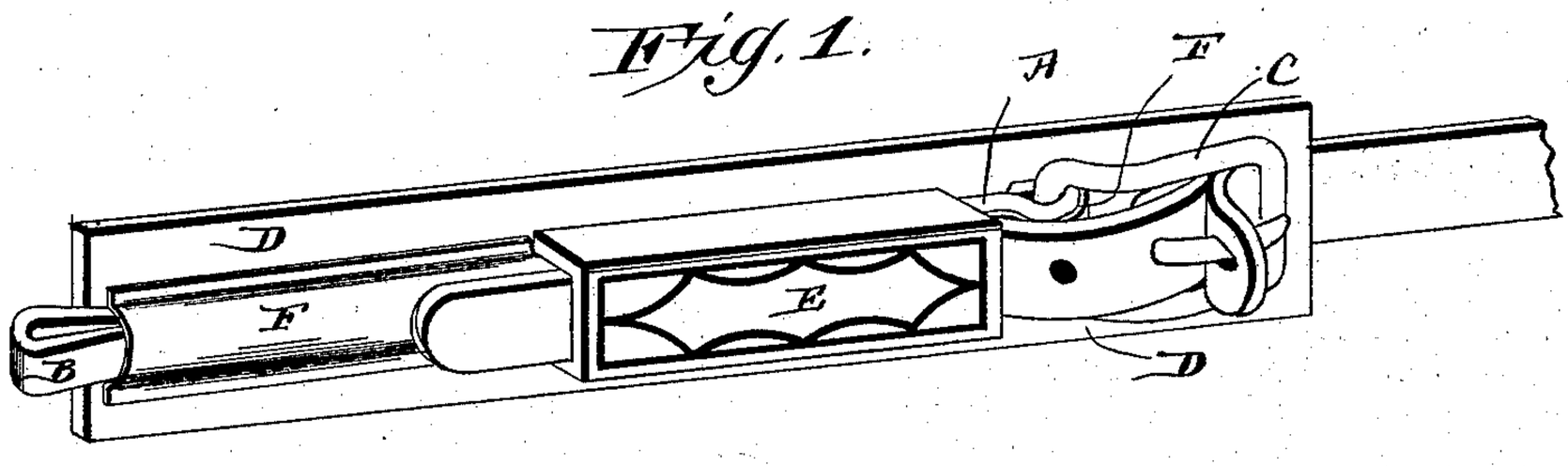


Fig. 2.

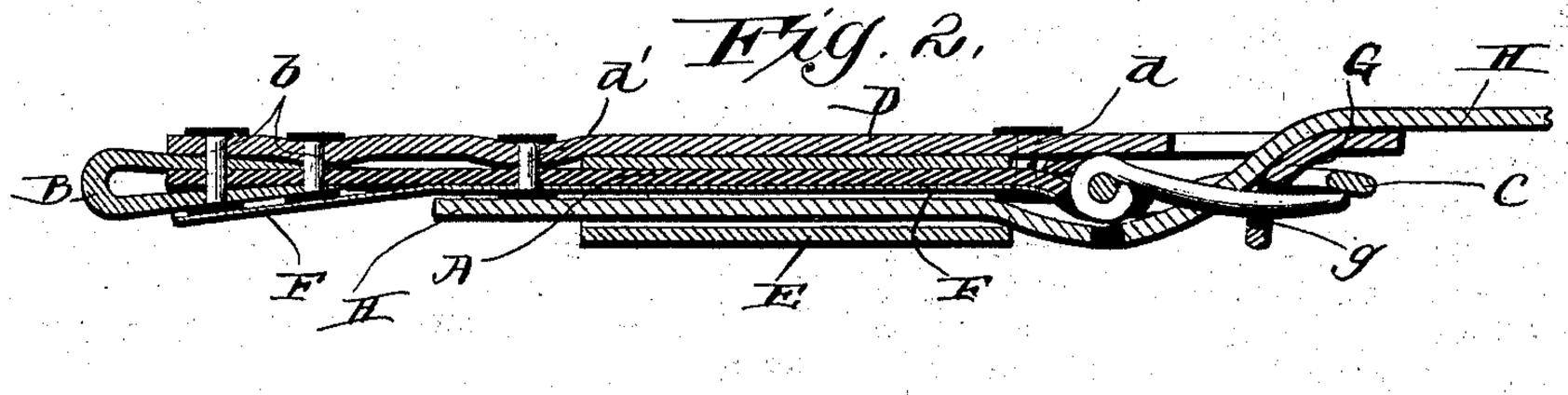


Fig. 3.

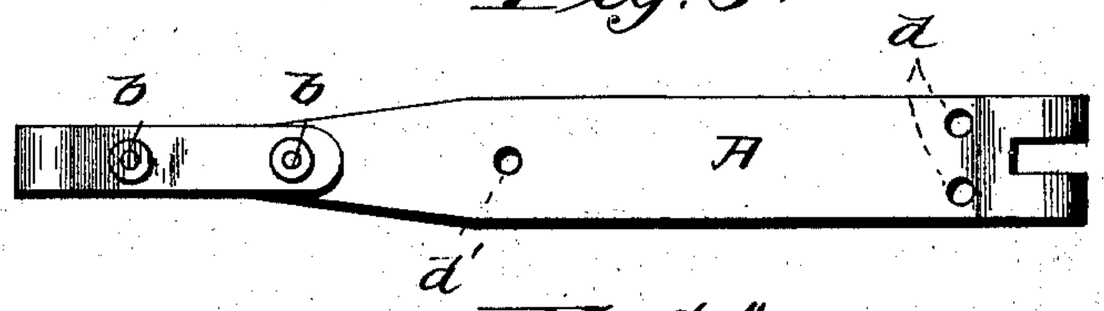
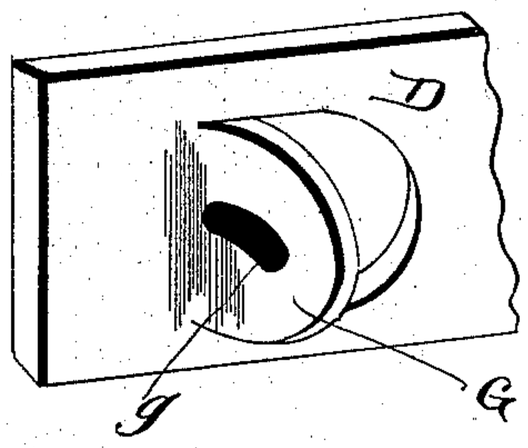


Fig. 4.



Witnesses

Inventor
Joseph H. McKenzie

By his Attorneys

UNITED STATES PATENT OFFICE.

JOSEPH HYDER McKENZIE, OF TYLER, ASSIGNOR OF ONE-HALF TO LESLIE A. SEYMOUR, OF EUREKA, TEXAS.

HAME-TUG.

SPECIFICATION forming part of Letters Patent No. 406,529, dated July 9, 1889.

Application filed February 27, 1889. Serial No. 301,308. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH HYDER McKENZIE, a citizen of the United States, residing at Tyler, in the county of Smith and State of Texas, have invented new and useful Improvements in Hame-Tugs, of which the following is a specification.

The invention relates to improvements in hame-tugs; and it consists in a certain novel construction and combination of devices fully described hereinafter in connection with the accompanying drawings, and specifically pointed out in the claims.

In the drawings, Figure 1 is a perspective view of a hame-tug embodying the invention. Fig. 2 is a longitudinal sectional view of the same. Fig. 3 is a view of the stiffening-bar detached. Fig. 4 is a view of the rear end of the shield, showing the formation of the trace-guard.

Referring by letter to the drawings, A designates a metallic stiffening-bar, to one end of which is attached the loop B, which is engaged with the hame-clip, and the trace-buckle C is affixed to the other end of the said bar. A flat leather shield D is affixed to the inner side of the bar A at its rear end by the rivets *d d* and at its front end by the rivets *b b*, which attach the loop to the bar. A rivet *d'* extends through the bar and the shield at an intermediate point thereof, and a box-loop E embraces the bar between the rivets *d* and the rivet *d'*, and is held thereby from longitudinal movement on the bar. The shield bears against the inner side of the said box-loop and holds the outer side of the latter away from the stiffening-bar and in position to have a strap passed therethrough. A flexible thin leather cover or protector F is arranged over the stiffening-bar throughout its length, and is secured thereto at its rear end by the rivets *d* and *d'*. At its front end, without the box-loop, the edges of this cover or protector are stitched to the shield on opposite sides of the bar. When the loop on the front end of the stiffening-bar becomes worn, so that it must be replaced, the front portion of the cover or protector is ripped from the shield in order to expose the said loop.

G represents a trace-guard, which is preferably struck up from the shield near its front end and projects up into the loop of the trace-buckle, and the tongue *c* of the said buckle extends through a longitudinal slot *g* in the said guard. The trace H extends through the loop of the buckle in front of the guard, and is held by the latter out of contact with the free end of the said loop, whereby chafing and wear are avoided. The slot in the guard permits free movement on the tongue of the buckle.

Having thus described the invention, I claim—

1. In a hame-tug, the combination, with the bar provided at one end with a buckle, of the shield secured to the inner side of the bar and provided with an outward-extending guard, which extends through the loop of the buckle and is provided with a slot for the reception of the tongue of the buckle, substantially as specified.

2. In a hame-tug, the combination of the stiffening-bar A, provided at one end with a buckle and at the other end with a loop B, the shield D, attached to the inner side of the said bar and extending to the outer end of the buckle and provided with the guard G, the box-loop secured to the stiffening-bar, and the cover or protector F, secured over the said bar to conceal the same, substantially as specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

JOSEPH HYDER McKENZIE.

Witnesses:

GEO. C. WILLIAMS,

WILL A. WOLDENT.