

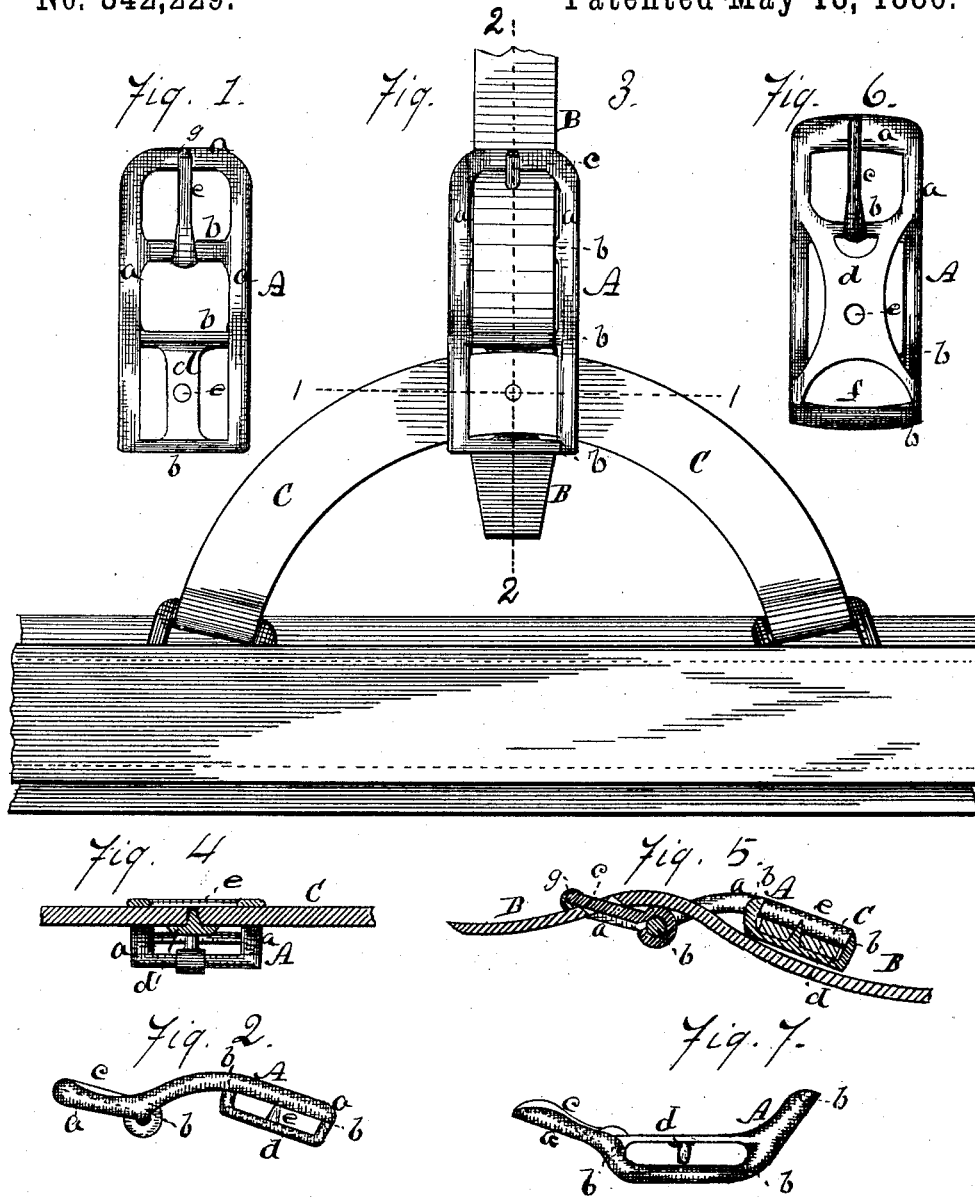
(No Model.)

S. S. SARGEANT.

HIP STRAP ATTACHMENT FOR HARNESS.

No. 342,229.

Patented May 18, 1886.



Witnesses.

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UNITED STATES PATENT OFFICE.

SAMUEL S. SARGEANT, OF NEWARK, NEW JERSEY.

HIP-STRAP ATTACHMENT FOR HARNESS.

SPECIFICATION forming part of Letters Patent No. 342,229, dated May 18, 1886.

Application filed January 25, 1886. Serial No. 189,648. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL S. SARGEANT, of Newark, in the county of Essex and State of New Jersey, have invented an Improved Hip-Strap Attachment for Harness; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making part of this specification.

The purpose of my invention is to make a better and more convenient connection between the hip-strap and breeching stays or braces, and to cheapen the construction of the parts, and this purpose is effected in the manner herein set forth.

Figure 1 of the drawings represents a top or front view of my improved buckle for this purpose. Fig. 2 is a side edge view of the same; Fig. 3, a front view of the buckle with the hip-strap and breeching-stays connected thereby in place; Fig. 4, a transverse section in a plane indicated by the line 1 1, Fig. 3; Fig. 5, a transverse section in a plane indicated by the line 2 2, Fig. 3; Fig. 6, a top view of a modified construction of the buckle; Fig. 7, a side edge view of the same.

Like letters designate corresponding parts in all the figures.

In the drawings, A represents the improved buckle, B the hip-strap, and C the breeching stays or stay, rather, since one piece of leather serves for the whole stay with the use of this improved buckle.

The buckle A is constructed with a frame, *a*, forming a proper outline of the buckle; three cross-bars, *b b b*, one extending across the buckle at the proper distance from the upper end to receive and furnish a pivot for the tongue *c*, the point of which bears against the upper end of the buckle-frame, and between the other two cross-bars, one of which may be at the lower end of the frame, a central longitudinal bar, *d*, extends, joined to each, but depressed below the cross-bar and sides of the frame, so that the single breeching-stay C may be inserted under the sides of

the frame and over this longitudinal bar, from about the center of which a pin or stud, *e*, projects upward to fit in a hole of the breeching-stay passed over the bar.

Instead of a stud or pin formed integral with the longitudinal bar there may be a hole in the said bar, as shown in Fig. 6, to receive a rivet to be passed through it and the stay, the rivet thus being the equivalent of a tongue, stud, or pin. The tongue *c* of the buckle enters one of the buckling-holes of the hip-strap.

In Figs. 6 and 7 the longitudinal bar *d* extends between the two middle cross-bars *b b*, one being the tongue-bar. The effect is the same as in the form of buckle first described. In this modified construction I show a hole, *e*, for the reception of a rivet instead of having a fixed stud to enter the breeching-stay. The lower end of the buckle may end in a loop, *f*. By this construction a simple and cheap buckle is formed, and material and sewing saved in manufacture, especially by making the breeching-stay in one piece instead of two pieces separately attached to the buckle, according to the ordinary construction.

The tongue *c*, instead of bearing simply on the cross bow or bar of the buckle-frame, drops into a notch, *g*, of the buckle-frame, as shown most clearly in Fig. 5. This prevents the hairs of the horse's tail from catching under the buckle tongue in a simple and effectual manner.

I claim as my invention—

The combination of a buckle, A, having a tongue, *c*, and a longitudinal bar, *d*, for carrying a stud or rivet, *e*, with a breeching-stay, *c*, adapted to be inserted between the said bar and the sides of the buckle-frame, and secured in position by the said stud or rivet, substantially as and for the purpose herein specified.

S. S. SARGEANT.

Witnesses:

E. E. SARGEANT,
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