No. 786,433. PATENTED APR. 4, 1905.

T. G. FOSTER.

HARNESS BREECHING.

APPLICATION FILED MAY 16, 1903.

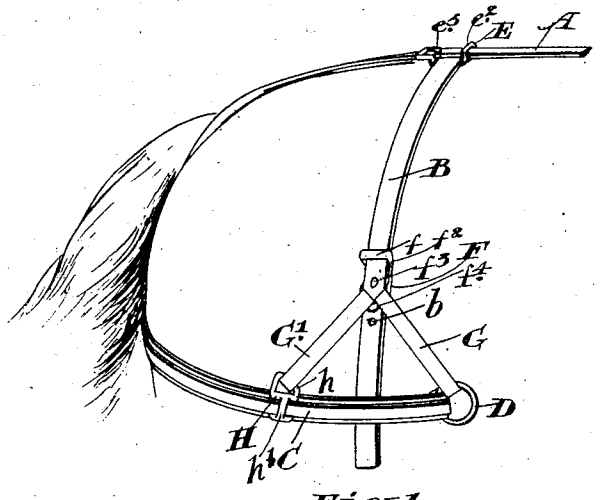


Fig. 1.

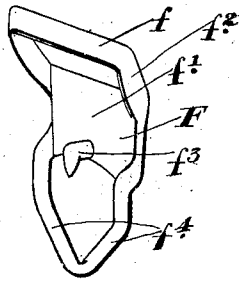


Fig. 2.

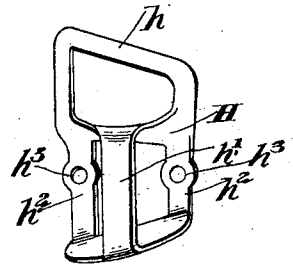


Fig. 3.

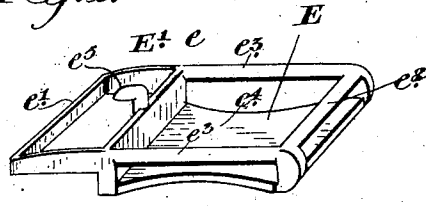


Fig. 4.

Witnesses
H. T. S. Carey.
C. B. Sheffield

Inventor:
T. G. Foster
by Fred. P. Fish & Co.
Atty.

PHOTO-LITHOGRAPHED BY SACHETT & WILHELMS LITHO. & PTG. CO. NEW YORK.

No. 786,433. Patented April 4, 1905.

UNITED STATES PATENT OFFICE.

THOMAS GEORGE FOSTER, OF PETERBORO, CANADA.

HARNESS-BREECHING.

SPECIFICATION forming part of Letters Patent No. 786,433, dated April 4, 1905.

Application filed May 16, 1903. Serial No. 157,506.

To all whom it may concern:

Be it known that I, THOMAS GEORGE FOSTER, of the city of Peterboro, in the county of Peterboro, in the Province of Ontario, Canada, have invented certain new and useful Improvements in Harness-Breechings, of which the following is a specification.

My invention relates to improvements in harness-breechings; and the object of the invention is to improve the construction of the breechings whereby stitching may be dispensed with for the most part; and it consists, essentially, of a breeching having a particular form of buckle connection between the crupper and the center of the hip-strap, a particular form of buckle connection from the hip-strap to the top of the braces connected to the base-strap of the breeching, and a particular form of connection between the rear brace and the base-strap, all as hereinafter more particularly explained.

Figure 1 is a perspective view of portion of the hind quarters of a horse, showing the adaptability of my invention. Fig. 2 is a detail showing the form of connection or buckle between the hip-strap and the top of the braces. Fig. 3 is a detail showing the form of connection between the bottom of the rear brace and the base-strap of the breeching. Fig. 4 is a detail of the buckle connecting the crupper-strap to the hip-strap.

In the drawings like letters of reference indicate corresponding parts in each figure.

A is the crupper-strap, B the hip-strap, and C the base-strap, and D the front ring connected to the base-strap.

E is the upper buckle, which comprises the intermediate cross-bar e, the end cross-bar e', formed at the outer end of the rectangular loop E', and the cross-bar e^2, formed at the opposite end, the side bars e^3 and the bottom plate e^4, situated below the level of the bars e^3 and extending underneath the bar e^2, and the tongue e^5, substantially L-shaped in cross-section.

The hip-strap B passes underneath the bars e^3 and between such bars and the plate, and the crupper-strap passes through the slot formed underneath the bar e^2 and between the plate e^4 over the hip-strap and is provided with a hole, whereby it is held in position by the tongue e^5, such strap passing rearwardly under the bar e' and being formed with the usual back loop, which passes under the tail of the horse.

F is the buckle connection between the braces and the hip-strap, comprising a cross-bar f, connected to the main plate f' by the obliquely-placed sides f^2, a substantially L-shaped tongue f^3 extending from near the bottom edge of the plate f' and the obliquely-arranged converging bars f^4 at the bottom. The hip-strap B is provided with one or more holes b, as indicated, such holes being designed to be passed over the tongues f^3, the hip-strap being passed underneath the cross-bar f and passing downwardly underneath the obliquely-arranged bars f^4, which are set above the body of the plate a sufficient distance to allow the strap to pass freely and yet hold the strap down in position on the tongue f^3.

G is the front brace, which is connected from the front oblique side bar f^3 of the buckle F to the ring D.

G' is the rear brace, which is connected from the rear bar f^4 of the buckle F to the cross-bar h of the plate H.

The plate H comprises the cross-bar h and loop, formed at the upper part of the plate, and the vertical strap h' and side bar h^2, situated to the inside of the strap h' and suitably secured to the base-strap C by suitable rivets through the holes h^3, the strap C passing through the inside of the strap h'.

The ends of the rear braces G and G', of course, are looped and sewed together after being passed over the bars f^4 and h in the usual manner, as this is a permanent connection.

What I claim as my invention is—

A buckle comprising a plate having an obliquely-set top bar to receive the end of an obliquely-arranged strap, substantially vertical side bars, an offset horizontal bottom bar, an offset horizontal intermediate bar and a vertical bar connecting the aforesaid intermediate and bottom bars at their outer edges, whereby a receiving-socket is provided to receive the base-strap of the breeching as specified.

THOMAS GEORGE FOSTER.

Witnesses:

B. BOYD,

C. H. BATE.