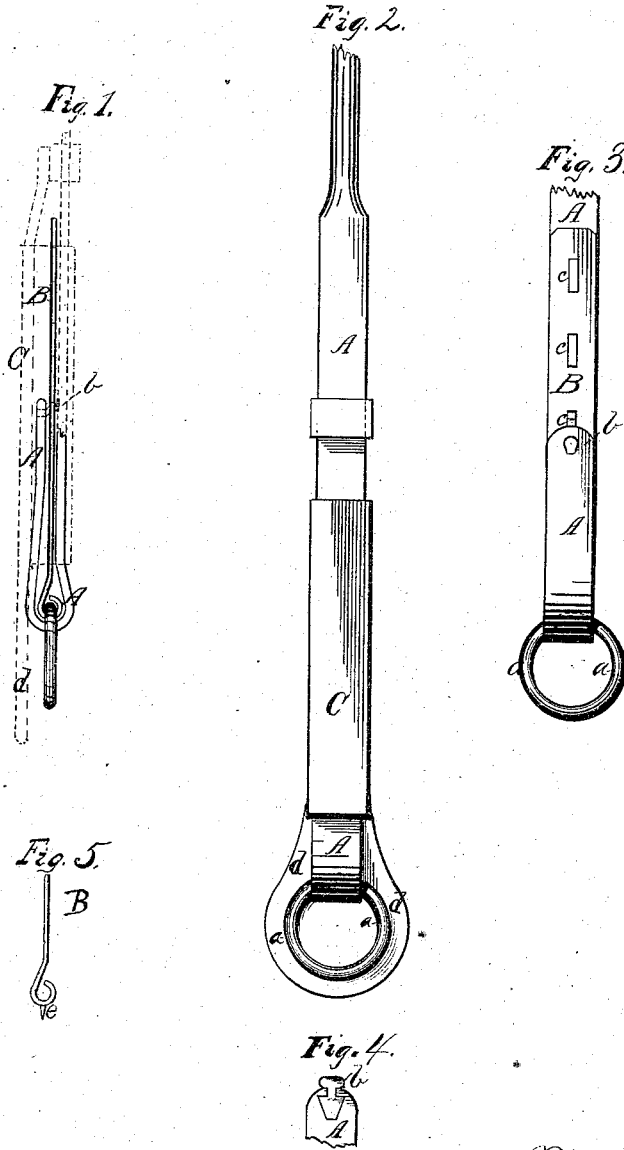


F. CONWAY.
 Harness-Clip.

No. 160,751.

Patented March 16, 1875.



Witnesses:
 J. R. Drake,
 N. N. Parsons

Fredrick Conway
 Inventor, By
 Burke, Tracy & Co.
 Attys.

UNITED STATES PATENT OFFICE.

FREDERICK CONWAY, OF BUFFALO, NEW YORK.

IMPROVEMENT IN HARNESS-CLIPS.

Specification forming part of Letters Patent No. **160,751**, dated March 16, 1875; application filed April 29, 1874.

To all whom it may concern:

Be it known that I, FREDERICK CONWAY, of Buffalo, in the county of Erie and State of New York, have invented certain Improvements in Harness, of which the following is a specification:

This invention consists of a strap passing through a ring, and having at one end a catch or hook, which is adapted to any one of a series of slots in a metallic plate attached to the ring through which the strap passes, whereby the said strap can be adjusted in length, the strap and metallic plate being encircled by a loop or frame having a tug, and adapted to slide, for the purpose of concealing or exposing the said strap and plate, as hereinafter described.

In the drawings, Figure 1 is a side elevation, the tug shown in dotted lines; Fig. 2, a plan, with the catch covered with the loop; Fig. 3, plan of catch, and Figs. 4 and 5 detail views.

A is a leather strap, being part of a harness, one end passing through a ring, *a*, and having fastened on its extreme end a peculiar-shaped catch or hook, *b*, as shown. To the ring is attached, by being bent round it, or in any suitable manner, a long thin metal plate, B, having a series of slots, *c c c*, (see Fig. 3,) and in which the catch *b* on the end of the leather strap is inserted. The catch *b*, having an expanded head, is set into the slot sidewise, and then turned across, thus preventing its being drawn out again until desired to unfasten the harness, when it is turned sidewise

and withdrawn, or set in a higher or lower slot to adjust the length of that part of the harness:—either a neck-strap, breeching, or other part of a harness, as the case may be; but it is especially adapted to a neck and hip strap. C is an oblong, square-sided, loose loop, that slides down over the whole fastening, keeping it in place, rendering it invisible, protecting it from rain, and also preventing the tail of the horse or the lines catching in it. To this loop is attached, on the under side, a tug, *d*, having a smooth back, which transforms the loop into a sliding tug, as described, and keeps the loop and ring from wearing the hair off of the horse, besides aiding in sliding it easily into place.

Fig. 5 indicates a pin, *e*, attached to the plate B, as shown, to set into a buckle-hole in the strap A, to aid in holding it in place.

I claim—

A strap-fastener consisting of the strap A, having at one end the catch or hook *b*, the metal plate B, attached to the ring *a*, and having the stud *e* and series of slots *c*, and the loop C, having the tug *d*, and encircling the strap and plate, and adapted to slide thereon, as and for the purpose described.

In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses.

FREDERICK CONWAY.

Witnesses:

J. R. DRAKE,

L. P. KIRCHMYER.