

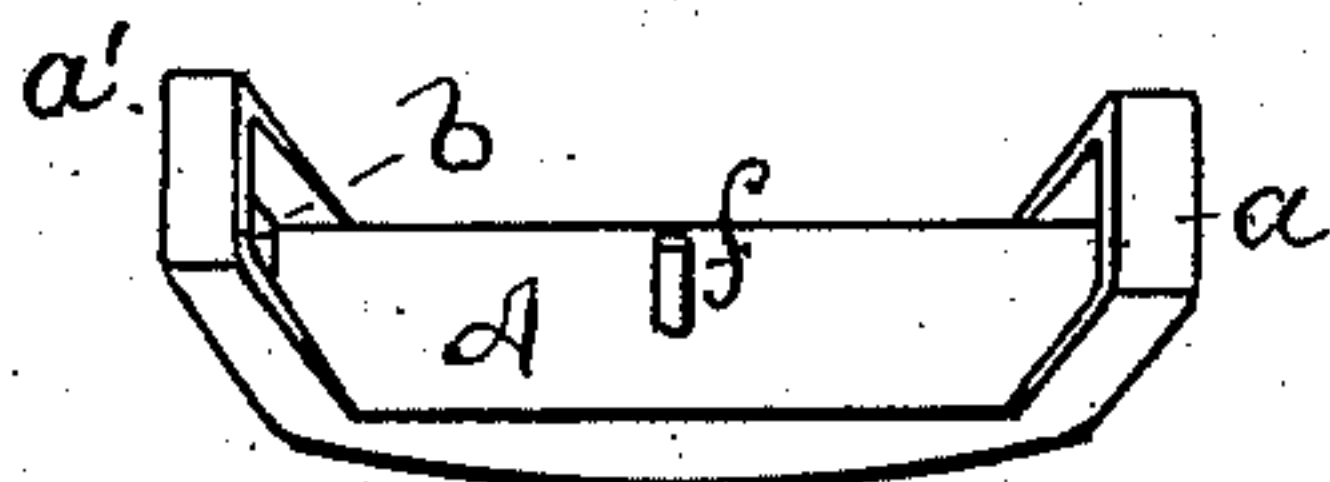
(No Model.)

F. CONWAY.  
HARNESS BUCKLE.

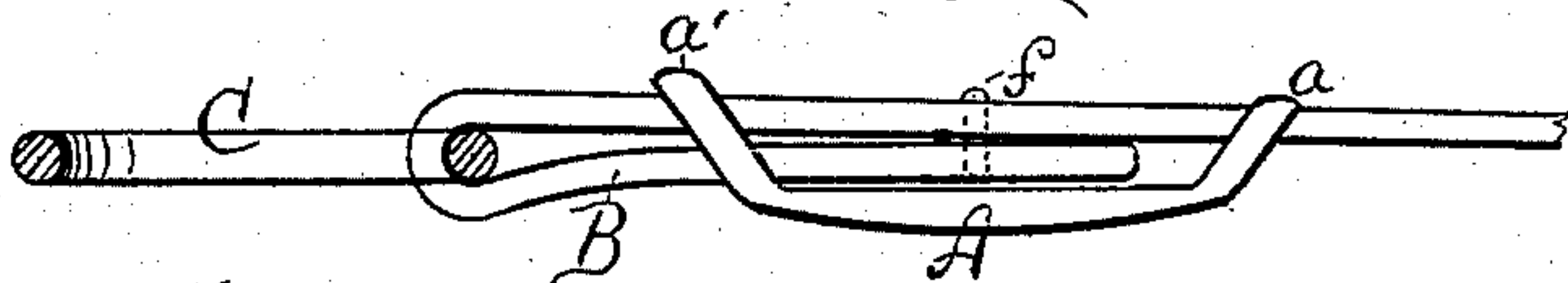
No. 268,781.

Patented Dec. 12, 1882.

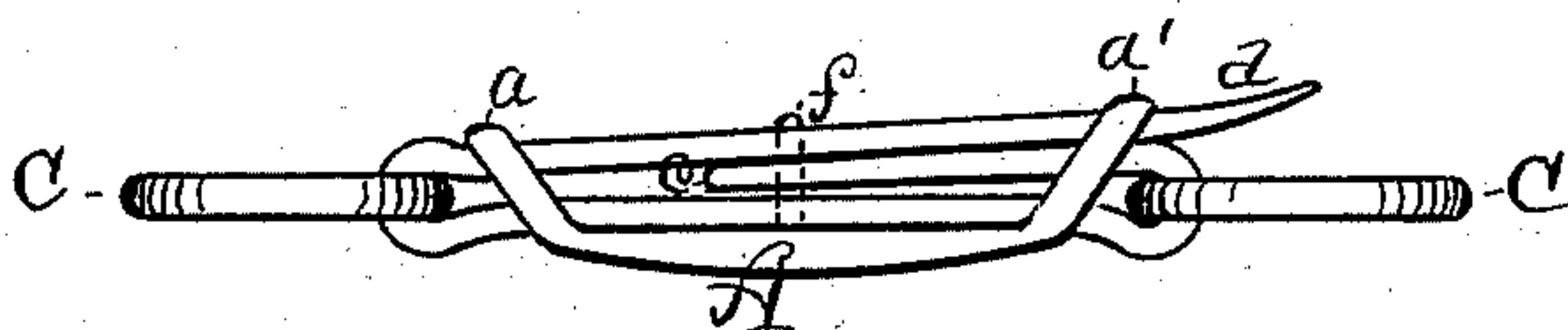
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



Witnesses:  
J. H. Parsons  
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Frederick Conway,  
Inventor, by  
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# UNITED STATES PATENT OFFICE.

FREDERICK CONWAY, OF BUFFALO, NEW YORK.

## HARNESS-BUCKLE.

SPECIFICATION forming part of Letters Patent No. 268,781, dated December 12, 1882.

Application filed October 14, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, FREDERICK CONWAY, a citizen of the United States, residing at Buffalo, in the county of Erie and State of New York, have made certain Improvements in Harness-Buckles, of which the following is a specification.

This invention is an improvement on my patent of January 15, 1878, No. 199,266, and is adapted more particularly for any part of a harness where there are return-straps, the object being to take one end of the strap back through one or both of the metal loops forming part of this buckle, and thereby save at least one leather slide-loop; also doing away with the ordinary buckles now used, which are objectionable in many ways; save time in adjusting harness on a horse; saving also in sewing in making harness, and from its construction will not catch horses' tail-hairs, the reins, or net, &c.

In the drawings, Figure 1 is a perspective looking down on the buckle; Fig. 2, a side elevation showing it in connection with a single return-strap, and Fig. 3 a side elevation showing it with a double return-strap.

A represents the main part, base, or bottom of the metal buckle. It is rounded a trifle on the bottom or under side, as shown, being beveled up to the end loops, *a a'*, so as to present a smooth edge all the way, making it better for handling and not to rub the horse's skin. These loops *a* and *a'* are cast or formed on the bottom piece, A, one at each end, as shown, one, *a'*, being made higher than loop *a*, thereby giving a larger opening, *b*, than loops *a* at the other end of the buckle, the object being to better accommodate a return-strap, B, as shown at *a'*, Fig. 2, the higher loop receiving the two thicknesses of said strap D and the other and smaller loop, *a*, only one. In Fig. 3 the higher loop, *a'*, allows of three thicknesses of strap therein, as shown, and also allowing three thicknesses to be put on the tongue *f*, which is cast in the center of the base A and penetrates the usual holes in a strap or straps, while two thicknesses of strap

go through the smaller loop, *a*. This arrangement allows both ends of the strap to be protected, one end, *c*, being placed between the return-straps, the other end, *d*, under the loop *a'* and protruding but a short distance therefrom, all out of the way so as not to catch the reins, &c., and allowing rings O O to be handsomely connected by this buckle. This is especially useful in side or holdback straps.

The long and flat bottom A is important, as it allows the short end of the strap B to rest thereon and not protrude therefrom, as shown more particularly in Fig. 2, where it is held by the pin or tongue *f*, on the plate or bottom, where it is first fastened thereby to make the return of the other end.

If desired, holes may be made in the back piece, A—one or more at each end—and the end of the strap riveted thereto; but usually this will not be necessary.

I am aware that buckles similar to mine have been made, having loops on either end and a vertical tongue or pin in the center of the plate; but none hitherto have made the loop at one end higher than that at the other, in consequence of which the strap will with difficulty go under the loop where it is double, and will be exceedingly loose at the other end. By thus making the loops of different heights, as I do, the straps are easily manipulated to fasten or unfasten the strap, while it holds both ends tight.

What I claim is—

The herein-described harness-buckle, consisting of the metal plate A, provided with the vertical pin or tongue *f* in the center thereof, and metal loops at either end of different heights, the loop *a'* being higher than the loop *a*, substantially as shown, and for the purpose set forth.

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

FREDERICK CONWAY.

Witnesses:

J. R. DRAKE,  
T. H. PARSONS.