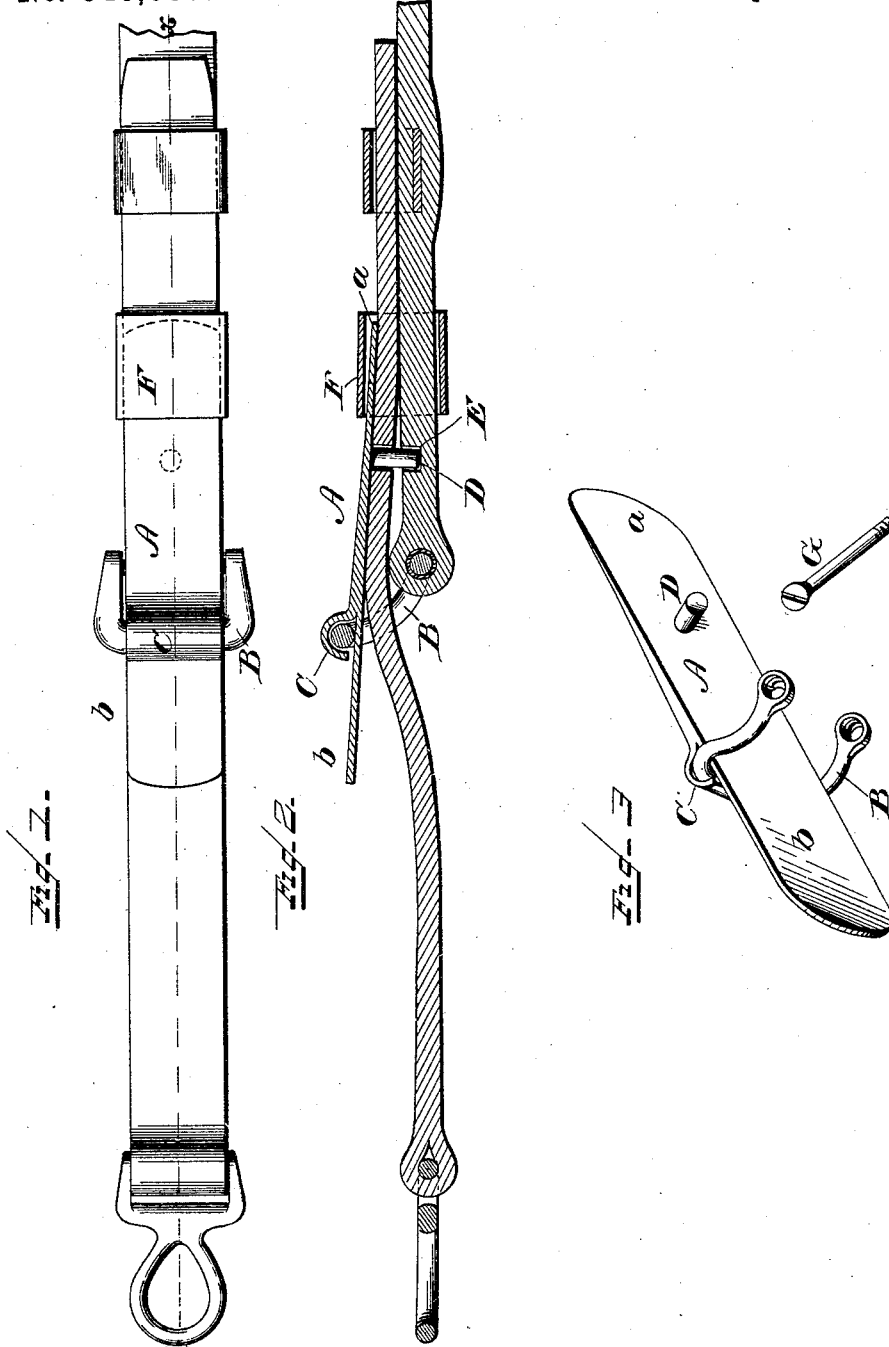


(No Model.)

J. W. FUNK.
HARNESS BUCKLE.

No. 346,036.

Patented July 20, 1886.



WITNESSES
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UNITED STATES PATENT OFFICE.

JOHN W. FUNK, OF HEYWORTH, ILLINOIS.

HARNESS-BUCKLE.

SPECIFICATION forming part of Letters Patent No. 346,036, dated July 20, 1886.

Application filed December 31, 1885. Serial No. 187,224. (No model.)

To all whom it may concern:

Be it known that I, JOHN W. FUNK, of Heyworth, in the county of McLean, and in the State of Illinois, have invented certain
5 new and useful Improvements in Harness-Buckles; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of refer-
10 ence marked thereon, making a part of this specification.

My invention relates to harness-buckles, and has for its objects to provide a strong, durable buckle, of such a construction that its parts
15 may be easily repaired; also a buckle that can be easily adjusted in its position upon the trace strap. I attain these objects by the means illustrated in the accompanying drawings, in which—

20 Figure 1 is a top plan view of my improved buckle attached to straps; Fig. 2, a vertical sectional view taken on the line *x x* of Fig. 1. Fig. 3 is a perspective view of my buckle with the pin detached.

25 Like letters refer to like parts throughout the several views.

The letter A indicates the body or plate of my buckle. Said plate is pivotally attached to the strap by means of the yoke B, which is
30 provided with a pin, G, which is screw-threaded at one end and provided with a head at the other. Said yoke is secured to the plate by means of a lip, C, on the upper side of said plate. A lug, D, is provided on the under
35 side of the plate, and at a sufficient distance from the end to permit it to engage with the slot E in the lower strap. The end *a* of the plate A is held in place by means of a sliding band, F. Said band works loosely upon the
40 straps and readily engages the end of said

plate. The opposite end of the plate (marked *b*) is extended a short distance beyond the lip to provide a lever, by means of which the lug may be easily drawn out of engagement with the strap after the band has been pushed back
4 from over the end *a* of the plate.

The operation of my invention is substantially as follows: I provide the trace-strap with the ordinary holes and pass it through the link. Then when the straps combined form
5 the length required the lug is passed through one of said holes and into the slot E of the lower strap. The band is then pushed over the end *a* of the plate, thus securely holding the lug in place. By means of the lip on the
5 upper face of the plate (which is preferably made of malleable iron) a new link can be easily attached to the plate when the old one has been broken.

What I claim as new, and desire to secure
6 by Letters Patent, is—

In a harness-buckle, a plate, A, provided on its under side with a lug, D, and having on its upper side, near the opposite end thereof, a lip, C, rigidly secured on one side of the
6 yoke to the top of the plate, the opposite side or end of said lip being disengaged from the plate, by means of which the yoke B can be easily and quickly detached, a yoke having
7 screw-threaded openings at its ends, which openings are engaged by a threaded pin or screw, G, in combination with the locking sliding band F, substantially as described.

In testimony that I claim the foregoing I have hereunto set my hand this 13th day of
7 June, 1885.

JOHN W. FUNK.

Witnesses.

THOS. SLADE,
R. J. CANNELL.