

P. BURNS.
BUCKLES.

No. 181,407.

Patented Aug. 22, 1876.

Fig. 1.

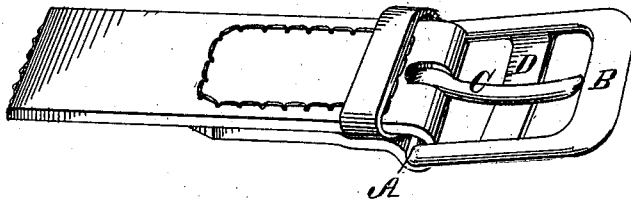
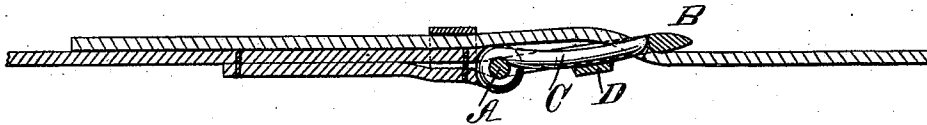


Fig. 2.



Witnesses.
L. Van Riewick.
D. P. Lowl

Peter Burns
Inventor.
by *P. J. Bils*
his Atty

UNITED STATES PATENT OFFICE.

PETER BURNS, OF SYRACUSE, NEW YORK.

IMPROVEMENT IN BUCKLES.

Specification forming part of Letters Patent No. **181,407**, dated August 22, 1876; application filed August 11, 1876.

To all whom it may concern :

Be it known that I, PETER BURNS, of Syracuse, in the county of Onondaga and State of New York, have invented a certain Improvement in Buckles, of which the following is a specification:

In the most common kind of buckles—those which lock the strap by a tongue passing obliquely through it—the free end of the tongue finds support upon the end or loop bar of the frame of the buckle, so that the point of the tongue projects above the frame, or protrudes from it, and is thus liable to catch into anything passed over the buckle. This feature is found to be quite annoying when the buckle is used on harness, from the fact that the horse's tail will continually catch on the protruding points of the buckle-tongues. My improvement is intended to overcome this objection; and to that end consists in shortening the tongue so that its free end only reaches to about the inner edge of the end or loop bar of the frame, and providing the frame with an extra cross-bar under the tongue, for affording the necessary support thereto against the pull of the strap, this extra cross-bar being so arranged that the point of the tongue will be flush with, or slightly below, the outer surface of the loop-bar, when the tongue rests on such extra cross-bar.

In the annexed drawings, Figure 1 is a perspective of my improved buckle. Fig. 2 is a longitudinal section, showing a strap locked in the buckle.

The same letters of reference are used in both figures in the designation of identical parts.

The buckle shown is of the simplest form, consisting of a rectangular frame, to the end bar A of which the tongue C is pivoted. The tongue, when turned toward the other end bar or loop-bar B, reaches close to the inner edge of such loop-bar, but does not come in contact therewith. On the contrary, instead of finding support on such loop-bar with its point, it swings free of it, and is stopped only by a cross-bar, D, formed on the frame, below it, and as near to the loop-bar and the point of the tongue as practicable, due consideration being given in the locating of the cross-bar D to the size of the strap, so that said cross-bar may not interfere with the convenient insertion of such strap.

My invention may be adapted to all buckles of the kind alluded to, whether of the simple form shown or of a more complex design.

I do not claim, broadly, a cross-bar arranged so as to give support to the tongue against the pull of the strap; but

What I do claim, and desire to secure by Letters Patent, is—

A buckle, substantially such as described, in which the tongue swings free of the bar B, and the frame has a depressed cross-bar under the tongue.

In testimony whereof I have signed my name to the foregoing specification in the presence of two subscribing witnesses.

PETER BURNS.

Witnesses:

W. S. HUNTINGTON,
W. B. BURNS.