

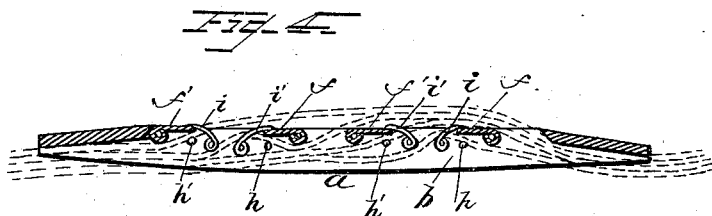
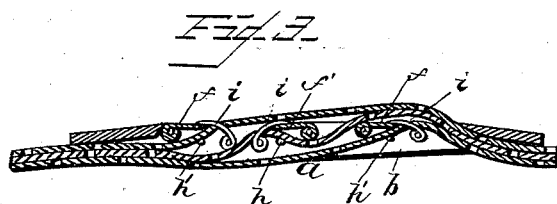
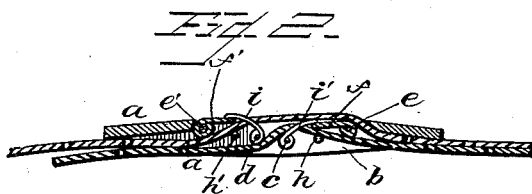
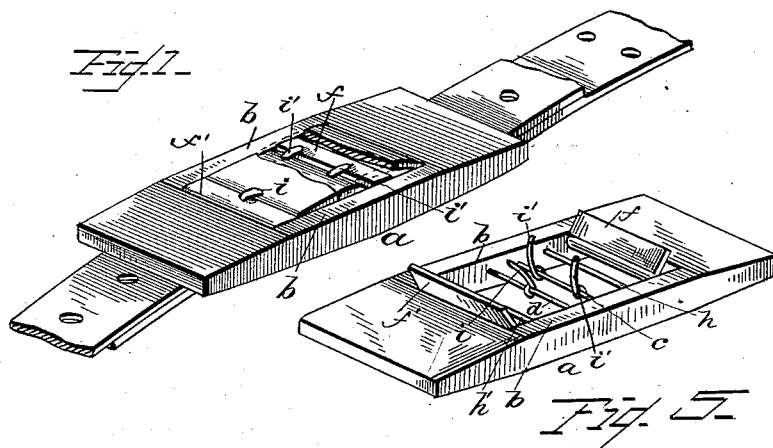
(No Model.)

E. A. DANIEL.

BUCKLE.

No. 306,064.

Patented Oct. 7, 1884.



WITNESSES  
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INVENTOR  
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# UNITED STATES PATENT OFFICE.

ELLISON ARMISTEAD DANIEL, OF DUNCANVILLE, TEXAS.

## BUCKLE.

SPECIFICATION forming part of Letters Patent No. 306,064, dated October 7, 1884.

Application filed March 19, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, ELLISON A. DANIEL, a citizen of the United States, residing at Duncanville, in the county of Dallas and State of Texas, have invented a new and useful Buckle, of which the following is a specification, reference being had to the accompanying drawings.

This invention has relation to buckles for bridles, harness-breeching, &c.; and it consists in the construction and novel arrangement of parts, as will be hereinafter fully described, and particularly pointed out in the claims appended.

Figure 1 is a view in perspective of my improved buckle. Fig. 2 is a vertical longitudinal sectional view of the same. Fig. 3 is a similar view of a modification, showing three buckle-bars and their clasps and supporting-bars; and Fig. 4 is a similar view of a modification in which four tongue-bars and their attendant mechanism are used. Fig. 5 is a view in perspective of the buckle with the straps removed.

Referring by letter to the accompanying drawings, *a* designates the buckle-frame, which is preferably made in elongated rectangular form in plan view, and has its under face near each end inclined upwardly and inwardly between the integral side bars, *b b*, the inner edges of the inclined portions being beveled inwardly and upwardly, as shown.

In Fig. 2, *c* and *d* designate the two tongue-bars cast integral with or having fixed bearings in the side bars, *b b*. *e e'* designate the transverse bars on which the hinged clasps *f f'* have their bearings, and *h h'* represent transverse bars, upon which the inner edges of the hinged clasps *f f'* rest when the straps are in place, and by which they are prevented from being drawn through the opening in the buckle-frame. The tongue-bars in this figure are shown, one with one tongue and one with two tongues, respectively, *i* and *i' i'*. These tongues may be regulated as to number to suit the straps upon which the buckle is to be used.

The tongue-bars *c* and *d* are far enough apart

in the buckle-frame to permit the strap secured by the tongue-bar *c*, having two tongues in this instance, to pass between the tongue-bars and out under the tongue-bar *d* to any desired distance or length. The second strap is buckled to the tongue-bar *d*, and passes out over the tongue-bar *c* and its clasp *f*, and between said clasp and the beveled edge of the buckle-frame at that end any desired length, so that the two straps work perfectly and entirely independent of each other.

In some instances I may use only a single tongue-bar, one hinge-clasp, and one rest for said clasp. In others I may desire three or even four tongue-bars, clasps, and rests; but in every case a single buckle-frame only is used to sustain the parts. Where these parts are duplicated, triplicated, or quadruplicated, the several straps all work independently of each other, as before stated. The double tongues on the tongue-bars are of importance, as they hold the strap evenly in the buckle-frame, and may be used on all of the tongue-bars, if deemed desirable.

This buckle possesses simplicity, durability, cheapness, and general efficiency.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

1. In a harness-buckle, the combination, with the frame *a*, provided with a tongue-bar having two tongues thereon and a tongue-bar having a single tongue thereon, of a clasp-rest and a hinged clasp near opposite ends of the buckle-frame, substantially as specified.

2. In a harness or bridle buckle, the combination, with the buckle-frame, of a transverse clasp-rest and a transverse hinged clasp adapted to rest thereon when the clasp is closed, substantially as specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

ELLISON ARMISTEAD DANIEL.

Witnesses:

JO. H. STEWART,  
J. L. MILLER.