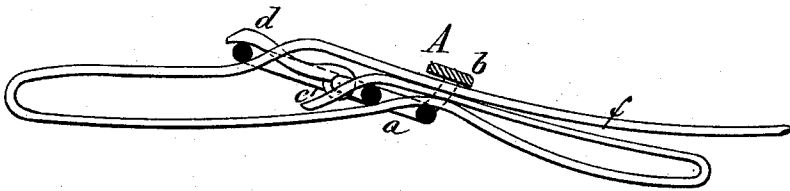


G. G. BUGBEE.  
Buckle.

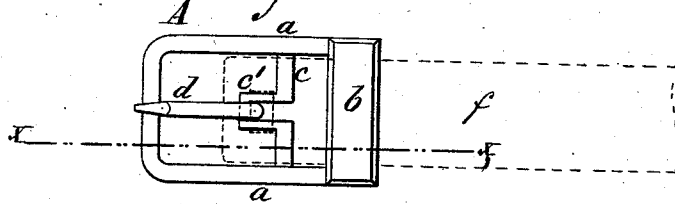
No. 222,007.

Patented Nov. 25, 1879.

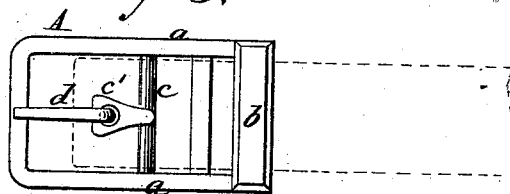
*Fig: 1.*



*Fig: 2.*



*Fig: 3.*



WITNESSES:

*Achilles Sehehl*  
*C. Sedgwick*

INVENTOR:

*G. G. Bugbee*  
BY *Mum & Co*  
ATTORNEYS.

# UNITED STATES PATENT OFFICE.

GEORGE G. BUGBEE, OF GONZALES, TEXAS, ASSIGNOR TO HIMSELF AND  
ANDREW J. MOORE, OF SAME PLACE.

## IMPROVEMENT IN BUCKLES.

Specification forming part of Letters Patent No. **222,007**, dated November 25, 1879; application filed  
September 23, 1879.

*To all whom it may concern:*

Be it known that I, GEORGE G. BUGBEE, of Gonzales, in the county of Gonzales and State of Texas, have invented a new and Improved Buckle, of which the following is a specification.

My invention relates to buckles for harness or other purposes, adapted for connection to a strap or billet without sewing; and the invention consists in a buckle having a rigid cross-bar, that is formed with a loop or crank-shaped tongue, over which the billet or strap is placed to secure the buckle, and on which the swinging tongue of the buckle is secured, this construction rendering the buckle more compact and of better appearance than double-tongue buckles as heretofore made, and giving a wider range of use for the buckle.

The improved buckle is shown in the accompanying drawings, and will be more particularly described with reference thereto.

In the drawings, Figure 1 is a longitudinal section of the buckle on line *xx* of Fig. 2, which is a plan view. Fig. 3 represents a modification.

Similar letters of reference indicate corresponding parts.

A is my improved buckle, formed of the oblong frame *a*, loop-piece *b*, cross-bar *c*, and tongue *d*. The loop-piece *b* and cross-bar *c* are connected rigidly with the frame *a*. The bar *c* is at one side of the middle point in the length of the frame *a*, and is formed with a loop or crank-shaped portion, *c'*, projecting in the plane of frame *a'*, to which loop *c'* the tongue *d* is hung.

The loop *c'* may be open at one end by dividing the bar *c*, as shown; or, for greater strength, the bar *c* may be solid or continuous, as in Fig. 3.

The loop-piece *b* is attached at one end of frame *a*, and elevated to permit the strap to pass between it and the end of frame *a*.

In use the buckle is attached to the end of a strap or billet by inserting the tongue *d* and loop *c'* through a hole made for the purpose in the end of the strap, the strap, as shown at *f*, being then drawn down upon the loop *c'* against the bar *c*, so that the tongue *d* is left free for use for connection to a strap, as usual. The loop-piece *b* tends to retain the strap in place upon the loop *c'*, and also serves for use in the usual manner to retain the strap end extending from tongue *d*.

This buckle is adapted for harness or for other purposes, and as a harness-buckle it may be used on any portion of the harness. It is much shorter than buckles made with double tongue and two cross-bars for connection to a strap without sewing, and presents a better appearance.

I do not limit myself to the buckle having its parts arranged and proportioned exactly as shown.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. In a buckle, the cross-bar *c*, formed with the rigid projection or loop *c'*, to which the tongue *d* is hinged, substantially as and for the purposes specified.

2. In a buckle, the cross-bar *c*, formed with the rigid loop or projection *c'*, the tongue *d*, loop-piece *b*, and the frame *a*, all constructed substantially as described and shown, and for the purposes set forth.

GEORGE GOODING BUGBEE.

Witnesses:

JNO. S. CONWAY,  
A. T. BASS.