

I. E. BENNETT.
HARNESS BUCKLE.
APPLICATION FILED JULY 3, 1905.

Fig. 1.

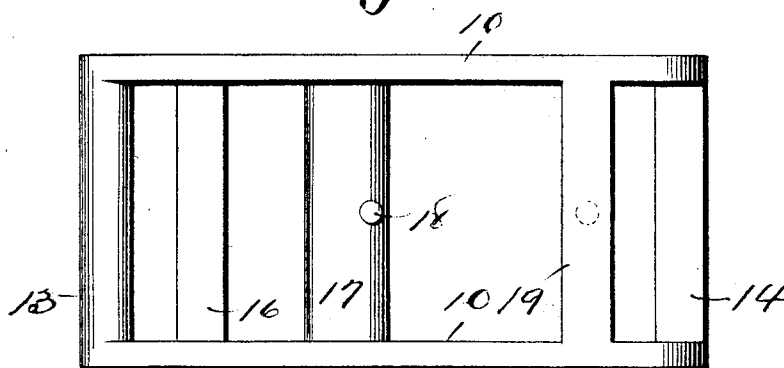


Fig. 2.

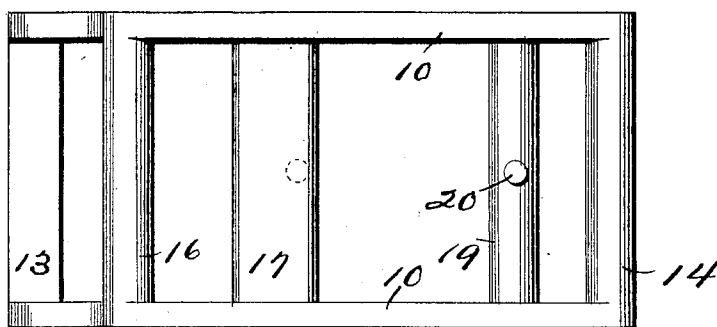
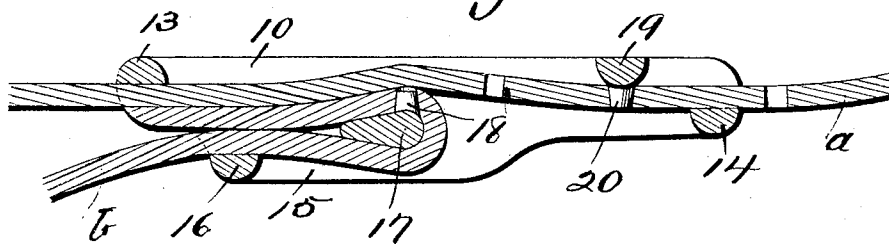


Fig. 3.



Witnesses: } Inventor: Isaac E. Bennett,
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A. H. Orrig. } By Thomas G. Orrig, Attorney.

UNITED STATES PATENT OFFICE.

ISAAC E. BENNETT, OF NEWTON, IOWA.

HARNESS-BUCKLE.

No. 805,336

Specification of Letters Patent.

Patented Nov. 21, 1905.

Application filed July 3, 1905. Serial No. 268,578.

To all whom it may concern:

Be it known that I, ISAAC E. BENNETT, a citizen of the United States, residing at Newton, in the county of Jasper and State of Iowa, have invented a new and useful Harness-Buckle, of which the following is a specification.

My object is to provide a neat, strong, and durable harness-buckle made complete in one piece in such a manner that two leather straps in harness or driving-reins can be adjustably and detachably and advantageously connected with each other and with the buckle without rivets or sewing or any extraneous fastening.

My invention consists in the buckle hereinafter set forth, pointed out in my claims, and illustrated in the accompanying drawings, in which—

Figure 1 is a top view, and Fig. 2 a bottom view, of the buckle, that show the positions of the cross-bars and integral tongues relative to the parallel sides of the frame. Fig. 3 is a longitudinal sectional view of the buckle and portions of two leather straps connected with the buckle and with each other as required in practical use.

The numerals 10 designate the parallel sides of the frame. They are straight and flat and connected at one end at their top edges by a half-round cross-bar 13 and at their other end and lower edge portion by a half-round cross-bar 14. From near the end that has the cross-bar 13 the sides 10 are widened by downward extensions 15, that terminate some distance from the cross-bar 14. A cross-bar 16, half-round, connects the extensions 15 below and near the cross-bar 13, and a wedge-shaped cross-bar 17 connects the two sides near their centers, and on the top and center of the cross-bar is an integral tongue 18, that projects upward, and a half-round cross-bar 19, flat on its top and rounded on its under side, connects the sides 10 at their top edges near the end cross-bar 14 and has an integral tongue 20, that projects downward.

It is obvious the buckles may be made of various sizes and finished in any style of art desired.

In the practical use of my invention a strap or line *a*, provided with a plurality of perforations, can be passed through the buckle, as shown in Fig. 3, and detachably and adjustably connected therewith by inserting the tongue 20. A second strap or check-line *b*

can be doubled around the wedge-shaped cross-bar 17 and the tongue 18 inserted in a perforation in the strap, as shown, and in this manner the two straps can be readily detachably and adjustably connected with each other by means of the buckle that is complete in one piece.

Having thus set forth the purpose of my invention, its construction, and manner of use, the practical utility thereof will be readily understood by persons familiar with the art to which it pertains.

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

1. As a new article of manufacture, a harness-buckle complete in one piece, consisting of two parallel sides wider at their central portions than at their ends, a cross-piece, flat on its under side, at the top at the one end, a cross-piece, flat on its top, at the bottom of the other end, a cross-piece, flat at the top and near said other end provided with a tongue projecting downward, a wedge-shaped cross-piece near the center provided with a tongue projecting upward and another cross-piece, flat on its top, on the under side near the end that has the cross-piece at its top.

2. As a new article of manufacture, a harness-buckle complete in one piece consisting of two parallel sides, a cross-piece at the top of the one end, a cross-piece at the bottom at the other end, a cross-piece at the top and near said other end provided with a tongue projecting downward, a cross-piece near the center provided with a tongue projecting upward and another cross-piece on the under side near the end that has the cross-piece at its top.

3. A harness-buckle complete in one piece consisting of two parallel sides, a cross-piece at the top of the one end, a cross-piece at the bottom at the other end, a cross-piece at the top and near said other end provided with a tongue projecting downward, a cross-piece near the center provided with a tongue projecting upward and another cross-piece on the under side near the end that has the cross-piece at its top and two straps combined with the buckle in the manner set forth.

ISAAC E. BENNETT.

Witnesses:

W. H. LISTER,
A. C. CLAUSSEN.