

C. D. McCRILLIS.
BUCKLE.
APPLICATION FILED DEC. 22, 1910.

Patented Nov. 28, 1911.

1,009,768.

Fig. 1.

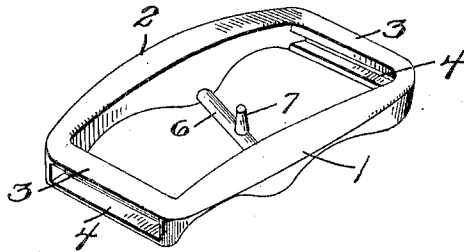


Fig. 2.

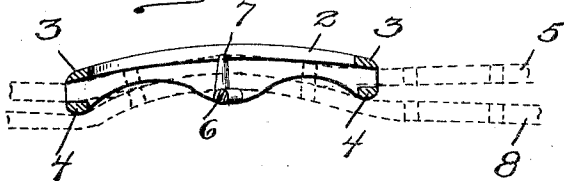
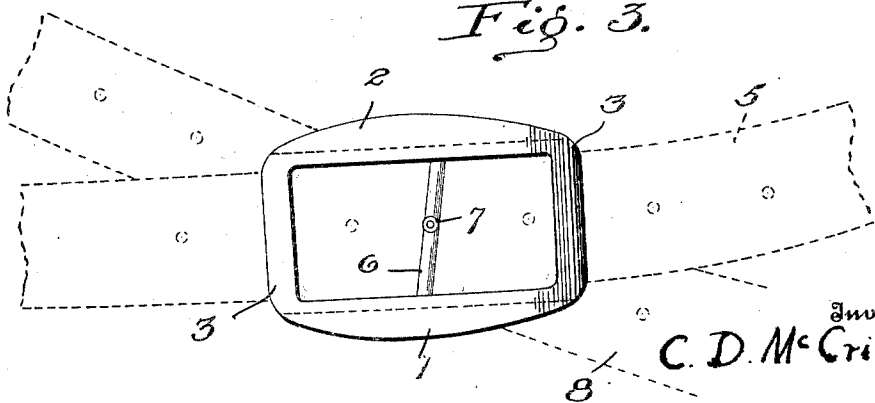


Fig. 3.



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UNITED STATES PATENT OFFICE.

CHARLES D. McCRILLIS, OF MARSHFIELD, WISCONSIN.

BUCKLE.

1,009,768.

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Application filed December 22, 1910. Serial No. 598,771.

To all whom it may concern:

Be it known that I, CHARLES D. McCRILLIS, a citizen of the United States, residing at Marshfield, in the county of Wood and State of Wisconsin, have invented certain new and useful Improvements in Buckles; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in buckles, and particularly to those used on harness. While in the form shown it is designed for the cross line of a double team, it may also be used at other points on the harness where such a fastening device is necessary. Because of the smoothness and absence of projecting parts when the straps or lines are in place, the buckle will not catch in the fly nets or other parts of the harness, and because of the diagonal cross bar the strip will pull straight, a decided advantage over the common types now in use.

With the above and other objects in view, this invention resides in the novel features of construction, formations, combinations and arrangements of parts to be hereinafter more fully described, claimed and illustrated in the accompanying drawings, in which,

Figure 1 is a perspective view of the buckle; Fig. 2 is a longitudinal vertical section through the buckle, with lines in place, and Fig. 3 is a top elevation of the device in use.

Referring to the drawing by characters of reference, the numerals 1 and 2 represent side bars of the buckle, the upper edges of which extend outward in a flange, thus giving the buckle a smooth curved surface, as well as adding to the strength of the structure. At each end of the side bars upper

and lower cross bars 3 and 4 are placed, to form an opening or slot, through which is passed the main straight line 5. Near the middle of the side bars, and on the lower face, is attached a central cross bar 6, which, instead of being placed perpendicular to the sides, is slightly inclined thereto in the plane of the buckle, an upwardly extending prong 7 being formed at the center of the bar. The lower edges of the side bars are cut away on each side of the central cross bar, to allow of easier passage of a cross line 8.

In use, the cross line 8 is passed up from the under side and over the central cross bar 6, the prong 7 being inserted in a hole punched in the line. The main straight line 5 is then passed through the openings formed by the end cross bars 3 and 4, and the prong 7 is inserted in a hole punched in this line. From this it will be seen that the lines lie smoothly at an angle to each other, because of the angularly placed central bar.

Having thus fully described my invention, what I claim as new and desire to secure by Letters Patent is:

A buckle such as described for fastening two intersecting straps, comprising end bars and side bars between which is formed an opening for a line, a cross bar attached centrally and angularly to said side bars, an upwardly extending prong attached to the middle of said cross bar, and the lower edges of said side bars cut away on each side of the points at which the said cross bar is attached to the side bars, substantially as and for the purposes set forth.

In testimony whereof I affix my signature in presence of two witnesses.

CHARLES D. McCRILLIS.

Witnesses:

FRANK VAUGHN,
ROSS E. ANDREWS.