Nov. 9, 1926. 1,606,210

H. DOUCETTE

REIN BUCKLE

Filed June 12, 1924

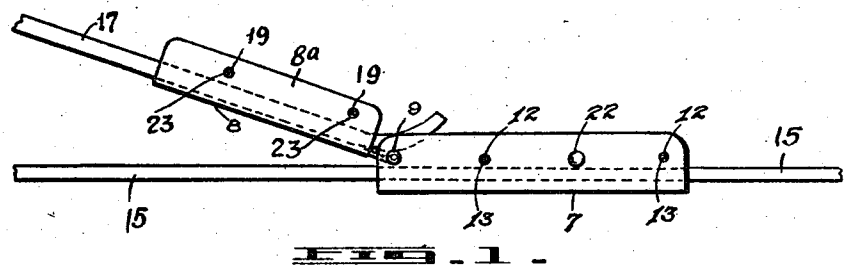


FIG. 1.

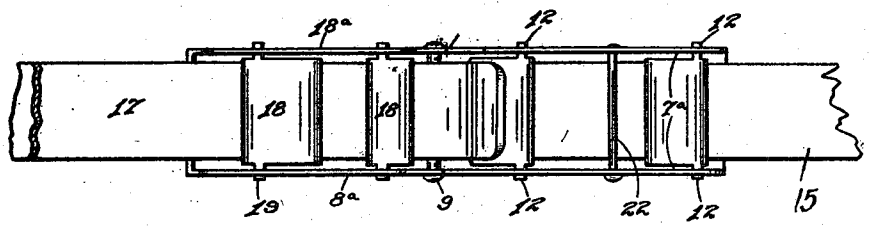


FIG. 2.

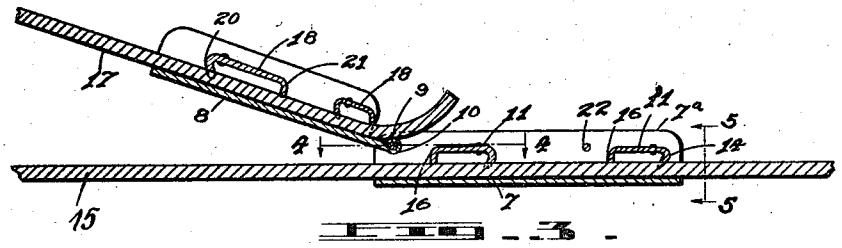


FIG. 3.

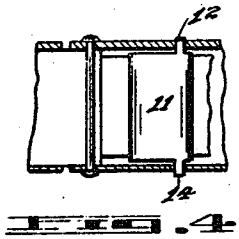


FIG. 4.

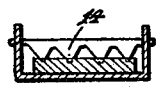


FIG. 5.

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UNITED STATES PATENT OFFICE.

HUBERT DOUCETTE, OF VAL D'AMOUR, NEW BRUNSWICK, CANADA.

REIN BUCKLE.

Application filed June 12, 1924. Serial No. 719,572.

This invention has relation to certain new and useful improvements in a rein buckle and has for its primary object the provision of a simple and inexpensive form of buckle which will securely hold the rein in adjusted position and which will also permit ready adjustment of the rein lines.

The invention has for a further object the provision of a rein buckle of the character stated which is of such construction and operation that the rein line may be readily moved through one of the buckle sections in one direction and will be prevented by the same from moving therethrough in the other direction, the rein lines working through the buckle sections in opposite directions and the buckle sections being pivoted to one another in such a manner that the rein lines lie in parallel relation with the buckle sections in alignment with one another.

With the foregoing and other objects in view, as will appear as the description proceeds, the invention consists in the novel construction, combination and arrangement of co-operating elements as hereinafter more specifically set forth, claimed and shown in the accompanying drawings forming a part of the present application and in which:

Fig. 1 is a side elevation of the buckle in use.

Fig. 2 is a plan view thereof.

Fig. 3 is a longitudinal section through the same.

Fig. 4 is a detailed fragmentary section, substantially on the plane of line 4—4 of Fig. 3 looking in the direction indicated by the arrows.

Fig. 5 is a detailed transverse section substantially on the plane of line 5—5 of Fig. 3 looking in the direction indicated by the arrows.

Referring more in detail to the drawings in which similar reference characters designate corresponding parts through the several views, it is to be noted that the buckle includes the buckle sections 7 and 8 which are in the form of channel members and pivotally connected by the pivot member 9 extending through the side flanges of the section 7 at one upper corner thereof and through the turned back extension 10 at one end of the buckle section 8. The buckle section 7 has two transverse substantially U-shaped rein gripping members 11 pivotally mounted therein by means of the tongues 12 extending therefrom in pairs and projecting through the openings 13 provided for this purpose in the side flanges 7ª of the buckle section 7. One edge 14 of each member 11 is extended at an angle and provided with teeth adapted to grip into the ends of the rein 15 extended through the buckle section 7 and resting on the flat face thereof, as shown clearly in the drawings. It will also be seen from the drawings that the tongues 12 are located near the edge 14 of each member 11 and the other edge 16 of each member 11 is extended at a right angle to normally rest on the rein 15.

The other end of the rein, indicated at 17, is similarly held in adjusted position in the buckle section 8. This buckle section 8 is constructed practically the same as the buckle section 7 and has pivoted therein rein gripping members 18 corresponding to the members 11. The tongues 19 of the members 18 are extended through openings 23 in the side flanges 8ª of the buckle section 8, as shown clearly in Figs. 1 and 2. It will also be seen from the drawings that the angularly extending edges 20 of the members 18 have teeth engaging in the rein 17 to prevent movement of the same in one direction through the buckle section 8, after adjustment of the same. The other edges 21 of the members 18 are extended at substantially right angles to the main portions of the members 18 and rest on the rein 17. One or more pins 22 may be extended through the buckle section 7, as shown in the drawings, if desired.

It is believed the complete construction and operation may now be understood from the foregoing paragraphs taken in connection with the accompanying drawings, without further detail description. It may be briefly stated, however, that the rein-members 15 and 17 may be readily drawn in the proper directions through the respective buckle sections 7 and 8 to adjust the reins 15 and 17 which will be automatically locked in its adjusted position and prevented from moving in the other direction through the respective buckle sections 7 and 8. Furthermore, the buckle sections 7 and 8 are constructed and connected in such a manner as to permit the ends 15 and 17 of the reins to lie flat upon one another with the buckle sections 7 and 8 in alignment.

While the preferred embodiment of the

invention has been disclosed, it is to be understood that minor changes in the details of construction, combination and arrangement of co-operating elements may be resorted to within the scope of what is claimed, without departing from the spirit of the invention.

What I claim as new is:

In combination, a buckle section having a flat face, upstanding side flanges and rein gripping means pivoted between said side flanges; another buckle section, having a flat face, upstanding side flanges and rein gripping means pivoted between said side flanges, said last mentioned buckle being pivoted between the side flanges of the buckle section aforesaid; the flat face of each of said buckle sections being in spaced relation, to permit the end of a rein to pass therebetween.

In testimony whereof, I affix my signature.

his
HUBERT × DOUCETTE.
mark