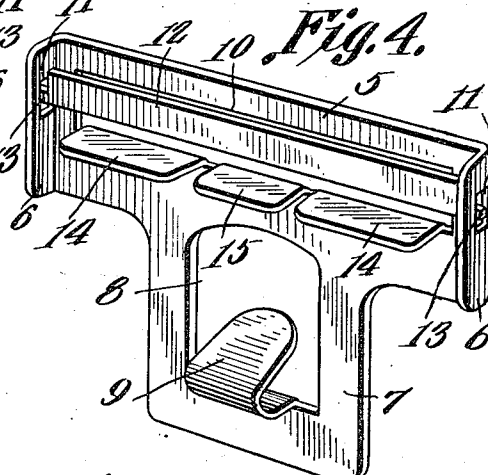
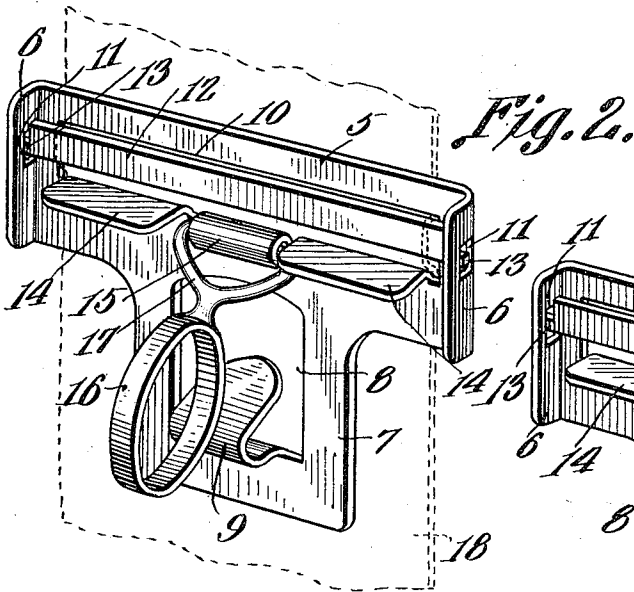
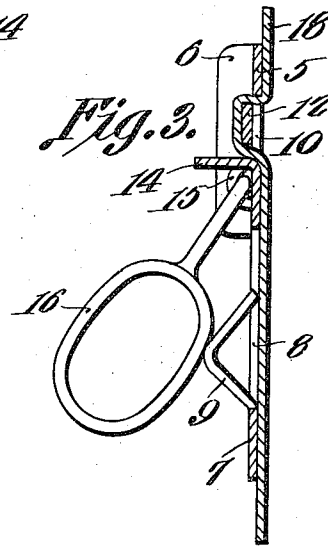
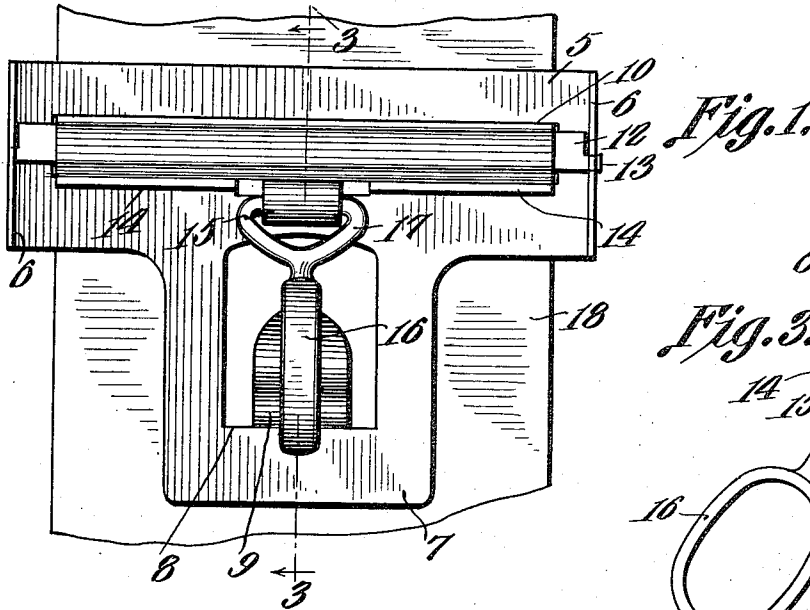


A. J. McCORD.  
 BACK BAND BUCKLE.  
 APPLICATION FILED MAY 20, 1912.

1,060,199.

Patented Apr. 29, 1913.



Witnesses

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# UNITED STATES PATENT OFFICE.

ANDREW J. McCORD, OF CHATTANOOGA, TENNESSEE.

## BACK-BAND BUCKLE.

1,060,199.

Specification of Letters Patent.

Patented Apr. 29, 1913.

Application filed May 20, 1912. Serial No. 698,617.

*To all whom it may concern:*

Be it known that I, ANDREW J. McCORD, a citizen of the United States, residing at Chattanooga, in the county of Hamilton and State of Tennessee, have invented a new and useful Back-Band Buckle, of which the following is a specification.

This invention relates to back band buckles or trace carriers for back bands, and for its primary object, aims to produce a device of this character which is attachable to the back band of a plow harness, or the like, so as to be adjustable thereon, and is provided with means for retaining the same at any adjusted position and is adapted to support the trace or tug.

The present invention further contemplates such a device that may be readily adjusted upward upon the back band, but which will be locked against downward or retrograde movement, but which may be adjusted downward by proper manipulation thereof.

This invention has for a further object, the provision of a device as indicated which shall be simple, substantial, durable and inexpensive in construction, which shall be convenient and efficient in use, and which may also embody a line terret in conjunction therewith.

With the foregoing and other objects in view, which will be apparent as the invention is better understood, this invention resides in the novel construction and combination of parts hereinafter set forth and particularly pointed out in the appended claims, it being understood that this device is susceptible to alterations or deviations in its details within the scope of the appended claims without departing from the spirit of the invention.

The invention has been illustrated in its preferred embodiment in the accompanying drawings, wherein similar reference characters have been employed to denote corresponding parts, and wherein:—

Figure 1 is a side elevation of the buckle applied to a back band. Fig. 2 is a perspective view of the buckle. Fig. 3 is a sectional view taken on the line 3—3 of Fig. 1. Fig. 4 is a perspective view of the buckle as employed without the line terret.

Referring specifically to the drawings, the buckle embodies a transversely elongated base plate 5 having the transverse elongated

opening 10, and having its extremities bent outwardly to provide flanges 6. A plurality, in this case three, of relatively wide lips project outwardly from the lower edge of the opening 10 and at right angles to the plate, the lips 14 being arranged at the end portions of the opening, and the lip 15 being arranged intermediate the said lips 14. The base plate is also provided with an extension 7 depending or projecting from its lower edge, which extension has an opening 8 therein and an upwardly projecting tongue 9 struck outwardly therefrom and forming a trace hook. The flanges 6 are provided with slots 11 adjacent the ends of the opening 10 in the said plate and extending approximately to the plane of the lips 14. The foregoing parts are preferably stamped integral from sheet metal of suitable quality and gage, but they may be otherwise constructed if so desired, and as apparent to those skilled in the art.

A transverse elongated locking plate 12 passes over the opening 10 in the base plate 5 and has trunnions 13 projecting from its ends adjacent its lower edge or the edge adjacent the lips 14 and 15, which trunnions engage in the respective slots 11 of the flanges 6. This plate 12 is of a width slightly less than the width of the opening 10 and the free edge of the said plate is adapted to swing to and from the upper edge of the said opening. This locking plate is also preferably stamped from sheet metal of suitable quality and gage, similar to the base plate, although the same may be cast or otherwise constructed.

The line terret has been designated by the numeral 16, this line terret being provided with a loop 17 lying in a plane at right angles to the plane of the terret, and this loop is engaged by the intermediate lip 15, which is bent or curled into a sleeve. The terret 16 therefore hangs loosely from the lip or sleeve 16 and is normally adapted to seat against the tongue 9, which tongue is bowed outwardly at its intermediate portion with its free end lying in the plane of the base plate. It is to be understood, however, that the line terret 16 may be omitted, in which event, the lip 15 is left projecting similar to the lips 14.

For purpose of illustration, a portion of a back band has been illustrated and designated by the numeral 18, this back band,

in use, being doubled through the opening 10 over the locking plate 12, or passed through the said opening over the locking plate and then through the said opening at the opposite edge, as clearly shown in Fig. 3. When the buckle has thus been applied to the back band, it being understood, that in use, a buckle is attached to the back band at each side, the buckle may be readily slid or adjusted upward on the back band, in which event, the free edge of the locking plate 12 will be swung outwardly so as to permit such sliding movement, and when downward pressure is exerted to the base plate, the free edge of the locking plate 12 will again swing toward the base plate or toward the upper edge of the opening 10, thereby binding the back band between the edges of the locking plate 12 and the edges of the opening 10, and preventing the downward or retrograde movement of the buckle. The lips 14 and 15 serve as seats for the lower edge of the locking plate 12 and the corresponding portion of the back band so as to assist in the binding action and also prevent the locking plate 12 from swinging excessively or from swinging downwardly. It will be noted, however, that when it is desired to adjust the buckle downwardly, the locking plate 12 may be manually swung outward and held in such a position, which will permit the base plate 5 to slide downwardly on the back band, the buckle again locking in position as soon as the locking plate 12 is released. The trunnions 13 of the locking plate working in the slots 11 provided in the flanges 6 permit the locking plate 12 to shift sufficiently in conjunction with its swinging movement, so as to effectively and conveniently cause the binding action.

From the foregoing, taken in connection with the drawing, it will be noted that the present buckle may be readily attached to a back band and adjusted thereon as desired, the tongue 9 serving as a hook for the attachment of the trace or tug so that the device may serve as a trace carrier, and if

desired, a line terret 16 may be employed in conjunction with the buckle.

This device as shown and described is simple, durable, substantial and inexpensive in construction, consisting of but few parts, and in its use is both convenient and efficient. This device is also subject to alterations or deviations in its details within the scope of the appended claims without departing from the spirit of the invention.

Having thus described the invention what is claimed as new is:—

1. A back band buckle embodying a transversely elongated base plate having a transverse elongated opening, having a plurality of lips projecting outwardly from the lower edge of the opening and at right angles to the plate, having its ends bent outwardly to provide flanges with slots in the flanges adjacent the ends of the opening, an intermediate lip being bent into a sleeve, a line terret having a loop pivoted through the said sleeve, and a transverse elongated locking plate located over the opening in the base plate and having trunnions projecting from its ends adjacent its lower edge and engaging in the said slots.

2. A back band buckle embodying a base plate having a transverse opening, having relatively wide lips projecting outwardly from the lower edge of the opening and at right angles to the plate, and having flanges at the ends of the opening with slots in the flanges extending approximately to the plane of the lips, and a transverse locking plate located over the opening and having trunnions at its ends adjoining its lower edge and engaging in the slots, the locking plate being of a width slightly less than the width of the said opening.

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

ANDREW J. McCORD.

Witnesses:

J. W. MATCHETT,  
JOHN E. LAMBETH.