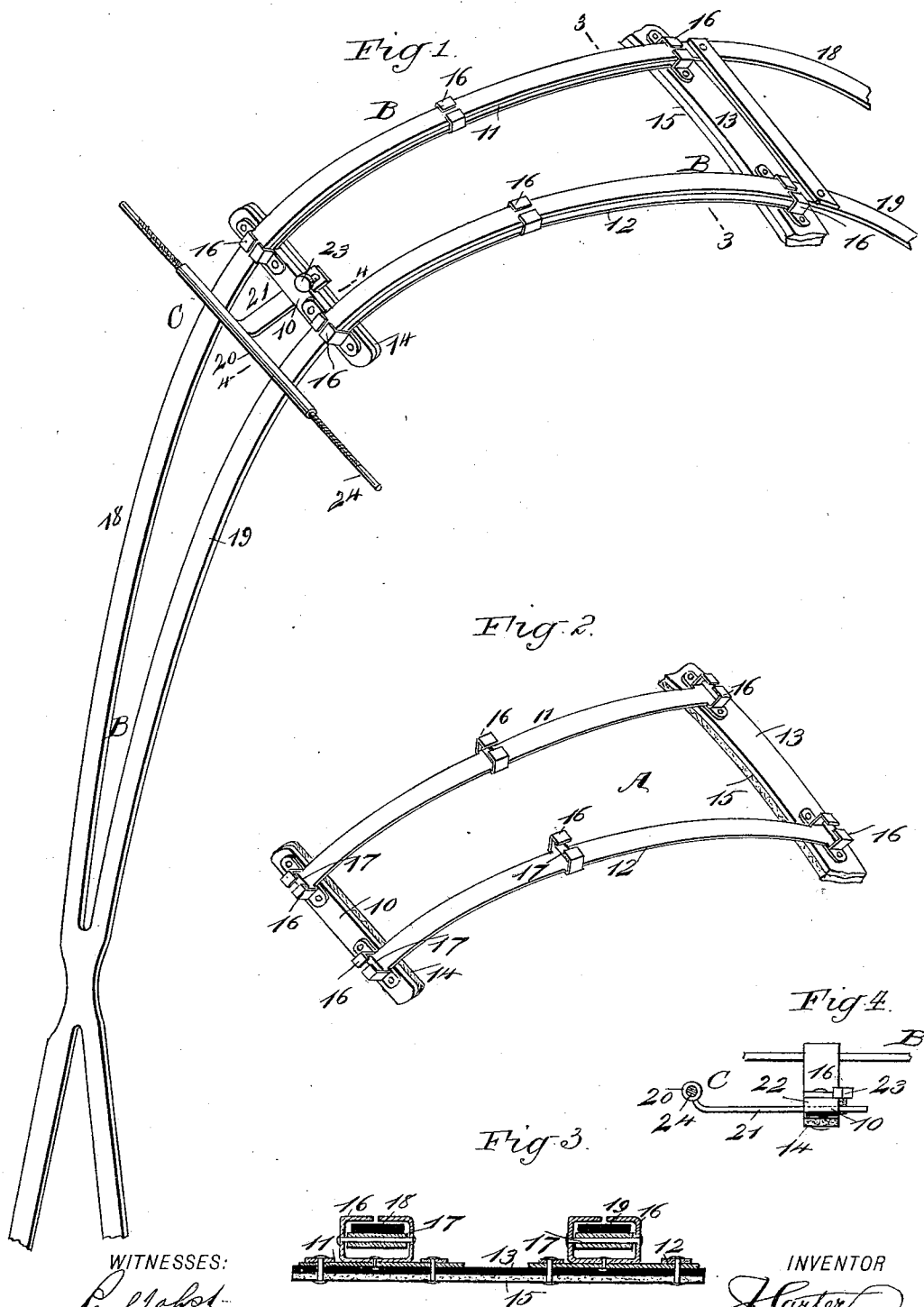


(No Model.)

J. CARTER.
CHECKREIN SUPPORT.

No. 521,015.

Patented June 5, 1894.



WITNESSES:

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JOSEPH CARTER, OF BLYTH, CANADA.

CHECKREIN-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 521,015, dated June 5, 1894.

Application filed December 4, 1893. Serial No. 492,688. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH CARTER, of Blyth, in the Province of Ontario and Dominion of Canada, have invented a new and Improved Checkrein-Support and Winker-Stay, of which the following is a full, clear, and exact description.

My invention relates to a combined checkrein support and winker stay for a harness, and it has for its object to provide a support for an over-draw check which will effectually prevent the check rein from wearing upon or rubbing against the head of a horse, and a winker stay adapted for attachment to the winkers or blinds of a bridle, through the medium of which stay the winkers or blinds may be held at any desired angle to the animal's head, and expeditiously and conveniently adjusted and held in adjusted position.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar figures and letters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of the checkrein support and the winker stay attached thereto, the support being illustrated in connection with a portion of an over-draw check. Fig. 2 is a detail perspective view of the support itself. Fig. 3 is a transverse section taken essentially on the line 3—3 of Fig. 1; and Fig. 4 is a section taken practically on the line 4—4 of Fig. 1.

In carrying out the invention the over-draw check support A consists primarily of a cross bar 10, adapted to rest upon the animal's face, and two side bars 11 and 12, which are made preferably of spring metal and as light as possible consistent with strength. The side bars are upwardly curved so as not to touch the animal's face; and the upper ends of the side bars are permanently attached to the crown strap 13 of the bridle, so that it is impossible for the side bars to contact with the animal's face or head.

What may be termed the face bar 10 may be made of leather, metal, or leather and metal combined, but in any event it is pref-

erably provided upon its under face with felt 14, or other material covering said face and of a like character, which will cushion the said bar, and likewise the under face of the crown strap 13 of the bridle is provided with a like cushion 15.

Loops or sockets 16, are preferably formed upon the upper face of the side bars 11 and 12 of the support, one at each end and one at or near the center; and as illustrated in Fig. 3, each loop or socket is preferably provided with one or more friction rollers 17. The side bars 11 and 12 are secured to the crown strap and face bar through the medium of rivets or equivalent fastening devices, and the loops or sockets may constitute integral portions of the side bars 11 and 12, or they may be attached thereto.

In operation, the rearwardly extending members 18 and 19 of an over-draw check B, are passed through the sockets or loops 16 of the support, resting upon the friction rollers 17. By this means it is evident that the check rein will be rendered exceedingly sensitive to every movement of the horse's head, and furthermore the check will be effectually prevented from coming in contact with the animal's face and head since it will be supported by the supporting frame A. The frame may be made so light as not to add materially to the weight of the check or the bridle.

In connection with the support, I usually employ a winker stay C. This stay consists of a rod 20 provided with a shank 21 usually located at or near the center and extending at right angles therefrom. The rod is provided with sockets in its ends, the wall of one socket being provided with a right-hand thread while the wall of the opposing socket is provided with a left-hand thread. When the winker stay is used, a slide-way or loop 22, is made in the central portion of the face bar 10 in such manner as not to be brought in engagement with the animal's head. The shank 21 of the winker stay is passed through this slide-way or loop, and is held in connection with the bar through the medium of a set screw 23. When the set screw is removed the winker stay may be detached from the check support, and the frictional engagement between the shank of the winker stay and its slide-way is such that the stay will remain in

whatever position adjusted relative to the face bar.

5 The wires 24 constituting the frames of the winkers are carried out from a top corner of the winkers, and one wire is provided with a right-hand thread and the other with a left-hand thread, the threaded ends of the wires being passed into the correspondingly threaded sockets of the rod 20.

10 By removing the shank 21 of the winker stay from engagement with the head bar of the check rein support, and turning the rod 20, the winkers may be drawn close to the animal's head, or carried to any angle with relation thereto, and the winkers will be held in their adjusted position after the winker stay is attached to the check rein support. The members of the over-draw check may be carried either above or below the body 20 of the winker stay.

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

1. A combined check rein support and

winker stay, comprising a support, consisting 25 of a face bar, and side bars attached at one end to the face bar and provided with sockets, and a winker stay consisting of an adjustable rod adjustably secured to the face bar of the support, substantially as described. 30

2. The combination with a check support formed of a face bar provided with a slide way and side bars, of an adjustable rod provided with a shank adjustably held in the slide way, substantially as described. 35

3. The combination, with a support adapted for attachment to a bridle, of a winker stay comprising a body bar having removable and adjustable engagement with the said support, and rods having screw connection with the stay bar, one bar having a right-hand and the other a left-hand thread, the rods being adapted for permanent attachment to the winkers of a bridle, as specified. 40

JOSEPH CARTER.

Witnesses:

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