

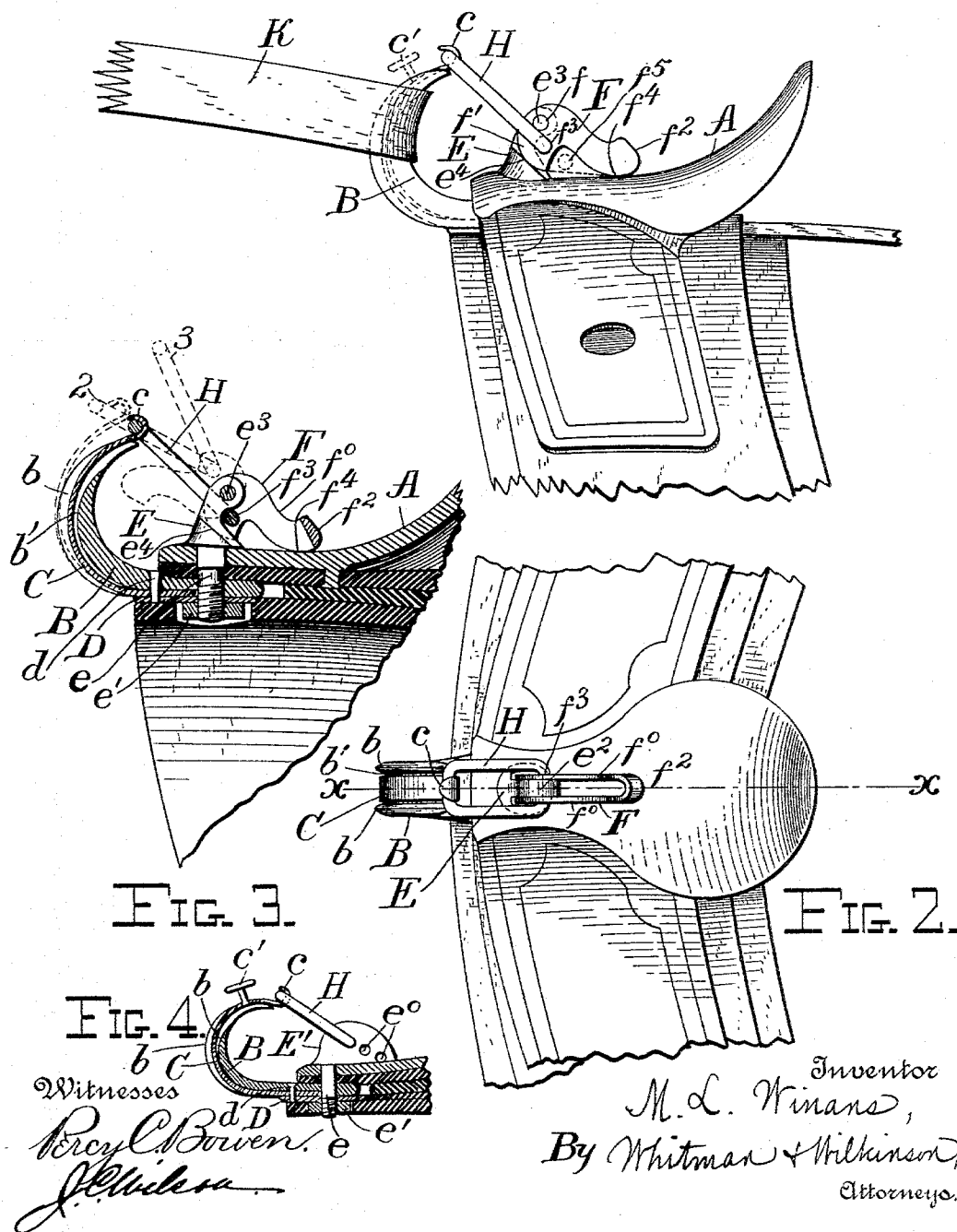
(No Model.)

M. L. WINANS.
CHECKREIN HOLDER.

No. 531,888.

Patented Jan. 1, 1895.

FIG. 1.



Witnesses

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UNITED STATES PATENT OFFICE.

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CHECKREIN-HOLDER.

SPECIFICATION forming part of Letters Patent No. 531,888, dated January 1, 1895.

Application filed July 14, 1894. Serial No. 517,590. (No model.)

To all whom it may concern:

Be it known that I, MYRON L. WINANS, a citizen of the United States, residing at Waco, in the county of McLennan and State of Texas, have invented certain new and useful Improvements in Checkrein-Holders; 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.

My invention relates to improvements in checkrein hooks and attachments for use on harness saddles and it consists of certain novel features hereinafter described and claimed.

Reference is had to the accompanying drawings, in which the same parts are indicated by the same letters and figures throughout the several views.

Figure 1 represents a side elevation of a harness saddle fitted with my improved checkrein hook. Fig. 2 represents a plan view of the device shown in Fig. 1, except that the checkrein is omitted, and Fig. 3 represents a section along the line xx of Fig. 2, and Fig. 4 represents a similar section of a modified form of the device.

A represents a harness saddle constructed in any suitable way.

B represents the checkrein hook which is secured to the saddle as will be hereinafter described. The said hook is provided with a curved groove b' on the forward side between the guide walls b . Mounted in this groove b' is a resilient plate or wire C which terminates in a small hook c . The said plate C is held between the plate D in the saddle, and the hook B by means of the pin d , as shown in Fig. 3; and these various parts are held in the saddle by means of the screw e and nut e' . The head E of the screw e is enlarged as shown and fits snugly on the top of the saddle A, terminating in a perforated lug a^2 which is perforated as at a^3 to receive the pivot pin f of the bell-crank lever F. This bell-crank lever is rounded as at f' to revolve freely over the shoulder e^4 , and has its opposite arms bent down as at f^4 to rest on the saddle A when the checkrein hook is in a locked position. This lever F may be made in the link form having sides f^0 connected to-

gether at f^2 as shown, or it may be made solid, and provided with additional holes f^5 as shown in dotted lines in Fig. 1, if preferred.

The link H is pivotally connected to the lever F as at f^3 , or as at f^5 , and the positions of these holes f^3 or f^5 are so arranged relative to the pivot center c^3 that the resiliency of the plate C acting through the link H, when the checkrein is in the locked position as shown in Fig. 1, will pull the face f^4 down on the saddle and keep the checkrein locked in the hook B.

K represents the checkrein, which is shown in the locked position in Fig. 1.

In order to detach the checkrein from the hook B, the end f^2 of the lever F is swung upward into the position shown in the dotted lines in Fig. 3, when the link H will assume the position indicated by the numeral 2. Then if the link H be swung up into the position indicated by the numeral 3, the checkrein may be readily disengaged from the hook.

In the form of device shown in Fig. 4 the resilient plate C is provided with a button c' by which it may be pressed down from the front far enough to allow the hook c to become detached from the link H. Moreover, the lever F is done away with and a lug E' substituted for the parts E and F, the said lug having a plurality of holes e^0 by which proper adjustment may be given to the link H.

It will thus be seen that the herein described apparatus provides a simple and efficient means for holding the checkrein in position and preventing it from becoming disengaged from the hook, and at the same time enables the attendant to readily disengage the checkrein from the hook whenever it may be desired. It also gives additional strength by holding at the top of the hook, and the hook is not likely to be broken by the horse's stumbling, the strain or pull from checkrein being not entirely from bottom of hook, and the hook being able to yield elastically.

Having thus described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

1. In a checkrein holder for harness saddles, the combination with the hook B grooved

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along its convex side, and a bent resilient plate or wire fitting in said groove, and rigidly attached at one end to the hook B and provided at its other end with a smaller hook *c*; of a link engaging at one end the hook *c*, and connected at its other end by suitable means to the top of the saddle; and means for engaging said hook in said link, and for releasing it therefrom, substantially as described.

2. In a checkrein holder for harness saddles, the combination with the hook B grooved along its convex side, and a bent resilient plate or wire fitting in said groove, and rigidly attached at its lower end to the hook B and provided at its upper end with a smaller hook *c*; of a link engaging at one end in the hook *c*, and connected at its other end to a bell-crank lever attached to the top of the saddle, the said bell crank lever being adapted to lock said link in said hook *c* when moved in one direction, and to release said link from

said hook *c* when moved in the opposite direction, substantially as described.

3. In a checkrein holder for harness saddles, the combination with the hook B, grooved along its convex side, and the bent resilient plate C fitting in said groove, and rigidly attached at its lower end to the hook B and provided at its upper end with the hook *c* adapted to engage a link; of a link H adapted to engage at one end in the hook *c* and connected at its other end to the bell-crank lever F pivotally attached to the screw bolt *e* and to said link, and adapted to lock said link when moved in one direction, and to release said link when moved in the opposite direction, substantially as described.

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

MYRON L. WINANS.

Witnesses:

ALLEN L. WEST,
V. H. CONGER.