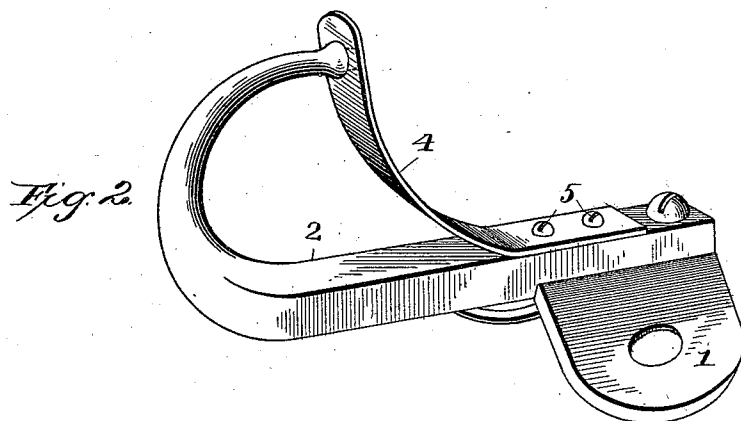
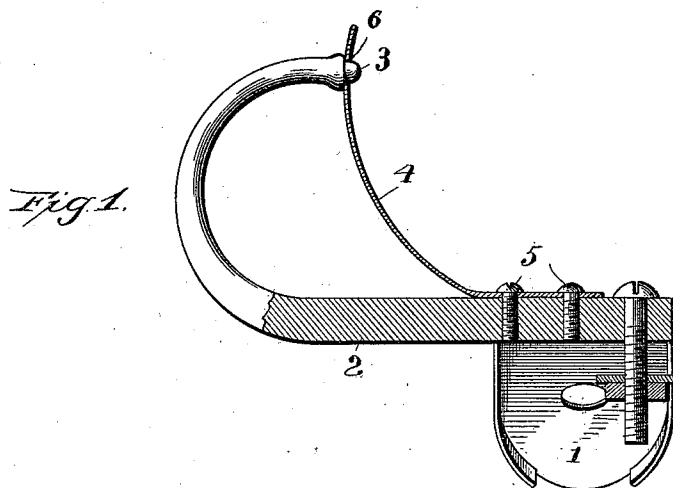


(No Model.)

H. F. HARTWELL.
CHECKREIN HOOK.

No. 555,444.

Patented Feb. 25, 1896.



Witnesses

E. C. Wurdeman,
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UNITED STATES PATENT OFFICE.

HARRY F. HARTWELL, OF BALTIMORE, MARYLAND.

CHECKREIN-HOOK.

SPECIFICATION forming part of Letters Patent No. 555,444, dated February 25, 1896.

Application filed April 8, 1895. Serial No. 544,857. (No model.)

To all whom it may concern:

Be it known that I, HARRY F. HARTWELL, a citizen of the United States, residing at Baltimore, in the State of Maryland, have invented certain new and useful Improvements in Checkrein-Hooks, of which the following is a specification.

My invention relates to a new and useful improvement in checkrein-hooks, and has for its object to produce such a device that will effectually prevent accidental displacement or detachment of the checkrein from the hook or holder; and with this end in view it consists in certain details of construction and combination of elements hereinafter set forth and then specifically designated by the claim.

In order that those skilled in the art to which my invention appertains may understand how to make and use the same, I will describe its construction and operation in detail, referring by numbers to the accompanying drawings, forming a part of this specification, and in which—

Figure 1 is a sectional elevation of my device in connection with a harness-saddle. Fig. 2 is a perspective of the same.

Similar numbers denote like parts in both views of the drawings.

1 is the ordinary harness-saddle, and 2 the body of the hook, attached to said saddle in any well-known manner, and extending upward and backward and terminating in the projection 3.

4 is a flat spring, secured to the body 2 by the screws 5, and curves upward and is provided with an opening 6, adapted to fit over the projection 3; so that it will be seen that

to insert the closed end of a rein within the hook it is only necessary to exert sufficient pressure against the upper end of said spring, whereby it will be forced backward and said rein permitted to pass within the inclosure of the hook, and as the draft on said rein is always approximately forward it will not be possible for it to become accidentally disengaged from said hook; but when it is desired to release it therefrom a sufficient pressure is brought to bear upon the spring 4 to force it backward, when the rein may be withdrawn from the hook. By the spring passing over the projection 3 the rein is prevented from being withdrawn from the hook by a sudden upward jerk, often occasioned by the movement of the horse's head.

I do not wish to be understood as limiting myself to the exact form of hook and spring shown, as they may be modified within the limits of my invention without departing from the spirit thereof.

What I claim as new and useful is—

As an article of manufacture, the herein-described checkrein-hook consisting of the bent hook 2, the saddle 1, the spring-strip 4 with an opening 6, and a shouldered projection 3 on said hook adapted to enter the opening 6, as and for the purpose described.

In testimony whereof I have hereunto affixed my signature in the presence of two subscribing witnesses.

HARRY F. HARTWELL.

Witnesses:

HENRY E. RICE,
ELMER R. BEVANS.