

(No Model.)

C. H. STOODY.  
HARNESS ATTACHMENT.

No. 571,808.

Patented Nov. 24, 1896.

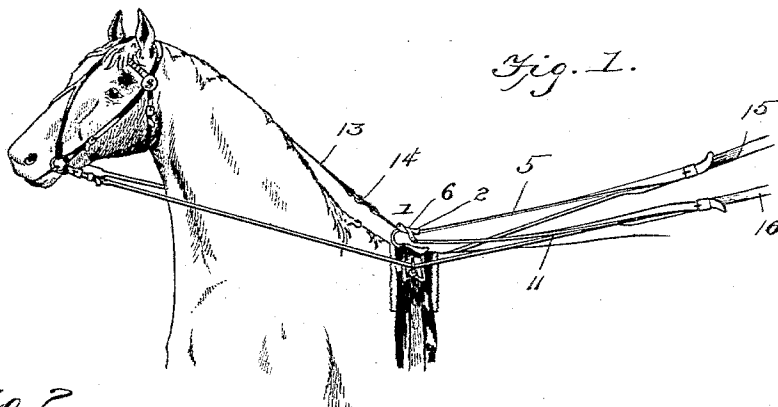


Fig. 2.

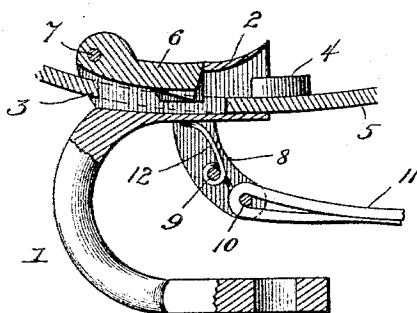


Fig. 3.

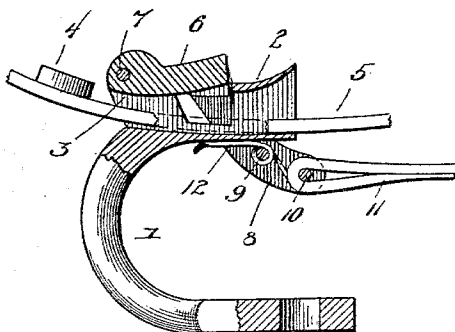


Fig. 4.

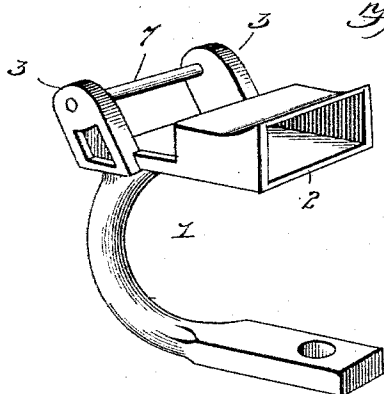
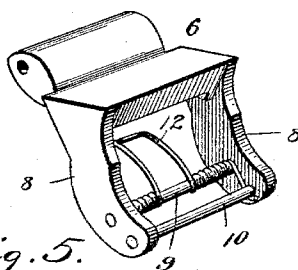


Fig. 5.



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# UNITED STATES PATENT OFFICE.

CHARLEY HENRY STOODY, OF RIPLEY, OHIO.

## HARNESS ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 571,808, dated November 24, 1896.

Application filed April 30, 1896; Serial No. 589,708. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLEY HENRY STOODY, a citizen of the United States, residing at Ripley, in the county of Brown and State of Ohio, have invented a new and useful Harness Attachment, of which the following is a specification.

This invention is designed to give freedom to horses when pulling uphill, drinking, or for any desired purpose without requiring the person to leave the vehicle for the purpose of releasing the checkrein and again fastening the same.

For a full understanding of the merits and advantages of the invention reference is to be had to the accompanying drawings and the following description.

The improvement is susceptible of various changes in the form, proportion, and the minor details of construction without departing from the principle or sacrificing any of the advantages thereof, and to a full disclosure of the invention an adaptation thereof is shown in the accompanying drawings, in which—

Figure 1 is a detail view showing the invention applied. Fig. 2 is a longitudinal section of the check-hook, showing the resetting-strap in locked relation. Fig. 3 is a view similar to Fig. 2, showing the releasing-strap as it will appear when subjected to tension and the resetting-strap released. Fig. 4 is a detail view in perspective of the check-hook having the latch removed. Fig. 5 is a perspective view of the latch and its actuating-spring.

Corresponding and like parts are referred to in the following description and indicated in all the views of the accompanying drawings by the same reference-characters.

The check-hook 1 is secured to the harness-saddle or the tree thereof in any of the usual ways and is provided at its free end with a box-loop 2 and parallel ears 3, the rear end of the box-loop flaring upwardly or away from the base of the hook to prevent catching the button 4 of the resetting-strap 5. The latch 6 has its butt portion bored or otherwise constructed to receive a pin 7, by means of which a pivotal connection is secured between the latch and the ears 3, the said butt portion of the latch fitting snugly between the ears 3. The rear end of the latch is adapted to engage

with the front end of the box-loop 2 and projects within the latter a sufficient distance to engage with the button 4 and prevent the forward movement of the resetting-strap 5 when the latter is in locked relation. Arms 8 are provided at the sides of the latch 6 and extend along the sides of the box-loop and in the rear of the ears 3 and terminate about midway between the base of the check-hook and the box-loop. These arms 8 are connected by parallel cross-bars 9 and 10. The releasing-strap 11 is fastened to the cross-bar 10 and when drawn upon withdraws the rear end of the latch 6 from out of the path of the button 4, whereby the resetting-strap being liberated can move forward when pulled upon. A spring 12 is mounted upon the cross-bar 9 and is formed of a wire which is doubled upon itself and is formed into side coils intermediate of its ends, the coils receiving the cross-bar 9 and the terminal portions engaging, respectively, with the box-loop 2 and the cross-bar 10, whereby the spring is prevented from turning upon the cross-bar 9 and is at all times subjected to tension.

The check-hook being secured to the harness-saddle in any convenient way, and the checkrein 13 being engaged with the resetting-strap 5 by means of a snap-hook 14, or in any other desired way, and both the releasing and the resetting straps being buckled or otherwise attached to the reins 15 and 16, the device will be in operative relation substantially as shown in Fig. 1. When the checkrein is subjected to tension, the button 4 is in engagement with the latch 6. If it be required to release the checkrein to give freedom to the animal, the rein having connection with the releasing-strap is pulled upon, thereby withdrawing the latch from in front of the button 4, and the animal drawing upon the checkrein will cause the resetting-strap to move forward. The animal is reined up by drawing upon the resetting-strap until the button 4 passes beneath the latch 6 and is engaged thereby, the pull upon the resetting-strap being effected by drawing upon the opposite driving-rein.

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

1. In a check-hook, a box-loop at the free end of the bill, and a latch located in front

of the box-loop and forming with the front portion of the bill a space corresponding with the box-loop, and having its rear end extending across the space of the said box-loop, the free end of the latch projecting into the space formed between the bill and shank of the check-hook, substantially as set forth.

2. In a check-hook, a box-loop provided at the free end of the bill, outwardly-extending ears located in front of the box-loop, a latch having pivotal connection with the said ears and forming with the front portion of the bill a space corresponding with the box-loop, said latch having its rear end projecting across the space of the said box-loop and having its free end extending into the space formed between the bill and shank, and a spring for normally holding the latch in proper position, substantially as and for the purpose set forth.

3. In combination, a check-hook having a box-loop at its free end which is made flaring, and a spring-actuated latch having pivotal connection with the check-hook and having parallel arms which extend along the sides of the box-loop and are adapted to have a releasing-strap connected therewith, substantially in the manner and for the purpose set forth.

4. In combination, a check-hook having a box-loop at its free end and parallel ears, a latch having pivotal connection with the ears and extending into the space of the box-loop, and formed with parallel arms which extend along the sides of the box-loop and in the rear

of the aforesaid ears, and are adapted to have a releasing-strap connected therewith, substantially as and for the purpose set forth.

5. In combination, a check-hook having parallel ears and a box-loop at its free end, a latch having pivotal connection with the ears and formed with parallel arms which extend along the sides of the box-loop, a cross-bar connecting the parallel arms, and a spring mounted upon the cross-bar and exerting a pressure against the box-loop to hold the latch closed, substantially as set forth.

6. In combination, a check-hook having parallel ears and a box-loop at its free end, a latch having pivotal connection with the said ears and having parallel arms to extend along the sides of the box-loop, cross-bars extending in parallel relation and connecting the end portions of the parallel arms, a spring mounted upon the upper cross-bar and having its terminal portions engaging with the box-loop and lower cross-bar, a resetting-strap adapted to operate through the box-loop and provided with a button, and a releasing-strap having connection with the lower cross-bar of the latch, substantially as set forth for the purpose described.

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

CHARLEY HENRY STOODY.

Witnesses:

EMIL SINN,

CLINTON C. TORRENCE.