(No Model.)

# H. P. KYES.

## CHECKREIN DETACHING OR ATTACHING DEVICE.

No. 498,353. Patented May 30, 1893.

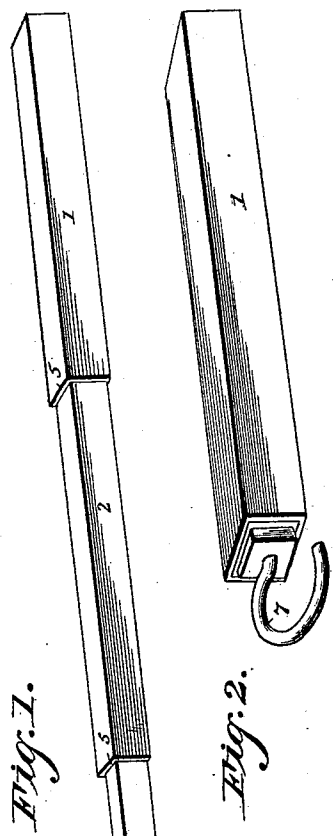

Fig. 1.



Fig. 2.

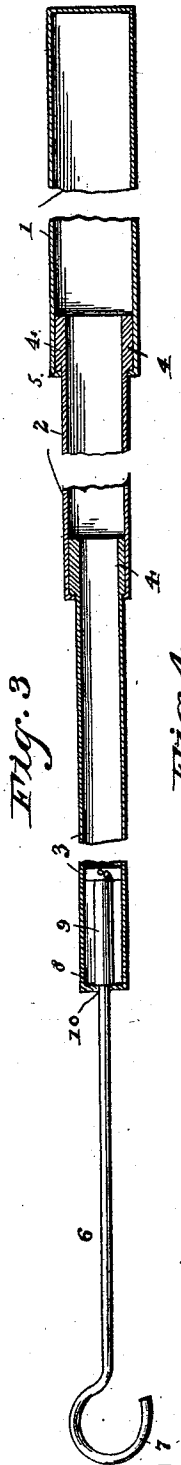

Fig. 3.

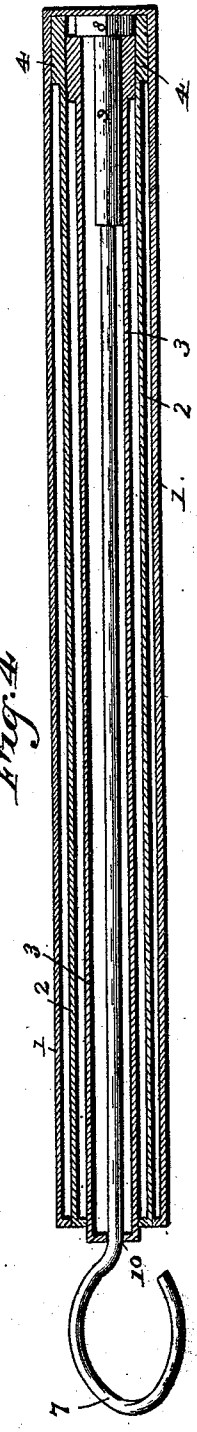

Fig. 4.

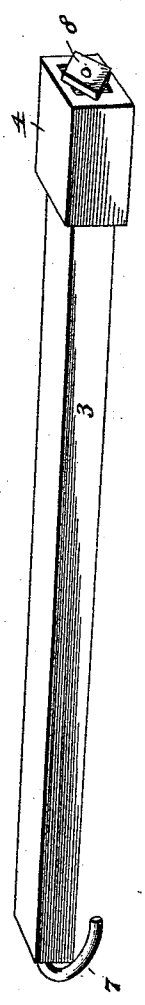

Fig. 5.

Witnesses

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# UNITED STATES PATENT OFFICE.

HENRY P. KYES, OF RIVERSIDE, CALIFORNIA.

## CHECKREIN DETACHING OR ATTACHING DEVICE.

SPECIFICATION forming part of Letters Patent No. 498,353, dated May 30, 1893.

Application filed January 24, 1893. Serial No. 459,570. (No model.)

*To all whom it may concern:*

Be it known that I, HENRY P. KYES, a citizen of the United States, residing at Riverside, in the county of San Bernardino and State of California, have invented a new and useful Checkrein Detaching or Attaching Device, of which the following is a specification.

This invention relates to check-rein attaching or detaching devices, and has for its object to provide convenient means for checking or unchecking a horse without alighting from the vehicle; and with this object in view, the invention consists of the construction and arrangement of the parts as will be hereinafter more fully described and claimed.

In the drawings: Figure 1 is a perspective view of the improved device shown distended and ready for use. Fig. 2 is a similar view of the device contracted and ready for storage. Fig. 3 is a longitudinal vertical section taken centrally of the device as shown in Fig. 1, and broken away in parts to provide for presentation on a larger scale. Fig. 4 is a similar view of the device as shown by Fig. 2. Fig. 5 is a detail perspective view of a part of the device.

Similar numerals of reference indicate corresponding parts in the several figures.

Referring to the drawings, the numerals 1, 2, and 3 designate square or rectangular telescopic sections that form a handle or support of an extensible and contractible nature, and are loosely mounted in connection with each other in order that by simply tilting the main section 1 at a downward angle of inclination the remaining sections 2 and 3 will readily slide outward therefrom and adjust themselves longitudinally. At the inner end of each section a shoulder enlargement 4 is provided, and the front ends of each of said sections are bent downwardly or crimped, as at 5, to form a stop that engages the shouldered enlargement of the adjacent section when the several sections are distended to thereby prevent entire disconnection of the several parts. The said sections are constructed of square or rectangular form in order to prevent one from turning within the other, and in the outer end-section 3 is mounted a rod 6, having a hook 7 on its front end, and a square head 8 at the rear end thereof. The said rod 6 is slightly longer than the section 3, and the square head 8 on the rear end of the said rod is slightly smaller than the dimension of the section 3, but large enough to prevent turning of the rod, and thereby always sustaining the hook 7 in proper engaging position. When the rod 6 is moved backward or closed in the section 3, so that the hook 7 contacts with the outer end of the said section, the rear head 8 is located back of the rear end of the said section 3, and by slightly turning the rod 6 the angular corners of the said head are adjusted out of line with the similar angles of the section 3, and thereby the said rod 6 is prevented from sliding outward from the section 3 until it is turned by grasping the hook 7 to bring the angles of the head 8 in line with the angles of the said section. This arrangement provides for preventing the rod 6 from slipping outward from the section 3 when it is not desired, and thereby assists in holding the parts in compact form for storing and when the device is not in use.

The main section 1 is closed at its rear end and thereby forms a box or receptacle to receive the other parts of the device. The rod 6, adjacent to the head 8 thereof, is provided with a sleeve or covering 9, that obviates wear directly on the rod, and also acts as a shoulder, and the front end of the sections 3 is provided with a larger opening, as at 10, than the diameter of the rod and sleeve 9 require, in order to permit the said rod to have a downward tilting motion or position to adapt the hook 7 to be more readily engaged with the check-rein in checking or unchecking the same.

It will be understood that the several sections may be suitably ornamented and constructed of suitable material, but for durability and general usage, metal is preferred in the formation of the device, and though only three sections are shown, the number of the sections might be increased or decreased if found desirable or necessary.

It will also be understood that the device may be suitably embellished with pleasing designs, or ornamented in any suitable manner.

In operating the device the driver of a vehicle may sit in his seat and hold it in a downward inclination until the parts have assumed

their proper working position, when the horse or other animal may be unchecked without stepping from the vehicle, and permitted to water without discomfort to the occupants of the vehicle. When it is desired to check, the same operation ensues, it being understood that the device will be allowed to remain in its distended condition until the check-rein is drawn back in connection with the check-hook, the hook 8 in each instance being placed in engagement with the check-rein to release or attach the same. When the device is placed in condition for disuse, the main section 1 is held vertically or at an upward inclination until the several sections fitted thereto, together with the rod, slide backward and are inclosed within the said main section, when the device is arranged compactly and can be conveniently stored in a very small space.

Changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

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

1. In a device of the character set forth, the combination of a series of rectangular telescopic sections, and a non-rotatable rod telescopically carried by the outer section and having a hook on the outer end thereof, the rectangular shape of said sections preventing the same from turning within each other and thereby always holding the hook in proper position substantially as described.

2. In a device of the character set forth, the combination of a series of rectangular telescopic sections loosely fitted to each other, and a rod loosely mounted in the outermost section and having a hook on the outer end thereof, and a rectangular head at the inner end of the same, the said rod being slightly longer than the section in which it is mounted, the said rectangular shape of the sections preventing the same from turning in each other and thereby always holding the hook in proper position substantially as described.

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

HENRY P. KYES.

Witnesses:
A. AIRD ADAIR,
L. R. KYES.