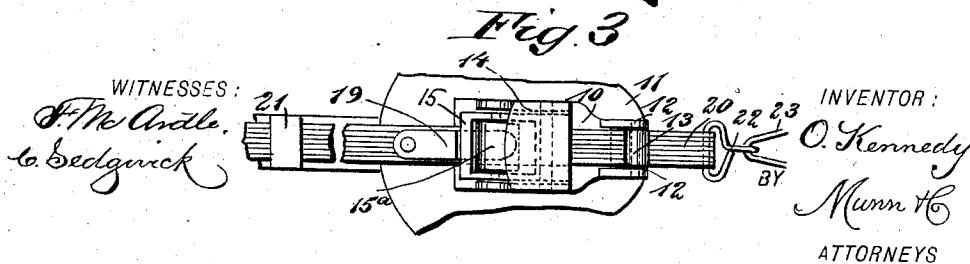
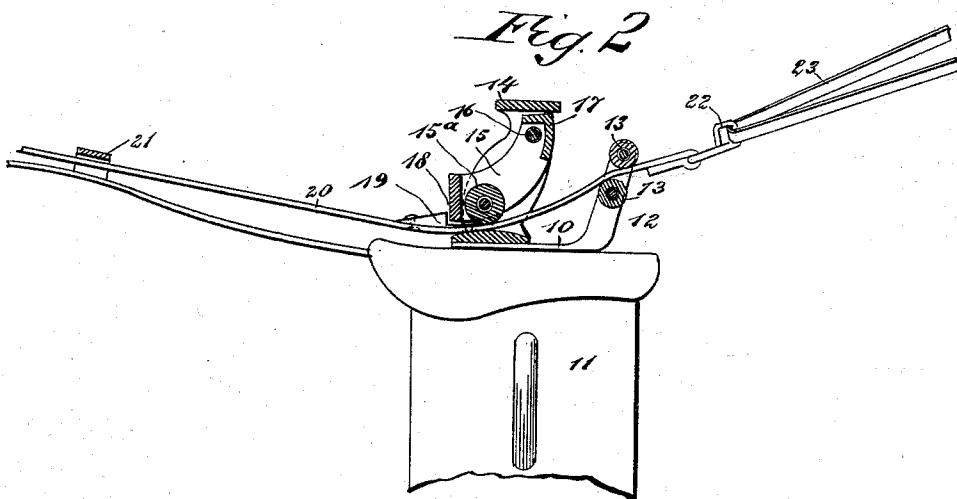
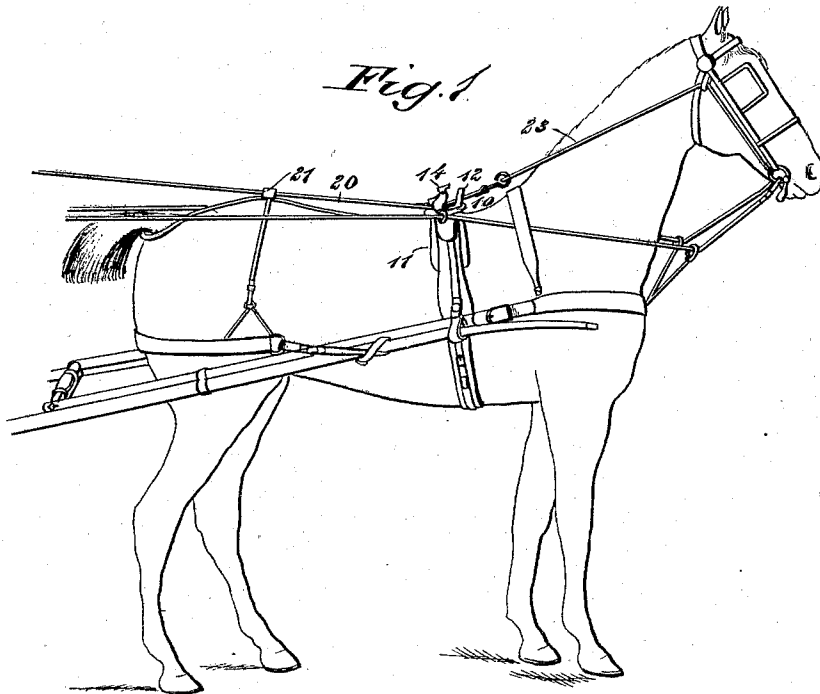


(No Model.)

O. KENNEDY.
CHECK REIN WORKER AND HOOK.

No. 477,549.

Patented June 21, 1892.



UNITED STATES PATENT OFFICE.

OLIVER KENNEDY, OF BRUNSWICK, GEORGIA.

CHECKREIN WORKER AND HOOK.

SPECIFICATION forming part of Letters Patent No. 477,549, dated June 21, 1892.

Application filed December 29, 1891. Serial No. 416,447. (No model.)

To all whom it may concern:

Be it known that I, OLIVER KENNEDY, of Brunswick, in the county of Glynn and State of Georgia, have invented a new and Improved Checkrein Worker and Hook, of which the following is a full, clear, and exact description.

My invention relates to improvements in harness attachments; and the object of my invention is to produce a simple device which may be applied to any harness and used in connection with any ordinary checkrein and which will enable the driver of a horse to check or uncheck the horse without leaving the carriage and with the greatest possible ease.

To this end my invention consists in certain features of construction and combinations of parts, as will be hereinafter described and claimed.

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

Figure 1 shows the invention as applied to a horse. Fig. 2 is an enlarged detail sectional view of the apparatus, and Fig. 3 is a broken plan view of the same.

The device is used as a substitute for the ordinary check-hook, and the part which is attached to the saddle is provided with a base-plate 10, which is fixed to the tree of the saddle 11 and which terminates at its front end in upwardly-extending parallel side arms 12, in which are pivoted rollers 13, the rollers being placed one above another and serving as guides for the operating-rein, as hereinafter described. On the rear end of the plate 10 and in alignment with the arm 12 is a keeper 14, in which is pivoted a curved rearwardly-extending pawl 15, the pawl being pivoted in the upper portion of the keeper, as shown at 16 in Fig. 2, and having its top and upper front portion closed, as shown at 17, which closure has no particular function, but renders the device more attractive in appearance. In the lower portion of the pawl, which is an open one, is pivoted a roller 15^a, which projects beneath the pawl and enables the latter to ride easily on the operating-rein without injury to the latter. The lower edge 18 of the pawl is adapted to engage a catch

or shoulder-plate 19, which is firmly riveted to the operating-rein 20, which rein extends backward through a keeper 21 on the back strap of the harness and into the carriage to which the horse is hitched. The operating-rein 20 extends forward through the keeper 14 and beneath the pawl 15 and between the guide-rollers 13, the front end of the rein terminating in a link 22, by means of which it connects with the checkrein 23, which checkrein is mounted on the bridle and connected with the bits in the usual manner, and it will be understood that the operating-rein may be connected with any checkrein.

It will be seen that this device may be used on any harness, and the mechanism is intended as a substitute for the ordinary check-hook.

The operation of the device is as follows: We will suppose that the horse is checked and the apparatus in the position shown in Fig. 2, with the lower edge of the pawl 15 engaging the catch 19 on the operating-rein 20. If the horse is to be unchecked, so as to permit him to drink or graze or for any other reason, the rein 20 is pulled backward, thus raising the pawl 15; and the rein is then slowly loosened, but kept partially taut, so that the pawl will ride lightly on the rein 20, the roller 15^a bearing upon the rein, and in this way the catch 19 may pass beneath the pawl, thus giving the horse the free use of his head. If the horse is unchecked and the driver desires to check him, the rein 20 is pulled back until the catch 19 passes the lower edge of the pawl 15, and then by quickly loosening the rein, so as to prevent any strain from coming on the pawl, the pawl will drop to place, and by engaging the catch 19 will hold the horse checked.

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

1. In a checkrein worker and hook, a base provided at its forward end with a stationary strap-guide, an upward-projecting stationary keeper on the base in rear of the strap-guide, and an upwardly and rearwardly swinging pawl pivoted at its upper end to the keeper and extending at its lower end into a plane lower than that occupied by the strap-guide, substantially as described.

2. In a checkrein worker and hook, a base

provided at its forward end with an upward-projecting stationary strap-guide, and a stationary keeper extending upward from the base in rear of the guide and provided with an upwardly and rearwardly swinging pawl having an anti-friction roller projecting below its lower end and in a plane lower than that of the said guide to engage a strap, substantially as set forth.

3. A checkrein worker and hook consisting in a base provided at its forward end with an upwardly-extending stationary strap-guide, a stationary keeper projecting upwardly from the base in rear of the strap-guide, a pawl pivoted at its upper end in the keeper to swing upwardly and rearwardly at its lower end, said lower end being in a lower plane than the strap-guide, and a checkrein-strap extending through the guide downwardly and rearwardly through the keeper under the said pawl and provided on its upper side with a catch or projection engaging the rear face of the lower end of the pawl, substantially as set forth.

OLIVER KENNEDY.

Witnesses:

JAMES MITCHELL,
WILLIAM J. SALLENS.