

UNITED STATES PATENT OFFICE.

FRANK E. FINGARLOS, OF BUFFALO, NEW YORK.

HORSE-CONTROLLER.

1,010,485.

Specification of Letters Patent.

Patented Dec. 5, 1911.

Application filed March 6, 1911. Serial No. 612,472.

To all whom it may concern:

Be it known that I, FRANK E. FINGARLOS, a citizen of the United States, residing at Buffalo, in the county of Erie and State of New York, have invented new and useful Improvements in Horse-Controllers, of which the following is a specification.

This invention relates to the horse-checking or controlling devices employed for curing horses of vicious habits, such as kicking and rearing, the present device being designed more especially for use in shoeing and treating horses.

The object of the invention is the provision of an effective and inexpensive device of this character which can be readily applied to the harness and which is adjustable to different sized animals.

In the accompanying drawings: Figure 1 is a perspective view of the device showing its application to a horse. Fig. 2 is a detached sectional elevation thereof, on an enlarged scale. Fig. 3 is a cross section on line 3—3, Fig. 2. Fig. 4 is a fragmentary longitudinal section on line 4—4, Fig. 5. Fig. 5 is a longitudinal section on line 5—5, Fig. 4. Fig. 6 is a fragmentary side elevation of the yoke, showing one of the detent rings.

Similar letters of reference indicate corresponding parts throughout the several views.

The device comprises a checking-brace or strut, preferably composed of telescopic members A and B adjustably secured together by a set screw *c* or other suitable means. The upper telescopic rod or member A carries a fork D, the upper ends of which are provided with snap-hooks *d* or other suitable attachments adapted to engage the bit rings *e* or other adjacent parts of the harness.

At its lower end, the other telescopic member B is attached to the central portion of a yoke F the outer ends of which are provided with hooks *f* adapted to engage the hame-rings *g* or equivalent attachments carried by the hame or collar of a harness. This yoke is preferably divided centrally and transversely into two arms or sections *f*¹, the adjoining ends of which are provided with overlapping eyes *f*² which are adjustably secured together by a clamping bolt *h*. This bolt enters a screw threaded opening in the lower end of a shank or stem *i* which

projects forwardly from the jointed portion of the yoke. The contiguous faces of the eyes *f*² may be provided with radial teeth *f*³ or similarly roughened portions to positively interlock them. Similar teeth are formed on the contacting faces of the shank *i* and the yoke to reliably hold the shank from rotation. Upon loosening the clamping bolt *h*, the arms *f*¹ of the yoke can be adjusted laterally or toward and from each other to adapt the yoke to hames and animals of different sizes.

As shown in the drawings, the lower telescopic member B is pivotally attached to the yoke-shank *i* by a transverse bolt *j*, so as to allow the checking brace A, B to swing toward and from the neck of the animal, as the same is lengthened or shortened to hold the animal's head at the desired height or inclination.

In order to apply this checking device, it is only necessary to loosen the set screw *c* and pass the hooks *f* of the yoke through the hame rings and engage the snap hooks *d* with the bit-rings. The animal's head is then raised to the proper height and the set screw again tightened.

It has been demonstrated by experience that this device cures an animal of kicking and other bad habits, permitting the horse-shoer or veterinary surgeon to approach with safety.

As the adjustability of the yoke F adapts the device to horse collars and hames of different widths, the necessity of manufacturing a variety of checking devices for different sized horses is obviated.

As shown in Figs. 1 and 6, the hooks *f* of the yoke are preferably provided with inwardly-swinging detents or rings *f*⁴ to prevent accidental detachment of the yoke from the hame-rings.

I claim as my invention:

1. A checking attachment, comprising a yoke provided at its ends with attaching means adapted to engage a hame, said yoke being composed of sections adjustable toward and from each other, and a checking brace attached at its lower end to the central portion of said yoke and provided at its upper end with attachments adapted to engage the bit-rings of a harness.

2. A checking attachment, comprising a yoke provided at its ends with attaching means adapted to engage a hame, said yoke

being composed of a pair of laterally-adjustable sections, a clamping bolt connecting the inner ends of said sections, and a checking brace attached at its lower end to the central portion of said yoke and provided at its upper ends with attachments adapted to engage the hame rings of the harness.

3. A checking attachment, comprising a yoke divided centrally into laterally-adjustable sections, said sections being provided at their outer ends with attachments adapted to engage the hame-rings of a harness, means for adjustably clamping the inner ends of said yoke-sections together, and a checking brace composed of telescopic sections and means for clamping the same in position, the lower end of said brace being attached to the central portion of said yoke and provided at its upper end with at-

tachments adapted to engage the bit rings of a harness.

4. A checking attachment, comprising a yoke composed of laterally-adjustable sections having their inner ends overlapped, a shank projecting forwardly from said lapped ends, a clamping bolt passing through said ends into said shank, a checking brace provided at its upper end with attachments adapted to engage the bit rings of a harness, and a transverse pivot-bolt connecting the lower end of said brace with said shank.

Witness my hand this 2nd day of February, 1911.

FRANK E. FINGARLOS.

Witnesses:

E. M. GRAHAM,
ANNA HEIGIS.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."