D. C. MONTGOMERY.

REIN-HOLDERS.

No. 193,986. Patented Aug. 7, 1877.

Fig 1

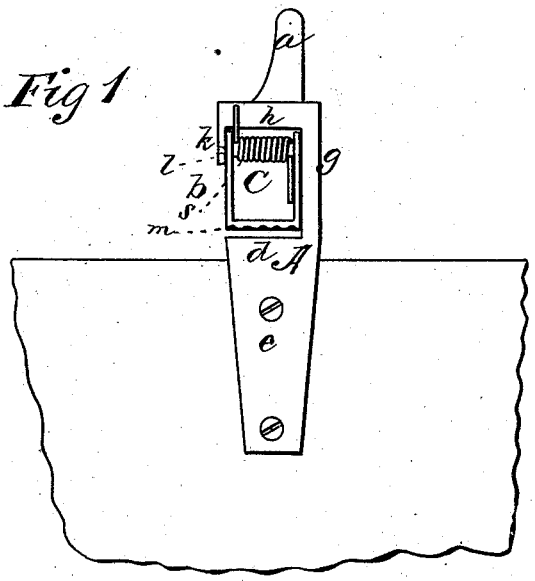


Fig 2

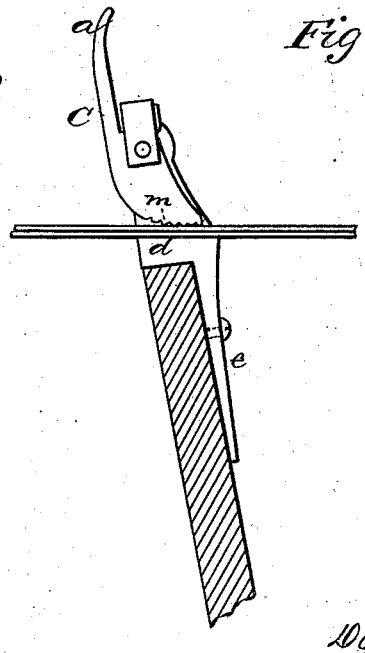
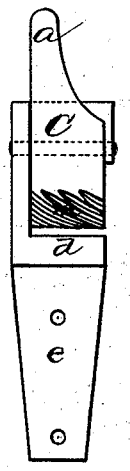


Fig 3



WITNESSES

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DAVID C. MONTGOMERY, OF ST. JOSEPH, MISSOURI.

IMPROVEMENT IN REIN-HOLDERS.

Specification forming part of Letters Patent No. **193,986**, dated August 7, 1877; application filed May 5, 1877.

To all whom it may concern:

Be it known that I, DAVID C. MONTGOMERY, of St. Joseph, in the county of Buchanan and State of Missouri, have invented a new and valuable Improvement in Rein-Holders; and I do hereby declare that the following is a full, clear, and exact description of the contruction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a rear view of my improved rein-holder applied; and Fig. 2 is a representation of a side view thereof with the post in section. Fig. 3 is a sectional view, showing the oblique grooves.

This invention has relation to rein-holders; and it consists in the construction and novel arrangement of the main casting or jaw open at the side, and the cam-pawl or pivoted casting, having an upwardly-extending handle and oblique grooves running inward and forward on its bearing-face, said pawl being held to its work by a spring, all as hereinafter shown and described.

In the accompanying drawing, the letter A designates the main jaw, which is designed to be cast with an opening, *b*, at the side, in order that the reins may be readily slipped in between the cam-pawl C and its holding-ledge *d*. It is provided with an extension, *e*, below which it is perforated for the fastening-screws. From one side of the ledge *d* the arm *g* extends upward for a certain distance, and terminates in the top or cross-bar *h*, which forms a right angle with said arm, and has a lug, *k*, which is perforated for the pivot *l*, whereby the cam-pawl C is connected to the main casting.

The cam-pawl is usually cast hollow in rear and curved on its under surface *m*, which is notched or grooved inward and forward, as shown, in order that the reins, when clasped between this eccentric and the ledge of the main casting, will not slip out at the side.

The weight of the reins in front and the movements of the horse will cause a forward pull on the reins, and the grooves or serrations, which are designed to be sufficiently edged to have a purchase on the reins, will keep the latter well inward against the arm *g*.

The upper portion *a* of the cam is extended above the cross-bar *h* of the main casting, and serves to form the handle, as well as the stop, which prevents the spring *s* from pressing the cam too far forward. This spring is located in the hollow of the cam and around the pivot *l*, which passes through perforations in its side walls, its ends being turned out straight, and bearing, respectively, against the wall of the hollow cam and the rear face of the cross-bar *h*.

This rein-holder is easily operated and effective. Its two main parts being designed to be cast, it can be economically manufactured.

What I claim as my invention, and desire to secure by Letters Patent, is—

The rein-holder, consisting of the fixed vertical abutment or jaw A, open at the side, and its fastening-extension *e*, cast in one piece, the cam-jaw C, pivoted thereto, and having its biting-surface obliquely grooved toward the abutment-arm *g*, the handle *a*, and spring *s*, substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

DAVID C. MONTGOMERY.

Witnesses:
JOHN S. TUTT,
JOHN L. MONTGOMERY.