

(No Model.)

R. S. MORSE.

HOLDBACK.

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Fig. 1.

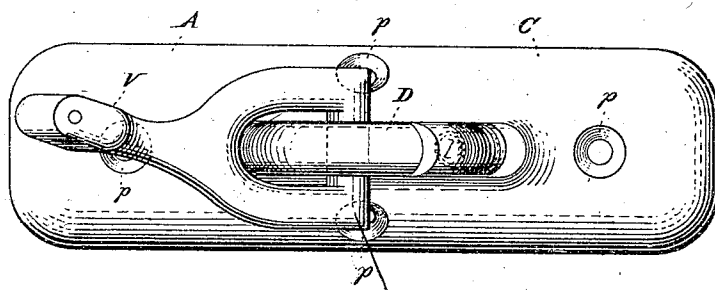
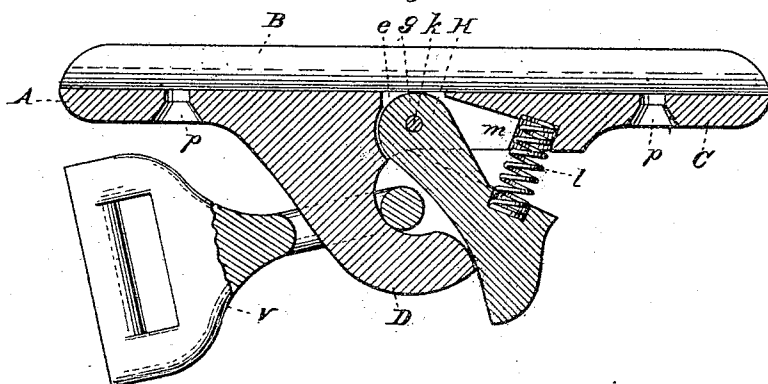


Fig. 2.



WITNESSES

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SPECIFICATION forming part of Letters Patent No. 321,838, dated July 7, 1885.

Application filed January 5, 1885. (No model.)

To all whom it may concern:

Be it known that I, REUBEN S. MORSE, a citizen of the United States, residing at Vienna, in the county of Oneida and State of New York, have invented certain new and useful Improvements in Holdbacks; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a representation of this invention, and is a side view. Fig. 2 is a horizontal section.

This invention has relation to holdbacks for buggies or wagons; and it consists in the construction and novel arrangement of devices, as hereinafter set forth, and pointed out in the appended claims.

In the annexed drawings, the letter A designates the holdback-plate, which is made of malleable cast-iron, having the concave inner side, B, and upon its outer side, C, the hook D, extending forward. In front of the hook is formed a slotted bearing, *e*, for the reception of the inner end, *g*, of the snap tongue or lock-piece H, which is pivoted in said slotted bearing by the pin *k*. The snap tongue or lock H is curved on its under longitudinal side, and its outer end engages the end of the hook D, and extends over the same to be engaged by the holdback-loop when the team has been driven forward a sufficient distance from the tongue. This construction is particularly advantageous in case of runaway.

It will be seen that when the loop V has been carried forward of the hook D it will engage its outer extended end, *a*, and press

the same to its seat, so as to allow the disengagement of the holdback-connection by a spring which is seated in the bearing *m* of the base-plate. Through the base-plate are made the perforations *p*, for the passage of the screws whereby the plate is secured to the shaft.

V represents the holdback-connection, which consists of a double loop, the forward loop being horizontal and the rear loop vertical and turned a little inward for attachment to the holdback-strap.

The holdback-loop V is made of metal, and is connected to the holdback-strap. When the horse is being geared up, the forward branch of the loop is pressed against the snap-tongue H and passed under the hook D, when it becomes securely fastened in position. In order to disconnect the holdback, the tongue H must be pushed forward, opening the way for the loop to pass out from under the hook, this disconnection, as before described, being affected automatically in case of runaway.

Having described this invention, what I claim, and desire to secure by Letters Patent, is—

As an improved article of manufacture, the holdback herein described, consisting of the concave metallic plate A, having the hook D, slot-bearing *e*, and recess-bearing *m*, the snap-tongue H, curved as described, and pivoted in the slot bearing, the spiral spring seated in the recess-bearing and engaging the under side of the said snap-tongue, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

REUBEN S. MORSE.

Witnesses:

ABNER KNIGHT,
JOHN H. RICE.