D. H. WEAVER & M. HEATWOLE.

Rein-Holder.

No. 206,756. Patented Aug. 6. 1878.

Fig: 1.

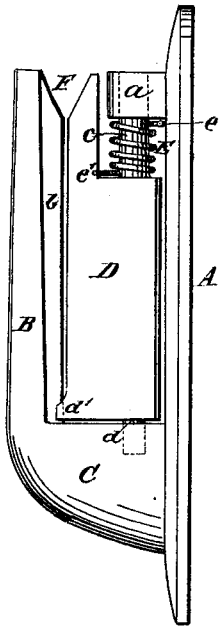


Fig: 2.

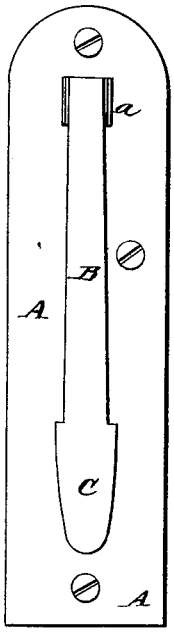
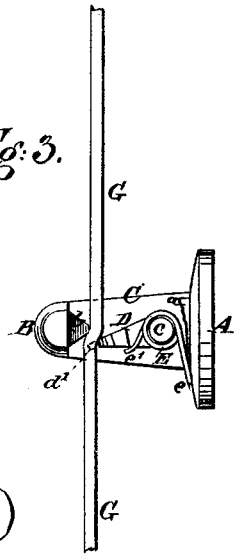


Fig: 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

DAVID H. WEAVER AND MARTIN HEATWOLE, OF SPRING CREEK, VA.

IMPROVEMENT IN REIN-HOLDERS.

Specification forming part of Letters Patent No. **206,756**, dated August 6, 1878; application filed April 12, 1878.

To all whom it may concern:

Be it known that we, DAVID H. WEAVER and MARTIN HEATWOLE, of Spring Creek, in the county of Rockingham and State of Virginia, have invented a new and Improved Rein-Holder, of which the following is a specification:

The object of the invention is to form a reversible line or rein holder, conveniently attachable to either side of the harness, to prevent the lines or reins from dragging, as hereinafter described.

In the accompanying drawing, Figure 1 represents a side view of my improved rein-holder. Fig. 2 is a front view of the same. Fig. 3 is a top view, with the upper lug broken away to better show the construction.

Similar letters of reference indicate corresponding parts.

A is the vertical base-plate of the holder, or that by which it is screwed to its place. B is a vertical post, connected at its lower end to the plate A at a distance from the latter by the horizontal lug or projection C. Opposite to the upper end of the post B the plate A has a lug, *a*. The inner edge *b* of the post B opposite to the plate A is V-shaped, or beveled on both sides. The lugs *a* C and post B are formed with the plate A in one piece of casting.

D is the clamp, of wedge-shaped cross-section, and provided with an upper longer journal, *c*, and a lower shorter journal, *d*, by which it is hinged between the lugs *a* and C in a hole through the upper lug, *a*, and a socket in the lower lug, C.

E is a spiral spring, wound around the journal *c*, and fitted to press with its ends in opposite directions, the end *e* resting against the plate A, and the other end, *e'*, pressing on the clamp D to turn it, so that the catch *d'* at its lower end will always tend to rest against the edge *b* of the post B, and serve as a stop to prevent the clamp from being turned past the said edge *b* by the force of the spring E. The spring E expands also endwise between the lug *a* and the upper shoulder or surface of the clamp D, and thus serves not only to turn the latter, but also to keep its lower journal, *d*, down into its socket in the lug C.

The rein or line is fastened by being inserted in the guiding-notch F, formed by beveling off the upper ends of the adjoining edges of the clamp D and the post B, and then pulling and pressing downward at the same time, which opens the clamp just sufficiently to admit the rein or line G, and holds the latter firmly against any pull in the opposite direction. The rein is released by simply pulling in the same direction as when inserting, and raising it at the same time. The clamp D can be raised out of the lower socket, swung out sidewise, and thus removed, when desired, to reverse it or make it clamp from the opposite side. This is done by inverting the spring E upon the journal *c*, and again inserting the clamp D in its bearing in such a manner that the point *e'* of the spring E will bear against the opposite side of the clamp D, and the catch *d'* on the opposite side of the edge *b* of the post B.

We do not limit ourselves to the exact form of any of the parts shown, as they may be varied without departing from our invention.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

The combination, with the supporting-plate A B C, having lug *a*, V-shaped edge *b*, and catch *d'*, of the clamp D, having the spiral spring E on its upper journal, *c*, as shown and described, to form a reversible line or rein holder.

DAVID H. WEAVER.
MARTIN HEATWOLE.

Witnesses:
SOLOMON WEAVER,
DAVID GRAHAM.