(No Model.)

W. B. ADAMS

REIN HOLDER.

No. 402,791. Patented May 7, 1889.

Fig. 1

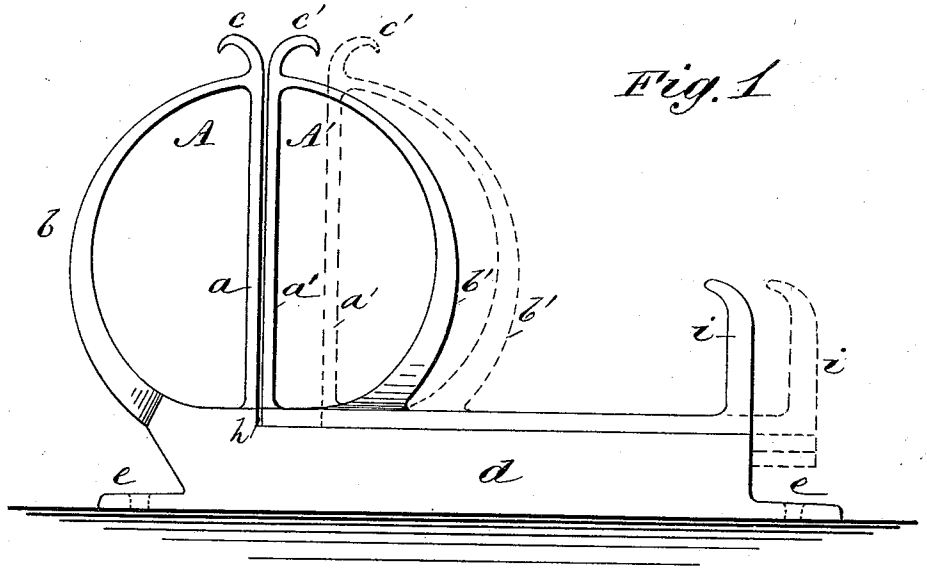


Fig. 2

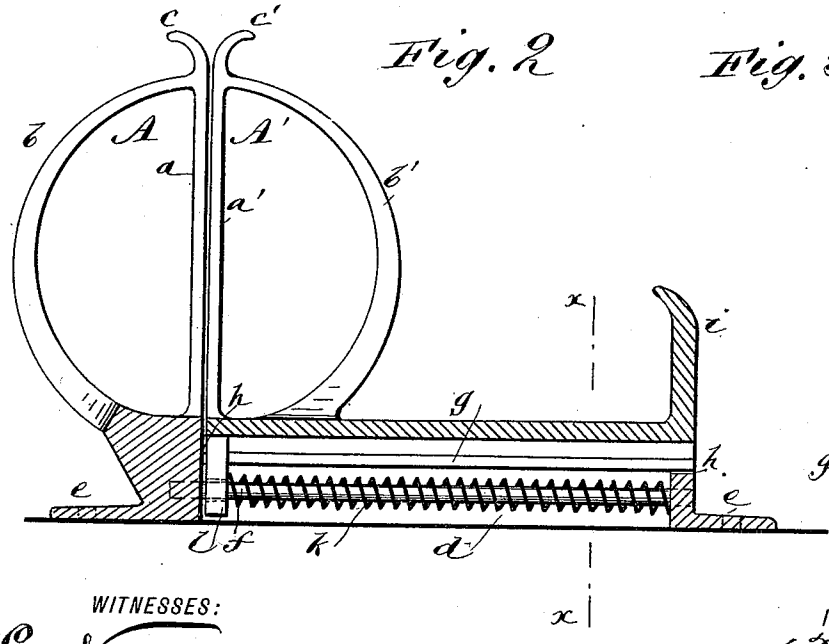
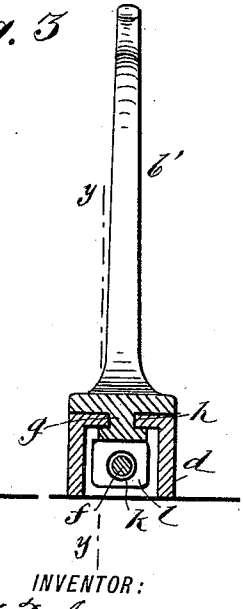


Fig. 3



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WILLIAM B. ADAMS, OF GREENFIELD, OHIO.

REIN-HOLDER.

SPECIFICATION forming part of Letters Patent No. 402,791, dated May 7, 1889.

Application filed October 2, 1888. Serial No. 286,941. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM B. ADAMS, of Greenfield, in the county of Highland and State of Ohio, have invented a new and useful Improvement in Rein-Holders, of which the following is a full, clear, and exact description.

This invention relates to that description of rein-holders or line-supports for harness, when the lines are not being used, that virtually consist of a spring-clamp, down between or within which the lines are entered and held, and up out of which they are as readily removed when required to be used.

The invention consists in a rein-holder of this description of novel construction, substantially as hereinafter described, and pointed out in the claim.

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

Figure 1 represents a side elevation of a rein-holder or line-support for harness embodying my invention, the same being shown by full lines as closed and by dotted lines as open. Fig. 2 is a vertical longitudinal section of the same upon the line *y y* in Fig. 3, and Fig. 3 a transverse section upon the line *x x* in Fig. 2.

Ordinarily the device will be applied to the harness just below the gig-saddle—generally to the part known as the "shaft-bearer;" but in some cases it may be secured to the saddle itself.

The device is mainly composed of two metal sections, A A′, the one A of which is stationary and the other, A′, movable toward and from the stationary section. These sections, which are preferably made of cast metal, are constructed to present two uprights or clamping-bars, *a a′*, down between which the lines or reins are entered when required to be held. Said uprights or bars are strengthened at their backs by bracing-pieces *b b′*, of any suitable curved or other configuration, but so that they or their respective uprights *a a′* present at their upper ends flaring lips *c c′*, to facilitate the entrance of the lines or reins down between the uprights or clamping-bars.

The stationary section A is constructed at its base with a box portion, *d*, having flanges *e e*, by which it is secured to the harness or saddle, and is furthermore provided with an attached rod, *f*, arranged longitudinally within the box part *d*. The other or movable section, A′, is fitted to slide upon or over the box part *d* toward and from the stationary section A, and is constructed with a T-shaped slide, *g*, on the under side of its base, arranged to move within and along a slot, *h*, in the upper side of the box part and in or out of the back end of the latter, which is suitably apertured for the purpose, said slide *g* serving to guide the section A′ in its movement toward or from the stationary section A and to keep it down on the box part *d*. The base portion of said movable section A′ extends nearly the full length of the box part *d* and is formed with a thumb or finger piece, *i*, at its back or outer end to provide for drawing the movable section A′ out or away from the stationary section A against the tension of a coil-spring, *k*, arranged around the rod *f* and made to bear at its free end against a projection or foot, *l*, of the movable section A′, fitted to enter the box part *d* through the slot *h*. The spring *k* serves to keep the rein-holder closed, so as to clamp the lines when entered down between the uprights or bars *a a′* of the device.

By the construction of the device as described what may be termed the "working parts" of the rein-holder are protected from rusting and sticking in wet or freezing weather by reason of the box part *d*, containing the spring and closed on its slotted top by the movable section A′.

The lines hung or secured within said rein-holder will not warp or twist when put there while wet, and they are readily disposed of in the holder and may be as quickly removed or lifted out from between the clamping-uprights *a a′*, free from all kinking or tangling. The device is not liable to get out of order and requires only the use of one hand to open it when putting the lines in, and no manipulation of it when taking the lines out, inasmuch as they may be readily lifted out from between the clamping-uprights, which then become self-closing by means of the spring.

The vexation and annoyance of trying to

run the lines through the usual line-ring is done away with, and pulling them through and tying them upon each side of the bridle-bit is dispensed with, also the trouble of drawing them back and leaving them in the vehicle, and there is no chance for the lines to get under the horse's feet or in the dirt. The device also forms a good, easy, and safe place for the lines when not removing the horse or horses from the vehicle, and keeps the same out of reach of the animal's tail during "fly-time," or when the horse is nervous or restless. It is also adapted to the use of the hitching-strap, as on removing the lines the end of the strap can be carried there and not be removed from the bridle-bit and thrown into the vehicle to be lost.

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

In a rein-holder or line-support for harness, the combination of the stationary section A, having a clamping upright or bar, *a*, and slotted base box part *d*, the movable section A′, fitted to slide on and along or over the slotted base box part *d*, and having a clamping upright or bar, *a′*, and projection *l*, arranged to enter said box part, and the rod *f* and spring *k*, also under cover of the box part, substantially as shown and described.

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Witnesses:
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