

A. BING.
REIN HOLDER.

APPLICATION FILED OCT. 24, 1908.

943,376.

Patented Dec. 14, 1909.

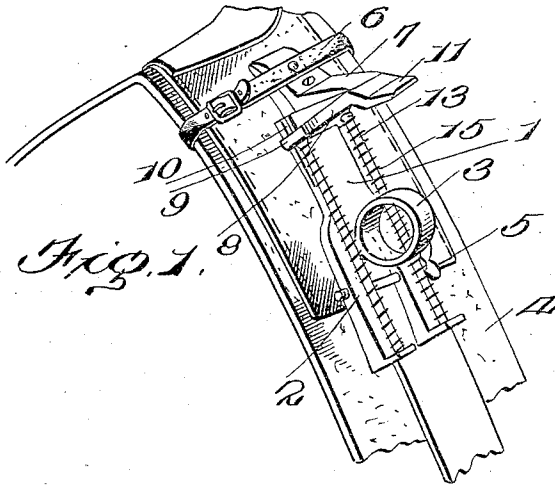


Fig. 2.

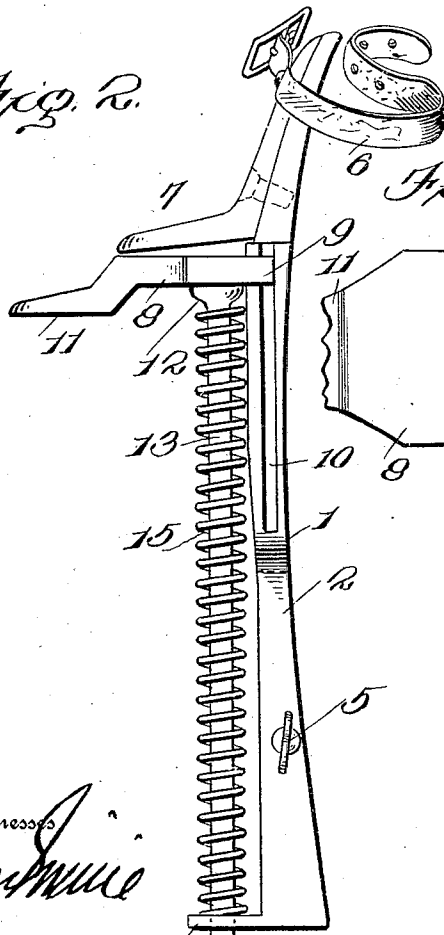


Fig. 3.

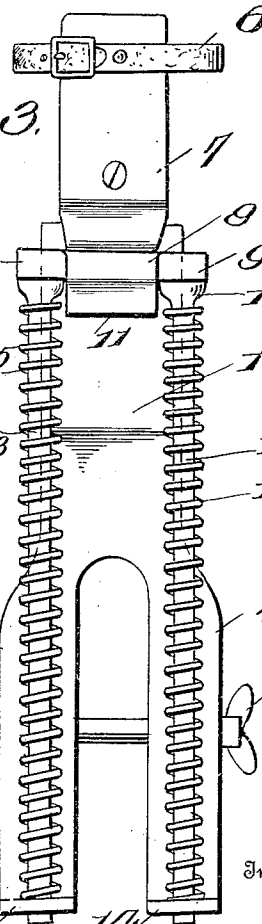
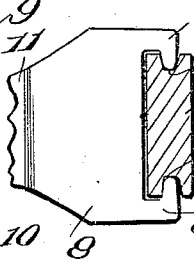


Fig. 4.



Witnesses

Arnold Bing

W. J. Woodson

By

Arnold Bing

W. J. Woodson, Attorneys

UNITED STATES PATENT OFFICE.

ARNOLD BING, OF CANBY, MINNESOTA.

REIN-HOLDER.

943,376.

Specification of Letters Patent.

Patented Dec. 14, 1909.

Application filed October 24, 1908. Serial No. 459,373.

To all whom it may concern:

Be it known that I, ARNOLD BING, a citizen of the United States, residing at Canby, in the county of Yellow Medicine and State of Minnesota, have invented certain new and useful Improvements in Rein-Holders, of which the following is a specification.

The object of my invention is to provide a rein holder which may be adjustably secured to the saddle or pad portion of a harness in a manner permitting of its removal and transfer to other harness if desired, without detracting from the appearance of the harness or the efficiency of the holder.

The invention consists in the construction and arrangement of the several parts designed to grasp and retain the reins when introduced between spring actuated gripping members, and permit of the withdrawal of the reins without loss of time or unnecessary effort on the part of the operator.

For a full understanding of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result, reference is to be had to the following description and accompanying drawings, in which:

Figure 1 is a perspective view of the holder in position upon one side of the harness saddle or pad; Fig. 2 is a side elevation; Fig. 3 is a front view; and, Fig. 4 is a detail view of the movable clamp member.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

Referring to the drawings, the numeral 1 designates a body portion or support of the holder provided with a forked end portion 2 adapted to straddle the rings 3 on the saddle 4, and held at said forked end from lateral or vertical movement by a pin 5 extending through the forked ends adjacent to the shanks of the rings. In the present instance, the support is designed to straddle the rings 3 at the forked end and be secured to the saddle 4 at its opposite end by a strap 6 secured to said holder and designed to surround the saddle and cooperate with the pin 5 to hold said support securely in position upon the harness.

The numeral 7 designates a stationary jaw secured to the support 1 constituting a clamp member arranged to cooperate with a movable clamp member 8, slidably secured to the support by means of oppositely curved

side projections 9 extending around both edges of said support and engaging angular slots or grooves 10 formed therein, and said movable clamp member is also provided with a lip or downwardly curved portion 11 designed as a guide piece for the rein when it is desired to introduce the rein in the holder.

The numeral 12 designates a support or seat secured to the clamp member 8 and upon which the said clamp member rests, and 13 designates legs projecting from both sides of said seat and extending through guides 14 located upon the forked lower ends of the support 1. Surrounding the legs 13 are spiral springs 15 interposed between the seat 12 and guides 14 for the purpose of holding the movable clamp member 8 in a closed or gripping position, and to offer sufficient resistance to tightly grip and hold the reins when introduced between said clamp members.

With the arrangement of the several parts as shown, the holder will be adjustably secured at its forked end to the rein rings on both sides of the saddle or pad portion of the harness and at its opposite end to said saddle by the strap 6. The spring actuated clamp member 8 is manipulated by the guide piece or lip 11 when it is desired to introduce the rein between the clamp members, and the reins when so introduced will be tightly gripped consequent upon the tension of the spring 15 exerted upon the under side of said movable clamp member 8. As will be understood the reins may be released or withdrawn from the holder by a simple manipulation or separating movement of the clamp member, the entire operation both when introducing and withdrawing the reins being governed by the manipulation of said clamp members by the operator.

Having thus described the invention, what is claimed as new is:—

1. A rein holder comprising a body portion or support provided with a forked end adapted to fit over a saddle terret, a transverse bolt connecting the two legs of the forked end, an outwardly projecting jaw fixedly secured to the upper end of said support, a clamping jaw slidably mounted on said support, and means on the support acting to force the movable clamping jaw into engagement with the fixed jaw.

2. A rein holder comprising a body portion or support curved to conform to a sad-

dle and provided with a forked lower end adapted to engage over a saddle terret, a clamp screw secured transversely across said forked end portion, a fixed clamping jaw supported on the upper end of the support, an outwardly projecting clamping jaw slid-
15 ingly mounted on the support and adapted to engage with the lower face of the fixed clamping jaw, legs projecting from the movable clamping jaw and extending longi-
20 tudinally of the support, guides on the support through which said legs pass, and springs surrounding the legs and bearing against the guides at one end and against
25 the movable clamping jaw at the other end, whereby said clamping jaw is forced up-wardly into engagement with the fixed clamping jaw.

3. A rein holder comprising a slightly curved body portion or support, the lower end of which is forked to engage over a saddle terret, the intermediate portion of the body being provided with longitudinal lateral grooves, a transverse clamping bolt con-

necting the two legs of the forked portion of the body, a strap attached to the upper end of the body and adapted to be passed around an adjacent portion of the harness, a fixed angular jaw, the projecting flange of which is rigidly attached to said support or body
30 portion, a movable jaw having inwardly turned projections on its inner end engaging with the lateral grooves on the intermediate portion of the body, the outer end of said jaw being downwardly and outwardly
35 deflected to form a handle, longitudinally extending parallel rods attached to the under face of the fixed jaw and passing through flanges projecting from the ends of the forked portion of the body, and springs sur-
40 rounding the rods and resisting the depression of the movable jaw.

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

ARNOLD BING. [L. s.]

Witnesses:

J. P. LANGMACK,
C. C. NORDMEYER.