J. R. ACHENBACH.

Rein Holder.

No. 112,524. Patented Mar. 14, 1871.

Fig. 1.

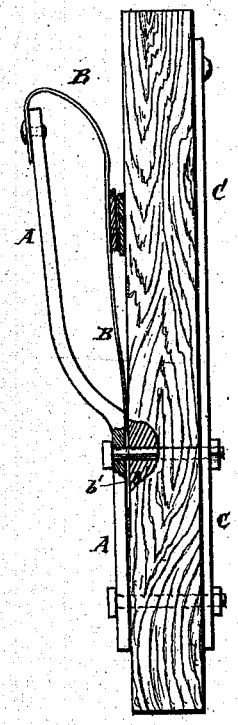
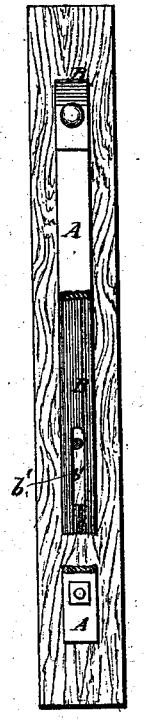


Fig. 2.



Witnesses:

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JOHN R. ACHENBACH, OF SADDLE RIVER, NEW JERSEY.

Letters Patent No. 112,524, dated March 14, 1871.

IMPROVEMENT IN REIN-HOLDERS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, JOHN R. ACHENBACH, of Saddle River, in the county of Bergen and State of New Jersey, have invented a new and useful Improvement in Rein-Holder; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which—

Figure 1 is a side view of my improved rein-holder.

Figure 2 is a front view of the same, part being broken away to show the construction.

Similar letters of reference indicate corresponding parts.

This invention has for its object to improve the construction of my improved rein-holder, patented June 7, 1870, and numbered 103,820, so as to make it more convenient in construction and more effective in use.

My improvement consists in rendering the spring adjustable in its tension to adapt it to reins of different size.

A is an arm, the lower part of which is made straight, and with two or more holes through it to receive the screws, bolts, or rivets, by which it is secured to its support.

The upper part of the arm A is curved outward and extended upward so as to leave a space between the said upper part of the said arm and the dashboard or other support to which it may be attached.

To the upper end of the arm A, which should be made slightly elastic, is securely attached, by means of bolts, screws, rivets, welding, or other convenient means, the upper end of the spring B, which is curved downward, and is made of such a length that its lower part may be between the straight lower part of the arm A and the support to which the holder is attached.

The lower part of the spring B has a slot, *b'*, formed in it, as shown in fig. 2, for the passage of the upper bolt, screw, or rivet, by which the holder is secured to its support.

This construction allows the tension of the spring B to be adjusted, as may be desired, according to the thickness of the reins to be held and the firmness with which it is desired that they should be held.

C is a bar, through which the bolts, screws, or rivets that secure the rein-holder to its support pass, as shown in fig. 1, and which may be placed upon the opposite side of said support from the holder A B, or upon the same side with it, as may be desired. The latter arrangement I prefer, in case the rein-holder be attached to a painted or leather support, to prevent the said support from being worn by the reins.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

The combination, with an arm and support, as described, of a curved spring, having the slot *b'*, to allow its tension to be graduated according to the thickness of the reins.

JOHN R. ACHENBACH.

Witnesses:

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