E. C. E. VILE.

Improvement in Rein-Holders.

No. 132,122. Patented Oct. 8, 1872.

Fig. 1.

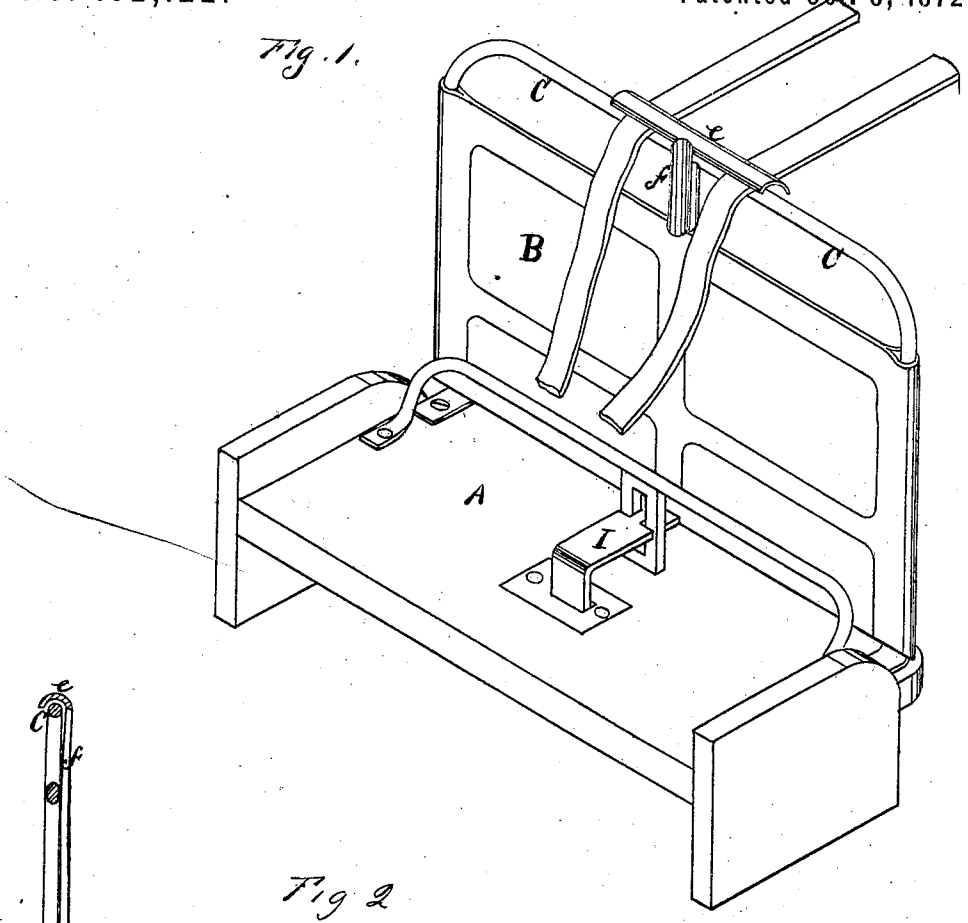
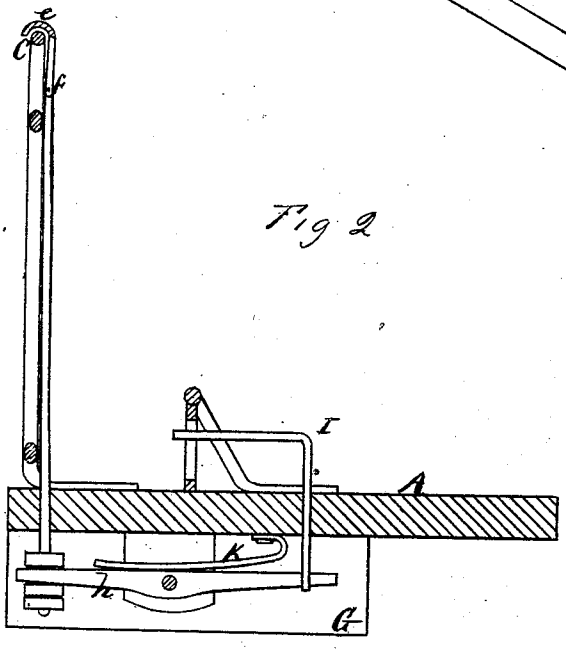


Fig 2



Witnesses

S. S. Boone

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Attys

A.M. PHOTO-LITHOGRAPHIC CO. N.Y. (OSBORNE'S PROCESS.)

UNITED STATES PATENT OFFICE.

EDWIN CHARLES EVERY VILE, OF SANTA CLARA, CALIFORNIA.

IMPROVEMENT IN REIN-HOLDERS.

Specification forming part of Letters Patent No. **132,122**, dated October 8, 1872.

To all whom it may concern:

Be it known that I, EDWIN C. E. VILE, of Santa Clara, Santa Clara county, State of California, have invented an Improved Rein-Holder; and I do hereby declare the following description and accompanying drawing are sufficient to enable any person skilled in the art or science to which it most nearly appertains to make and use my said invention or improvement without further invention or experiment.

My invention relates to a novel attachment for buggies, carriages, and like vehicles, for the purpose of holding the reins when the driver desires to leave the horse standing. It also serves to hold the reins and relieve the driver on a plain, level road.

In order to explain my invention so that others will be able to understand its construction and arrangement, reference is had to the accompanying drawing forming a part of this specification, in which—

Figure 1 is a perspective view of my invention, and Fig. 2 is a side sectional view.

Let A represent that portion of the bottom of a buggy or other vehicle which is in front of the driver's seat, and B the dash-board. C is the upper metallic wire or rod which forms a part of the frame of the dash-board and passes across above the leather. My invention consists of an inverted concave metal plate, *e*, which fits down upon the rod or wire C at its middle. A wire or rod, *f*, is secured to the middle of the inner side or edge of the inverted concave plate *e*, and passes down along the vertical rod, which forms the middle support of the dash-board, and passes beneath the floor into a box, G, beneath the buggy-bottom. The rod *f* passes down inside of the leather, and is concealed from view. A lever, *h*, is hung upon a pivot at its middle inside of the box G, upon one end of which the lower end of the rod *f* rests. A foot-lever, I, stands above the bottom of the buggy, and passes down through the floor, where it is connected to the opposite end of the lever *h*, so that by pressing down upon the foot-lever I the rod *f* and horizontal concave plate *e* are raised. A spring, *k*, serves to give a reverse tension to the lever *h* and thus hold the concave plate firmly down upon the rod C.

In order to secure the reins when it is desired to leave the horse and buggy standing still for a time, the driver has simply to press his foot upon the lever I and thus lift the concave plate. The reins can then be slipped between the rod C and concave plate, when, by removing the pressure from the lever I, the plate *e* will be drawn down by the spring so as to bind the reins between it and the rod.

This device is very neat and simple. When the reins are not beneath the plate *e* it will fit down upon the rod C so snugly that its presence would hardly be noticed, while it is completely out of the way. It is easily operated, and will hold the reins with a firm gripe, as the edges of the plate *e* will serve as a clamp to bind them firmly in place.

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

The concave plate *e*, with its rod *f*, operated by means of lever *h*, foot-lever I, and spring *k*, in combination with the rod or wire C, all constructed and arranged to operate substantially as and and for the purpose above described.

In witness whereof I hereunto set my hand and seal.

EDWIN CHARLES EVERY VILE. [L. S.]

Witnesses:

WM. B. WILSON,

J. A. WADDELL.