

J. KINDLEBERGER.

Rein-Holders.

No. 148,306.

Patented March 10, 1874.

Fig. 1.

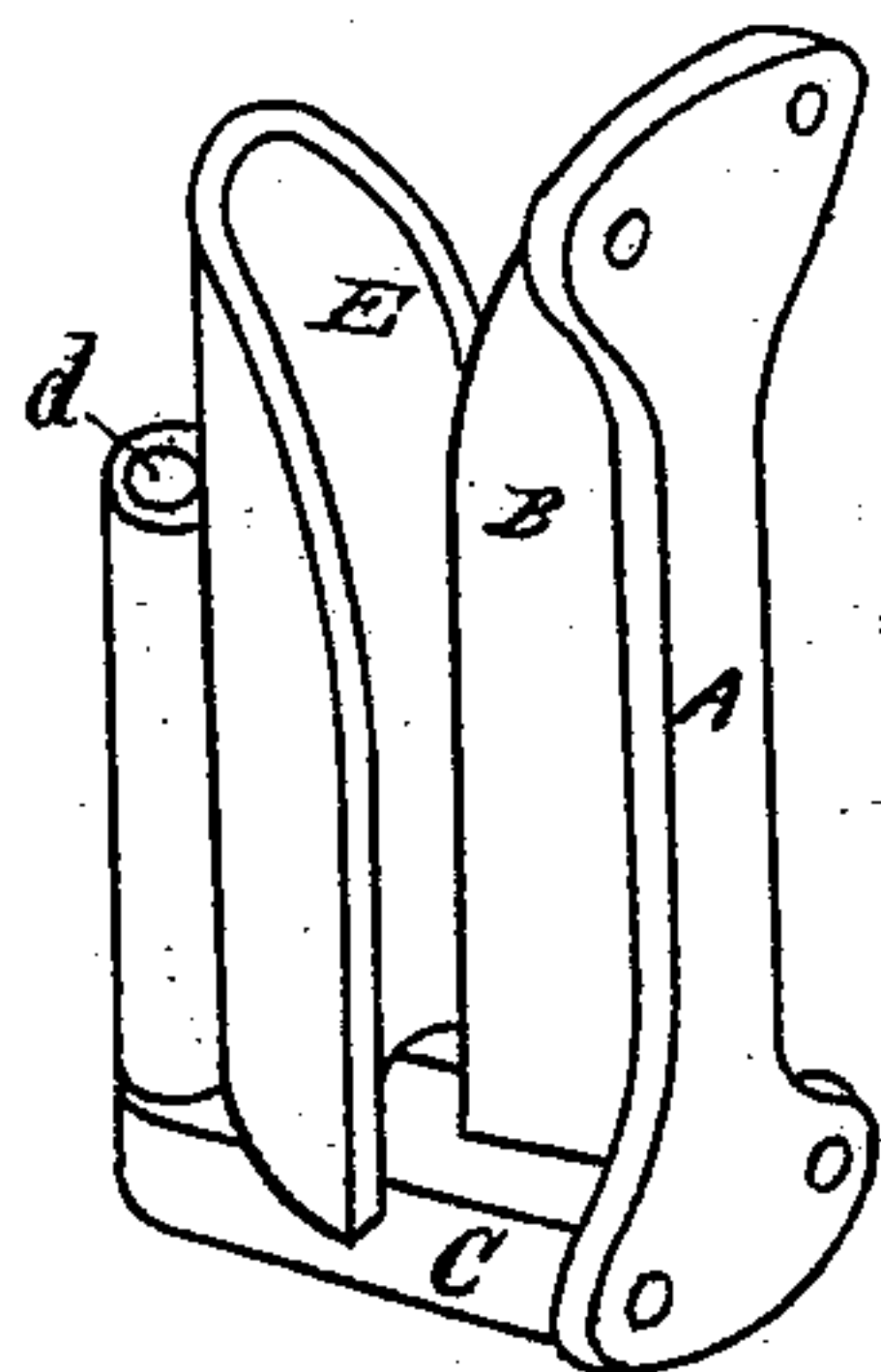


Fig. 2.

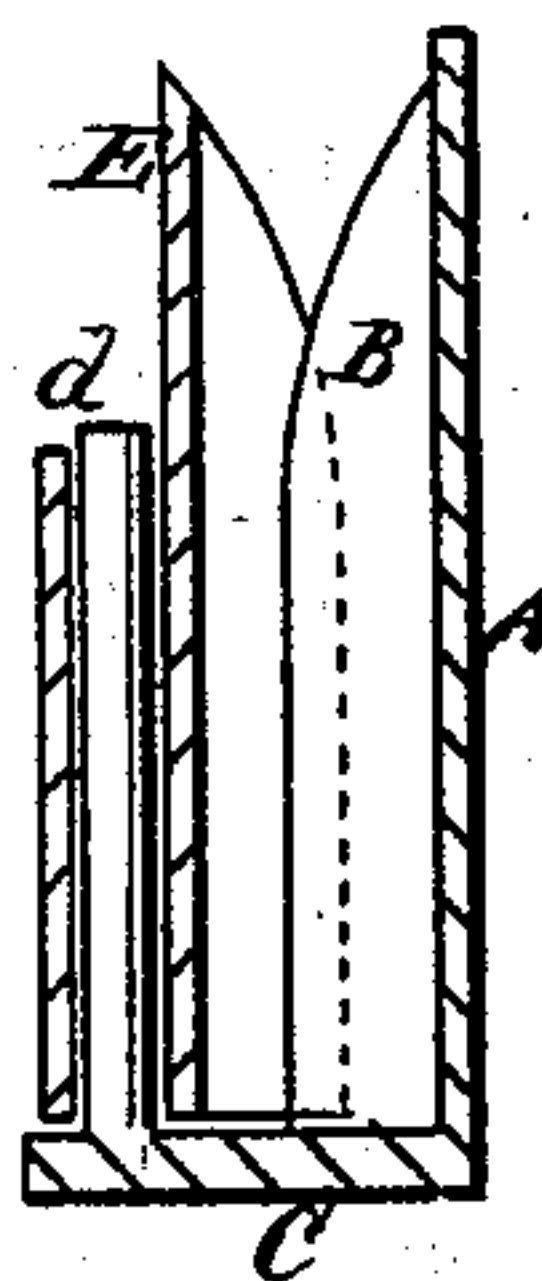
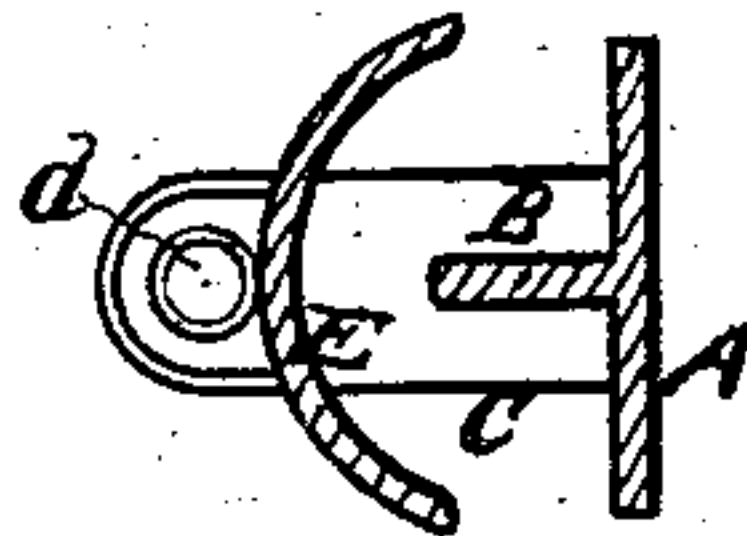


Fig. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

JEFFERSON KINDLEBERGER, OF SAN FRANCISCO, CALIFORNIA, ASSIGNOR
TO HIMSELF AND JOHN S. HITTELL.

IMPROVEMENT IN REIN-HOLDERS.

Specification forming part of Letters Patent No. **148,306**, dated March 10, 1874; application filed
January 24, 1874.

To all whom it may concern:

Be it known that I, JEFFERSON KINDLEBERGER, of San Francisco city and county, State of California, have invented an Improved Rein-Holder; and I do hereby declare the following description and accompanying drawings 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 an improved line-holder, by means of which the end of one or more reins or lines can be securely held.

Referring to the accompanying drawings for a more complete explanation of my invention, Figure 1 is a perspective view of my rein-holder. Fig. 2 is a vertical sectional view. Fig. 3 is a horizontal sectional view.

A is a casting or metal plate, which has a rib or ledge, B, extending longitudinally along its middle, at right angles to the plate. The casting has a standard, C, at one end, from the top of which a pin or shaft, *d*, extends parallel with the rib B, at a short distance above it. Upon this shaft or pin *d* I secure a concave covering-plate, E, so that it can vibrate upon the pin, and while it partially encircles the rib it can turn so as to bring either side or wing of the plate against the rib B, if necessary. The plate E is as long as the rib B, and the end which is farthest from the standard C is beveled outward, while the end of the rib B is beveled in an opposite direction, thus providing a flaring opening, through which the line or lines are inserted.

In practice, the casting or plate A will be fastened to some convenient part of a vehicle

or other body to which it may be desired to secure the line or lines. It is immaterial whether the device is placed horizontally or vertically, as it will act equally as well in either case; but for convenience in fastening or releasing the lines, I prefer to place it vertically, with the flaring mouth upward, when it is possible. When thus secured, the reins or lines to be held are forced down between the rib and concave covering-plate through the flaring opening. The rib B being high enough to cause the line or lines to be bent or crimped over it by the opposite edges of concave plate E, they will be firmly held in place, and any attempt to draw them out lengthwise would only result in tightening the gripe of the holder, as the stronger the pull upon them the closer the wing of the plate E farthest from the strain will be forced downward against the rib, and consequently upon the line.

By this simple arrangement of two parts (see Fig. 1) or pieces of metal, I provide a cheap, convenient, and effective line-holder, which will serve for holding lines of all kinds and for all purposes.

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

The plate or casting A, with its rib B, standard C, and shaft *d*, in combination with the rotating concave covering-plate E, substantially as and for the purpose above described.

In witness whereof I hereunto set my hand and seal.

JEFFERSON KINDLEBERGER. [L. S.]
Witnesses:

JNO. L. BOONE,

C. MILTON RICHARDSON.