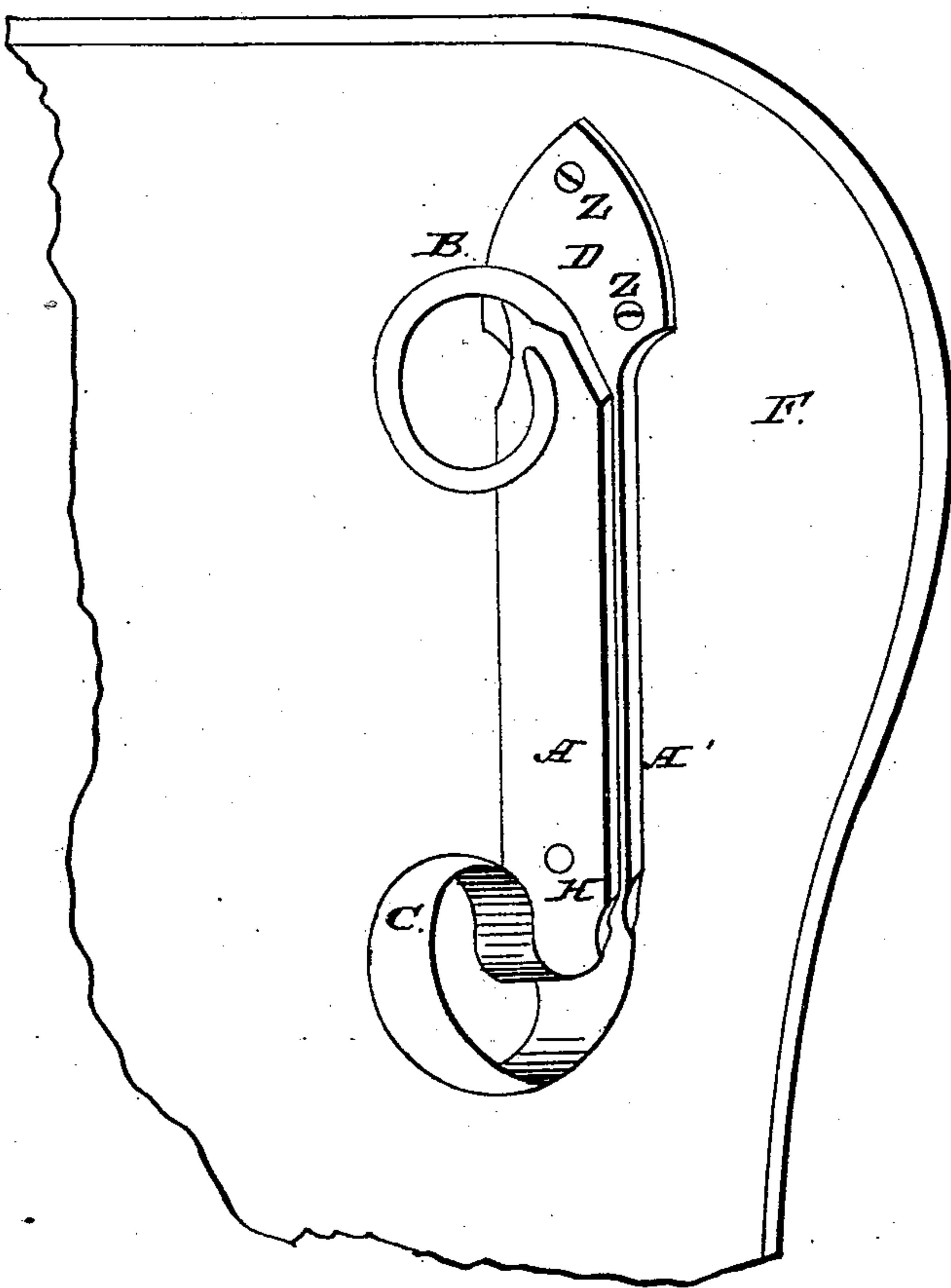


J. CHITTOCK.  
Rein. Holder.

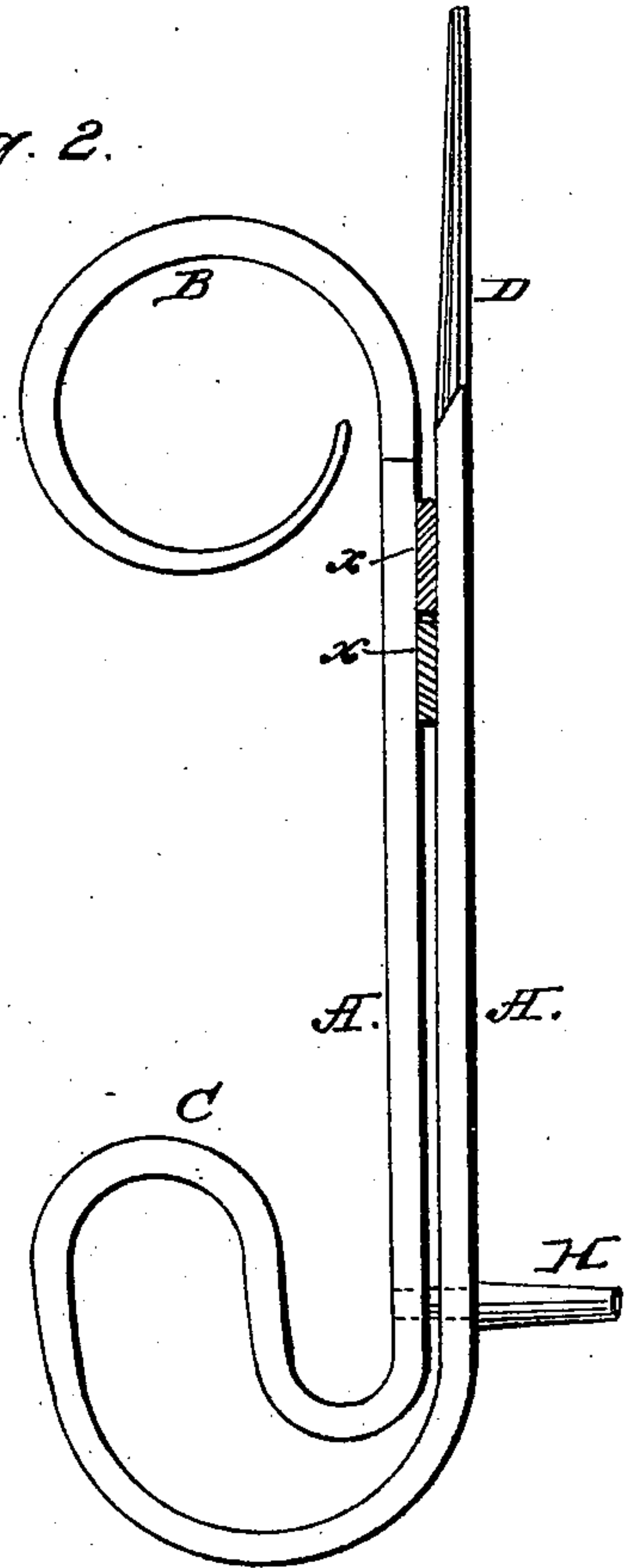
No. 84,478.

Patented Dec. 1, 1868.

*Fig. 1.*



*Fig. 2.*



*Witnesses*

*Geo. B. Chapin*  
*A. Hayward*

*Inventor*

*James Chittock*



JAMES CHITTOCK, OF CHICAGO, ILLINOIS.

*Letters Patent No. 84,478, dated December 1, 1868.*

**IMPROVEMENT IN REIN-HOLDERS.**

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

*To all whom this may concern:*

Be it known that I, JAMES CHITTOCK, of Chicago, in the county of Cook, and State of Illinois, have invented a new and useful Improvement in Clamps for Fastening Lines to Vehicles; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawings, and letters marked thereon, making a part of this specification, in which—

Figure 1 is a perspective representation of my invention, as attached to a dash-board of a wagon.

Figure 2, an elevation of the same, detached from the dash-board.

The present invention relates to an improved device for fastening the driving-lines of a harness to a dash-board or other convenient place on a vehicle; and

Its nature consists in the novel manner in which the spring-clamp is formed, the means for adjusting the lines, and for fastening the device in place.

To enable others to fully comprehend the construction and operation, I have marked corresponding parts with similar letters, and will now give a detailed description.

A A' represent the jaws of the clamp, C, the spring, and B, the hook; all of which are made of a single piece of steel.

That part of the clamp shown at A' is flattened, or drawn out at D, and holes are made through it to receive the screws Z Z, which hold the device in place.

The spring C has a novel form; as shown in both figures, its top part extending above the lower ends of the clamps A A', and so projecting outward from them as to secure for the spring suitable elasticity, and prevent the liability of breakage, and at the same time bring the clamps parallel with each other when

the lines are placed between them, as represented at X X.

In the drawing, at fig. 1, the spring C is represented as having less width than the clamps A A', and rounded over on the outer side, but this form is not particularly essential, as a flat spring will answer the purpose.

The upper end of the clamp A terminates in a hook or loop, B, which is used to open the clamp, when the lines are being put therein or removed therefrom.

The lower part of the clamp A' is held in place by a spur or pin, H, which fits into a hole made in the dash-board, or other suitable place on the vehicle, and passes through the clamp A, and prevents the lines from getting fast in the loop formed by the spring C, the pin fitting loosely in said clamp, and preventing it from being moved laterally out of place by the strain of the lines upon it, or otherwise, as the case may be.

It will be seen by this description that the pin H answers a threefold purpose; it is, therefore, considered an important feature in the improvement.

The invention, as shown and described, is found in practice to be superior to any other device which is used for a similar purpose, and it is assumed that it possesses both novelty and utility.

Having thus described my invention,

What I claim, and desire to secure by Letters Patent of the United States, is—

A clamp, for fastening lines, consisting of the parts A A', spring C, hook B, and pin H, as and for the purpose set forth.

JAMES CHITTOCK.

Witnesses:

G. L. CHAPIN,  
A. HAYWARD.