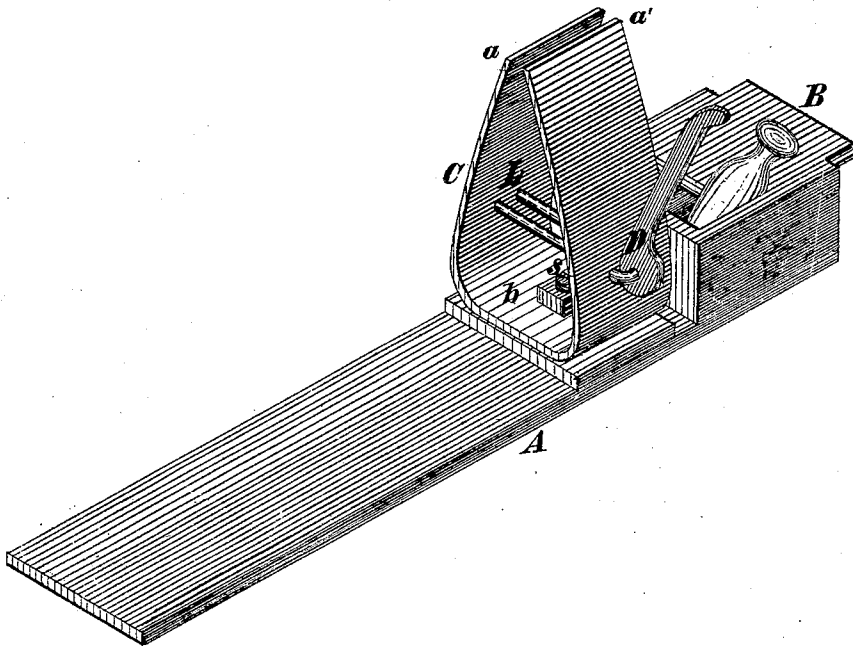


A. W. PORTER & S. A. DRAKE.

Harness-Clamp.

No. 130,942.

Patented Aug. 27, 1872.



N. B. Smith } Witnesses Albert W. Porter
W. C. Markham } S. A. Drake
Inventors
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UNITED STATES PATENT OFFICE.

ALBERT W. PORTER AND SAMUEL A. DRAKE, OF FARMER VILLAGE, N. Y.

IMPROVEMENT IN HARNESS-CLAMPS.

Specification forming part of Letters Patent No. 130,942, dated August 27, 1872.

To all whom it may concern:

Be it known that we, ALBERT W. PORTER and SAMUEL A. DRAKE, of Farmer Village, in the county of Seneca and State of New York, assignors to said ALBERT W. PORTER individually, have invented a new and Improved Harness-Clamp; and we do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawing which forms part of this specification.

The particular object of our invention is to afford a cheap and serviceable clamp, which may be made portable or stationary, and is designed especially for use among farmers and liverymen in repairing their harness upon a sudden emergency.

A is the base, on which the clamp C rests and to which it is fastened. B shows a toolbox convenient for use to the clamp. The jaws of the clamp we make in one piece of strap iron, steel, or other suitable material, and bend the same in shape, so that the bottom *b* will rest flat upon the base A with a proper taper, and bend to the jaws *a* and *a'*, so that they will come together in the ordinary way. The clamp is fastened to the base by

the bolt and screw *s*, or in any other ordinary manner. The jaws should be so bent as to leave the desired opening between the lips—say, one inch, more or less.

For operating the clamp we apply the link L and eccentric cam-lever D with the cam-power so arranged as to firmly bring the lips of the jaws *a* and *a'* together. When used the lever-handle should in every instance be brought down the full distance, so as to be out of the way of the thread in sewing. In this way the spring of the jaws will increase the pinch upon the article inserted in proportion to its size and the width of the opening.

What we claim as our invention, and desire to secure by Letters Patent, is—

A harness-clamp, consisting of the clamp-strap C, made in form and adjusted as described, combined with the link L and cam-lever D, substantially in the manner above set forth.

A. W. PORTER.
S. A. DRAKE.

Witnesses present:

JAMES C. KNIGHT,
O. G. WHEELER.