(No Model.)

J. A. STEWART

HARNESS TOOL.

No. 260,799. Patented July 11, 1882.

Fig. 1.

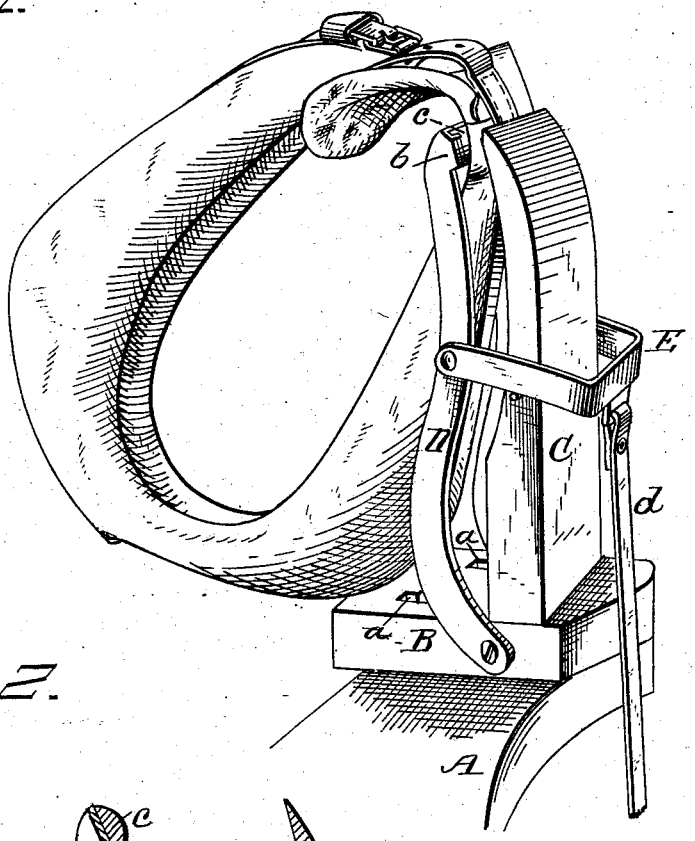
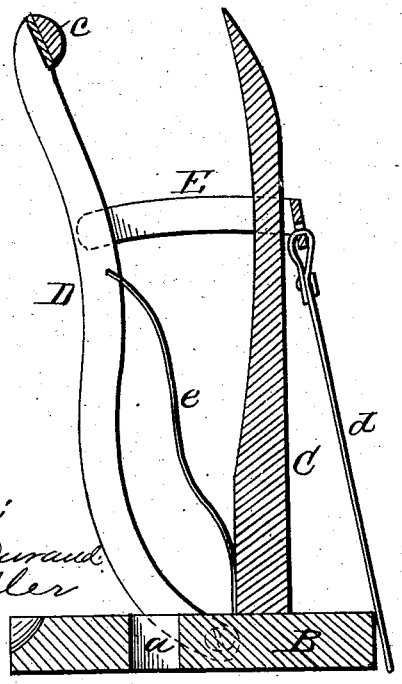


Fig. 2.



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UNITED STATES PATENT OFFICE.

JOHN A. STEWART, OF HOPKINS, MISSOURI.

HARNESS-TOOL.

SPECIFICATION forming part of Letters Patent No. 260,799, dated July 11, 1882.

Application filed May 16, 1882. (No model.)

To all whom it may concern:

Be it known that I, JOHN A. STEWART, a citizen of the United States, residing at Hopkins, in the county of Nodaway and State of Missouri, have invented certain new and useful Improvements in Harness-Tools; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a perspective view of my invention, showing a horse-collar held in position between the jaws; and Fig. 2 is a vertical section thereof.

The present invention has relation to certain new and useful improvements in that class of harness-tools known to the trade as "saddler's horse," consisting of one stationary and one movable or pivoted jaw secured to a standard or support. Previous to my invention both these jaws were usually formed of a solid piece of wood, bent or otherwise formed of the required shape.

It is the object of the invention to have one of the jaws in the form of a skeleton frame, or, in other words, an open jaw, thereby adapting the tool to a greater variety of work, and, especially when sewing or stitching horse-collars, to enable the collar to be placed between the jaws through the open or skeleton frame; also, to adapt the tool for use by carriage-trimmers and shoemakers as well as saddlers and harness-makers, thereby enabling a greater amount and variety of work to be done with more ease and rapidity. These objects I attain by the construction substantially as shown in the drawings and hereinafter described.

In the accompanying drawings, A represents a suitable standard, of the form and construction usually employed in saddler's horses, only a portion of it being shown, sufficient to illustrate my invention.

To the standard A is adjustably secured the plate or base B, which may be of wood, metal, or other suitable material with elongated openings *a*, through which pass bolts or screws for fastening the plate or base to the standard, thereby enabling the plate or base to turn either to the right or left to bring the tool in a convenient position for use.

To the base or plate B is mortised or otherwise suitably fastened the stationary jaw C, preferably of wood, and of the usual form.

As I do not desire to confine myself to the material from which the plate or base B and the jaw C are made, or the manner of securing them together. It is preferable, when the plate or base is of metal, to have it much thinner than when composed of wood and cast with overhanging lips, lugs, or shoulders, between which the jaw is adapted to fit and be securely held stationary.

To the plate or base B is pivoted, hinged, or otherwise suitably connected the metal jaw D, in the form of a skeleton or open frame, so that a horse-collar or other article may be inserted through it to bring it in position between the jaws, as shown in Fig. 1, thereby bringing it in a more convenient position to be handled.

The upper inner end of the open jaw D is cast with side plates, *b*, or otherwise suitably constructed to receive and hold the wood facing *c*, so as to prevent the dulling or breaking of the workman's awl. The wood facing may be made to slide in place, so that it can be readily removed, when desired, for replacing it by substituting a new piece when the old one has become worn.

The jaw D has pivoted to it a stirrup, E, which passes around the jaw C, and has connected to it one end of a strap, *d*, the other end being secured to a foot treadle or lever, the jaw being operated by the means usually employed in this class of harness-tools, a spring, *e*, forcing the jaw outward when pressure upon the strap *d* is released.

Having now fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a harness-tool, the combination, with a stationary jaw secured to a suitable plate or base, of an open or skeleton framed movable jaw adapted to receive and hold the work, substantially as shown and described.

2. The plate or base B, adjustably connected to the standard A, and having the stationary jaw C, in combination with the movable open-framed jaw D, substantially as and for the purpose specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

JOHN A. STEWART.

Witnesses:

AL. S. BENDER,

JOHN S. ALLDRIDGE.