

(No Model.)

F. C. KIMBALL.
HARNESS PAD FASTENING.

No. 426,594.

Patented Apr. 29, 1890.

Fig. 1.

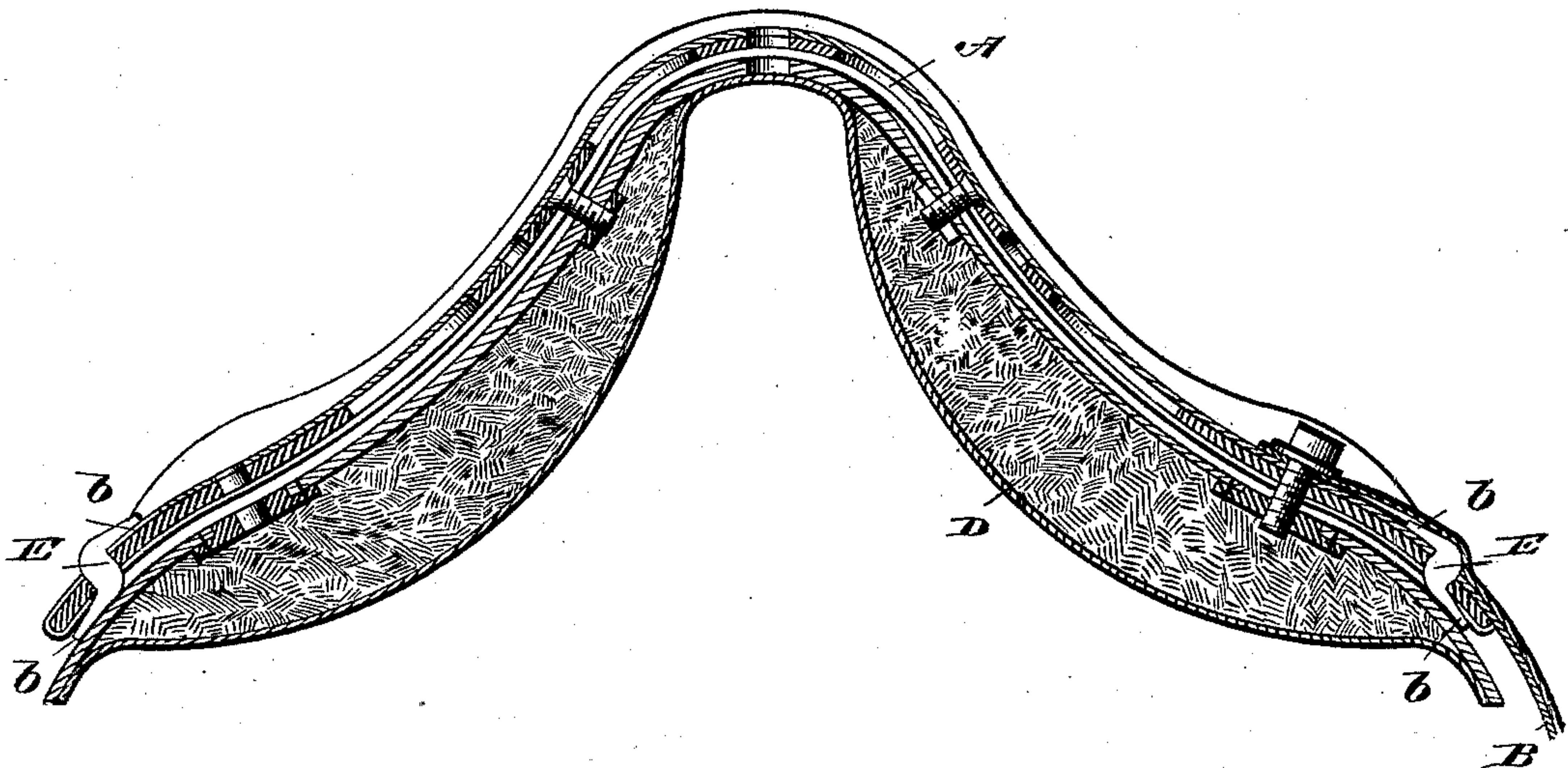
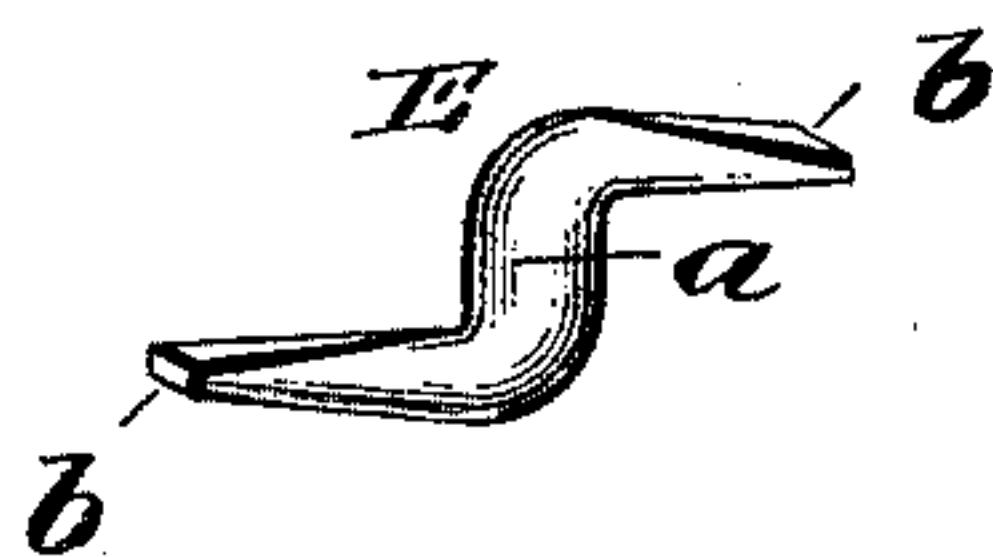


Fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

FREDDIE C. KIMBALL, OF JACKSON, MICHIGAN.

HARNESS-PAD FASTENING.

SPECIFICATION forming part of Letters Patent No. 426,594, dated April 29, 1890.

Application filed August 1, 1889. Serial No. 319,429. (No model.)

To all whom it may concern:

Be it known that I, FREDDIE C. KIMBALL, a citizen of the United States, residing at Jackson, in the county of Jackson and State of Michigan, have invented certain new and useful Improvements in Girth-Fastenings for Harness-Pads; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to a skirt-fastening for harness-pads; and it has for its object to provide a detachable fastening device capable of being readily attached to the saddle-tree to secure the skirt at any stage in the manufacture prior to the stitching of the lay, and, if necessary, may be placed in position after the lay has been applied. This object is accomplished at a minimum expense by the device shown in the annexed drawings, in which—

Figure 1 is a longitudinal sectional view of a harness-saddle, showing my improved fastener in position at opposite ends thereof; and Fig. 2 is a perspective view of the fastening device removed.

Referring by letter to the said drawings, A indicates a saddle-tree, which may be of any ordinary or approved construction, and B the skirt, which may be also of the form usually employed, and secured to the tree, together with the pad D, in the ordinary manner, such as by screws and nuts or other suitable means.

E indicates my improved fastening device, which is of a form substantially as shown in Fig. 2 of the drawings, having its trunk or main body portion *a* adapted to snugly fit within the eye or perforation in the tree, as shown, and its ends turned in opposite directions, as at *b*.

These fasteners may be made from stout

copper wire bent so as to present the body portion in a position relatively at right angles to the oppositely-directed branches and at a sufficient distance from each other to pass on opposite sides of the tree or plate.

It is obvious that these fastening devices may be cast or struck out from any suitable material, and in some cases it is desirable to have the oppositely-directed ends tapered or flattened, so that they may occupy less space when applied to the skirt.

While I have described specifically the manner and material of which I preferably form my fastening devices, yet I do not wish to be confined to any particular form or manner of manufacture.

Having described my invention, what I claim is—

1. The combination, with a harness-saddle, of the saddle tree and skirt and the detachable fastening device E, comprising a double hook with its branches bent in opposite directions and entering an eye in the tree and an eye in the skirt, respectively, as set forth.

2. As an improved article of manufacture, a detachable fastening for harness-pads, composed of stout wire having its opposite ends tapered and bent in opposite directions and relatively at right angles to the body portion, substantially as specified.

3. A detachable fastening for harness-pads formed from a single piece of metal, and having its ends turned in opposite directions and relatively at right angles to the body portion, substantially as specified.

In testimony whereof I affix my signature in presence of two witnesses.

FREDDIE C. KIMBALL.

Witnesses:

HORACE HUNT,
EDDY H. HOVEY.