

C. Drew,

Harness Pad.

No. 96,563.

Patented Nov. 9. 1869.

Fig. 1.

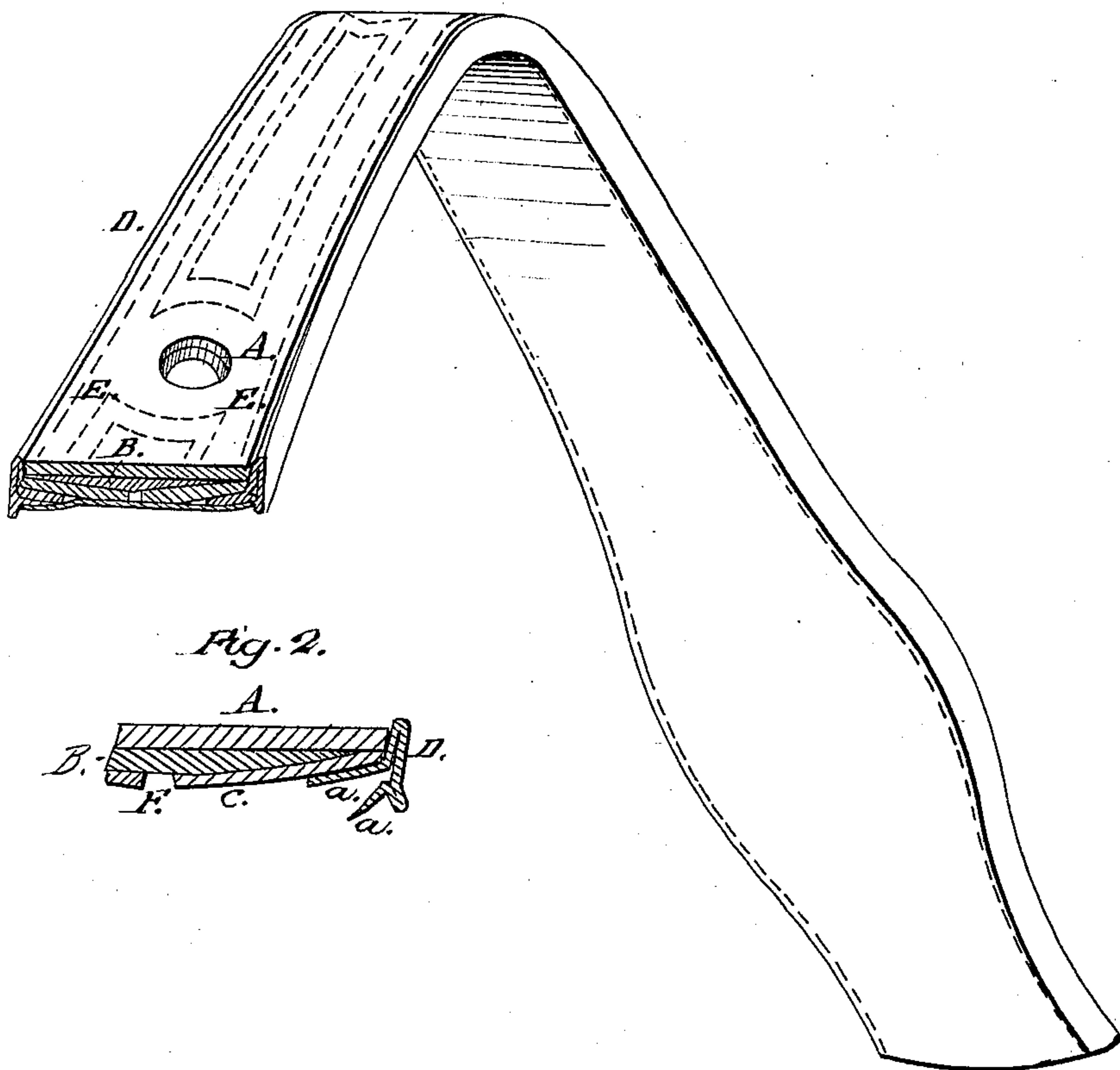
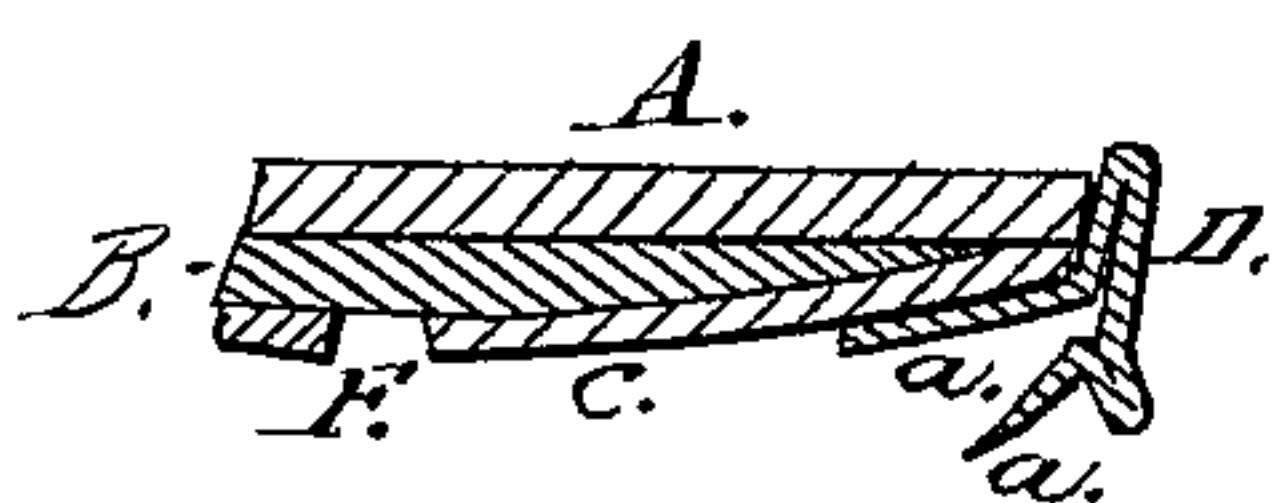


Fig. 2.



Witnesses:

Finchman
John Brooks

Inventor:

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per
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United States Patent Office.

CHARLES DREW, OF NEWARK, NEW JERSEY.

Letters Patent No. 96,563, dated November 9, 1869.

IMPROVED HARNESS-PAD.

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

To all whom it may concern:

Be it known that I, CHARLES DREW, of Newark, in the county of Essex, and State of New Jersey, have invented a new and useful Improvement in Back-Straps for Harness; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to improvements in the construction of back-straps of harness for horses, and other animals, and has for its object to provide an improved manner of attaching the binding for the same.

The invention consists in a mode of securing the binding upon the said straps, by sewing with a machine instead of securing it by tacks, driven upon and riveted to the metal yoke, which forms the base of the strap.

Figure 1 represents a perspective view of a back-strap, constructed according to my improved plan; and

Figure 2 represents a section of the same.

Similar letters of reference indicate corresponding parts.

A represents the outer part of the back-strap;

B, the metal plate, employed as a base for the strap;

C, the lining; and

D, the binding for the edge. This binding, when formed as represented in cross-section in the drawings, has been heretofore secured to the lining C by tacks,

driven through from the under side against the metal plate B, by which they were riveted.

This method of securing the binding is rough, and the tacks cut and tear the lining. It is also slow and expensive, as the tacks must be driven by hand.

I propose, previous to inserting the metal plates B under the lining C, to place the edges *a* of the binding on the lining, in the proper place, near the edge, and secure them temporarily, by pasting. I then permanently secure them, by stitching with a sewing-machine, as represented on the lines E; and this I do simultaneously, and by the same operation of the usual stitching at the edge for ornament, and for securing the lining C to the part A, thus saving materially in the cost, and making a much neater job. The plate B is afterward inserted through the slit F in the lining, which is sewed up.

Having thus described my invention,

I claim as new, and desire to secure by Letters Patent—

Uniting the binding D to the lining C, by stitching it simultaneously with the stitching of the lining to the top, and by the same operation, substantially as specified.

The above specification of my invention signed by me, this 18th day of May, 1869.

CHAS. DREW.

Witnesses:

FRANK BLOCKLEY,
C. L. TOPLIFF.