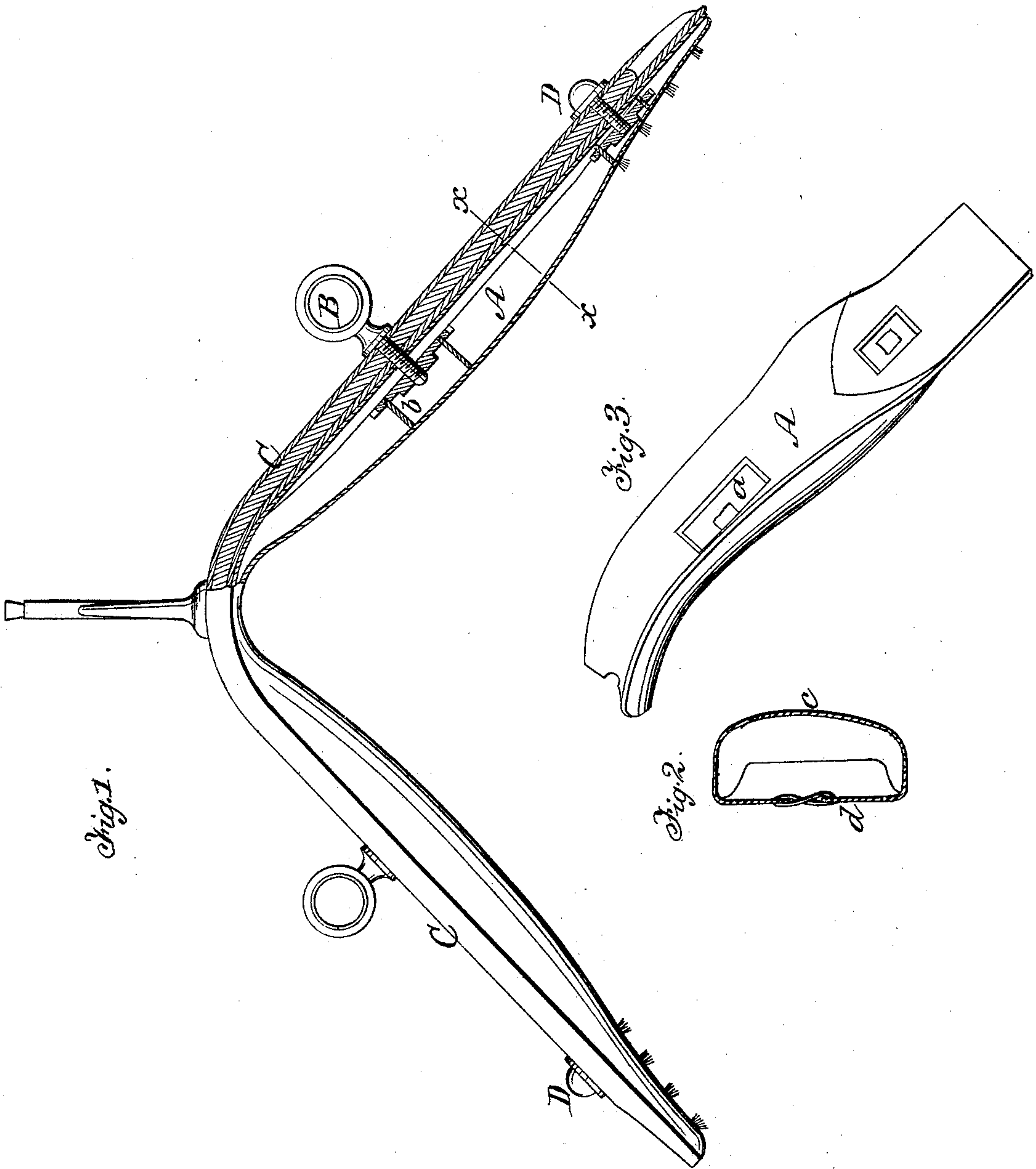


*C. Drew.*

*Harness Pad.*

*Nº 86,376.*

*Patented Feb 2, 1869.*



*Fig. 1.*

*Fig. 3.*

*Fig. 2.*

WITNESSES.

*J. Becker.*  
*Wm A Morgan.*

INVENTOR  
*C DREW*

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# UNITED STATES PATENT OFFICE.

CHARLES DREW, OF NEWARK, NEW JERSEY.

## IMPROVED HARNESS-PAD.

Specification forming part of Letters Patent No. **86,376**, dated February 2, 1869.

### *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 Improved Harness-Pad; 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, in which—

Figure 1 is a front view of my improved pad, one part of the same being broken away to exhibit the construction of the same. Fig. 2 is a cross-section at *x x*, Fig. 1. Fig. 3 is a detail perspective view of one of the broken pads.

Similar letters of reference indicate like parts.

The object of this invention is to provide a harness-pad which combines several advantageous qualities, to wit: It is easily and quickly made; is least liable to gall or chafe the animal's back; and can be cheaply and easily renovated, and made as good as new by replacing the leather covering, when the same has become much worn; and will not get hard, but always retain its elastic quality, thereby requiring no special care or attention, or manipulation to soften it after a period of disuse; and the invention consists in the peculiar construction of the pad, as will be hereinafter more fully described.

In the drawings, A is one of the rubber fillings or pads, having an indenture or recess, *a*,

to receive the nut-plate *b*, which is stitched or otherwise affixed within the said recess *a*.

The screw-shanks of the rein-rings *b* serve to hold the rubber pad to the plate C.

D are auxiliary screws, fitting into nut-plates lower down on the pad.

The rubber pad is covered with leather, as shown at Fig. 2.

The upper face of the rubber pad is hollowed or concaved, as shown in Figs. 2 and 3, so that it will be more firmly seated against the pad-plate when drawn against the same by the screws, and also to stretch the leather covering *c d* of the rubber more tightly, which stretching will result from the pressing in of the part *d* of the said covering when the pad and plate are drawn together.

The pad-plate is covered with leather in any suitable manner.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The rubber pad A, constructed, as described, with the hollow back, and adapted to receive the plate C, in such a manner that the leather covering *c d* is depressed under the plate and stretched tightly over the bearing-surface of the pad, as herein shown and described.

The above specification of my invention signed by me this 31st day of August, 1868.

CH. DREW.

Witnesses:

FRANK BLOCKLEY,  
ALEX. F. ROBERTS.