

R. E. Miles.

Harness Breast Collar.

N^o 86,995.

Patented Feb. 16, 1869.

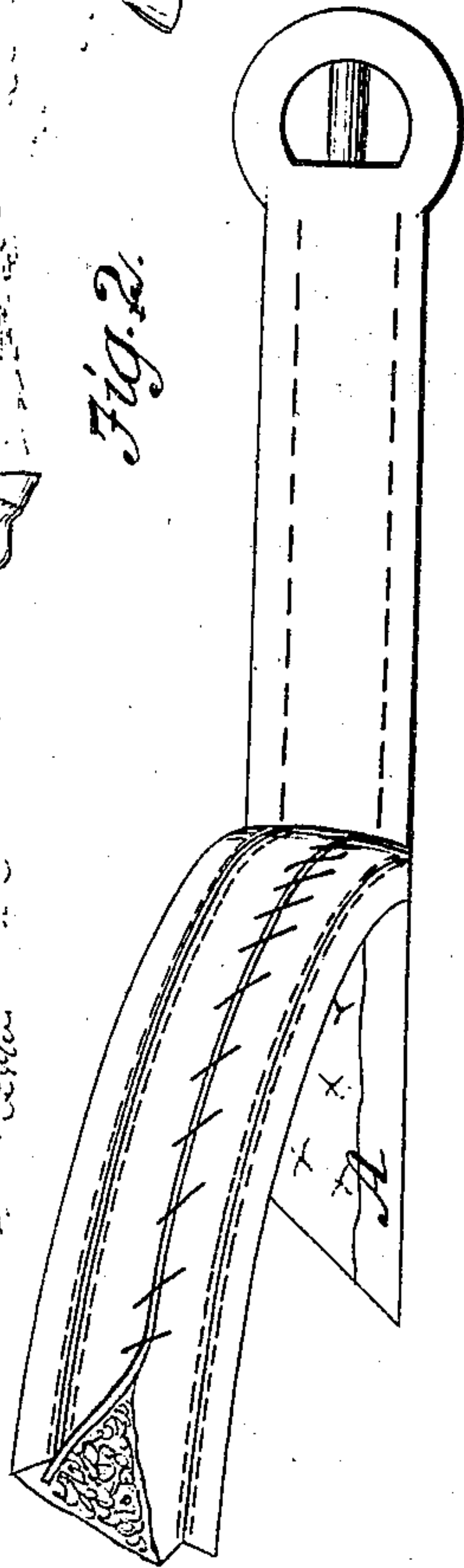
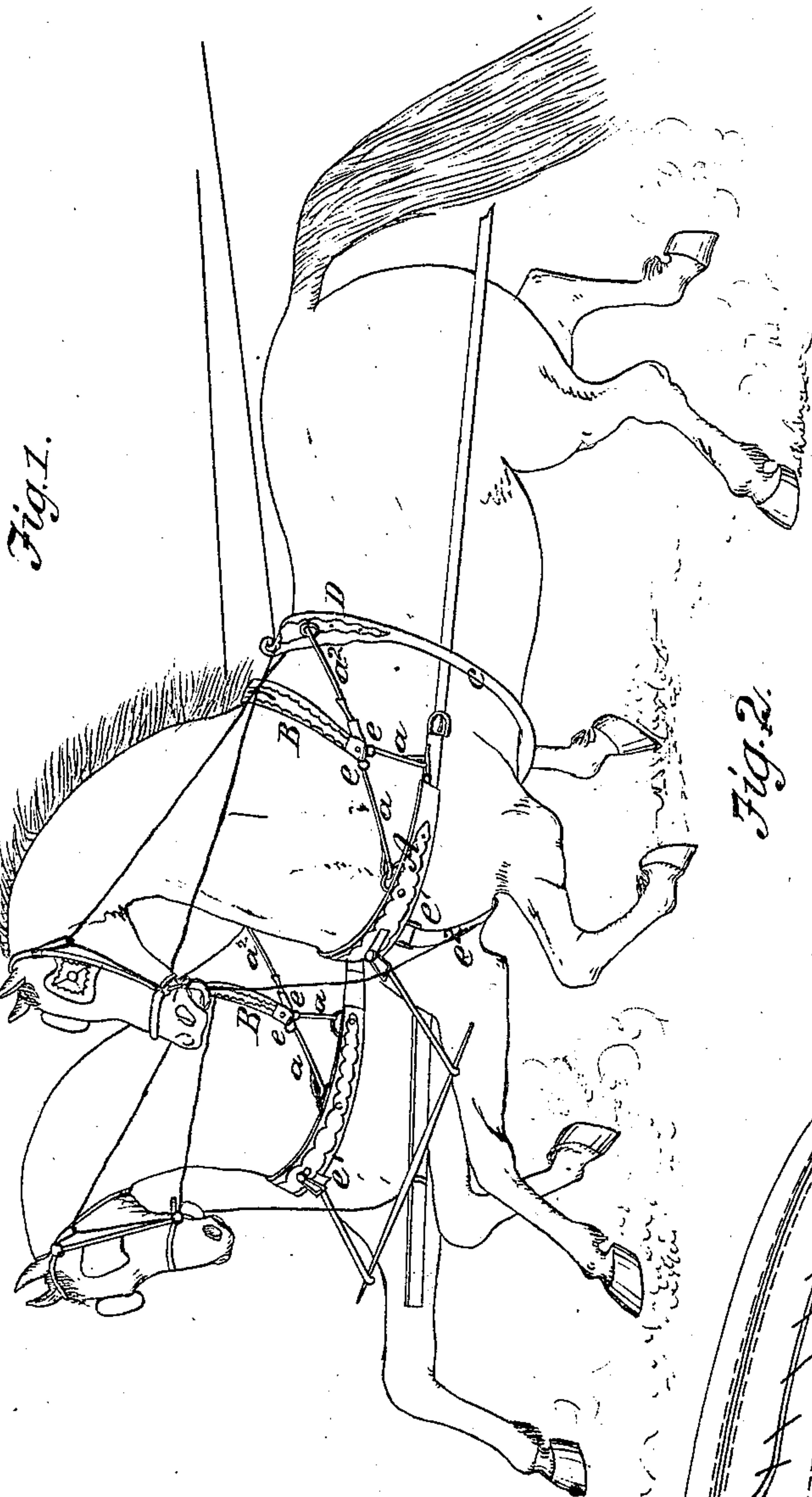
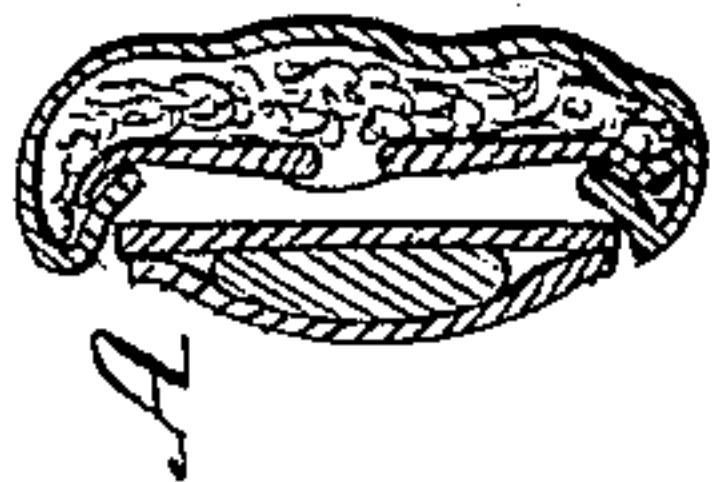


Fig. 3.



Witnesses
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United States Patent Office.

R. E. MILES, OF LOUISVILLE, KENTUCKY.

Letters Patent No. 86,995, dated February 16, 1869.

IMPROVED PAD FOR BREAST-COLLARS.

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, R. E. MILES, of Louisville, in the county of Jefferson, and State of Kentucky, have invented a new and improved Breast-Collar; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those 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 a new and improved method of constructing the padding of breast-collars for harnesses, and in the manner of attaching the same to the plate, whereby the same are rendered more pliable and easy to the horse, and in so arranging the straps, in connection with the harness and the collar, that the same is kept more securely in place when the horses are backing, and the weight of the pole is more equally divided between the neck and back of the horse.

It consists in the manner of making and attaching the padding to the collar.

In the accompanying plate of drawings—

Figure 1 represents a double team of horses, with my invention in position thereon.

Figure 2 is a rear view of my invention, parts of the padding being shown as ripped up, to show the construction.

Figure 3 represents a cross-section of the same.

Similar letters of reference indicate corresponding parts.

A is the breast-collar.

a are the breast-rounds.

*a*¹ are loops in the plate of the collar A, to which the breast-rounds *a* are attached by one end.

e are rings, to which the breast-rounds *a* are attached by the other end.

B is the neck-strap.

*e*¹ is the martingale-loop.

*e*² is the martingale.

C is the belly-band.

D is the saddle.

*a*² are the rounds, which are secured by one end to the rings *e*, and by the other end to the terrets in the saddle D.

The present invention is, in part, an improvement upon the subject-matter of Letters Patent of the United States of America, granted to me on the 10th of September, A. D. 1867.

The top part or body of the collar A is made of a single thickness, or of double thicknesses of leather, on

which the iron plate of the collar A rests, and is secured to the same by the lay, and also by screws.

The bottom or pad part of the collar A is to be of sufficient width to form the facing, as also to allow of padding, the lining to be about as much wider than the top of the collar as the width of the welt, the lining and bottom of the pad to be laid facing each other, with the welt on the top of the bottom of the pad, and in this manner are stitched up both sides, when, by cutting the lining through the centre, the pad can be turned, which throws the sides of the bottom of the pad up, so as to form the facing, as shown in the drawing, fig. 3.

After turning the pad, the lining is then stitched together, as shown at fig. 2, and the stuffing, of curled hair, or other material having like qualities, can be put in to any desired thickness.

The bottom is then quilted in the ordinary way, when the pad is stitched to the collar A, which is done by a slanting stitch through the top of the collar A, and a running stitch through the lining, or through the bottom, and drawing the whole up to the top of the collar A.

The operation is readily seen from the drawing and the above description.

The breast-collar A is held in position by the breast-rounds *a*, attached by one end to loops, in the iron plate of the collar, and by the other end to the rings *e*, attached to the neck-strap B, as shown, the rounds *a*² passing from the rings *e* to the terrets in the saddle D, as shown, and by the martingale *e*² passing from an eye, *e*, between the fore legs of the horse, to the belly-band C, secured to said eye *e* and belly-band C in any convenient way, whereby the said breast-collar A is firmly held against the breast of the horse while backing, and the weight of the pole is divided between the neck and back of the horse.

Constructed as above described, it constitutes a soft and pliable pad, firmly secured to the collar, and a convenient method of securing the collar to the horse.

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

The herein-described pads for breast-collars of harnesses, when made and applied in the manner herein set forth and shown, for the purpose specified.

R. E. MILES.

Witnesses:

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