

C. B. RICH.
Horse-Collars.

No. 153,847.

Patented Aug. 4, 1874.

Fig. 1.

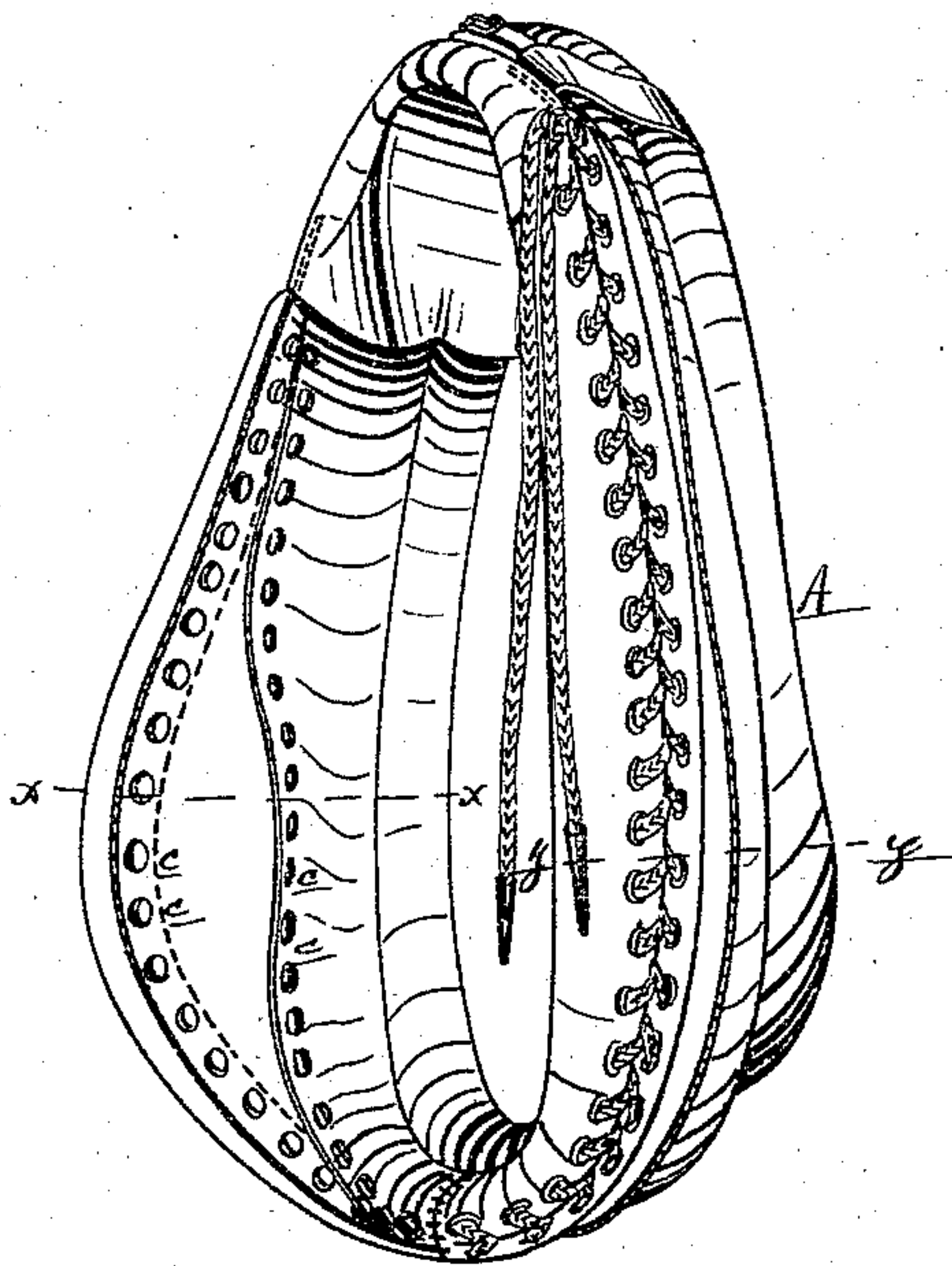
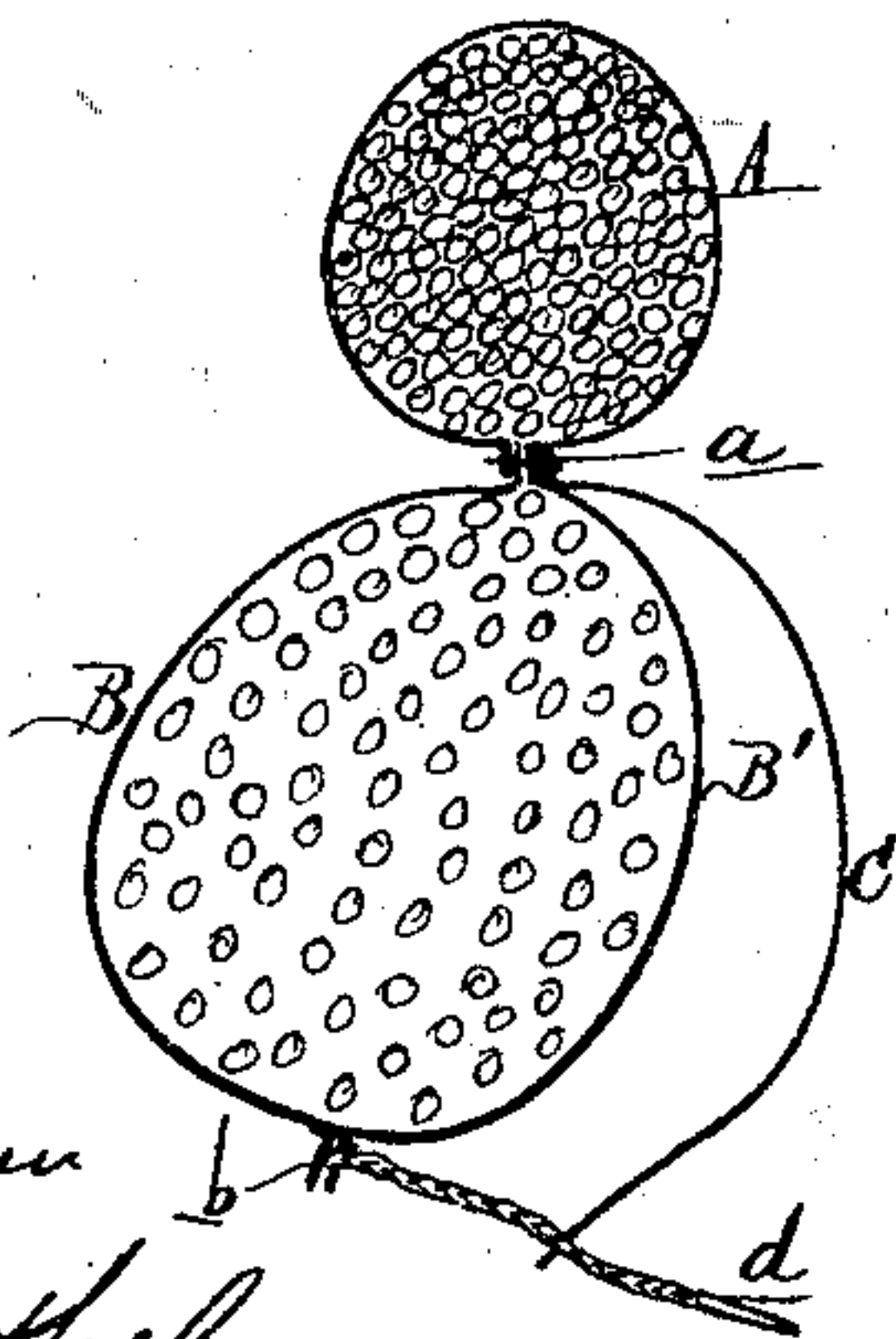
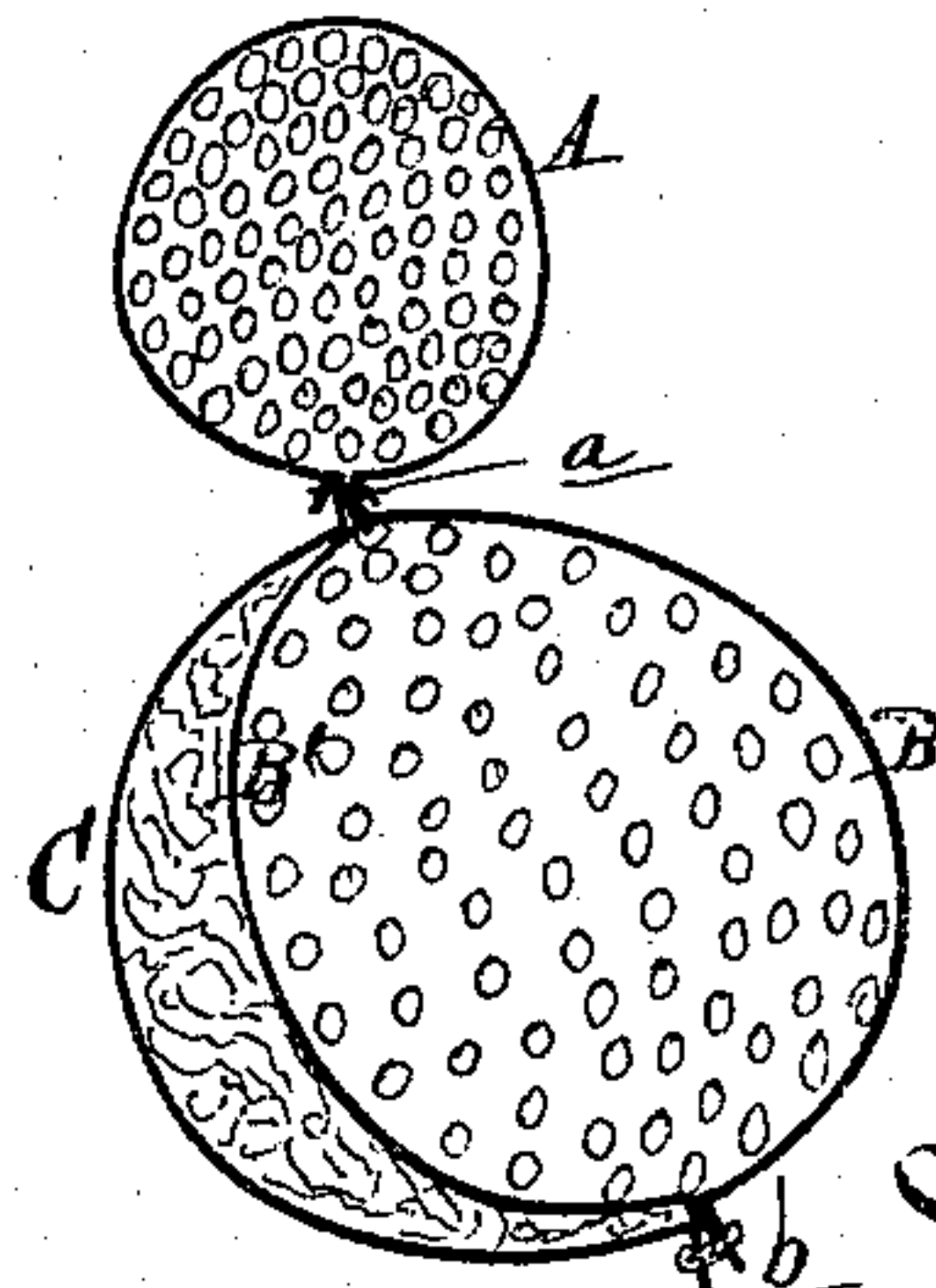


Fig. 2.



Attest:
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Fig. 3.



Inventor:
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UNITED STATES PATENT OFFICE.

CHARLES B. RICH, OF OVID, MICHIGAN, ASSIGNOR OF ONE-THIRD HIS RIGHT
TO HORATIO N. HATCH, OF NEW YORK, N. Y.

IMPROVEMENT IN HORSE-COLLARS.

Specification forming part of Letters Patent No. **153,847**, dated August 4, 1874; application filed
May 22, 1874.

To all whom it may concern:

Be it known that I, CHARLES B. RICH, of Ovid, in the county of Clinton and State of Michigan, have invented an Improved Horse-Collar, of which the following is a specification:

The first part of my invention relates to an improved style of collar, wherein the back seam is made without a welt, reducing the cost of the collar in labor, and enabling the collar-maker to stitch up the back seam with a sewing-machine, if he desires. The second part of my invention relates to the combination, with the inside facing of the collar, of a stationary sweat-pad leather, which can be laced to the edge of the inside lining, after a layer of horse-hair or other suitable material has been placed between them, which can be renewed at any time.

Figure 1 is a perspective view. Fig. 2 is a cross-section at *x x*. Fig. 3 is a cross-section at *y y*.

In the drawing, A represents a rim of the collar, between whose edges are inserted the front edges of the outer facing B, the inner facing B', and a pad-leather, C, all of which are stitched together at the seam *a*. The facings B B' are stitched together with a seam, *b*, near their back edges, without a welt. The edge of the facing B' and that of the leather C are perforated with eyelets *c*, so that they can be laced together by a

cord, *d*. The rim and collar proper are stuffed with straw, as usual; but before lacing up I insert a layer of horse-hair or other soft and elastic material between the inside lining and the pad-leather C, which can be so disposed as to fit the collar to any irregularities in the horse's neck, as well as to adapt to thick or thin necks.

When the padding has become matted down hard it can be taken out, picked over, and put back, or be replaced with fresh material, if required, without employing the saddler's assistance.

If a collar-boil comes on a horse's neck or shoulder, the pad-leather can be unlaced, and enough of the stuffing under that place removed to relieve the boil from pressure, and thus allow it to heal.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The facings B B' and pad-leather C stitched in the fold of the rim A, and the facings B B' stitched together with a plain seam, *b*, as shown and set forth.

2. The pad-leather C, provided with eyelets *c* for lacing it to the facing B', substantially as and for the purpose set forth.

CHARLES B. RICH.

Witnesses:

H. F. EBERTS,
H. S. SPRAGUE.