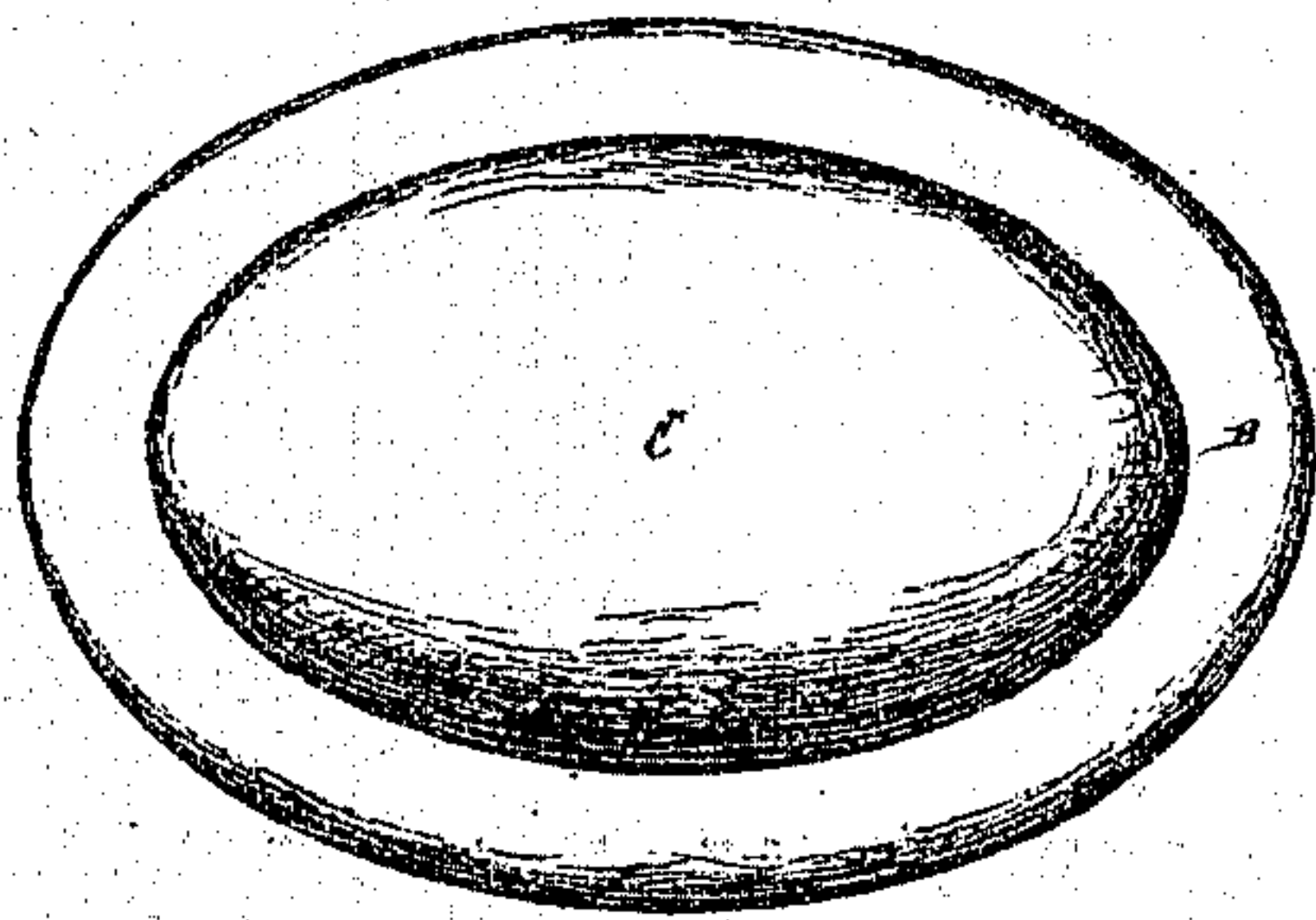


[107.] *Joseph B Marsh Improv Truss Pads.*

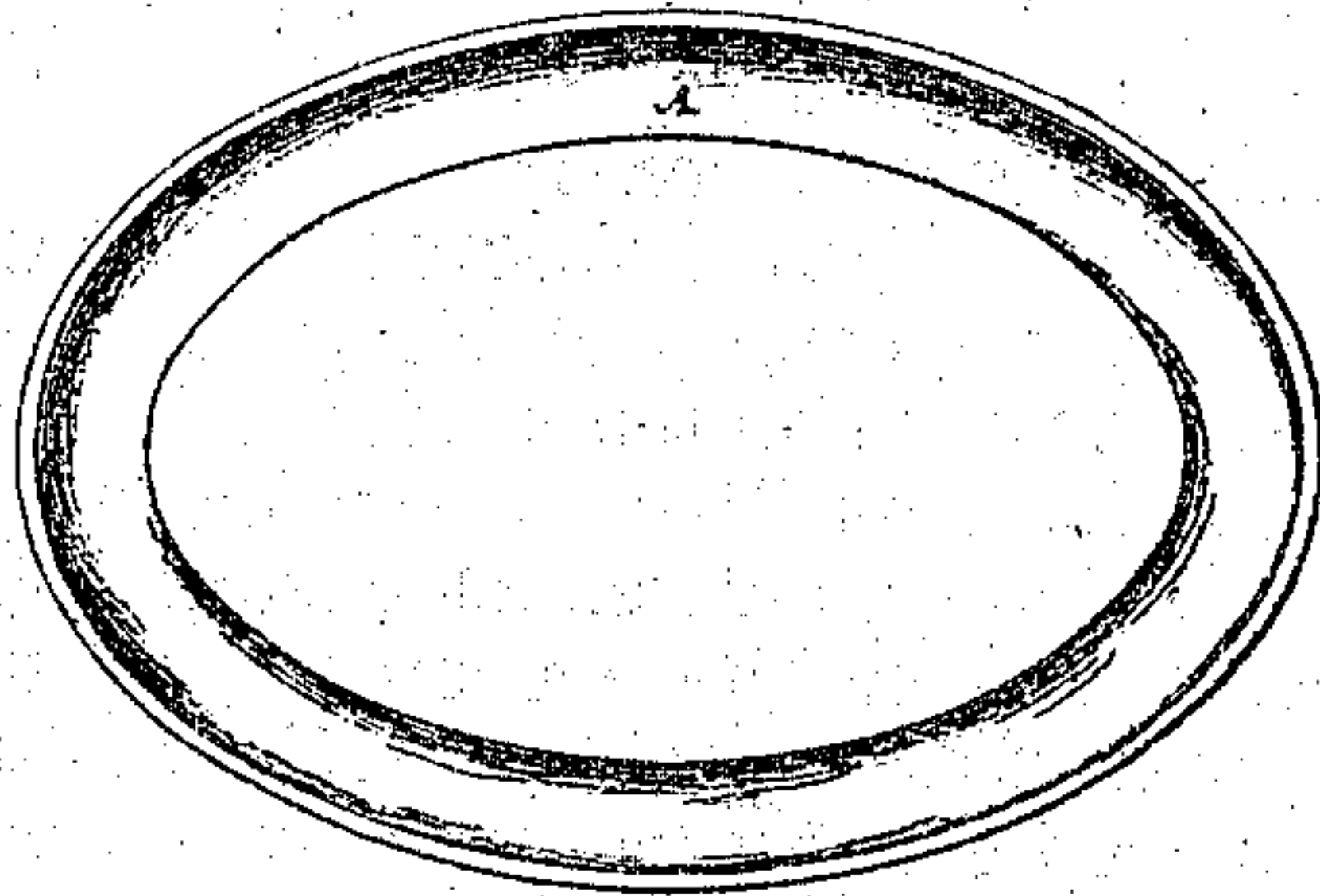
No. 119,379.

Patented Sep. 26, 1871.

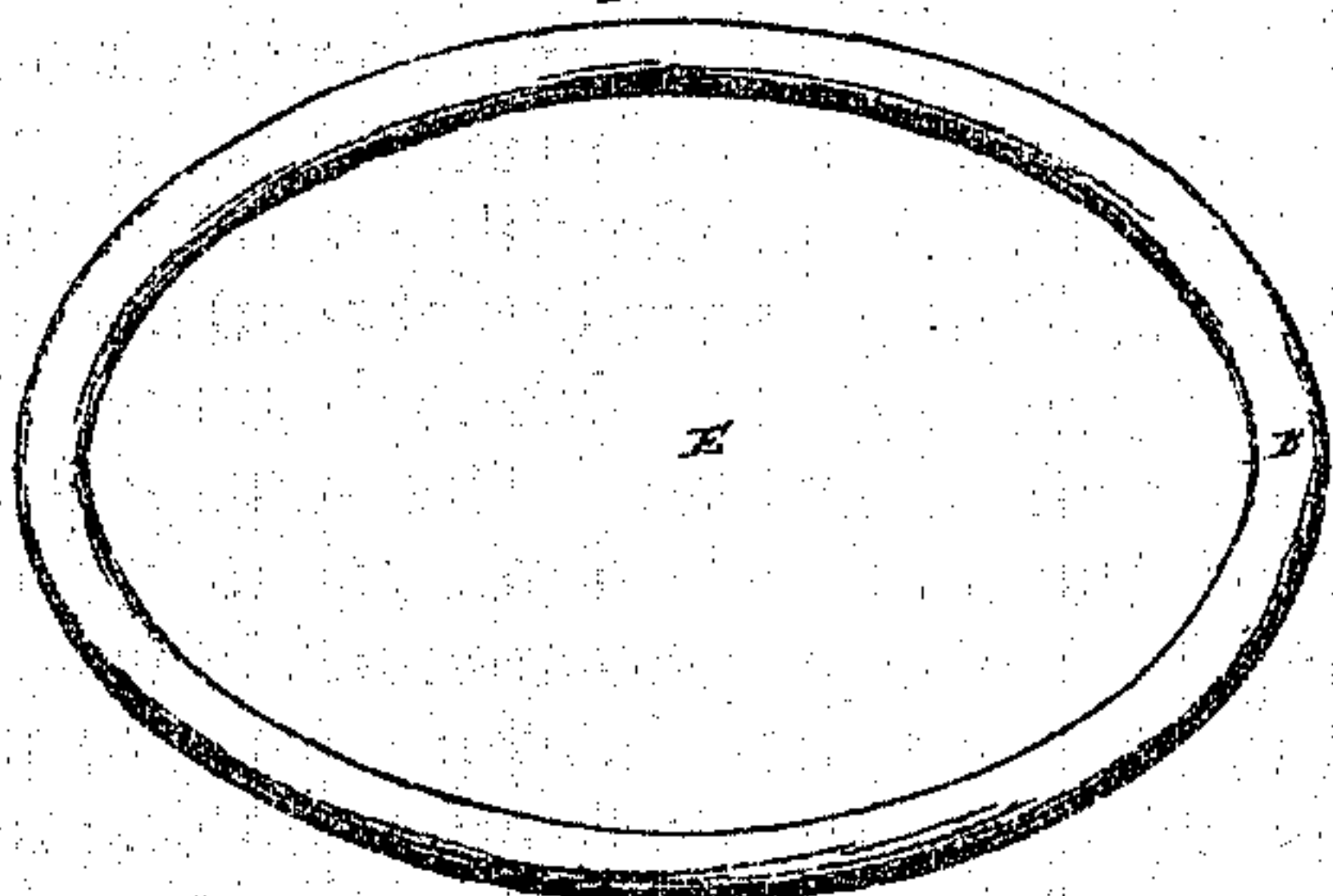
*Fig. 1*



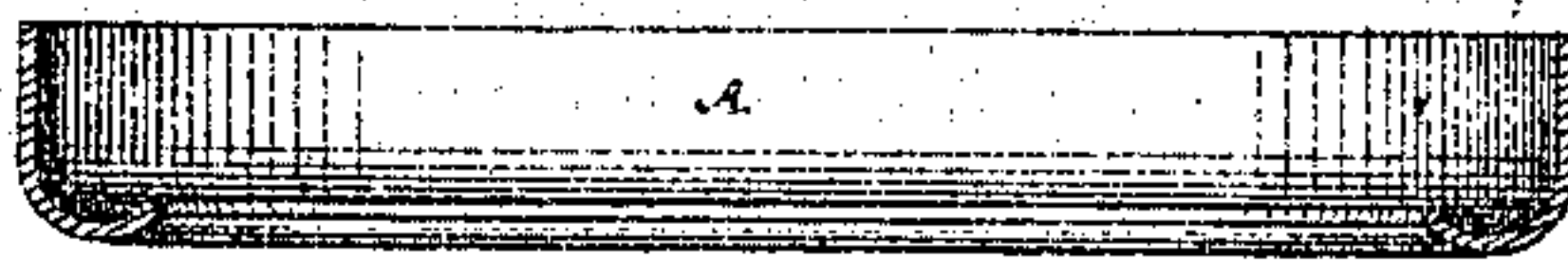
*Fig. 4*



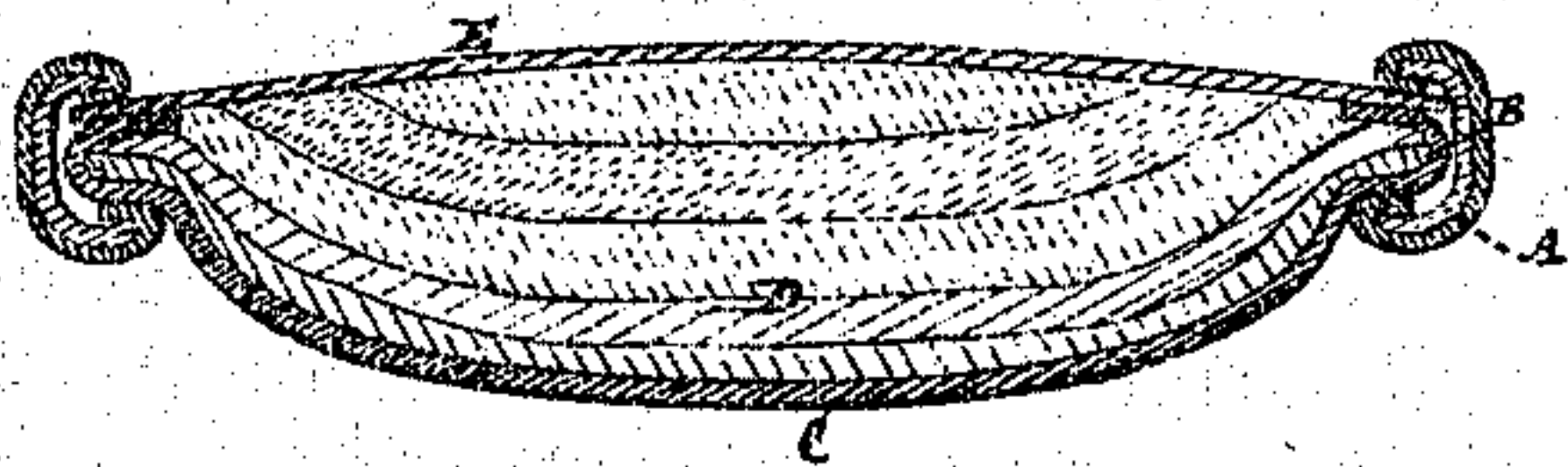
*Fig. 2*



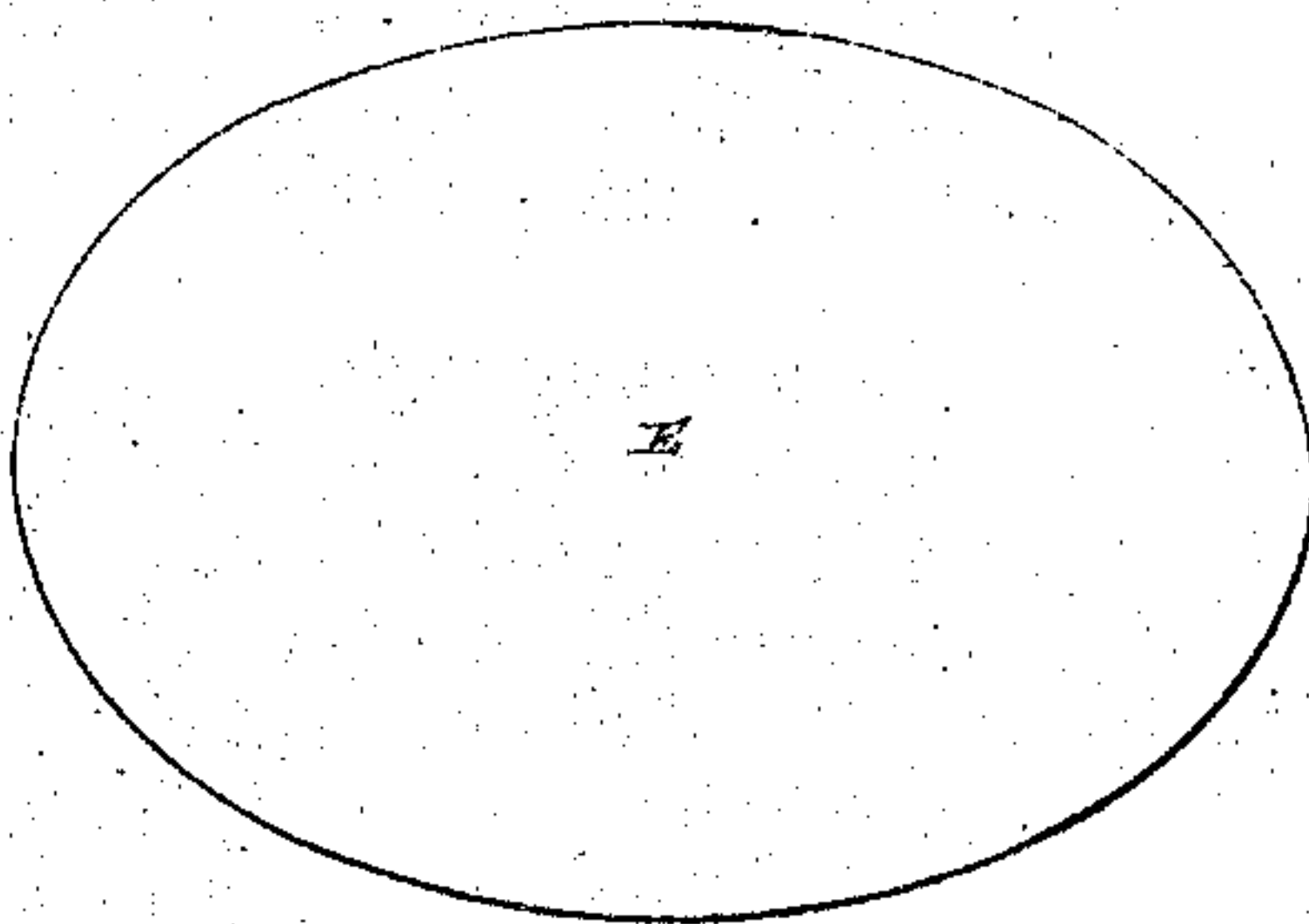
*Fig. 5*



*Fig. 3*



*Fig. 6*



*Witnesses.*

*Henry T. Brown*  
*Frederic Haynes*

*J. B. Marsh*



# UNITED STATES PATENT OFFICE.

JOSEPH B. MARSH, OF BROOKLYN, NEW YORK.

## IMPROVEMENT IN TRUSS-PADS.

Specification forming part of Letters Patent No. 119,379, dated September 26, 1871.

*To all whom it may concern:*

Be it known that I, JOSEPH B. MARSH, of Brooklyn, in the county of Kings and State of New York, have invented a new and useful Improvement in Truss-Pads, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing forming part of this specification, and in which—

Figure 1 represents a front view of my improved truss-pad; Fig. 2, a back view of the same; Fig. 3, a transverse section thereof. Fig. 4 is a back view of an edge-plate, ring, or band used to hold the several parts of the pad together, and showing the same before its back edge is turned over to effect its hold of the parts; Fig. 5, a transverse section of the same; and Fig. 6, a face view of a back plate used in the construction of the pad.

Similar letters of reference indicate corresponding parts throughout the several figures.

My invention consists in a truss-pad composed in part of an edge-plate, ring, or band of metal cupped to receive and hold the other component parts of the pad at their edges within it, including the face-leather, stuffing, and back plate of the pad, the whole being mainly produced by means of dies and punches, and held firmly together by simply turning down or over the back edge of the marginal plate-band or ring, thereby forming a cheap, neat, efficient, and durable pad.

Referring to the accompanying drawing, I first strike up a marginal ring, band, or border-plate, A, of the requisite contour of the pad to be produced, and cup-shaped in its transverse section, as shown in Fig. 5, to hold the several parts composing the body of the pad, and, if desired, the edges of a marginal leather or other covering, B, within it. This covering B is punched out to the required shape, and applied to the outer surface of the band or ring A, and its front edge turned in and over the interior front edge of the ring, as shown in Fig. 3. The face-leather or

main covering, of any suitable material, C, with its edges bent to hold the stuffing D, and a back plate, E, of the same general contour as the pad, are then introduced through the back of the marginal plate, ring, or band A, and so that the map rests on the inner edge of the ring while the latter retains the shape represented for it in Fig. 5.

Thus arranged, it is only necessary, when required to secure the whole together, to turn down or inward the back edge of the ring or band A, and tuck the back edge of the marginal covering B beneath it and between such portion of the ring and the back plate E, as represented in Fig. 3. In this way the marginal ring, band, or border-plate A is made to hold both its own covering, the face-leather of the pad, and the back plate thereof; also, the filling or stuffing, which latter should be sufficient not only to give the necessary flexible protrusion in front of the pad, but also, or preferably so, to slightly spring out the back plate between the turned-down back edges of the ring that thus is made to more securely clamp the whole. The neatness and cheapness of the pad when made as described are among its highest recommendations.

This improvement is applicable to pads of all forms, whether for the front or back, and whether the pads are made without provision for flexure, like that described, or with such provision for that purpose as is made for pads of many kinds.

What is here claimed, and desired to be secured by Letters Patent, is—

A truss-pad composed, in part, of a marginal ring, border-plate, or band, A, and in part of a front leather, back plate, and intermediate filling, all firmly secured in common by the turning in of the edges of the ring, plate, or band, substantially as specified.

J. B. MARSH.

Witnesses:

HENRY T. BROWN,  
FRED HAYNES.