

(No Model.)

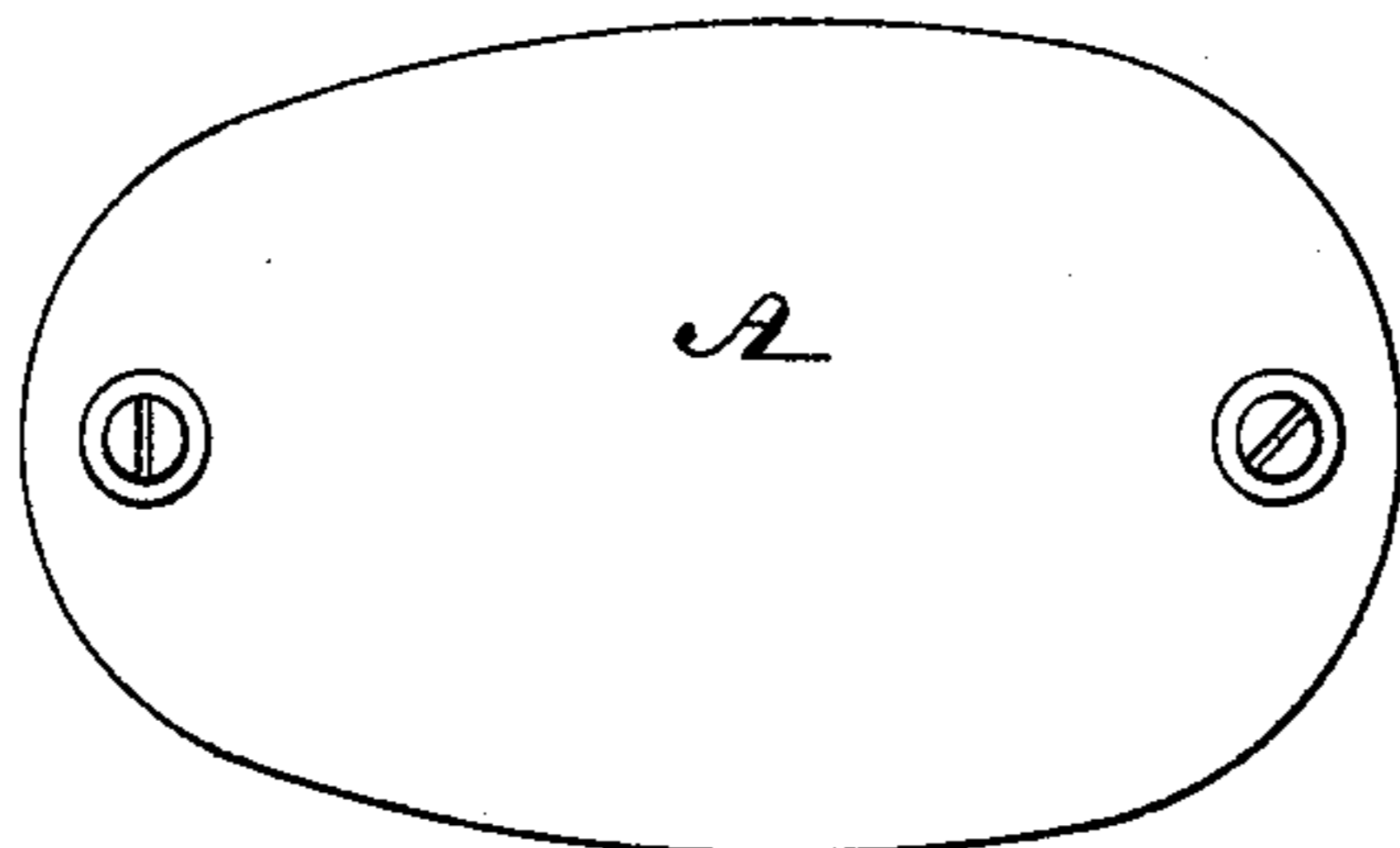
O. ECKERT.

TRUSS PAD.

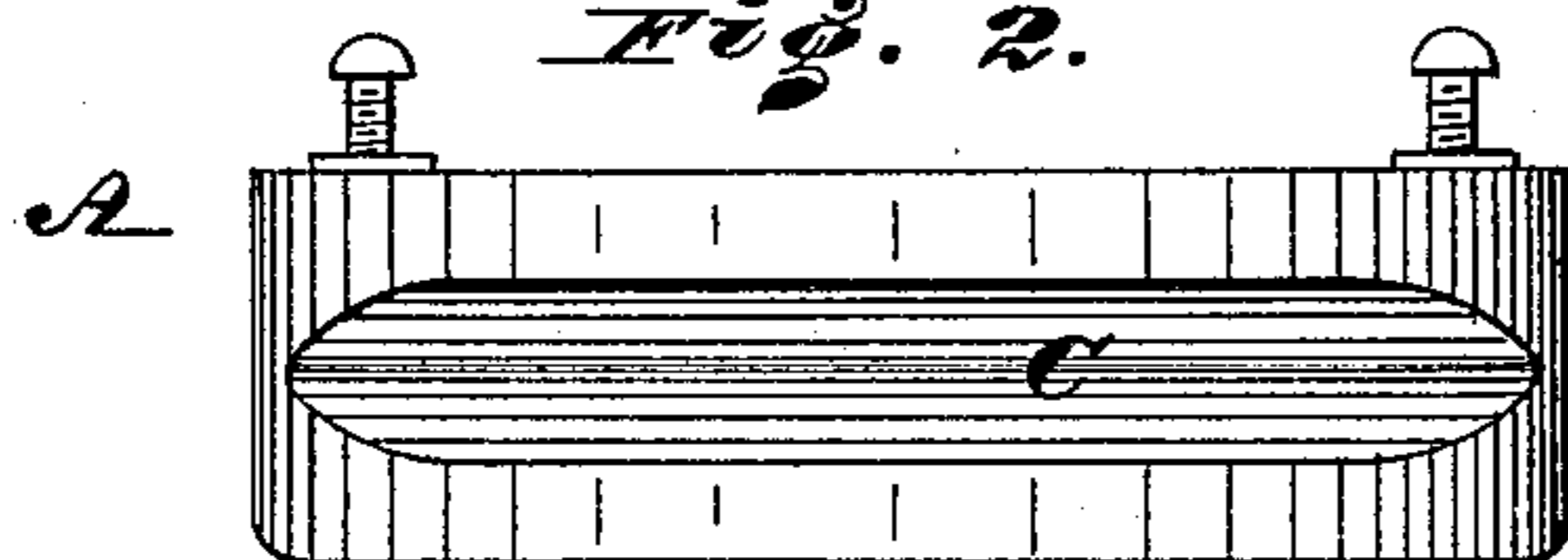
No. 397,345.

Patented Feb. 5, 1889.

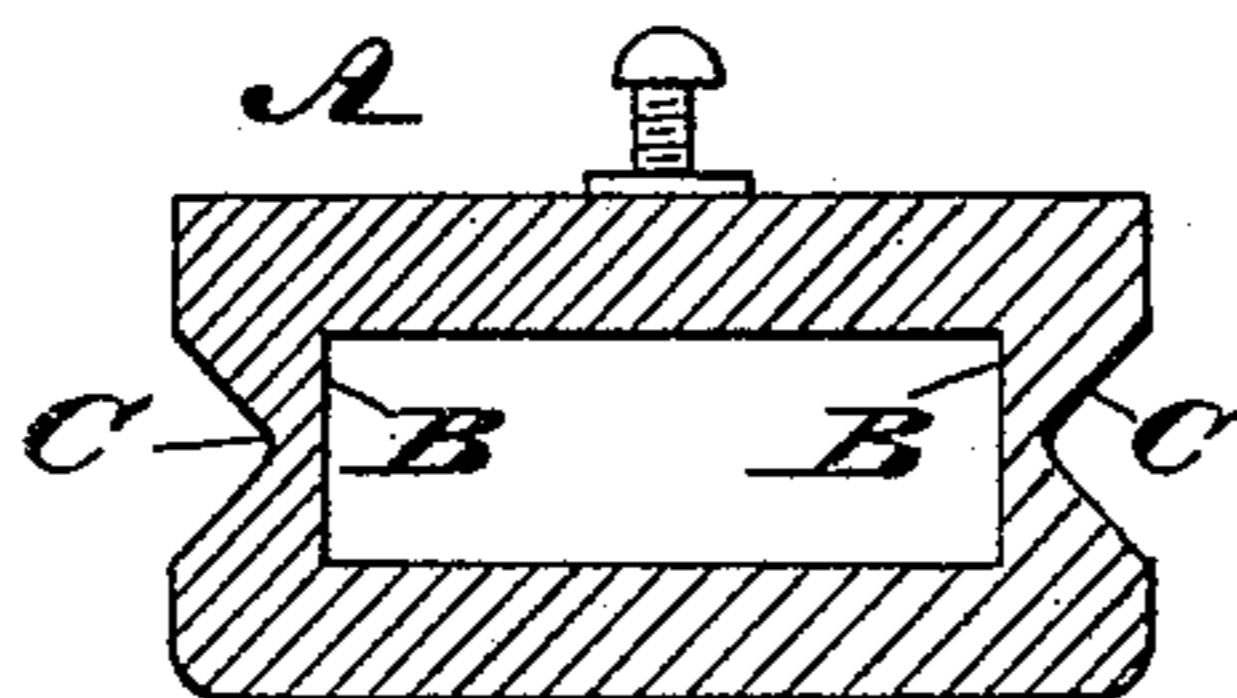
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



WITNESSES:

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# UNITED STATES PATENT OFFICE.

OWEN ECKERT, OF HICKORY RUN, PENNSYLVANIA.

## TRUSS-PAD.

**SPECIFICATION** forming part of Letters Patent No. 397,345, dated February 5, 1889.

Application filed April 12, 1887. Serial No. 234,509. (No model.)

*To all whom it may concern:*

Be it known that I, OWEN ECKERT, a citizen of the United States, residing at Hickory Run, in the county of Carbon, State of Pennsylvania, have invented a new and useful Improvement in Truss-Pads, which improvement is fully set forth in the following specification and accompanying drawings.

My invention consists of improvements in a truss-pad for the cure of hernia, as will be hereinafter fully set forth.

Figure 1 represents a face view of a truss-pad embodying my invention. Fig. 2 represents a side elevation thereof. Fig. 3 represents a section thereof in line  $x x$ , Fig. 1.

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

Referring to the drawings, A represents a pad, which is formed of soft rubber and constructed of an elliptical or other-shaped body, which is partly hollowed out, leaving a rim, B, around the periphery, which forms the sides of the body and prevents collapse of the pad. The body is grooved exteriorly, as at C, whereby the rim is permitted to yield on itself, and as the portion of the body within the rim is hollow it is evident that the pad is elastic both in its body and rim, while it possesses sufficient stability to produce the proper pressure where the hernia exists.

It is evident that while the pad retains its position it conforms to the motions of the body; hence it may be worn with ease and comfort, and its face also produces a concavity due to the contour of the abdomen, so as to inclose and press the breach and retain the intestines without injuring the walls.

The face of the pad is primarily right-lined, so as to remain approximately flat, instead of being convex or other improper shape, which presses the injured walls outward, instead of compressing inward and knitting the broken tissues.

I am aware that it is not new to make a truss-pad of soft rubber and provide the same with means whereby it may be inflated so that it serves as a cushion, owing to the elasticity of the confined air; but I am not aware that it is old to make a pad for a truss in which the said pad is formed of a closed body having no openings and of rubber, the end and side walls being of sufficient thickness that when pressed they act as springs, and the side walls having horizontal V-shaped recesses, causing a reduced thickness of the walls at said recesses, whereby as the pad is pressed the walls are uniformly and gradually contracted without any tipping or lateral motion being imparted thereto.

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

An improved pad for a truss, consisting of a closed hollow body the top, bottom, and side walls of which are of rubber and integral, the side walls being of sufficient thickness to distend the body and having V-shaped recesses allowing said sides to yield without bulging, substantially as described.

O. ECKERT.

Witnesses:

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A. P. JENNINGS.