

C. Morrill,

Truss.

No. 110063.

Patented Dec. 13. 1870.

Fig. 1.

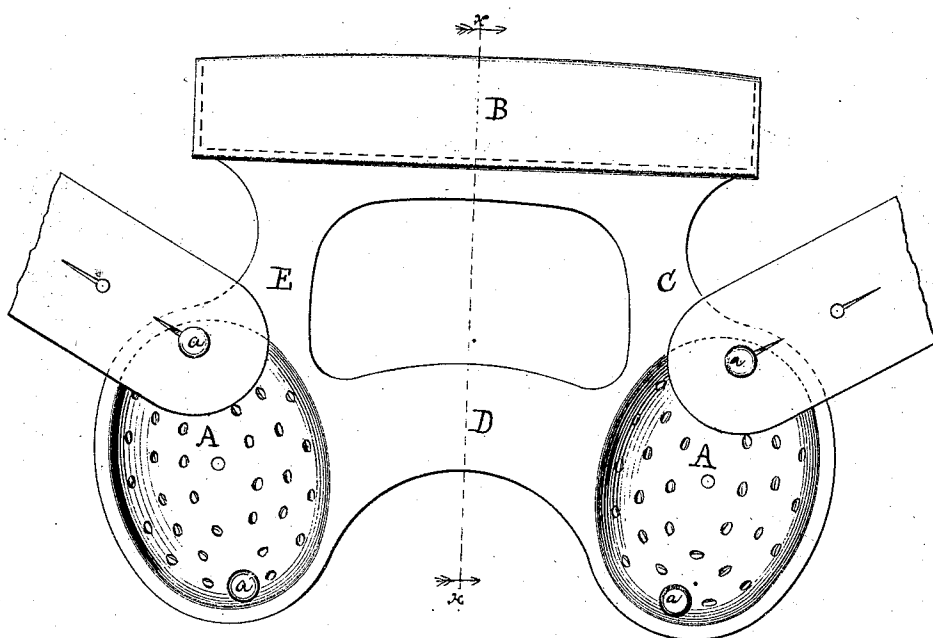
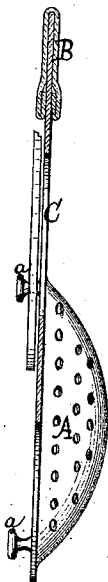


Fig. 2.



Witnesses:

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United States Patent Office.

CHARLES MORRILL, OF NEW YORK, N. Y.

Letters Patent No. 110,063, dated December 13, 1870.

IMPROVEMENT IN TRUSSES.

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, CHARLES MORRILL, of the city of New York, in the county and State of New York, have invented a certain new and useful Improvement in Trusses; and I hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing which forms part of this specification.

My invention consists in an improved hernial truss composed of a frame of novel construction, provided with two pads, or one pad and an equivalent for the other, (all such parts being struck up from a single piece of metal,) and a band or other suitable means for fastening the same to the body, whereby I am enabled to produce a truss, efficient in all respects, at an exceedingly low cost, and one which will retain its proper position on the person of the wearer without vexatious and annoying appendages, such as springs, or a multiplicity of bands, which are used to cause the pad or pads to properly press against the ruptured part or parts.

In the accompanying drawing—

Figure 1 is a front elevation of a double-padded truss constructed according to my invention.

Figure 2 is a vertical central section thereof, taken on the plane of the line *z z*, fig. 1.

The truss I have illustrated is designed for the use of a person having a rupture in or near each groin, and is therefore provided with two pads proper.

A A designate the pads;

B, the horizontal bar of the frame;

C E, the vertical bars of the frame; and

D, the lower connecting-bar.

All these parts may be stamped or cut out of a sheet of metal, and I preferably press the pad into concavo-convex form, and provide it with perforations, which latter permit the air to reach the ruptured part for ventilating the same, and hence relieving it of much

of that "itching sensation" incident to the use of a solid pad.

F designates an elastic band, which I have shown as being applied by buttoning the ends thereof upon knobs *a a* secured to the pads.

The lower knobs *a a* furnish a means for applying secondary bands to pass around the legs, for keeping the truss lower down on the body when such particular adjustment is found necessary.

In cases where the truss is to be worn by a person having but one rupture, one pad, A, only need be used, and the other pad may be a plain piece of metal, or a cushion-pad; or it may be of any suitable form or shape to balance the frame and furnish a means for attaching the other end of the strap or band, as is obvious, and it is likewise evident that, instead of the perforated concavo-convex pad, any other of the many styles of pads in the market may be employed.

The horizontal bar B serves an important feature. It lies across the abdomen and causes the pads to maintain their proper position on the rupture, and entirely prevents the motion of the body from twisting or turning the truss so as to displace the pad or pads; and I have shown this horizontal bar B as covered with kid, but such covering would not be necessary were the plate made thick enough and the edges rounded, or the edges turned over, so as not to indent and press into the flesh.

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

A hernia truss, consisting of the horizontal bar B, and the pads A, connected by the bars E, C, and D, or their equivalents, all being struck up from a single piece of metal, substantially as herein specified.

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Witnesses:

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