

E. A. CAMPBELL.
TRUSS.

175,029.

Patented March 21, 1876.

Fig. 1.

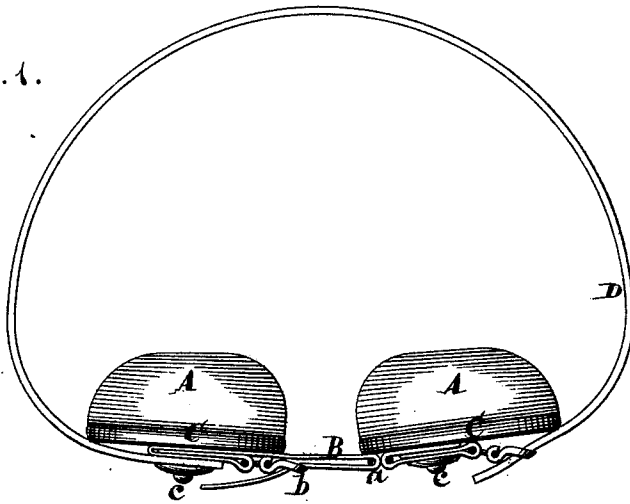


Fig. 2.

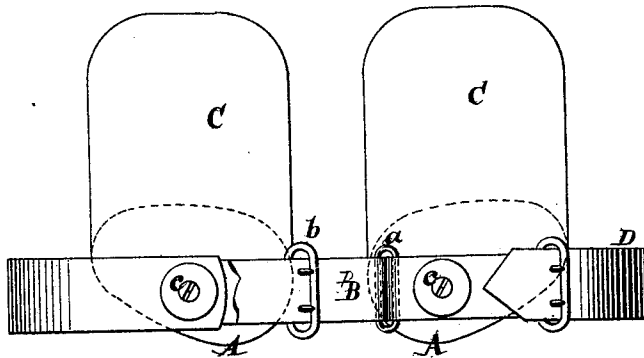
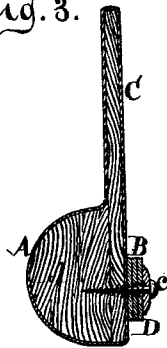


Fig. 3.



Witnesses.
Chas. Nahlers.
Hugo Briggemann

Inventor.
Edward A. Campbell
per
Van Santvoord & Hauff
Attys

UNITED STATES PATENT OFFICE.

EDWARD A. CAMPBELL, OF HASTINGS-ON-THE-HUDSON, NEW YORK.

IMPROVEMENT IN TRUSSES.

Specification forming part of Letters Patent No. **175,029**, dated March 21, 1876; application filed February 9, 1876.

To all whom it may concern:

Be it known that I, EDWARD A. CAMPBELL, of Hastings-on-the-Hudson, in the county of Westchester and State of New York, have invented a new and Improved Truss for Hernia, which invention is fully set forth in the following specification, reference being had to the accompanying drawing, in which—

Figure 1 represents a plan or top view, partly in section. Fig. 2 is a front view. Fig. 3 is a transverse section.

Similar letters indicate corresponding parts.

This invention consists in the combination of two independent pads, each having a lever extending upward, with a strap which allows of adjusting the distance between the pads, and an elastic band, which serves to secure the pads in the desired position on the body, the pads being secured to said adjusting-strap by clamping-screws, so that each pad can be readily adjusted in the required position, and by the action of the levers the pads are prevented from turning out at the bottom.

In the drawing, the letters A A designate two pads, which are connected to each other by a strap, B, provided with a slide, *a*, and a buckle, *b*, so that the distance between the two pads can be increased or diminished to suit the patient. Said pads are fastened to the adjusting-strap B by clamping-screws *c*, which allow of setting the same in a horizontal or oblique position, as the hernia may require. From each pad extends a lever, C, which, when the truss is in position, bears against the abdomen, and effectually prevents the pads from turning out at the bottom. An

elastic band, D, serves to secure the truss to the body of the patient. This band passes around the body of the patient a little higher than the pads, and by its action the upper ends of the levers C are pressed inward, thereby holding the pads firmly up against the hernia. The levers, being separate and independent from each, adjust themselves readily to the desired spot, and each lever is free to follow the motions of the body independent of the other lever, so that the pads are not liable to work loose or to cause irritation.

It will be noticed that by my arrangement the use of strong springs is avoided, and no tight strap is required, and at the same time the pads are firmly retained in position, and all parts of the truss can readily adapt themselves to the motion of the body without irritation.

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

In a truss, the combination of two independent pads, each having a lever formed of the prolongation of the back of the pad, and projecting upward, with a strap for adjusting the distance between the pads, and with an elastic body-band secured to the pads, as shown, all constructed and operating substantially as described.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 5th day of February, 1876.

E. A. CAMPBELL. [L. s.]

Witnesses:

FRED. B. CHURCHILL,
CHAS. WAHLERS.