J. L. ROWE.

Truss.

No. 223,010. Patented Dec. 30, 1879.

Fig. 1.

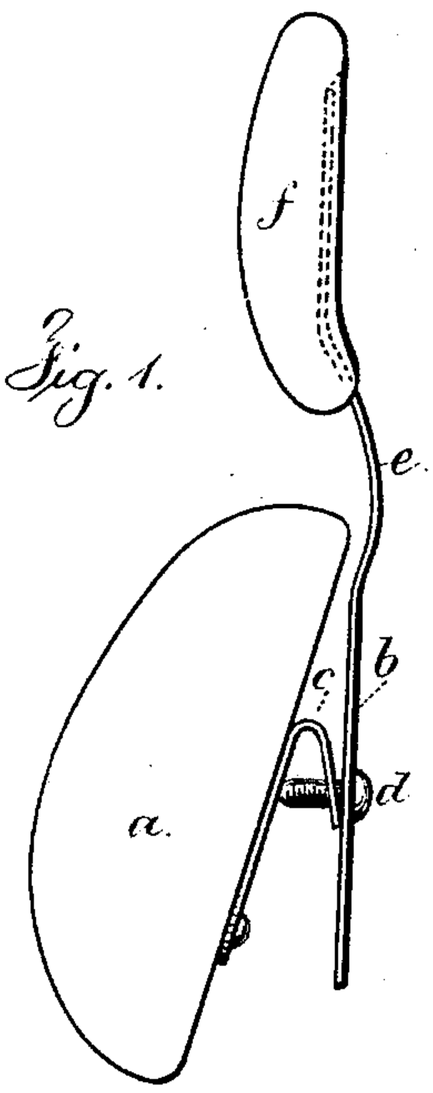

Fig. 2.

Witnesses

Chas. H. Smith

Harold Serrell

Inventor

John L. Rowe

per Lemuel W. Serrell

atty

UNITED STATES PATENT OFFICE.

JOHN L. ROWE, OF NEW YORK, N. Y., ASSIGNOR TO HIMSELF AND HENRY LASSING, OF SAME PLACE, ONE-HALF TO EACH.

IMPROVEMENT IN TRUSSES.

Specification forming part of Letters Patent No. **223,010,** dated December 30, 1879; application filed September 1, 1879.

To all whom it may concern:

Be it known that I, JOHN L. ROWE, of the city and State of New York, have invented an Improvement in Hernial Trusses, of which the following is a correct description.

Heretofore trusses have been made with a pad that is connected by a spring with the plate to which the attaching-straps are connected, and a screw to regulate the pressure of the pad has also been used. A truss of this character is shown in my Patent No. 155,891. With trusses of this and other characters a perineal strap has been necessary to hold down the lower edge of the truss-plate and prevent the same swinging outwardly by the movement of the body, and so relieving the pressure of the pad.

In some kinds of trusses the perineal strap has been dispensed with. My present invention is made for dispensing with the perineal strap in the truss before referred to, and at the same time preventing the lower part of the attaching plate or pad moving away from its proper position on the person.

My invention consists in the combination, with the spring-pad and the attaching body-belt, of a plate that serves to connect the parts, and a lever-pad upon that plate, bearing against the body above the truss-pad and serving to prevent the lower part of the pad swinging outwardly; and hence the pad is held firmly in its place and the body allowed great freedom of movement.

In the drawings, Figure 1 is a side view of the lever-plate pad and hernial pad, and Fig. 2 is a front view.

The pad *a* is of wood or other material, and is of a size and character adapted to the hernia. This pad *a* is connected to the plate *b* by a bent spring, *c*, and the screw *d* serves to regulate the relative position of the pad *a* to the plate *b*, as in aforesaid patent.

The plate *b* is extended upwardly as a lever, *e*, and to this the pad *f* is connected. This pad *f* is preferably of elastic material, so as to bear upon the healthy portion of the abdomen without inconvenience to the person, and the same serves to retain the hernial pad in its proper position upon the rupture, and to prevent the strap *h* drawing the upward part of the hernial pad against the body and allowing the lower part of such pad to swing away from the person.

The strap *h* is to pass around the waist, and its ends are connected with the plate *b* by hooks or other suitable fastenings.

I am aware that two pads have been connected together, and that one is intended to steady the other, and that with these a body-spring has been sometimes used, and in other cases straps have been buckled to the pads.

In my present truss the hernial pad is independent of the resistance-pad, and receives its support from a plate to which the body-straps are connected. Thereby the hernial pad is not liable to be displaced by the movement of the body, and the resistance-pad only acts to keep the plate to which the body-straps are connected from swinging away from the body at its lower edge.

I claim as my invention—

The combination, in a truss, of the pad *a*, spring *c*, and plate *b*, connected by the screw *d*, the upward lever-extension *e* of the plate *b*, the pad *f*, at the upper part of the lever-extension *e*, the body-belt *h*, and hooks or fastenings connecting the body-belt to the plate *b*, substantially as and for the purposes set forth.

Signed by me this 26th day of August, A. D. 1879.

JOHN L. ROWE.

Witnesses:

WILLIAM G. MOTT,

HAROLD SERRELL.