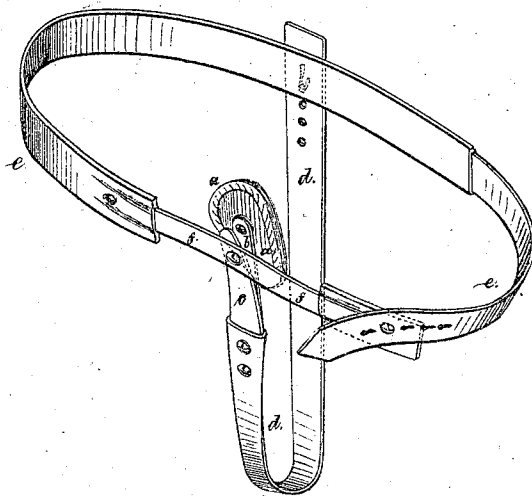


J. A. SHERMAN.

Trusses.

No. 139,926.

Patented June 17, 1873.



Inventor

Jacob A. Sherman,

Witnesses,

Chas H Smith

Harold Ferrell

Lemuel W. Ferrell

att'y.

UNITED STATES PATENT OFFICE

JACOB A. SHERMAN, OF NEW YORK, N. Y.

IMPROVEMENT IN TRUSSES.

Specification forming part of Letters Patent No. **139,926**, dated June 17, 1873; application filed November 5, 1872.

To all whom it may concern:

Be it known that I, JACOB A. SHERMAN, of the city and State of New York, have invented an Improvement in Trusses, of which the following is a specification:

In this truss the pad is connected, by a spring or bar, with the strap that passes between the legs; and the same strap is connected, by a bar or spring, with the pressure-bar that is held upon the body by the waist belt or strap, so that the pad is pressed to its place by the yielding action of a spring. It is free to accommodate itself to the hernia, and is much less liable to be displaced by the movement of the body when connected primarily to the strap passing between the legs than in cases where it is connected with the strap passing around the hips, because to the latter strap there is considerable motion from the muscles of the hips and lower part of the body.

In the drawing, the improvement is represented by a perspective view.

The pad *a* is of a size and shape adapted to the hernia. The spring *b* and bar *c* are connected together and to the strap *d* that passes between the legs and attaches to the body-strap *e*. The bar *f* is inserted, at its ends, in the portions of the strap *e*, and connected

therewith, and the spring *b* and bar *c* intervene between this bar *f* and the pad *a*. The spring may be connected to the bar *f*, and the bar *c* to the pad *a*, or the reverse.

These bars *f* and *c* may be bent to suit the shape of the body, or to produce more or less pressure; and, when in use, it will be found that the pad *a* will bear upon the hernia, and that there will be less risk of slipping than with pads that receive their principal support from the body-belt and bar or spring; and, in consequence of the pad *a* being connected to the bar or spring by a joint, and the spring or bar *c* being connected to the bar *f*, the parts are free to move with the body without displacing the pad.

I claim as my invention—

The truss-pad *a*, connected to a bar or spring at the end of the strap passing between the legs, in combination with a spring or bar also connected with said strap and the bar *f* and waist-belt *e*, as and for the purposes set forth.

Signed by me this 30th day of October, A. D. 1872.

J. A. SHERMAN.

Witnesses:

GEO. T. PINCKNEY,
CHAS. H. SMITH.