

N. JONES.

Truss-Pads.

No. 136,735.

Patented March 11, 1873.



Fig. 3.



Witnesses,

Chas. H. Smith
Geo. D. Walker

Inventor

Nathaniel Jones,
Lemuel W. Perrell atty.

UNITED STATES PATENT OFFICE.

NATHANIEL JONES, OF SYRACUSE, NEW YORK.

IMPROVEMENT IN TRUSS-PADS.

Specification forming part of Letters Patent No. **136,735**, dated March 11, 1873.

To all whom it may concern:

Be it known that I, NATHANIEL JONES, of Syracuse, in the county of Onondaga and State of New York, have invented an Improvement in Truss-Plates and Pads, of which the following is a specification:

Truss-plates have been made of metal shaped to suit the position where the same is to be applied, and elastic pads have also been made use of.

The object of my present invention is to produce a truss-plate or pad that is adapted to resting directly upon the surface of the person without any injurious or unpleasant action, such as that resulting from the sulphur in hard rubber, and which is of a material that can be softened by a moderate degree of heat sufficiently to be bent to the shape that is most convenient for and comfortable to the rupture to which it is to be applied. I employ pyroxyline or solid collodion prepared in either of the modes heretofore made use of for dental purposes. A truss-pad or plate of this material is a new article of manufacture. The pad or plate is molded or pressed to shape when sufficiently warm to be softened, and the plate or pad is to be of whatever size or shape required for the given hernia, and it may be either pierced with numerous small holes or plain; and reference is hereby made to Letters Patent numbered 119,233, 127,889, 127,890, as representing the shape and character of truss-pad that can be made out of the composition aforesaid; and showing also the manner in which the parts are to be made for

receiving the attaching straps; but the shape of the pad or plate is to be such as to accommodate in the best manner the hernia to which it is to be applied. A truss-plate or pad made in this manner and of the aforesaid character can be warmed over a spirit-lamp, or otherwise, and pressed, molded, or bent to the shape best adapted to the hernia; the plate is much lighter than metal, and is free from the objection arising in the use of India rubber or its compounds from the sulphur contained therein.

In the drawing, Figure 1 is a sectional plan of a truss-plate with two projecting side pressers or pads, *a b*. Fig. 2 is a similar view with only one inward presser or pad *c*, and Fig. 3 is a section of a pad separately.

The parts are made of the aforesaid material, that is pressed to shape while sufficiently heated to be soft. The slotted recessed place *d* for the strap-hooks may be made of a metal plate set into the said material, or it may be made of the material itself. These figures illustrate a truss-plate and pad, but the shape of the same may be varied to suit the parts.

I claim as my invention—

The truss-plate or pad made of pyroxyline as a new article of manufacture.

Signed by me this 9th day of October, A. D. 1872.

NATHANIEL JONES.

Witnesses:

RANSOM GREEN,
CHAS. N. SABEY.