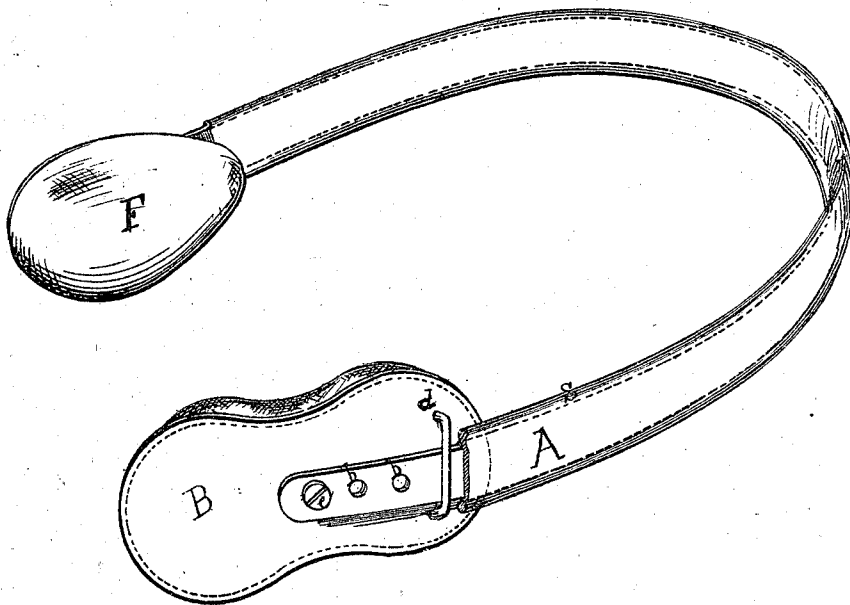


J. F. GROVES  
Trusses.

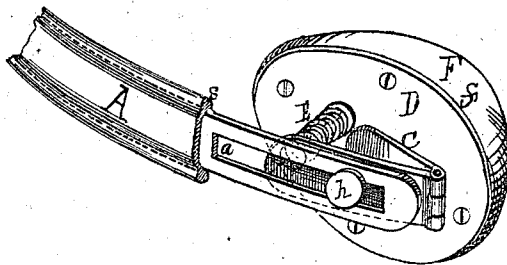
No. 142,337.

Patented September 2, 1873.

*Fig. 1.*



*Fig. 2.*



Witnesses.

A. C. Upperman.  
A. Smith

Inventor.

J. F. Groves  
By Myers & Co.  
attys.

# UNITED STATES PATENT OFFICE.

JOHN F. GROVES, OF WHITEFIELD COUNTY, GEORGIA.

## IMPROVEMENT IN TRUSSES.

Specification forming part of Letters Patent No. **142,337**, dated September 2, 1873; application filed July 8, 1873.

*To all whom it may concern:*

Be it known that I, JOHN F. GROVES, of the county of Whitefield, in the State of Georgia, have invented certain Improvements in Abdominal Trusses, of which the following is a specification:

Figure 1 is a plan view of my invention, showing the adjustable truss-pad and the clasp. Fig. 2 is a plan view, showing the hernia-pad and the parts of the device connected therewith.

My invention consists of the construction and arrangement of the elastic clasp A, provided with the slot *a* and apertures *b b*, the truss-pad B, the hinge C, plate D, spring E, and hernial pad F, as shown and described.

A is an elastic clasp, to which are attached the truss and hernial pads. The several perforations in the clasp at *b* are designed, in conjunction with the screw *e*, for adjusting the truss-pad to persons of varying size. Said clasp is covered with the morocco S, or other suitable material may be employed for the intended purpose. B is a truss-pad, which consists of a metallic plate covered with soft leather or other suitable material, and provided with the loop or brace *d*. The ends of the said brace project through apertures provided in the metallic base or plate of the truss-pad B, and are clinched to the reverse face

thereof. The mate screw *e* has its bearings in the metallic plate, which forms the base of the truss-pad aforesaid. F is a hernial pad, and consists of the wooden oval piece *f*, which latter may be covered with any soft material, if preferable in practice, having attached to the face thereof a metallic plate, D. The plate D, which is rigidly screwed to the face of the oval piece *f*, as aforesaid, has riveted thereto the hinge *g*, and to the latter is riveted the button *h*, which button slides in the slot *a* of the clasp A. E is a spiral spring, which projects through an aperture provided in the metallic plate A and into a socket located in the wooden oval piece *f*, where it is rigidly secured.

I claim—

The pad F having spring E, and hinge C provided with button *h*, in combination with the slot *a* of the clasp A, substantially as and for the purpose set forth.

In testimony of this my application for Letters Patent for an improvement in abdominal trusses, I have hereunto subscribed my name this 13th day of May, 1872.

J. F. GROVES.

Witnesses:

J. C. VARNELL,  
JOHN P. LOVE.