

P. Müller.

Truss.

Nº 102,852.

Patented May. 10. 1870.

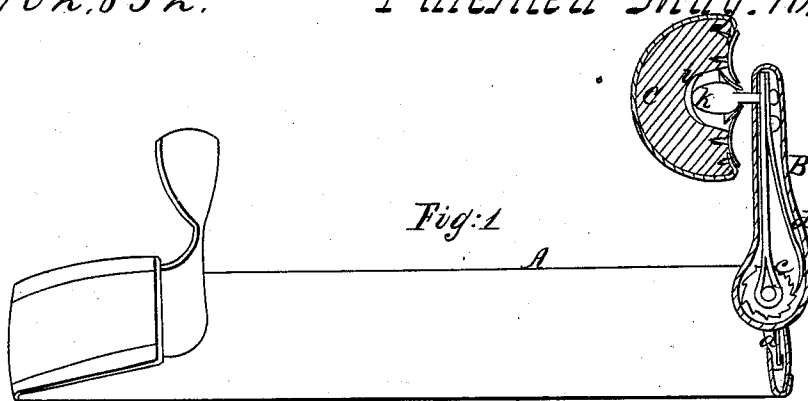


Fig: 1

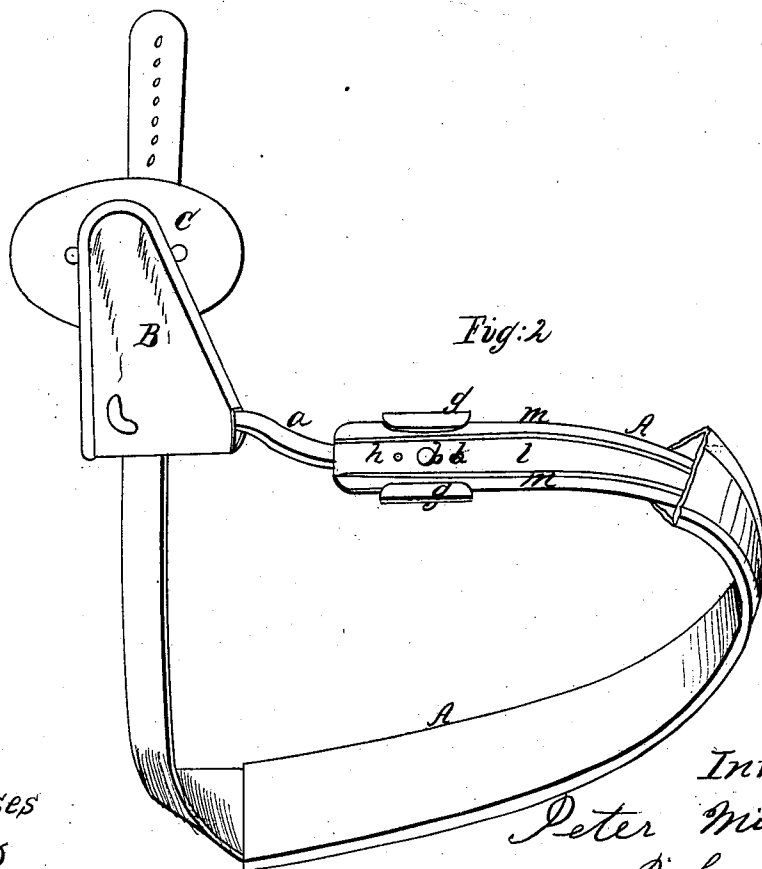


Fig: 2

Witnesses

D. J. Brown
C. A. Harkness

Inventor

Peter Müller

By his atty.

J. S. Brown

United States Patent Office.

PETER MÜLLER, OF MIDDLE LANCASTER, PENNSYLVANIA.

Letters Patent No. 102,852, dated May 10, 1870.

IMPROVEMENT IN TRUSSES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern :

Be it known that I, PETER MÜLLER, of Middle Lancaster, in the county of Butler and State of Pennsylvania, have invented an improved Truss; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings making part of this specification,

Figure 1 being a section of the pad and pad-holder, and showing the spring or bow beyond.

Figure 2 a view of the truss, in perspective, showing a portion of the spring uncovered.

Like letters designate corresponding parts in both figures.

Let A represent the bow or spring, B the adjustable pad-holder, and C the pad of the truss.

First, the pad-holder B is adjustable on the end of the bow or spring A, the neck *a* of the holder terminating in a clasp, *g*, which slides on the spring, and is held by a rivet or screw, *b*, fitting in one of a set of holes, *h h*, in the spring. This adjustment allows the enlargement or contraction of the size of the truss, and enables the pad to be brought into exact position over the rupture.

Second, the neck *a* of the pad-holder B is curved outward so as to bring the pad-holder away from contact with the body, and allow the adjacent end of the spring to fit the body.

Third, the pad-holder B has an entire ratchet-wheel, *c*, and a spring detent, *d*, secured to the holder-plate *f*, which may turn to any angle around the neck pivot.

Fourth, the pad C is made of wood, and has a socket, *i*, lined with metal, which turns around the swivel-ball

k. The material, wood, gives a firm pressure, is not liable to absorb offensive odors, and is light, and does not conduct away heat too rapidly.

The construction and arrangement of the parts above described produce a perfectly-fitting truss, easy to wear, adjustable to any position of hernia, and to the desired degree of pressure, and keep the truss well up on the body without the assistance of straps.

My invention consists in making the spring A of a strip of steel, *l*, in the center, and side strips *m m* of iron, the strips being welded together under the hammer, and the steel properly tempered. This combination of steel and iron to form the spring is important and valuable. It enables the wearer to adjust the spring to any bend he may desire, and the iron will keep it in any shape into which it is bent, while the steel will continue to exert the requisite elasticity.

Thus, the spring may be adapted to persons of different sizes, or to the same person when fat or lean, and it enables him to fit the spring exactly to his form.

The strips of steel and iron are not necessarily arranged just as shown—any equivalent construction may be adopted.

I claim as my invention—

The strips *l* of steel, and *m* of iron, substantially as and for the purpose herein specified.

The specification of my improved truss signed by me this 22d day of May, 1869.

PETER MÜLLER.

Witnesses :

ABRAHAM MAYER,
JACOB LADERER.