

H. Fuller,

Truss.

No. 106148.

Patented Aug. 9. 1870.

Fig. 1.

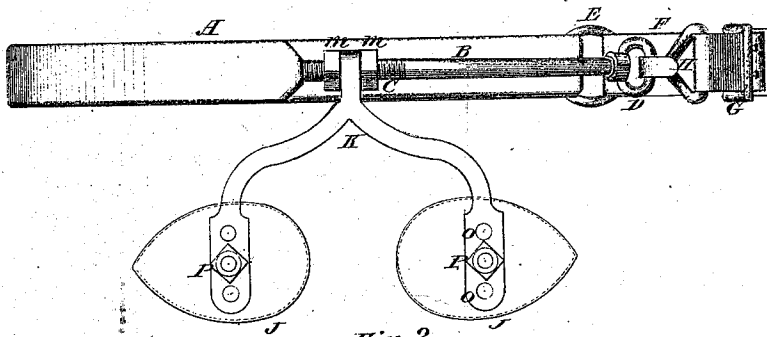


Fig. 2.



Witnesses:
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HENRY FULLER, OF CATTARAUGUS, NEW YORK.

Letters Patent No. 106,148, dated August 9, 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, HENRY FULLER, of Cattaraugus, in the county of Cattaraugus and State of New York, have invented a new and useful Improvement in Trusses; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

This invention relates to a new and useful improvement in trusses for the treatment of "hernia," or "rupture," and consists in an extension of the spring plate, which is provided with jam-nuts, for adjusting the pad-arm, as hereinafter set forth.

In the accompanying drawing—

Figure 1 represents a truss, constructed according to my invention, the figure being a front view, showing the truss as when in use with two pads.

Figure 2 is a view of a pad-arm detached, for use on the truss-spring when only a single pad is required.

Similar letters of reference indicate corresponding parts.

A represents the spring, made of steel or some equivalent material, which is applied around the waist of the person. This spring is covered with leather or any other suitable material in the usual manner.

B is a continuation of one end of the spring, in a rounded form, on a portion of which a screw-thread, C, is cut, and on the end of which is a removable eye, D, attached by screw-threads.

E is the other end of the spring, in the form of a ring.

F is a leather strap, provided with a buckle, G, by means of which the size of the truss is adjusted to suit the body of the wearer.

H is the hook, which engages with the eye D, by

means of which the truss is readily detached from the body.

J represents the pad, one or more of which may be worn, as may be required. As represented in fig. 1, two pads are shown on the double-arm K.

L, fig. 2, is the single pad-arm, which is slipped onto the part B by unscrewing the eye D.

These arms are fastened to the part B by means of the nuts *m m*, on the screw-threads C. The arms screw onto B, so that, when the nuts are turned up, the arms cannot move without binding against one or the other of the nuts.

The screw-thread C, on the part B, may extend the whole, or nearly the whole length of B, if required, for proper adjustment of the pad or pads.

The pads may be turned around, and are adjusted vertically by means of the holes O in the arms and the screw-nuts F, which engage with screws that are fastened in the pad.

By means of this construction and arrangement of parts the pad or pads, as may be required, can be adjusted so as to reduce any rupture, as any amount of pressure for that purpose may be obtained by the screw adjustment above described.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

The screw-threaded extension B of the spring, provided with the two jam-nuts, *m m*, whereby the arm K or L may be adjusted thereon, as shown and described, for the purpose specified.

HENRY FULLER.

Witnesses:

GEO. STRAIGHT,
HERBERT RICH.