

A. Hiroult,

Truss

No. 112,457.

Patented Mar. 7. 1871.

Fig. 1

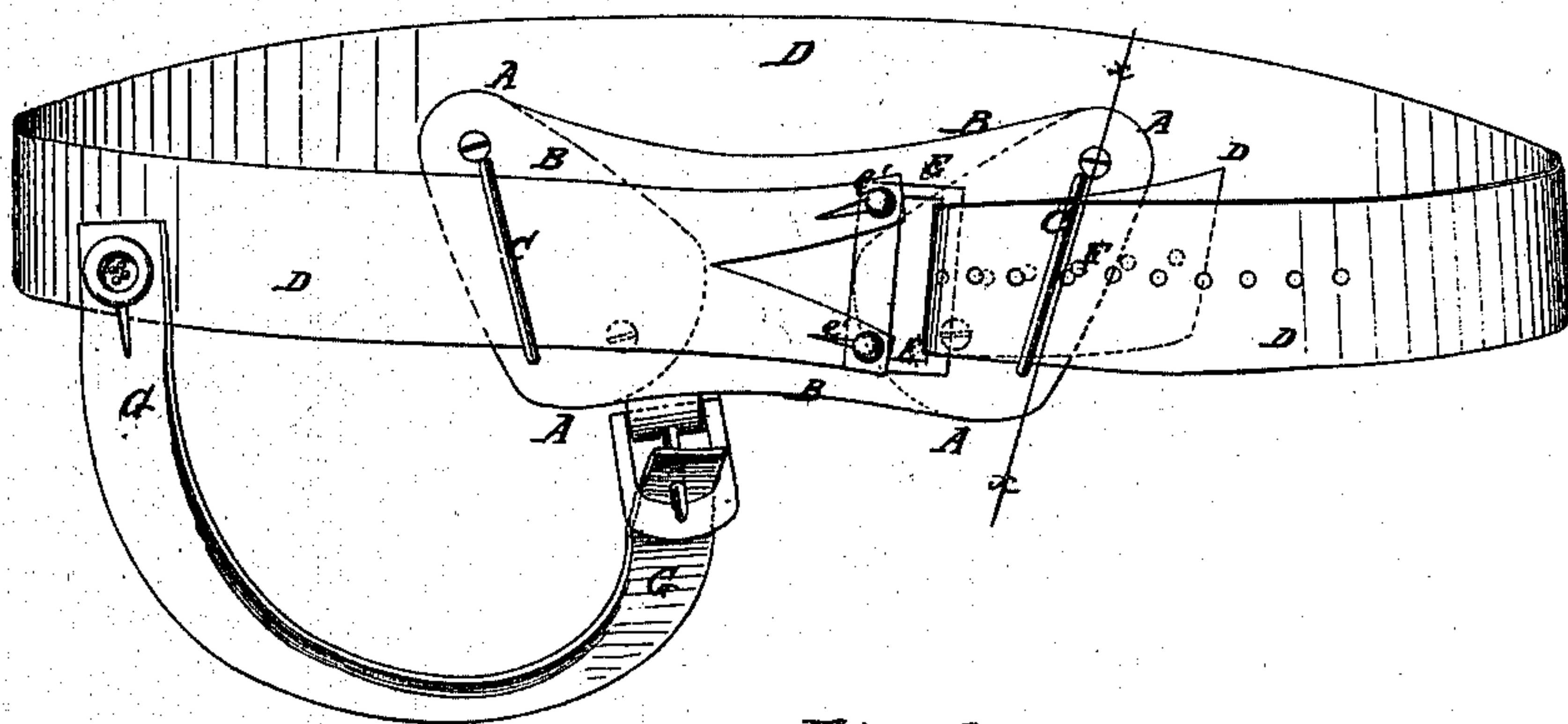
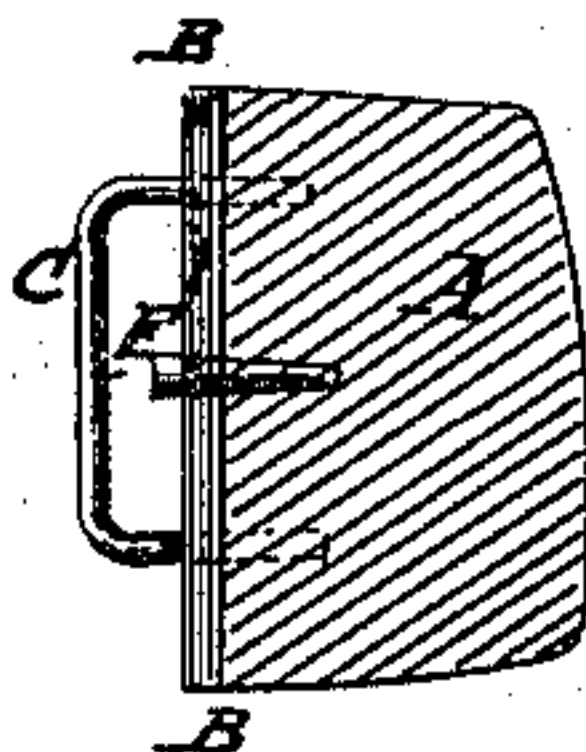


Fig. 2



Witnesses:

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ADAM HINOULT, OF MONTGOMERY, NEW YORK.

Letters Patent No. 112,457, dated March 7, 1871.

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, ADAM HINOULT, of Montgomery, in the county of Orange 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.

Figure 1 is a front view of my improved truss.

Figure 2 is a detail sectional view of the same, taken through the line *x x*, fig. 1.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish an improved truss, which shall be so constructed as to yield freely to the various movements of the body of the wearer while holding the rupture securely in place; and

It consists in the construction and combination of the various parts of the truss, as hereinafter more fully described.

A are the pads, which are made of wood, and are in form somewhat pear-shaped. The two pads A may be both of the same size, or one may be larger or higher than the other, according as both sides or only one may be ruptured.

B is a plate or piece of sole leather cut out into the desired form, wet, and formed into the desired shape. When thus prepared the plate B will retain its shape, and at the same time will yield or bend in any direction, recovering its former shape as soon as the pressure is removed.

The pads A are secured to the end parts of the plate B by screws or other convenient means.

C are keepers or wide staples, the ends of which are driven through the leather plate B, and into the wooden pads A, and through which the body of the strap D passes. The keepers or staples C thus hold the straps

D down close to the leather plate B, and keep the said strap D directly over the wooden pads A, to hold the said pads down to their places.

E is a rectangular metallic loop, upon the outer side of one of the side bars of which are formed, or to which are attached, studs *e'*.

D is the strap that passes around the body of the wearer.

One end of the strap D is passed through one of the keepers or staples C, and has holes formed in it to receive the studs *e'* of the loop E.

The other end of the strap D is passed inward through the loop E, is turned back, and is caught upon a stud, F, attached to the pad A, several holes being formed through the said strap D to receive the said stud F, so that the said strap can be lengthened or shortened, as may be desired.

G is a strap, designed to pass around the inner side of the thigh of the wearer.

The forward end of the strap G is buckled to a buckle attached to the leather plate B, near one end.

The rear end of the strap G has a button-hole formed in it to receive a button attached to the strap D.

One or two straps G may be used, as desired, said strap or straps being designed to keep the truss in place and prevent it from being displaced by the necessary movements of the wearer.

Having thus described my invention,

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

The strap D, provided with loop E, and adjustably attached to the pad by means of the staples C C and pin F, as shown and described.

ADAM HINOULT.

Witnesses:

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