

WILLIAM POMEROY.
Improvement in Trusses.

No. 115,098.

Patented May 23, 1871.

Fig. 1

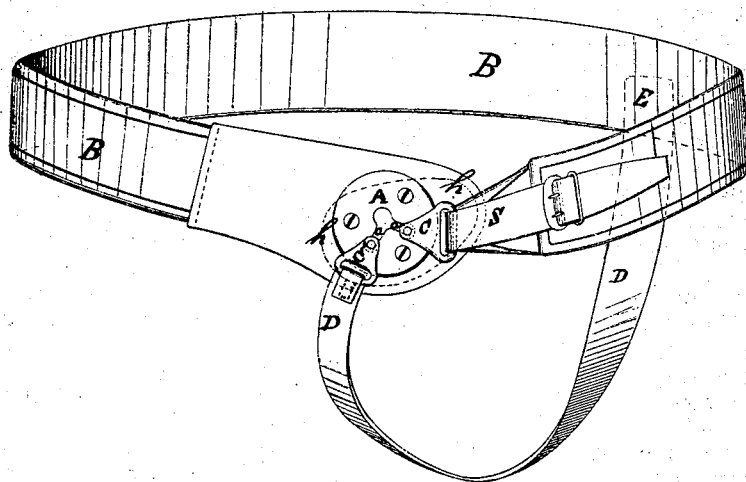


Fig. 2

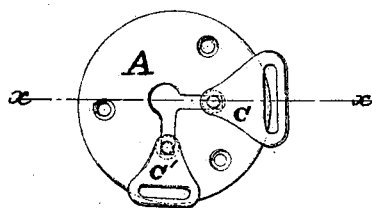


Fig. 3



Witnesses.
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IMPROVEMENT IN TRUSSES.

Specification forming part of Letters Patent No. 115,098, dated May 23, 1871.

To all whom it may concern:

Be it known that I, WILLIAM POMEROY, of the city, county, and State of New York, have invented an Improvement in Trusses; and the following is an exact description thereof, reference being had to the accompanying drawing and the letters marked thereon.

Figure 1 represents the entire truss as in position when fastened around the body, the pad not being seen, but its place being marked by a dotted elliptical line, *p p*. Fig. 2 presents a face view of the plate A and the metallic clasps buttoned into the angular slot *aa*. Fig. 3 is a sectional view of the same taken in the line *x x* of Fig. 2.

Similar letters of reference indicate the same parts in the different figures.

My invention has for its object the fastening of the truss on the body in such a manner as to avoid all projecting studs or screws; and consists in a slotted plate on the pad or belt, and headed pins on the under side of the ends of the straps, all forming a concealed fastening.

It is more particularly applicable to a truss made with a flexible or elastic body-belt, B B, and a thigh-strap, D D, Fig. 1.

Experience has shown that studs or screw-

heads projecting from the pad of a truss are objectionable from their liability to catch and wear the clothing.

I overcome this objection and effect a secure and convenient fastening, without projections of any kind, by attaching a button to the inner face of the clasps C and C', forming the ends, respectively, of the body-belt B B and the thigh-strap D D, (see Fig. 3 at H,) and cutting in the plate A an angular slot, *a a*, fitted to receive the buttons, as seen in Figs. 1 and 2. The button of the clasp sinks into the slot at the angle, where it is made large enough to receive the head of the button, and slides down in the narrow portion of the slot into position, where it is held securely, and yet entirely concealed from view, leaving a smooth surface on the outside.

I claim as my invention—

The combination of a slotted plate or truss-pad and clasps with inwardly-projecting buttons to form a fastening, substantially as described, and for the purpose set forth.

WILLIAM POMEROY.

Witnesses:

GEORGE HAMBKE,
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