

(No Model.)

N. JONES.
HERNIAL TRUSS.

No. 326,122.

Patented Sept. 15, 1885.

Fig. 1.

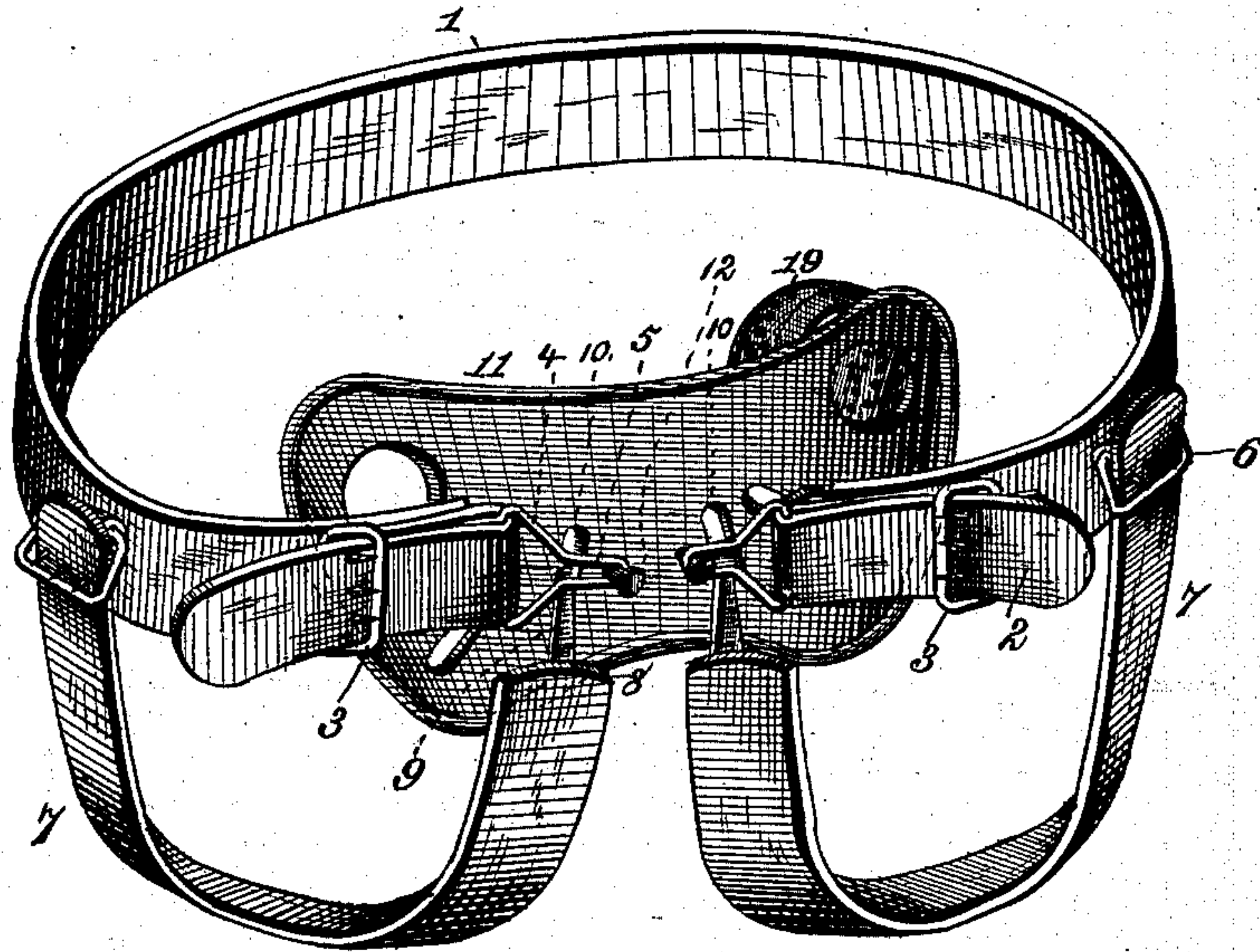


Fig. 2.

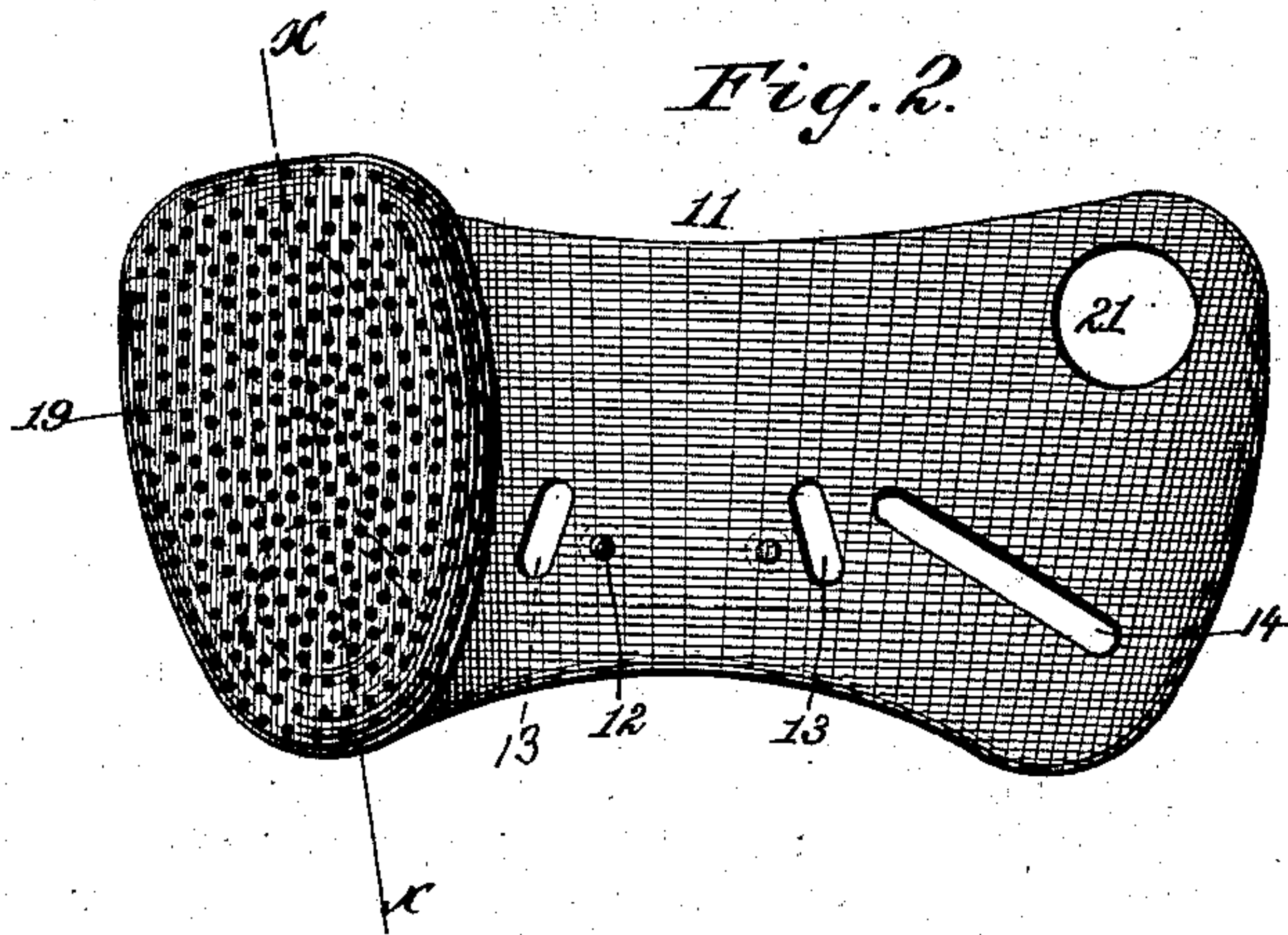
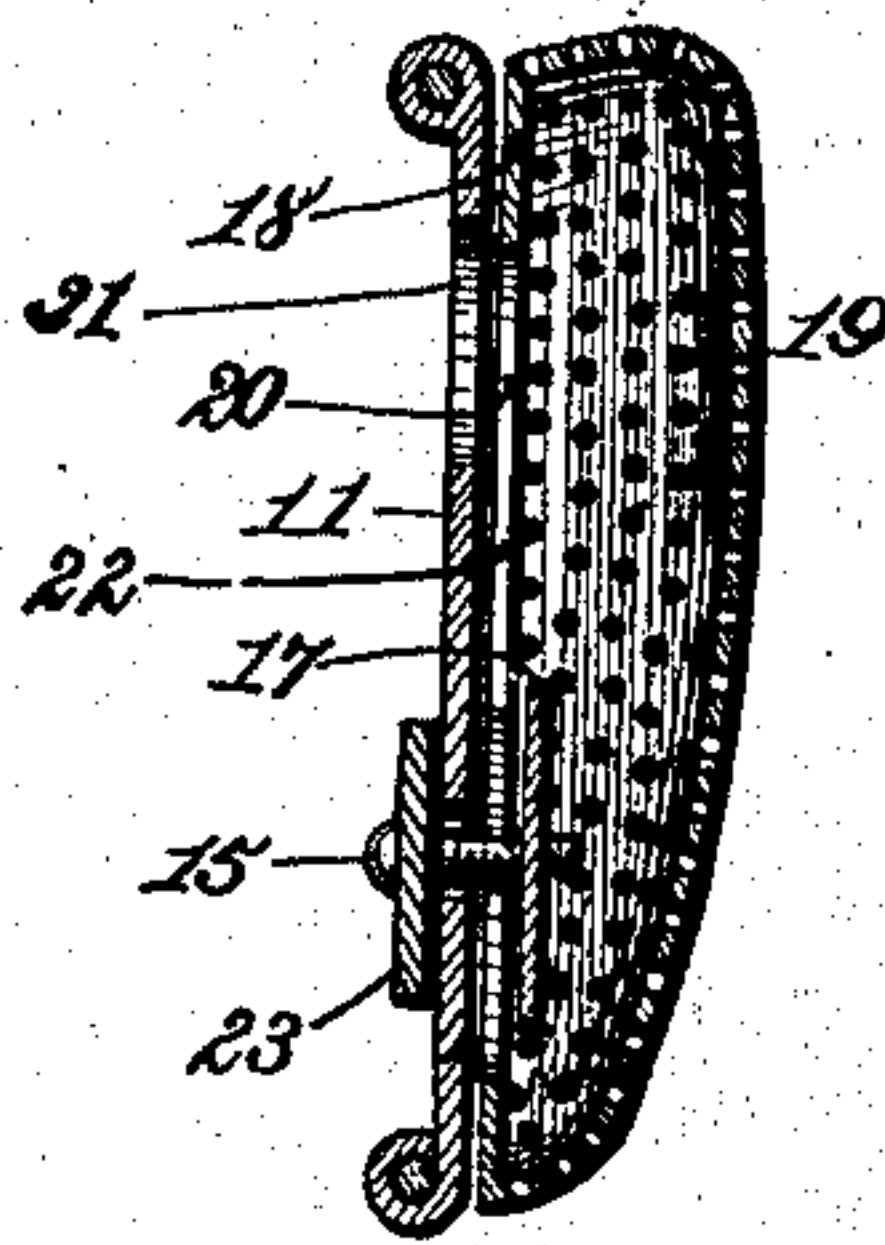


Fig. 3.



WITNESSES

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HERNIAL TRUSS.

SPECIFICATION forming part of Letters Patent No. 326,122, dated September 15, 1885.

Application filed February 12, 1885. (No model.)

To all whom it may concern:

Be it known that I, NATHANIEL JONES, a citizen of the United States, residing at Berkeley, in the county of Alameda and State of California, have invented certain new and useful Improvements in Hernial Trusses; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

My invention relates to improvements in Letters Patent for hernial trusses granted to me June 11, 1872, and November 22, 1877, and numbered 127,889 and 197,639, respectively.

My improvements consist in constructing the pad-plate with a suitable opening in connection with a corresponding opening in the pad, as will be hereinafter described, and particularly pointed out in the claim.

In the accompanying drawings, Figure 1 is a view in perspective of my improved pad. Fig. 2 is a front elevation of the truss-plate with one of the pads attached. Fig. 3 is a section of Fig. 2 in the line *x x*.

In the said drawings, the reference-numeral 1 denotes the abdominal belt, composed of any suitable textile material, and having upon each end straps 2 of elastic fabric, which are doubled upon themselves and confined by buckles 3, each strap being provided with a loop, 4, having an eye, 5, for a purpose presently to be described.

Near each lip portion of the belt, and lying nearly over the crest of the ilium, upon each side, are placed buckles 6, which receive the ends of straps 7, which latter are of such length that they may be brought over the sacrum, crossing each other between the thighs and carried up over the inguinal region upon each side. Each strap is provided upon its free end with a loop, 8, having a central bar, 9, and a T-head, 10, the bar 9 being bent sharply inward just below said head.

The truss-plate 11 is composed of a light sheet of metal of any suitable kind, which may,

if desired, be nickel-plated. It is broadened at the ends to give the necessary support to the pads, and somewhat curved in the middle to accommodate itself. This plate is rolled and wired upon the edge to increase its strength and give the greatest possible rigidity with the minimum weight, and also to prevent the rubbing of the skin.

Near the central portion of the plate and below the median horizontal line are placed two rigid studs, 12, having flat heads. These studs receive the eyes 5 formed in the loops 4. Outside these studs are formed short slots 13, nearly vertical, which receive the T-heads carried by straps 7. By these means the truss-plate is supported in place, and as the straps 2 and 7 are adjustable by means of buckles 3 and 6, the plate may readily be adapted to a person of any form or size.

Near the ends of the truss-plate are formed slots 14, which incline from a point a little below the horizontal median line downward toward the lower rounded curves of the plate.

The pads, which are formed as hereinafter described, lie against the inner face of the plate, and are adjustably fastened together by means of a screw or screws, 15, which pass through said slot, and are received by a nut, 17, which lies beneath a slotted plate, 18, forming the back of the pad. The slot in said plate lies substantially at right angles with the line of the slot 14, whereby, by simply loosening the screws, the pad may be adjusted upon the truss-plate in four different directions.

Each pad 19 is composed of a perforated metallic plate struck by a die into the required shape, and having a back plate, 18, attached thereto. This plate is provided near one end with a large circular opening, 20, which registers or communicates with a similar opening, 21, in the truss-plate, thereby permitting the insertion into the pad and removal therefrom of a sponge or other suitable material saturated with any astringent lotion without detaching the truss from the body of the wearer, as well as giving perfect ventilation and avoiding the evils and inconvenience resulting from an unventilated pad when drenched with perspiration.

A broad slot, 22, opens from the aperture 20 and extends toward the end of the plate.

Having described my invention, what I claim is—

- 5 As an improved article of manufacture, a truss-plate having in its upper corner or corners a circular opening, and a perforated pad having a corresponding opening secured in contact with the opening of the plate by means

of screws connecting a nut and washer of the plate and pad, as shown and described, and for the purpose set forth.

In testimony whereof I affix my signature in presence of two witnesses.

NATHANIEL JONES.

Witnesses:

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