

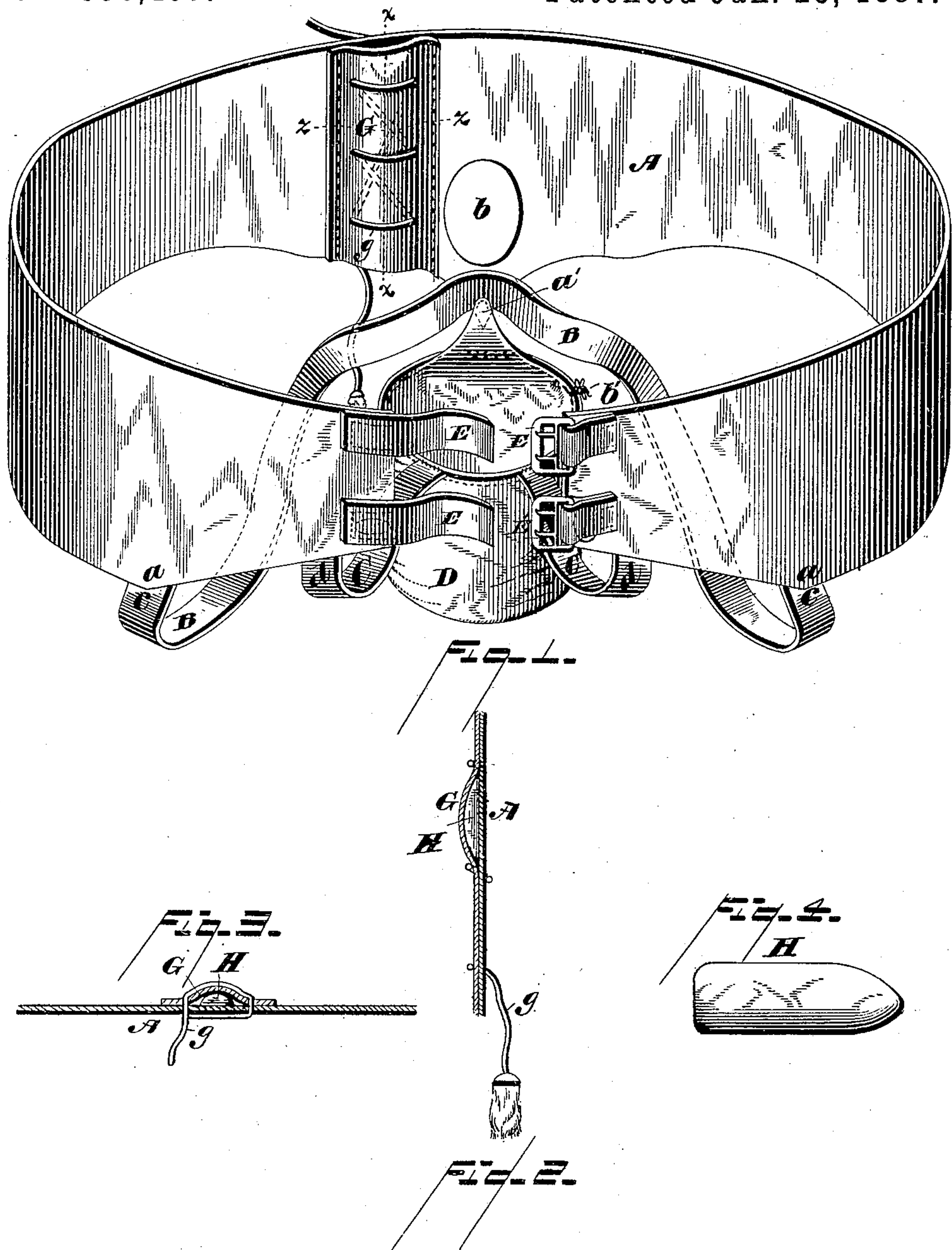
(No Model.)

J. PATTEN.

COMBINED SUSPENSORY BANDAGE AND TRUSS.

No. 356,497.

Patented Jan. 25, 1887.



Witnesses:

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UNITED STATES PATENT OFFICE.

JOHANNA PATTEN, OF CROWN POINT, INDIANA.

COMBINED SUSPENSORY-BANDAGE AND TRUSS.

SPECIFICATION forming part of Letters Patent No. 356,497, dated January 25, 1887.

Application filed October 19, 1886. Serial No. 216,676. (No model.)

To all whom it may concern:

Be it known that I, JOHANNA PATTEN, a citizen of the United States, residing at Crown Point, in the county of Lake and State of Indiana, have invented certain new and useful Improvements in a Combined Truss and Suspensory-Bandage; 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.

This improvement relates to an improved scrotal bandage and truss-pad which is especially designed for the reduction of scrotal hernia, whether complete or incomplete; and my object is to support the testicle, and at the same time afford an adjustable compress over the external abdominal ring, by means which will be fully understood from the following description, when taken in connection with the annexed drawings, in which—

Figure 1 is a perspective view of the improved bandage with its suspensory-sack, elastic straps, the back fastenings, and the truss-pad pocket. Fig. 2 is a section taken vertically through the bandage in the plane indicated by dotted lines *x x* on Fig. 1, showing the truss-pad and its retaining-string. Fig. 3 is a horizontal section through Fig. 2 in the plane indicated by dotted line *y y*. Fig. 4 is a view of the convex side of the truss-pad.

Referring to the annexed drawings by letter, A designates a bandage of cloth, which is cut to comfortably fit over the abdomen and the hips, and provided at its ends with back straps and buckles, E E', for fastening it about the body. This bandage is provided with an aperture, *b*, for the passage of the penis, and it is also provided with elastic straps B C C. The strap B is securely fastened by its ends to the lower edge of the bandage at *c c*, and also at the front lower angle, *a*, of the bandage, so as to form two loops, adapted to form, in combination with the lower edge of the bandage between *a* and *c c*, passages to receive the thighs. The upper ends of the elastic straps C C are

secured to the lower edge of the bandage A at points *d d*, posterior to the points *c c*, and the lower ends of these straps C C are secured to the upper open end of the testicle-suspensory sack D, at the rear part thereof. These two back straps cross the buttocks.

The sack D may be made of any light network, and its upper edge is provided with a hem, in which is an elastic draw-string, *b'*, for adjusting this sack to the neck of the testicle. The front part of the sack is attached at *a'* to the bandage.

It will thus be seen that the sack D is well adapted to sustain the scrotum and the protrusion of the gut, if it be a case of complete protrusion. At the same time the bandage and its elastic straps retain the parts firmly but comfortably in place. On one side of the penis-aperture *b* is a vertical pocket, G, formed by stitching a piece of cloth on the back of the bandage A, leaving the upper end of the pocket open and closing the lower end. In this pocket is put an elongated convex plano-pad, H, which may be made of wood, vulcanized rubber, or other suitable substance. The object of the pad is to afford a compress directly over the external abdominal ring when protrusion is not complete, or, after reduction by taxis, to prevent a recurrence of the protrusion. For the purpose of retaining the pad at the proper point I employ a lacing-cord, *g*, applied as shown in Figs. 1 and 2, which crosses the pad above and below its extremities, and prevents displacement. By untying the cord and loosening it the pad H can be adjusted up and down, as may be required, and secured at the point desired.

It is obvious that my improvements may be applied to a double truss, although I have not so described it.

Having described my invention, what I claim is—

1. The combination of the abdominal bandage formed to fit the abdomen, the hips, and the back, and having a front aperture and back fastening, the elastic thigh-strap attached to the lower edge of the bandage at the back and front, the elastic buttock-straps attached to the back of the bandage and to the back of

the scrotal sack, and the scrotal sack attached to the lower front edge of the bandage and provided around its upper end with an elastic draw-string, all substantially as described.

- 5 2. The pocket G, provided with a lacing-string, and adapted to receive the pad H, in combination with the bandage, its fastenings

and straps, and the scrotal sack, substantially as specified.

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

Witnesses: JOHANNA PATTEN.

WALTER L. ALLMAN,

WM. T. HOSINE.