128. SURGERY.

160

(No Model.)

J. HOLMES.

KNITTED SUPPORTER.

No. 416,615. Patented Dec. 3, 1889.

Fig: 1.

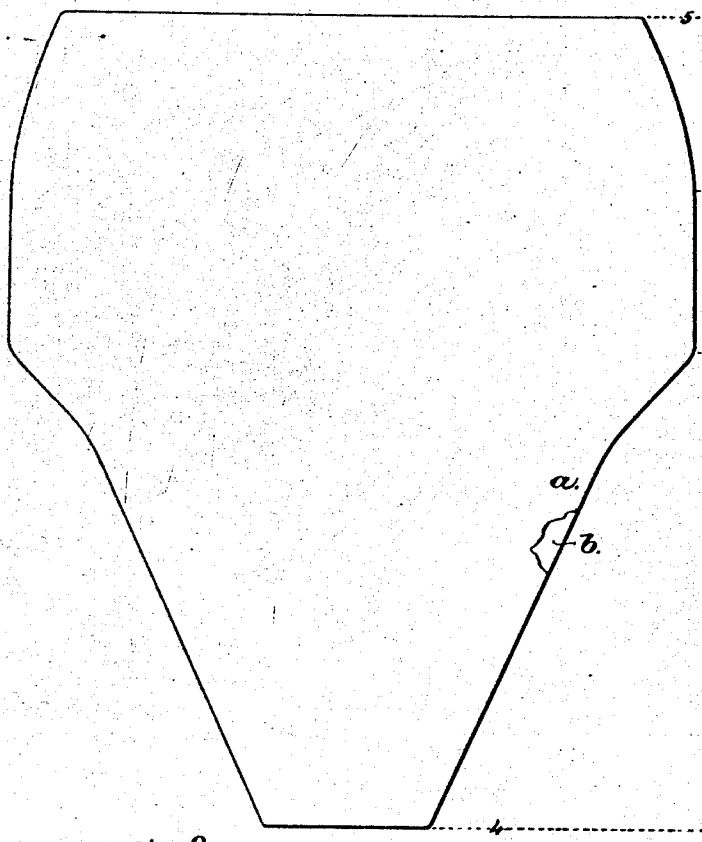


Fig: 2.

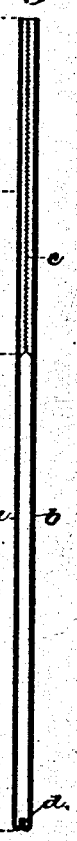


Fig: 3.

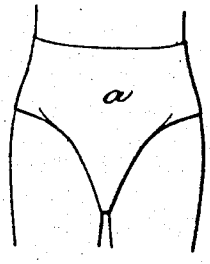
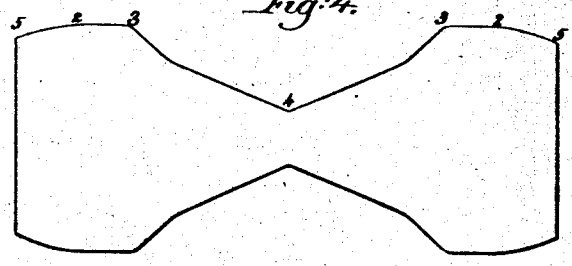


Fig: 4.



Witnesses.
Frances C. Emery.
Fred. S. Greenleaf

Inventor.
John Holmes,
by Crosby & Gregory
Attys.

UNITED STATES PATENT OFFICE.

JOHN HOLMES, OF BOSTON, MASSACHUSETTS.

KNITTED SUPPORTER.

SPECIFICATION forming part of Letters Patent No. 416,615, dated December 3, 1889.

Application filed March 28, 1889. Serial No. 305,093. (No specimens.)

To all whom it may concern:

Be it known that I, JOHN HOLMES, of Boston, county of Suffolk, and State of Massachusetts, have invented an Improvement in Knitted Supporters, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

This invention has for its object the production of an improved supporter for bicycle-riders, base-ball players, and athletes.

Prior to my invention supporters have been made from cloth cut into different shapes, and elasticity has been given to such supporters by means of elastic cording, straps, &c.

In my efforts to provide a snug-fitting supporter having elasticity, so as fit the person snugly, I have produced a supporter composed of knitted fabric throughout, the said supporter having one end open to fit the body at the waist, and having below it tapering sections and two openings for the passage of the legs.

My invention therefore consists in a supporter composed of a knitted fabric, the supporter having a tubular body portion to embrace the hips, back, and abdomen, and having connected tapering selvage-edge tabs, which joined together are extended between the legs to form a supporter.

Figure 1, in elevation, represents a knitted supporter embodying my invention; Fig. 2, a right-hand edge view of the supporter shown in Fig. 1. Fig. 3, on a smaller scale, shows the supporter applied; and Fig. 4, on a reduced scale, shows the knitted web laid out flat or not joined at the sides of the hips, the part to extend between the legs being without seam.

My improved supporter is composed, as herein shown, of the front and back pieces *a b*, of knitted fabric. The pieces *a b*, shaped somewhat like a triangle, have, as shown, selvage edges, which for a part of their length are united by seams, as at *c*, and the narrow ends of the webs to extend between the legs are in Figs. 1 and 2 shown as seamed at *d*. These, like pieces of knitted goods sewed together, form a supporter having a tubular portion between the lines 5 and 3 to fit the hips snugly and extend across the back and abdomen. From the line 3 to the line 4 the fabric is of decreasing width, thus forming a narrow selvage-edged tab to pass between the legs, as shown in Fig. 3, the supporter being open at its edges from the line 3 substantially to the line 4 to leave holes for the legs.

The supporter from the line 2 to the line 5 is narrowed to embrace the upper part of the hips.

In case it were desired to do away with the seam *d*, the fabric constituting one-half of the supporter might be started, say, at the end 5, on a flat-bed knitting-machine and be widened to the line 2, then knit of substantially the same width from 2 to 3, and thereafter narrowed to the point 4, the narrowest course, and then gradually widen the fabric to the line 3, then knit of substantially the same width to the line 2, and then narrow from 2 to 5, making a seamless blank of the shape shown in Fig. 4, which, when seamed together from 3 to 5, forms a supporter like that shown in Fig. 3.

The knitted fabric is of the class known as "ribbed."

I claim—

The herein-described supporter, consisting of a ribbed knitted body portion fashioned and united to fit the hips, back, and abdomen, and tab portions narrowed from the hips downwardly to form a portion to pass between the legs and having selvage edges, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOHN HOLMES.

Witnesses:

GEO. W. GREGORY,

FREDERICK L. EMERY.