

(No Model.)

A. V. ROBINSON.

CATAMENIAL SACK.

No. 366,256.

Patented July 12, 1887.

Fig. 1.

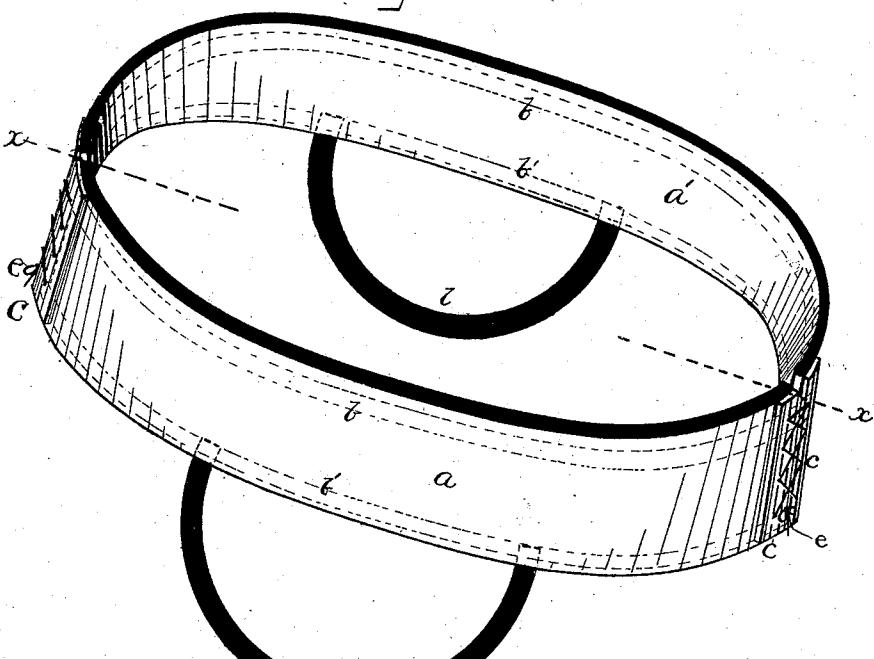
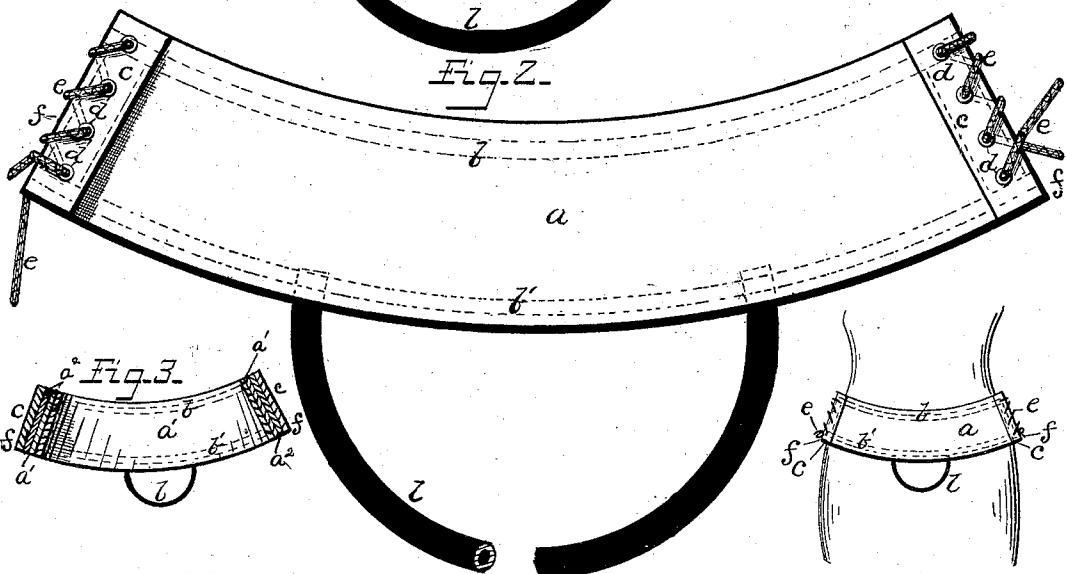


Fig. 2.



WITNESSES

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# UNITED STATES PATENT OFFICE.

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## CATAMENIAL SACK.

SPECIFICATION forming part of Letters Patent No. 366,256, dated July 12, 1887.

Application filed May 16, 1887. Serial No. 238,369. (No model.)

To all whom it may concern:

Be it known that I, AURIE VALON ROBINSON, a citizen of the United States, residing at Fort Ann, in the county of Washington and State of New York, have invented certain new and useful Improvements in Bands for Supporting the Absorptive Cloth or Pad of Women during the Menstrual Period; and I do hereby 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.

My invention is an improvement in catamenial bands; and my said invention consists in certain details of construction of the same, as and for the purposes hereinafter more fully described, and pointed out in the claim.

The object of this invention is to construct the band used by women during the menstrual period as to so support the absorptive pad or cloth that it will adapt itself to the form, be easy and comfortable to the wearer without cutting or pulling upon the hips, and at the same time permit the body to assume various positions without strain or annoyance. To accomplish this I proceed as follows, reference now being had to the accompanying drawings for a better understanding of the details of construction, and in which drawings—

Figure 1 represents a view in perspective of a catamenial band constructed according to my invention; Fig. 2, a view in elevation of one of the half-sections composing the same, and Fig. 3 is a transverse section on the line  $xx$  of Fig. 1. Fig. 4 illustrates the position of the band upon the hips of the wearer, and Fig. 5 is a view in section of one of the ends of one of the curved sections of the band.

This band is composed of two half-sections,  $a$   $a'$ , of equal length and width, and of curved form, or the segment of a circle, as shown in Fig. 2. Each of these segments  $a$  and  $a'$  is composed of two or more thicknesses of cloth, webbing, or other suitable material of an elastic nature, as at  $a$   $a'$ , Figs. 3 and 4, secured together by rows of stitching, as at  $b$   $b'$ , along the top and bottom edge thereof, and the ends of each section are re-enforced or bound by a piece of thin leather or stout material, which incloses said ends, as at  $c$ , Fig. 5, and is secured

in position upon said bands by stitching, as at  $c'$ , and provided with a series of eyelets, as at  $d$ , through which passes an elastic cord or lacing,  $e$ , whereby the two sections composing the band are adjustably and elastically united together at their ends, as shown in Fig. 1.

As before stated, the material composing the band is cut upon a curve, or of the segment of a circle, and of two or more thicknesses, whose ends are made flaring, or to extend outward, as at  $f$ , Figs. 2 and 3, whereby the diameter of the band at its lower edge is greater than at the top, so that said band will adapt itself to the outline of the hips, as in Fig. 4, and thereby bear equally upon all its surface. All cutting by the edge thereof is therefore obviated, and when made of two thicknesses of material the inner one may be soft, so as not to irritate the flesh, while the outer thickness may be coarse and strong, so as to be durable. The elastic lacing at the sides provides a convenient means for adjusting the band to different sizes, and at the same time permits unrestrained freedom of motion of the wearer. Another and great advantage derived from the use of these elastic laces is, that the parts lie close and smooth, and without bulging and consequent pressure, as where straps and buckles are used for this purpose.

To each of the curved sections  $a$   $a'$  of the band is secured a large loop,  $l$ , for the attachment of the absorptive pad or cloth, which loop is composed of a piece of soft flexible rubber tubing, whose ends are secured between the layers of the band by the lower rows of stitching,  $b'$ , and these loops being in tubular form and very elastic permits any movement or position of the body, at the same time holding the absorptive cloth in place without any binding upon the hips or tightening of the cloth as to be uncomfortable. The tubular form of the loop also permits the ready adjustment of the cloth or napkin when desired, and said loops are made of sufficient length to extend well around the sides of the band, so that the pressure and weight is evenly divided, and is not brought directly over the pelvic region, as is usually the case with such appliances.

A band when constructed as herein described will be found to be absolutely comfortable,

convenient, and healthy, and it may be worn either over or underneath the underclothing, as desired.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is as follows, viz:

The supporting-band for catamenial or absorptive cloths or pads, composed of the two sections  $a a'$ , each made curved or of the section 10 of a circle, and of two or more thicknesses of material,  $a^2 a^3$ , of equal width from end to end, and with flaring ends  $f$ , having re-enforced

pieces  $c$ , supplied with eyelets  $d$ , and tubular rubber loops  $l$ , all united by top and bottom rows of stitching, as at  $b b'$ , and elastic lacing 15  $e e$ , passing through the eyelets  $d$ , and adjustably and flexibly uniting the two sections of the band together, as described, for the purposes specified.

AURIE VALON ROBINSON.

In presence of—

L. P. MILLER,  
V. M. JORDAN.