Oct. 13, 1936. E. F. POHL 2,057,206

HYGENIC CATAMENIAL TAMPON

Filed Oct. 31, 1933

Fig. 1.

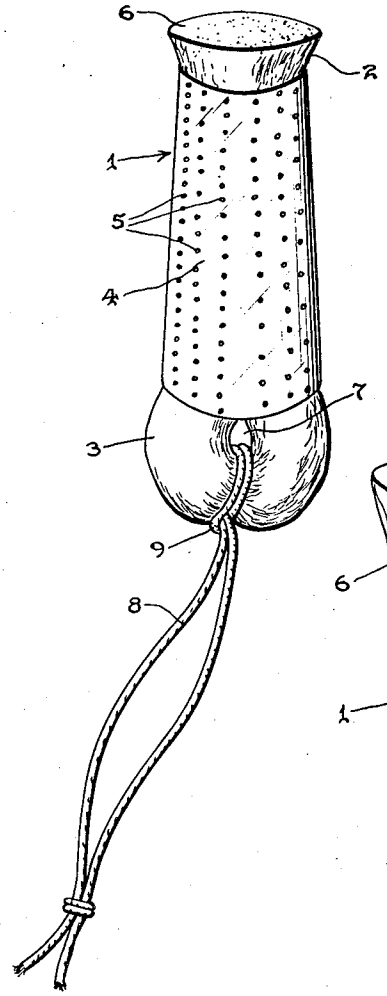


Fig. 2.

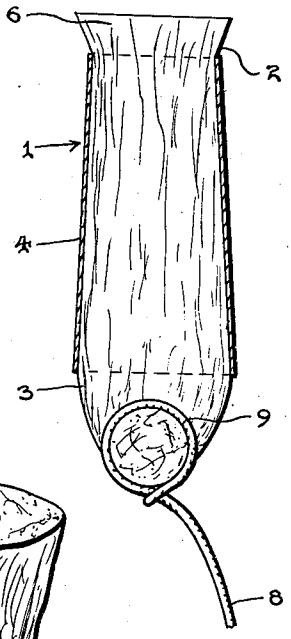


Fig. 4.

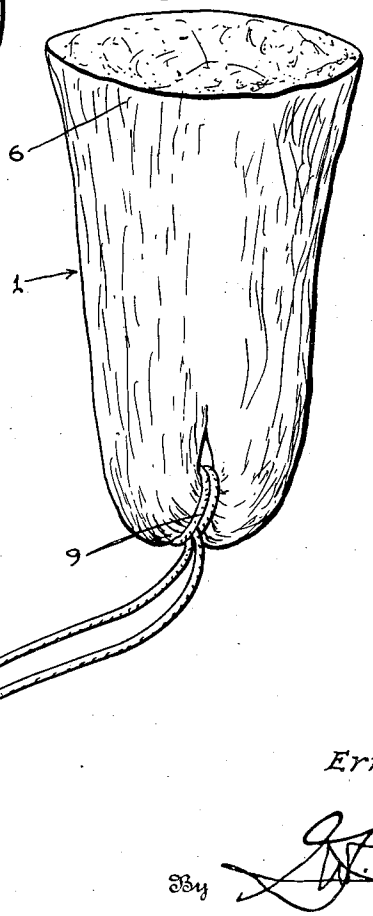
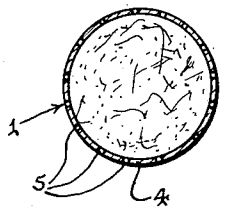


Fig. 3.



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UNITED STATES PATENT OFFICE

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HYGIENIC CATAMENIAL TAMPON

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Application October 31, 1933, Serial No. 696,047

1 Claim. (Cl. 128—285)

The invention relates to a hygienic catamenial tampon.

The object of the present invention is to provide a highly absorbent hygienic catamenial tampon of simple and inexpensive construction adapted to be easily applied and readily removed and disposed of, and which will be inconspicuous and easily carried.

A further object of the invention is to provide a hygienic catamenial tampon of absorbent spun cotton completely deodorized and antisepticized in manufacture and forming an efficient pack-plug for internal absorption, whereby greater convenience, comfort and freedom from the inconveniences and annoyance of previous methods are completely eliminated.

With these and other objects in view, the invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawing and pointed out in the claim hereto appended, it being understood that various changes in the form, proportion and minor details of construction, within the scope of the claim, may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawing:—

Figure 1 is a perspective view of a catamenial tampon constructed in accordance with this invention.

Fig. 2 is a longitudinal sectional view of the same.

Fig. 3 is a transverse sectional view.

Fig. 4 is a perspective view of the tampon showing approximately the shape of the same after the film has been dissolved in the use of the tampon.

In the accompanying drawing in which is illustrated the preferred embodiment of the invention, the hygienic catamenial tampon consists of a substantially cylindrical body 1 of absorbent spun cotton having a slight taper from the outer to the inner end provided at the inner end with a reversely tapered trunco-conical portion 2 and having an outer enlarged terminal portion or head 3 of greater diameter than the cylindrical body portion.

The body portion 1 which is circular in cross section is provided with a covering 4 consisting of a soluble film and provided at intervals with perforations 5. The film 4 may be made of any suitable material adapted to be dissolved by secretions and the perforations 5 of the film permit secretions or flow to be absorbed as the film is being dissolved.

When the film is dissolved the highly absorbent spun cotton is fully exposed and in practice, the tampon will be made of a size to approximately absorb two-thirds of a fluid ounce so that it may remain for a considerable period of time in use without necessitating any replacement.

The side faces of the tapered inner end portion 2 have a stiff texture to enable the tampon to be readily inserted in position. The end face 6 of the tapered end portion 2 is of greater diameter than the diameter of the adjacent end of the body portion and is soft and highly absorbent.

The outer enlarged terminal portion or head 3 is composed entirely of the soft absorbent spun cotton and it constitutes a tight closure portion and effectually eliminates any danger of leakage. The softness of the enlarged portion or head eliminates any danger of irritation and the enlarged portion or head besides forming a head or plug closure portion insures the retention of the tampon in proper position to accomplish its function. The absorbent cotton is doubled in the formation of the head and this doubling of the material forms an approximately centrally arranged opening 7.

The tampon is provided with a silk string 8 which is doubled to form a loop 9. The loop 9 is passed through the opening 7 and encircles the doubled portion of the material at the outer portion of the head 3. The two strands formed by doubling the string are passed through the loop 9 to secure the string to the head of the tampon and they extend beyond the tampon a sufficient distance to provide exterior means for the ready removal of the tampon. The string may, of course, be of any other desired material.

The completely deodorized antisepticized tampon of absorbent spun cotton is entirely safe and reliable owing to its particular construction as the more or less fluffy head insures the retention of the device and the complete elimination of any danger of leakage.

In practice, the tampon will be cellophane wrapped in order to insure its sanitary condition until used.

What is claimed is:

A catamenial tampon comprising a substantially cylindrical body portion of highly absorbent cotton for absorbing the catamenial flow and having an enlarged outer end portion forming a terminal head, said head being composed of soft cotton adapted to seat against the interior of the vagina and thereby forming a closure portion to prevent leakage and adapted to insure retention of the tampon, said cylindrical body being provided at its inner end with a tapered trunco-conical portion having a soft absorbent end face, and a string attached to said enlarged terminal head for withdrawal of the tampon.

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