

(No Model.)

S. C. DAYAN.

TAMPON.

No. 393,546.

Patented Nov. 27, 1888.

Fig. 1.

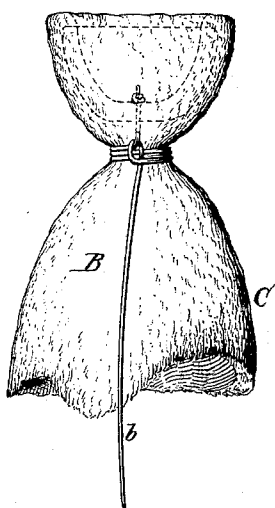


Fig. 2.

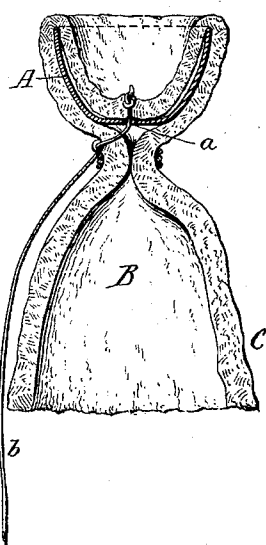


Fig. 5.

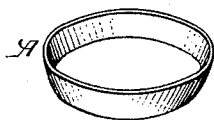
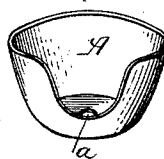


Fig. 3.



Fig. 4.



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SQUIRE C. DAYAN, OF SYRACUSE, NEW YORK, ASSIGNOR TO WILLIAM E. HOPKINS, OF SAME PLACE.

TAMPON.

SPECIFICATION forming part of Letters Patent No. 393,546, dated November 27, 1888.

Application filed February 9, 1887. Serial No. 227,039. (No model.)

To all whom it may concern:

Be it known that I, SQUIRE C. DAYAN, of the city of Syracuse, in the county of Onondaga and State of New York, have invented a new and useful Improvement in Uterine Tampons, of which the following is a specification.

This invention relates to a tampon designed for applying medications to the uterus or vagina, and has for its object to produce a simple device which can be produced at comparatively small expense, and which is well adapted to hold the required medication and to apply the same to the parts to be treated.

My invention consists of the improvements which will be hereinafter fully described, and pointed out in the claim.

In the accompanying drawings, Figure 1 is a side elevation of my improved uterine tampon. Fig. 2 is a sectional elevation of the same. Figs. 3, 4, and 5 are perspective views of the supporting-frame.

Like letters of reference refer to like parts in the several figures.

A represents the supporting-frame arranged in the upper portion of the tampon and adapted to surround or receive the neck of the uterus. This frame may have the form of a cup, as represented in Figs. 2 and 3, or it may have the form of a mutilated cup with a portion of its side wall removed when necessary to make room for an enlargement or malformation, as represented in Fig. 4, or it may be ring-shaped, as represented in Fig. 5, or it may be made of any other suitable shape. The frame A is preferably constructed of paper or paper-pulp; but it may be made of rubber, celluloid, metal, or any other suitable material which will retain its shape. The frame A is provided in its bottom with an opening, *a*, which permits the escape of any liquid discharge.

B represents an absorbent covering, which is applied to the inner and outer surfaces of the frame A and envelops the same. This covering may be constructed of absorbent cotton, lint, felt, sponge, or any other suitable material which will hold the medication whether in the form of a liquid or powder.

The covering B is secured to the frame A by means of a string or cord, *b*, which passes through the covering and the opening *a* in the frame, and which is wound around the covering below the frame, as represented in Fig. 2. The loose end of the string is long enough to be in easy reach for withdrawing the tampon, when required. The covering is preferably composed of a circular piece of the desired material and is secured to the frame by placing it over the latter and drawing the central portion of the covering into the cavity of the frame by means of the string *b*, which latter is provided with a knot, stop, or enlargement at its upper end, whereby the central portion of the covering is held down in the cavity of the frame and caused to conform to the same, as represented in Fig. 2.

The medication is placed in the depression or cavity formed in the upper portion of the tampon within the cavity of the frame and is brought in contact with the uterus upon inserting the tampon. The entire covering may, however, be saturated or impregnated with the medication, if desired. The loose or flexible portion C of the tampon which depends below the frame A is bent or otherwise arranged after the tampon has been inserted as may be necessary to hold the latter in place. The upper portion of the tampon has sufficient rigidity to form a cup or receptacle for the medication and to support the neck of the uterus, while the lower portion is soft and flexible, the whole device forming a very simple and convenient means of applying the desired remedial agent.

I claim as my invention—

In a uterine tampon, the combination, with a supporting-frame, of an absorbent covering enveloping the frame and provided with a loose flexible portion depending below the frame, substantially as set forth.

SQUIRE C. DAYAN.

Witnesses:

EDWARD WILHELM,
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