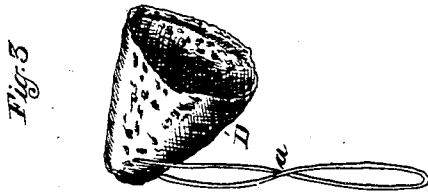
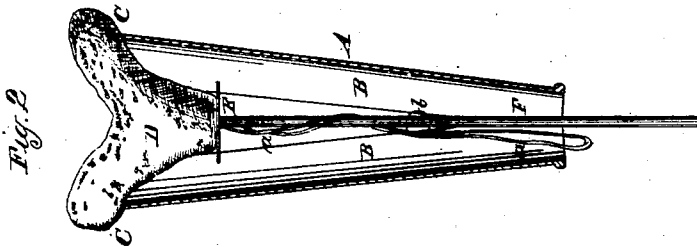
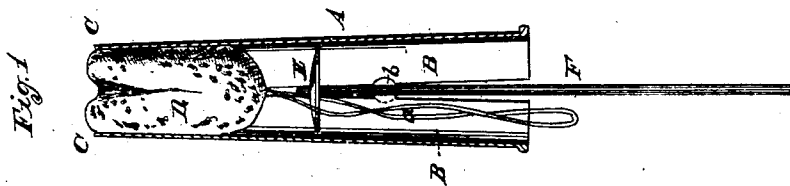


W. G. Grant,

Peppary,

No 61,417,

Patented Jan. 22, 1867.



Witnesses

Thos. Tusch

J. A. Service.

Inventor

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United States Patent Office.

W. G. GRANT, OF WAKEMAN, OHIO.

Letters Patent No. 61,417, dated January 22, 1867.

IMPROVEMENT IN DIRECTORS FOR UTERINE SUPPORT.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, W. G. GRANT, of Wakeman, in the county of Huron, and State of Ohio, have invented a new and improved Director; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

The present invention relates to a new and improved director for inserting a sponge, or other similar or other suitable pessary, into the vagina to act as a support to the mouth and neck of the uterus in cases of female weakness. By the use of the director embraced in this invention the pessary employed can be inserted without any irritation of the parts and with no difficulty whatsoever, and in such a manner as not only to place the pessary in the best possible position with regard to the mouth and neck of the uterus to which it is to act as a support, but to enable the said pessary to be worn with the utmost ease and comfort and to be withdrawn with facility, when so desired, for being cleansed and refilled or charged with the liquid, or other substance employed as the healing agent, without necessarily requiring the attendance of a physician. In the accompanying plate of drawings my improved director is illustrated—

Figure 1 being a central section through the director, in the direction of its length, showing it as closed upon the sponge, or other pessary used, in readiness for being passed through the mouth of the vagina to place the pessary against and about the mouth and neck of the uterus.

Figure 2, a similar section to fig. 1, but with the director opened so as to relieve its hold upon the pessary sponge after it has been inserted in the vagina and properly brought to bear upon the mouth and neck of the uterus, and thus allow it to be there deposited; and

Figure 3, a perspective view of the sponge pessary.

Similar letters of reference indicate corresponding parts.

A, in the drawings, represents my improved director formed in two parts or sections, B B, made of a similar and corresponding shape, both in cross-section and in the direction of their length, the two sections, when placed edge and edge together, forming a complete tube, or nearly so. The two sections B of the director are, at similar points of their edges, *a*, provided with ear-pieces, *b*, by which they are hung or pivoted together so that they can be opened and closed upon each other at their ends, C, as shown in fig. 2 of the drawings. D, the pessary used, which in the present instance is made of a sponge, but may be made of any other similar or suitable material or substance or substances. This pessary is placed in and between the two sections of the director, as shown in the drawings, by which it is held as such director is inserted in the vagina, (the two sections of the director then being closed or so held upon each other as shown in fig. 1.) when the said pessary having thus been brought to bear upon and against the mouth and neck of the uterus it is there lodged or deposited by pressing the then outer ends of the director-sections together, which, opening their inner ends, releases their hold upon the sponge pessary, setting it free therefrom and allowing the director to be withdrawn without the pessary. To facilitate the lodgment or deposit of the pessary against, as well also as to enable it to be placed to the best possible advantage with regard to, the mouth and neck of the uterus, I employ a pusher-plate or device, E, connected or fastened to a suitable stem or handle, F. This pusher E is of suitable shape to be moved or to play between the director-sections, in which, by being brought to bear upon the sponge pessary as the director-sections are opened, it can be made to force the sponge outward and against the mouth and neck of the uterus as desired, so that if the sponge used be made of a hollow conical shape, such as is illustrated in perspective view, fig. 3, of the drawings, it can be made to encircle or surround, or, in other words, to cap the neck of the uterus; a sponge pessary of this form being quite desirable and advantageous, as is apparent. For withdrawing the sponge pessary from the uterus, I employ a string or cord, *d*, which at one end is attached to it, its other extending outward through the mouth or opening of the vagina. Although I have herein particularly referred to a sponge pessary as employed, it is plainly obvious that other materials or substances may be used in its place, according to the nature of the complaint which it is intended to cure by the use of a pessary in the manner explained, and therefore I do not intend to limit myself to any one material for the pessary, nor to any one particular shape for the same, although the hollow conical or cap-shape I find to possess many superior advantages.

I claim as new, and desire to secure by Letters Patent—

The director A, made in two parts or sections B, and connected together substantially as and for the purpose specified.

I also claim the pusher E, in combination with the director A, substantially as described for the purpose set forth.

W. G. GRANT.

Witnesses:

ANDREW HARRIS,

E. J. BARNES.