

No. 897,050.

PATENTED AUG. 25, 1908.

G. BECK.
UTERINE SUPPORTER.
APPLICATION FILED JULY 16, 1907.

Fig. 1.

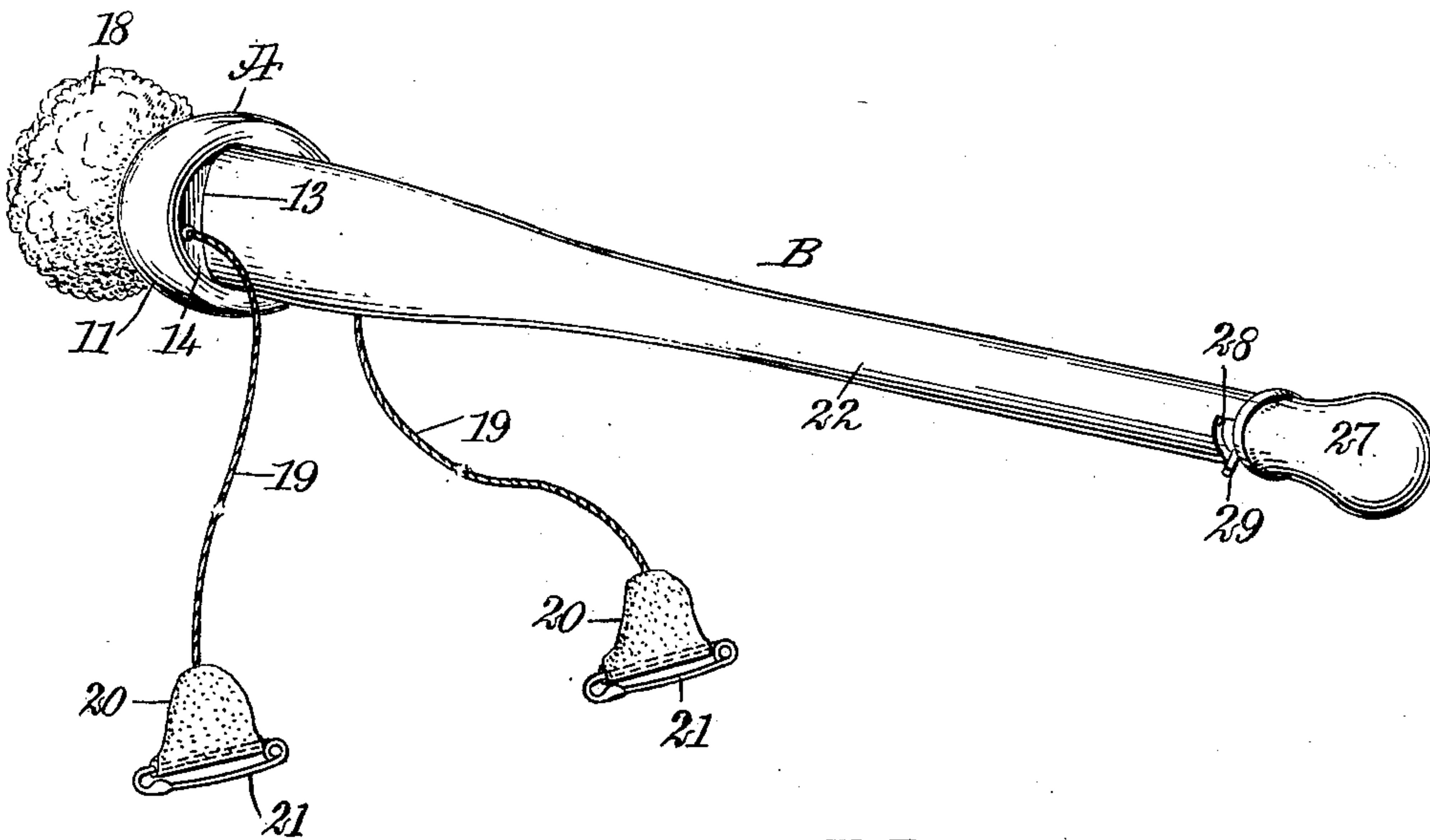


Fig. 2.

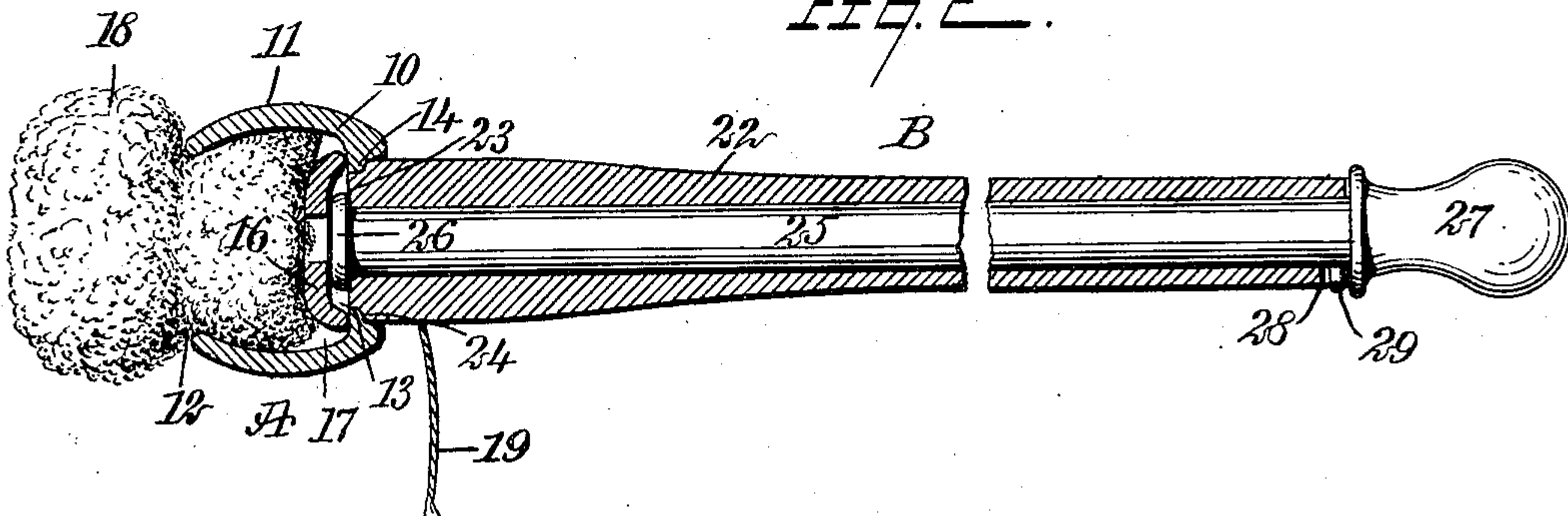
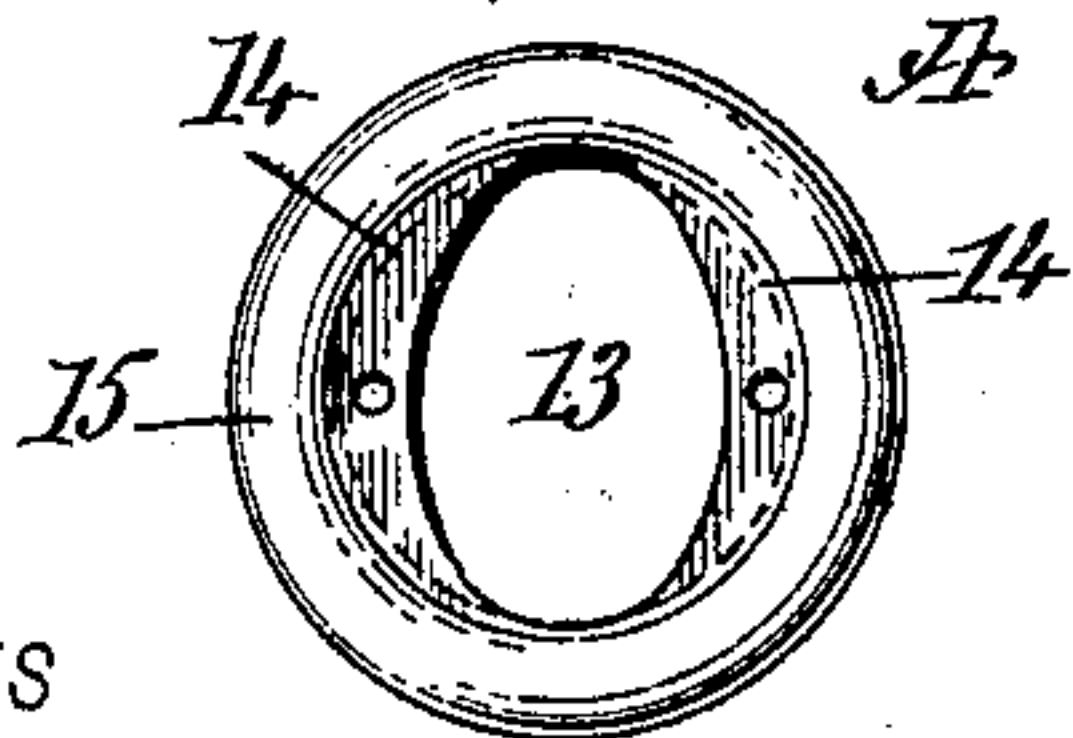


Fig. 3.

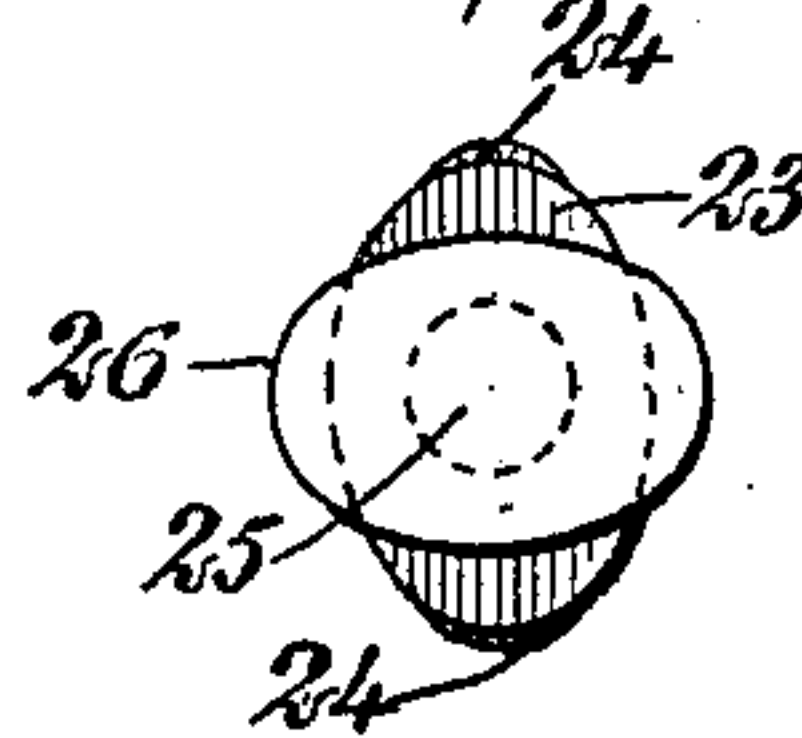


WITNESSES

A. Walker

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Fig. 4.



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UTERINE SUPPORTER.

No. 897,050.

Specification of Letters Patent.

Patented Aug. 25, 1908.

Application filed July 16, 1907. Serial No. 384,042.

To all whom it may concern:

Be it known that I, GOTTHOLD BECK, a citizen of the United States, and a resident of Jersey City, in the county of Hudson and State of New Jersey, have invented new and useful Improvements in Uterine Supporters, of which the following is a full, clear, and exact description.

The purpose of the invention is to provide means for introducing the device in the vagina in an expeditious and painless manner, which means can be conveniently manipulated by the patient; and also to provide means for preventing loss of the device should it possibly slip from the vagina, which latter means are also employed for removing the device when so desired.

A further purpose of the invention is to construct the device that all parts thereof may be readily changed and rendered antiseptic.

The invention consists in certain peculiarities of construction and combination of parts hereinafter particularly set forth.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of the device; Fig. 2 is a longitudinal section through the same; Fig. 3 is a bottom plan view of the ring body, and Fig. 4 is a plan view of the end of the handle that enters the ring body.

The body A of the device is in the form of a deep ring and its inner and outer walls 10 and 11 are of like formation, being carried from the bottom upward in direction of the center, whereby the outer or front portion of said body is of lesser diameter than its inner or bottom portion, as is shown in Fig. 2.

The body A is made of hard rubber finished smooth, its front edge is rounded and the front opening 12 is circular. The opening 13 in the bottom of the body is oval as is shown in Fig. 3, the material 14 around said opening 13 being depressed, and the bottom edge 15 of said body is rounded off to meet the said depressed wall 14 as is also illustrated in Fig. 3.

An apertured button 16, having a concaved under face, normally rests upon the bottom wall of the body chamber 17, and a sponge 18 or like soft absorbent material is forced into the body chamber 17 through its front opening 12 and sufficient of the sponge projects from the said chamber to form a

cushion and to cover the front edge of the body.

A cord or tape 19 is secured to the depressed bottom wall 14 at each side of the oval opening 13, and each cord or tape carries a fabric tab 20 and each tab is provided with a safety pin 21. The pins 21 are attached to the corset of the patient when the device is in place, thus preventing the device being lost should it accidentally be dislodged. The cords 19 also serve as means for withdrawing the device from the vagina.

A handle B is provided for the body A, for the purpose of placing it in position, enabling such operation to be readily performed by the patient and said handle is also made of hard rubber. The handle is an important feature of the invention and consists of a sleeve 22 of suitable length, mainly circular in cross section as is shown in Fig. 1, but its outer end 23 is enlarged and is rendered oval in cross section, being of such size that it can readily enter the oval opening 13 in the bottom of the body A, but the extent to which said end may be introduced into the body is limited by producing shoulders on the handle at said end 23, which shoulders 24 engage with the wall of said opening 13 as is shown in Fig. 2.

A spindle 25 is passed through the sleeve 22, and at the forward end of said spindle an oval button 26 is integrally formed, while at the rear end of the spindle, a knob 27 is screwed or is otherwise removably connected with the spindle. A circumferential slot 28 is made in the sleeve 22 at its rear end, and a pin 29 attached to the spindle 25, is passed out through said slot, which latter is of sufficient length to permit the spindle being given only a quarter turn. All parts of the handle are made of hard rubber, since no screws, nails or metal parts are employed. The button 26 is made small enough to pass through the opening 13 in the body when the button is in registry with the end 23 of the sleeve 22. When the handle is properly fitted to the body, as is shown in Figs. 1 and 2, the button will have entered the chamber 17 of the body A, and by turning the knob 27 in one direction, the button will be brought crosswise the opening 13 in engagement with the inner face of the bottom wall 14 of said body, and as the button 26 of the handle is thus turned, the button 16 in the chamber 17 is forced outward. In this manner, the handle is secured to the body enabling the latter to be

readily introduced into the vagina by an attendant or by the patient. After the body A is in place, the spindle 25 is turned in a reverse direction which will bring the button 5 26 of the handle in registry with the opening 13 in the body, enabling the handle to be removed from engagement with the body.

In operation, the sponge 18 is moistened with water or a medicated compound before 10 being inserted in the chamber 17 of the body A, the handle is attached to the body and the latter is pressed up the vagina until the patient feels pressure on the womb, then the handle is removed and the cords 19 are at- 15 tached to a convenient portion of the patient's clothing.

When the device is to be removed, it is simply necessary to draw downward upon the cords. Should the womb be very tender, 20 the sponge may be covered with a padding of any soft material.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

25 1. A removable handle for a uterine supporter, comprising a tubular body having one end adapted to engage the bottom of the supporter at an opening therein, and a han- 30 dled spindle mounted to turn in the body and provided at one end with a button adapted to enter the opening of the supporter and to engage the inner face of the bottom of said supporter to lock the handle thereto.

35 2. A removable handle for a uterine supporter, comprising a tubular body having an oval shaped end adapted to enter a correspondingly shaped opening in the bottom of the supporter, and a spindle mounted to turn

in the said body, said spindle being provided at one end with a handle and at its other end 40 with an oval shaped button adapted to enter the opening of the supporter and to engage the inner face of the bottom of said supporter to lock the handle thereto.

3. A removable handle for a uterine sup- 45 porter, comprising a tubular body having one end adapted to engage the bottom of the supporter at an opening therein, a spindle mounted to turn in the body and having a handle at one end and a button at the other 50 end, said button being adapted to engage the opening of the supporter and to engage the inner face of the bottom of the said supporter to lock the handle thereto, and means for limiting the movement of said spindle. 55

4. A removable handle for a uterine sup- 60 porter, comprising a sleeve having an oval shaped end adapted to enter a correspondingly shaped opening in the bottom of the supporter and provided at its other end with 65 a circumferential slot, and a spindle mounted to turn in the sleeve and projecting beyond the ends of the same, said spindle being provided at one end with a handle and a pin working in the slot of the sleeve and at its 70 other end with an oval shaped button adapted to enter the opening of the supporter to engage the inner face of the bottom of said supporter.

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

GOTTHOLD BECK.

Witnesses:

RUDOLF KELM,
GEORGE SCHAEFER, Jr.