

J. W. DAWSON.
Pessary.

No. 205,363.

Patented June 25, 1878.

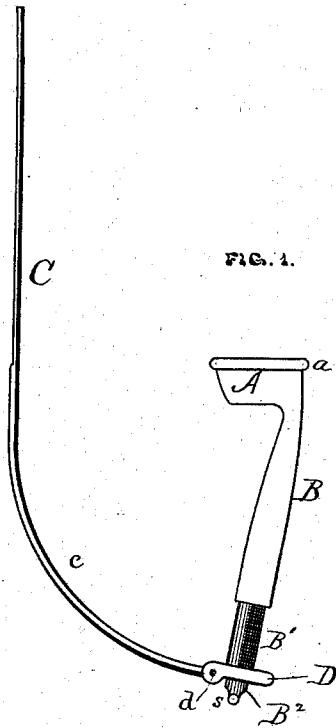


FIG. 1.

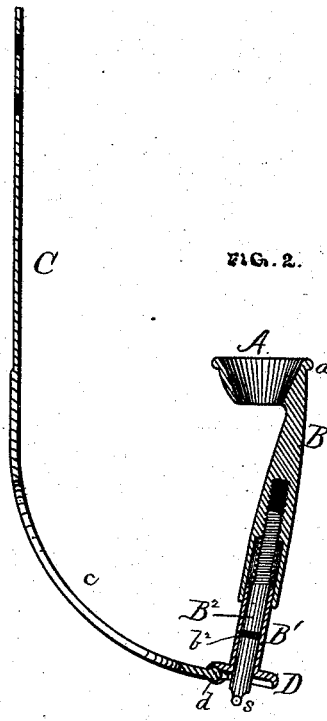


FIG. 2.

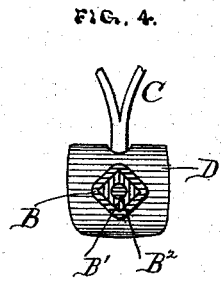


FIG. 4.

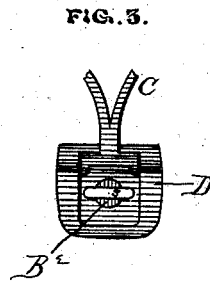


FIG. 5.

WITNESSES:

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UNITED STATES PATENT OFFICE.

JAMES W. DAWSON, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN PESSARIES.

Specification forming part of Letters Patent No. 205,363, dated June 25, 1878; application filed February 23, 1878.

To all whom it may concern:

Be it known that I, JAMES W. DAWSON, of Chicago, in the county of Cook and State of Illinois, have invented certain Improvements in Uterine Supporters, of which the following is a specification:

My improved supporter belongs to the class wherein the cervix-cup is supported by a stem and a spring-connection to which the stem is hinged, and which reaches to the neighborhood of the abdomen, and is there held by proper straps or other sustaining devices. It also belongs to the class wherein the cervix-cup is adjustable upon its supporting-stem, so as to adapt it for use with different persons.

Its nature will be fully understood from the description given below, when considered in connection with the drawing which accompanies and forms a part of this specification.

In said drawing, Figure 1 is a side view, and Fig. 2 a central vertical section, of my improved pessary. Fig. 3 is a bottom, and Fig. 4 a top, view of the base of a stem, showing a part of the invention.

Like letters indicate like parts in all the figures in which they appear.

In said drawing, A represents the cup-shaped supporter for the cervix uteri. To increase the surface which supports the parts, a slight roll is given to the upper rim of the cup, as at *a*.

The cup is supported by a stem composed of the part B, of one piece with the cup and hollow in its lower portion, and the part B¹, which fits into the hollow in the part B. The part B¹ is also hollow through its entire length to afford a bearing and cover for a screw, B², which enters the threaded portion of the cavity in the part B, as fully appears in Fig. 2. The screw is held in the part B¹ by a bead, *b*², upon its plain surface, entering a corresponding groove provided in the sleeve part B¹. This bead and its corresponding groove may be placed, if desired, at any other point within the limits of the sleeve. This construction of the parts B, B¹, and B² permits the ready adjustment of the cup at different heights without removing them by simply turning the screw B², as will be readily understood. A thumb-piece, *s*, is provided upon the lower end of the screw to facilitate this operation.

The spring or bow C, which forms the connection between the supporting-band at the abdomen and the pessary proper, is of the ordinary construction, and divided or open at the point of the bend *c*. The hinge between this spring and the stem of the pessary is at *d*, which, as will be observed, is under the broad base D, provided upon the extremity of the part B¹. My object in making this base thus large is so that it may entirely cover both the hinge and the screw, and thus prevent rupture to the flesh by contact therewith.

Another feature of my invention has for its object the prevention of any turning of the cup after insertion, to which it is very liable in supporters which are adjusted by means of a screw. This is a serious evil, as the cup may become turned so as to incline the wrong way; and in that class of supporters wherein the male part of the screw is upon the surface of the standard, corresponding in other supporters to the part B¹ in my invention, this result is of frequent occurrence. To obviate it, I construct the part B¹ and the hollow of the part B, wherein the part B¹ slides, of angular form. Of course this precise form may be changed, and any other which will prevent the turning of one part upon the other substituted for it.

I claim as my invention—

1. The extension-stem composed of the part B, having the partially-threaded recess, the sleeve B¹ entering the recess, and the screw B² held within the sleeve and engaging the threaded portion of the recess in the part B, substantially as specified.
2. The enlarged base of the stem, in combination with the hinge-joint between the spring and stem placed under the base, substantially as set forth.
3. The uterine supporter wherein the cervix-cup is adjustable upon a stem, upon which it is prevented from turning by giving the telescoping parts the angular or equivalent form, substantially as set forth.

JAMES W. DAWSON.

Witnesses:

EDW. S. EVARTS,
FORDE R. SMITH.