

R. H. KLINE.
Medicated Ring Pessary.

No. 196,979.

Patented Nov. 13, 1877.

FIG. 1

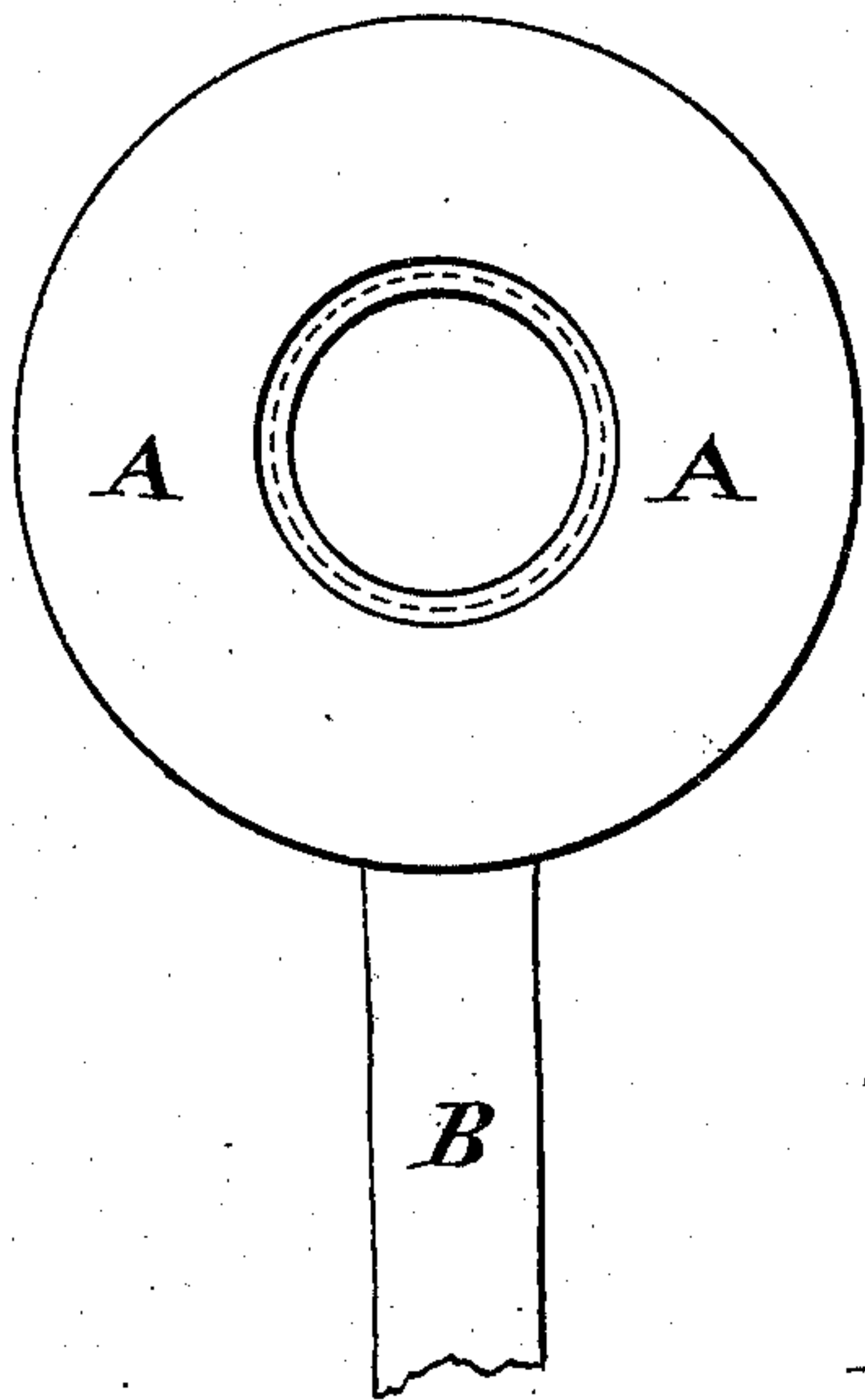


FIG. 2

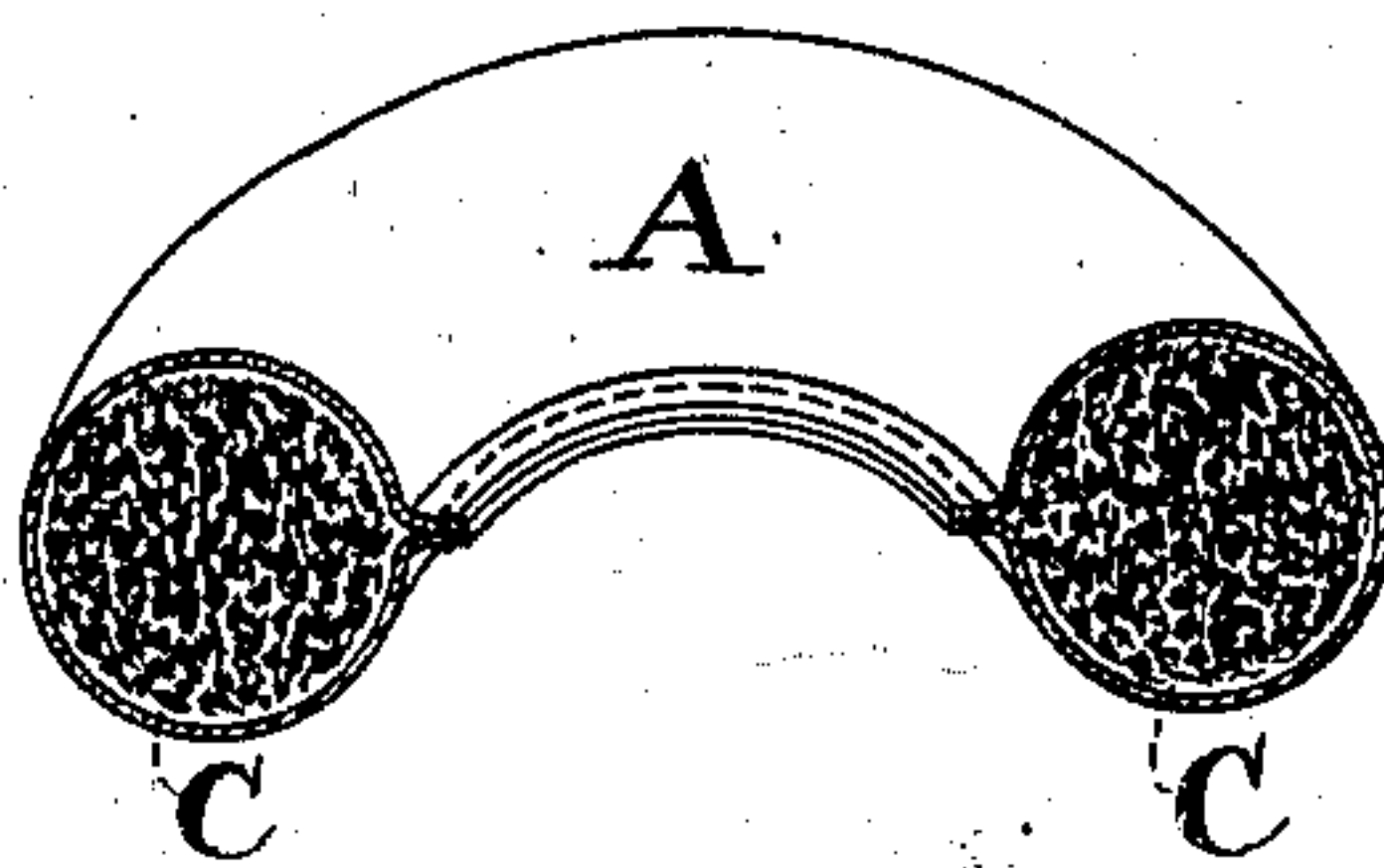
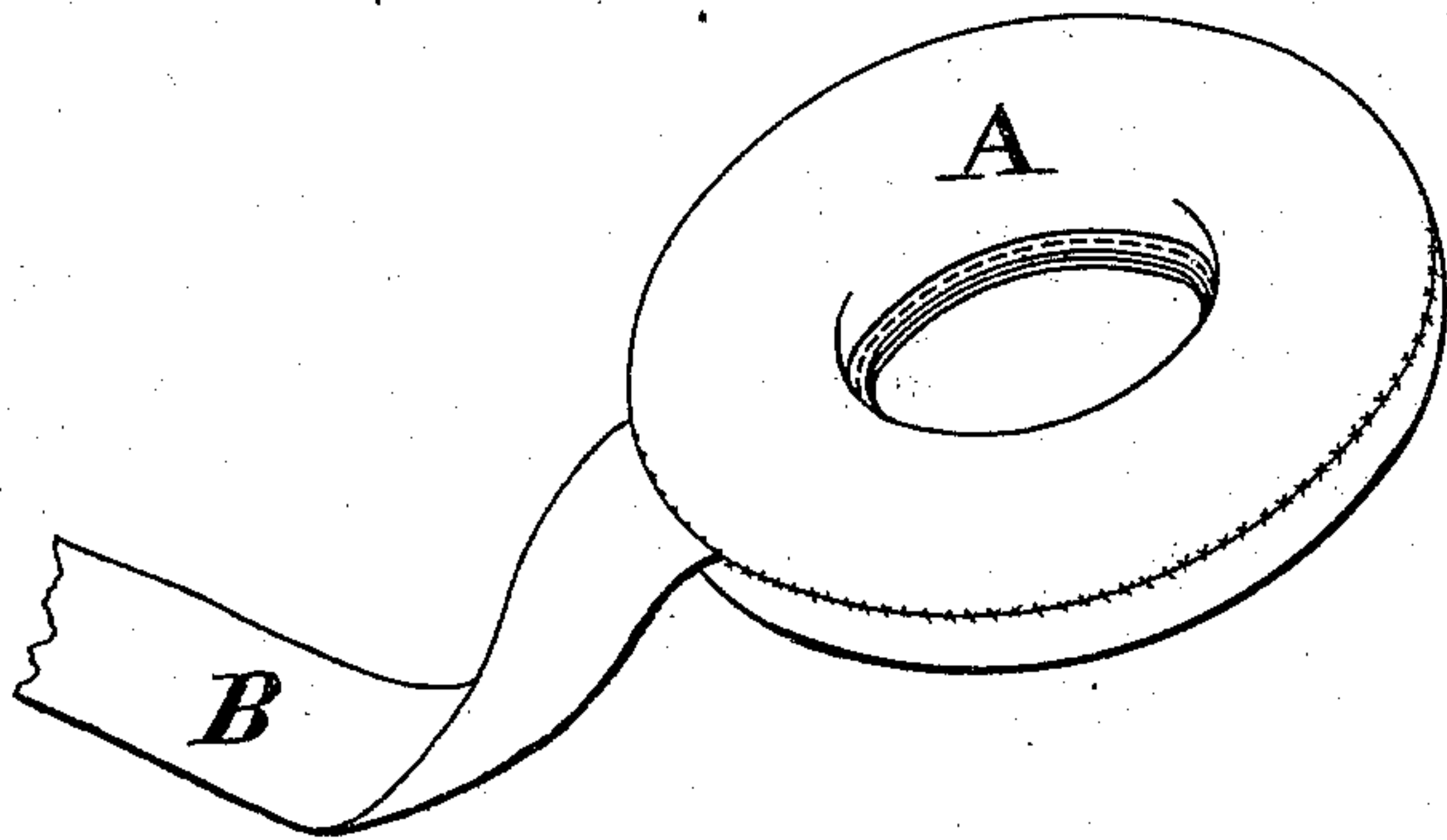


FIG. 3



—WITNESSES—

Isaac K. Smith
Archibald Sterling

—INVENTOR—

Robert H. Kline M.D.
By Joseph J. Stewart atty

UNITED STATES PATENT OFFICE.

ROBERT H. KLINE, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN MEDICATED RING-PESSARIES.

Specification forming part of Letters Patent No. **196,979**, dated November 13, 1877; application filed October 12, 1877.

To all whom it may concern:

Be it known that I, ROBERT H. KLINE, M. D., of the city of Philadelphia, in the State of Pennsylvania, have invented a new and useful Improvement in Medicated Ring-Pessaries, which improvement is fully set forth in the following specification and accompanying drawings, of which—

Figure 1 is a plan view of my ring-pessary before being filled. Fig. 2 is a transverse horizontal section of my ring-pessary when filled; and Fig. 3, a perspective view of my improved medicated ring-pessary.

The object of my invention is to furnish a device for the cure of prolapsus uteri and vaginal diseases, combining medicinal virtues with mechanical properties, and avoiding the baneful effects resulting from the use of the hard pessaries generally employed for such purposes.

It consists of a bag or sack made of linen, muslin, woolen, or other textile fabric, and filled with a medicinal compound, so as to form a compact but pliable ring, capable of supporting a falling womb and imparting strength and tone to the vaginal walls without suppressing natural discharges. The medicated ingredients with which said pessary is filled are so arranged as to supply the space lost by waste in their gradual absorption, thus keeping the original shape and compactness of the sachet for a considerable period.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the accompanying drawings.

Take of muslin or linen a piece or pieces of proper dimensions, from which cut out, in circular or ring form, the two sides of a ring-shaped pessary, or small bag, and fasten the edges together firmly by sewing, in such manner that the seams will be inside the pessary, when filled, so as to leave no rough edges to plague the patient.

A plan view of my pessary so constructed is shown by Fig. 1, of which A A represent the circular pessary, and B a tape attachment thereto, which is securely fastened at one edge thereof, for the more easy withdrawing of the

same when in use. Into this bag A A stuff tightly the proper remedial agents, in granulated or powdered form, consisting of roots, barks, herbs, chemical salts, and other medicaments, mingled with small pieces of sponge, previously saturated with medicinal tinctures or extracts, and then dried, holding the same to be afterward given out when moistened; said sponges, also, by absorption of moisture, assisting to keep up the original form and compactness of the pessary in its hold upon the walls of the vagina and its support of the uterus. A transverse horizontal section of my pessary, thus filled, is shown in Fig. 2, in which A is the pessary, and C C the contents, or medicated compound filling the same.

Fig. 3 is a perspective view of my pessary when filled and ready for use.

The advantages of my medicated pessary over the pessaries now generally used for the purpose it is intended to be applied to, are compressibility, which renders it much easier of introduction into the vagina, and less liable to exert undue pressure upon the neck of the bladder or upon the bowels; pliability, rendering its adaptation to the parts more secure, while it avoids the irritation, pain, and, not unfrequently, inflammation, caused by the application of hard and unyielding pessaries; medicinal action, caused by the outgiving of the medicinal virtues of the contents of the pessary by gradual dissolution, thereby imparting health, strength, and energy to debilitated parts; non-interference with menstrual and other discharges, and greater ease of management, because of its general construction and tape attachment.

I am aware that medicated pessaries have before been used by the medical profession; but, so far as I am aware, only as a temporary expedient, in the nature of a poultice, to allay irritation and act astringently upon the vagina after operations or the use of pessaries; but never, so far as I am aware, in form and substance like, or for the same object as, that I have hereinbefore described.

Made by female patients or their nurses, under the physician's direction, these pessaries, without specific form, have only been capable of use during periods of repose, when they

have been applied to heal the damage done by other appliances, but have never been used, as my invention is intended to be, as a substitute for the pessary, as both a surgical and medical instrument.

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

A ring-pessary made of fibrous material, filled with medically-saturated sponge and other medicaments, substantially as set forth and described.

ROBERT H. KLINE.

Witnesses:

JOHN QUINCY HUNSICKER,
HENRY K. BOYER.