

(No Model.)

T. H. MADDUX.
VAGINAL SYRINGE.

No. 485,107.

Patented Oct. 25, 1892.

Fig. 1.

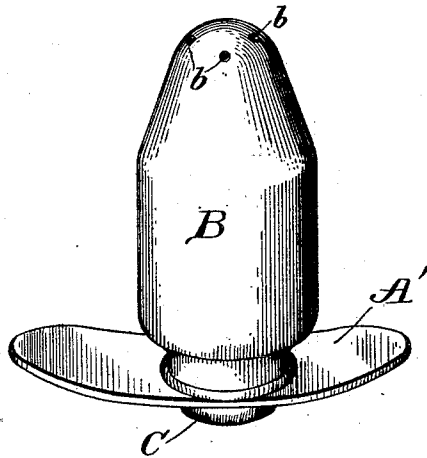
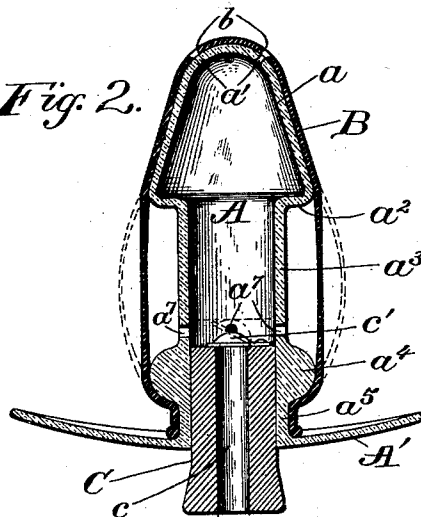


Fig. 2.



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UNITED STATES PATENT OFFICE.

THOMAS H. MADDUX, OF BAKER, LOUISIANA.

VAGINAL SYRINGE.

SPECIFICATION forming part of Letters Patent No. 485,107, dated October 25, 1892.

Application filed April 7, 1892. Serial No. 428,227. (No model.)

To all whom it may concern:

Be it known that I, THOMAS H. MADDUX, a citizen of the United States, residing at Baker, in the parish of East Baton Rouge and State of Louisiana, have invented certain new and useful Improvements in Vaginal Syringes; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to an improvement in syringes to close hermetically the vaginal canal; and it consists of the certain novel features hereinafter described and claimed.

Reference is had to the accompanying drawings, wherein the same parts are indicated by the same letters.

Figure 1 represents a perspective view of the device, and Fig. 2 represents a central longitudinal section of the same.

A represents a glass tube having a rounded tapering head a , with a number of holes a' , preferably four, and a shoulder a^2 , connected to a cylindrical portion a^3 , near the base of which is the olive a^4 , separated by a second cylindrical portion from the base-piece or labial compress A' , which is so constructed as to conform to the average contour of the pelvic region. In the cylindrical part a^3 are a plurality of holes a^7 . Over the glass tube a rubber pouch or jacket is slipped, having holes b at its base to approximately coincide with the holes a' . The mouth of the pouch grasps tightly the cylindrical surface a^3 .

Into the base of the tube A a suitable stopper C is placed. This stopper is perforated throughout its length, as at c , and has a check-valve c' to prevent the return of the fluid.

D (shown in dotted lines) represents any suitable form of pump or syringe.

The operation of the device is as follows: The stopper C being in the position shown in Fig. 2, the syringe is slipped into the vagina until the glass base-piece A' presses against the labia. An anal syringe, a Davidson's syringe, or any suitable pump is then used to inject hot water into the orifice c in the stopper C. This hot water, flowing past the valve c' , enters the tube A, and part of it flows out of the holes a' , dilating the rubber pouch into

a position like that shown in the dotted lines, the remainder of the water either remaining in the tube or flowing through the holes a' and b into the vagina. After a sufficient amount of hot water has been pumped in, the nozzle of the syringe D is withdrawn and the stopper C is slipped past the holes a' , thereby forming a water-cushion between the cylindrical surface a^3 and the walls of the vagina, and the patient puts on the usual towels, &c. The water-cushion outside of the cylindrical syringe a^3 will adapt itself to the shape of the vagina and will effectually prevent any appreciable leakage past it. Moreover, expansions and contractions of the vagina will be met by commensurate contractions and expansions of the rubber pouch. This elasticity of the rubber pouch will adapt the instrument for use with any size of vagina, for the water cushion will always fill up the canal of the vagina. The plate A' will also materially assist by pressing upon the labia and compressing the parts externally without inconvenience to the patient.

When it is desired to withdraw the instrument, take the stopper C out of the tube A and the liquid will speedily flow through the holes a^7 into the tube A and into a receptacle for the purpose, and the plug may then be readily withdrawn from the vagina. By the use of this plug the internal female generative organs in tender painful conditions may be poulticed, as it were, with a large quantity of hot water or other suitable lotion, and the same may be retained for an indefinite time—for hours, or even days—and without inconvenience to the patient.

Having thus described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

1. A vaginal syringe consisting of a tube having a tapering head with holes in the end thereof and a groove at the base of said tapering head, with holes from the interior of the tube to the exterior thereof in said groove, a stopper adapted to close said holes and also to close the mouth of the tube, and a rubber pouch or jacket having holes in its base, adapted to fit over said tube tightly at each end, but loose in the middle, substantially as and for the purposes described.

2. A vaginal syringe consisting of a tube
having a tapering head with holes in the end
thereof and a groove at the base of said taper-
ing head, with holes from the interior of the
5 tube to the exterior thereof in said groove, a
perforated stopper with a check-valve pre-
venting the return of liquid through said
stopper, the said stopper being adapted to
close said holes and also to close the mouth
10 of the tube, and a rubber pouch or jacket

having holes in its base, adapted to fit tightly
at each end and loosely in the middle over
said tube, substantially as and for the pur-
poses described.

In testimony whereof I affix my signature in 15
presence of two witnesses.

THOMAS H. MADDUX.

Witnesses:

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