

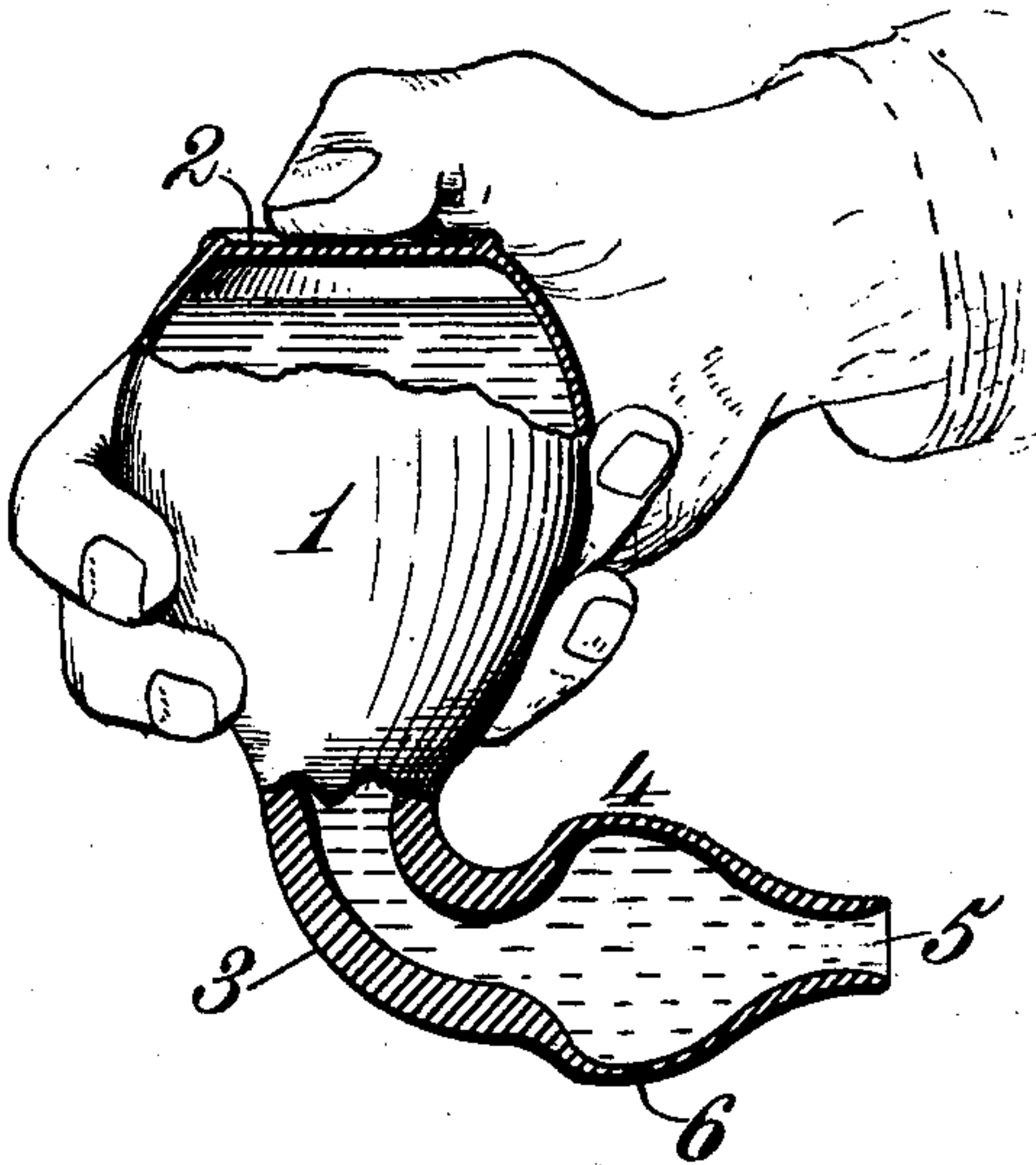
No. 758,673.

PATENTED MAY 3, 1904.

C. W. MEINECKE.  
VAGINAL SYRINGE.

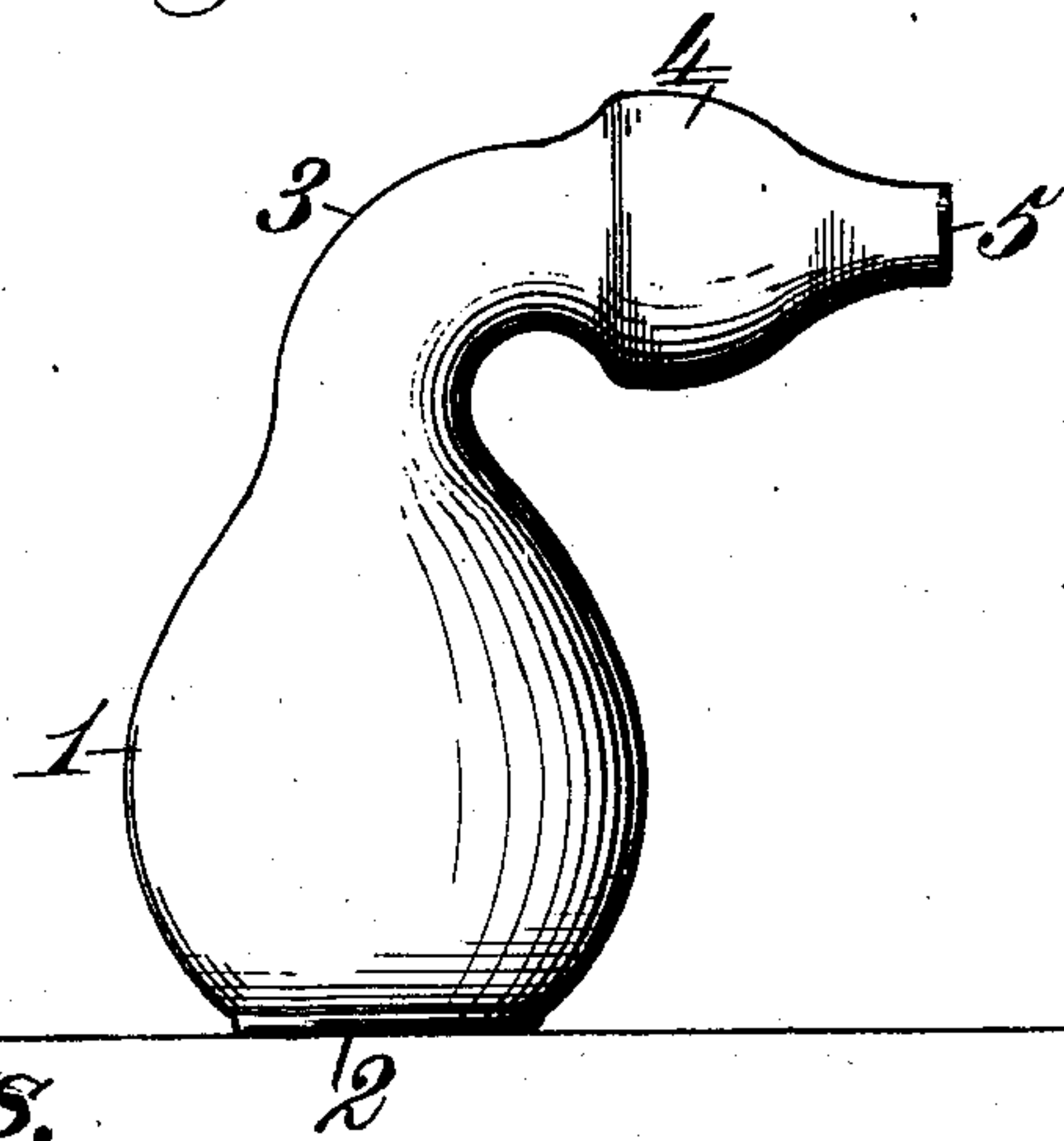
APPLICATION FILED SEPT. 20, 1902.

NO MODEL.



*Fig. 1.*

*Fig. 2.*



Witnesses.  
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Francis R. Erney.

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# UNITED STATES PATENT OFFICE.

CHRISTIAN WILLIAM MEINECKE, OF JERSEY CITY, NEW JERSEY.

## VAGINAL SYRINGE.

SPECIFICATION forming part of Letters Patent No. 758,673, dated May 3, 1904.

Application filed September 20, 1902. Serial No. 124,228. (No model.)

*To all whom it may concern:*

Be it known that I, CHRISTIAN WILLIAM MEINECKE, a citizen of the United States, residing at Jersey City, in the county of Hudson and State of New Jersey, (whose post-office address is care of Meinecke & Co., Nos. 48 and 50 Park Place, New York city, New York,) have invented new and useful Improvements in Vaginal Syringes, of which the following is a specification.

My invention relates to improvements in vaginal syringes, and has for its object to provide a syringe of this class so constructed that it may be used by a patient with great facility and which, because of the novel arrangement of its coöperative parts, avoids the hitherto objectionable injection of a stream of air into the vagina.

To the end stated my invention consists of a vaginal syringe constructed and arranged as hereinafter described, and set forth in the accompanying clauses of claim, reference being made to the accompanying drawings, in which—

Figure 1 is a sectional elevation illustrating the syringe in its position when in use; and Fig. 2 is an elevation thereof; showing the syringe in a position of rest when out of use.

In the said drawings the reference-numeral 1 indicates the main fluid receptacle or container at one end of (and which in use constitutes the upper portion of) the syringe. The apex of this main liquid receptacle or container is preferably flattened or made oblate, as shown at 2, to afford a base upon which the syringe may rest when not in use. This flattened or oblate part also serves as a guide or index to indicate to the patient the preferable place to compress the syringe to eject the fluid, preferably because pressure applied thereto will more effectually eject all the contents of the syringe, being, as it were, in a continuous line with the discharge-opening of the syringe. This main fluid receptacle or container at its lower portion merges into a curved cylindrical neck 3, the material of which, as shown, is relatively thick, so as to insure permanence of the curvature of the

neck. At the extremity of the neck the syringe is constructed with a bulbous auxiliary fluid receptacle or container 4, that tapers gradually to the discharge-opening 5. A portion of this bulbous auxiliary receptacle or container is relatively thin, as at 6, whereby it is soft and quite yielding, so that parts of the vagina may rest thereagainst without discomfort.

The main container, as shown, is of greater capacity than the auxiliary container, being, in fact, the primary or, as it were, the storage receptacle or chamber of the syringe and constituting a base upon which it may rest or be supported when not in use, and it is in this sense that I use these terms in the specification and the clauses of claim forming part thereof.

By reason of the curved neck 3 the auxiliary fluid receptacle or container 3 is arranged approximately at a right angle to the main container, and it is, as shown, located at the end of the syringe opposite the main fluid receptacle or container 1. When the syringe is being used, said auxiliary receptacle or container and the discharge-mouth are at a lower level than the main receptacle or container 1.

In prior syringes provided with straight necks it is quite difficult and inconvenient of use by patients, as the hands manipulating the syringe are required to assume a difficult position. By reason of the construction and arrangement of syringes made according to my invention, however, the patient may treat the parts with great facility, as the main receptacle or container 1, which is to be compressed to effect the injection, will be in a more convenient position for manipulation by the hands of the patient.

In prior syringes of which I am aware a body of air collects in the discharge-passage of the syringe, because of the fact that the fluid container or receptacle is when the syringe is in position for use lowermost, leaving the passage thereabove open to the air, which immediately fills said passage, and this body of air is injected into the vagina in advance of the liquid. This is objectionable or injurious and is avoided by my novel construction and ar-



5 rangement of syringe. As stated hereinbefore, the relative position of the members of the syringe when in use is such that the main receptacle or container is at a greater level  
10 than the auxiliary container or receptacle, and consequently the fluid flows down into the auxiliary container, displacing any air that may have gathered there, such of the air as is  
15 syringe finding its way to the top of the main container or receptacle, as clearly illustrated in Fig. 1 of the drawings, and thus the fluid is immediately injected into the parts without carrying before it an objectionable stream of  
20 air.

My improved syringe is preferably constructed of a single integral piece of rubber, and thus it is highly sanitary, affording no place of lodgment for any foreign matter and  
25 being capable of being kept in an excellent condition of cleanliness.

Having thus described my invention, what I claim is—

The herein-described vaginal syringe consisting of a solid structure comprising a compressible soft-rubber main fluid-receptacle of relatively large capacity at one end, an auxiliary fluid receptacle or container of relatively small capacity at the other end, disposed at substantially a right angle to the main container or receptacle and provided with a discharge-opening, and an intermediate curved neck connecting said main and auxiliary receptacles or containers.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

CHRISTIAN WILLIAM MEINECKE.

Witnesses:

GEO. W. REA,  
F. B. KEEFER.