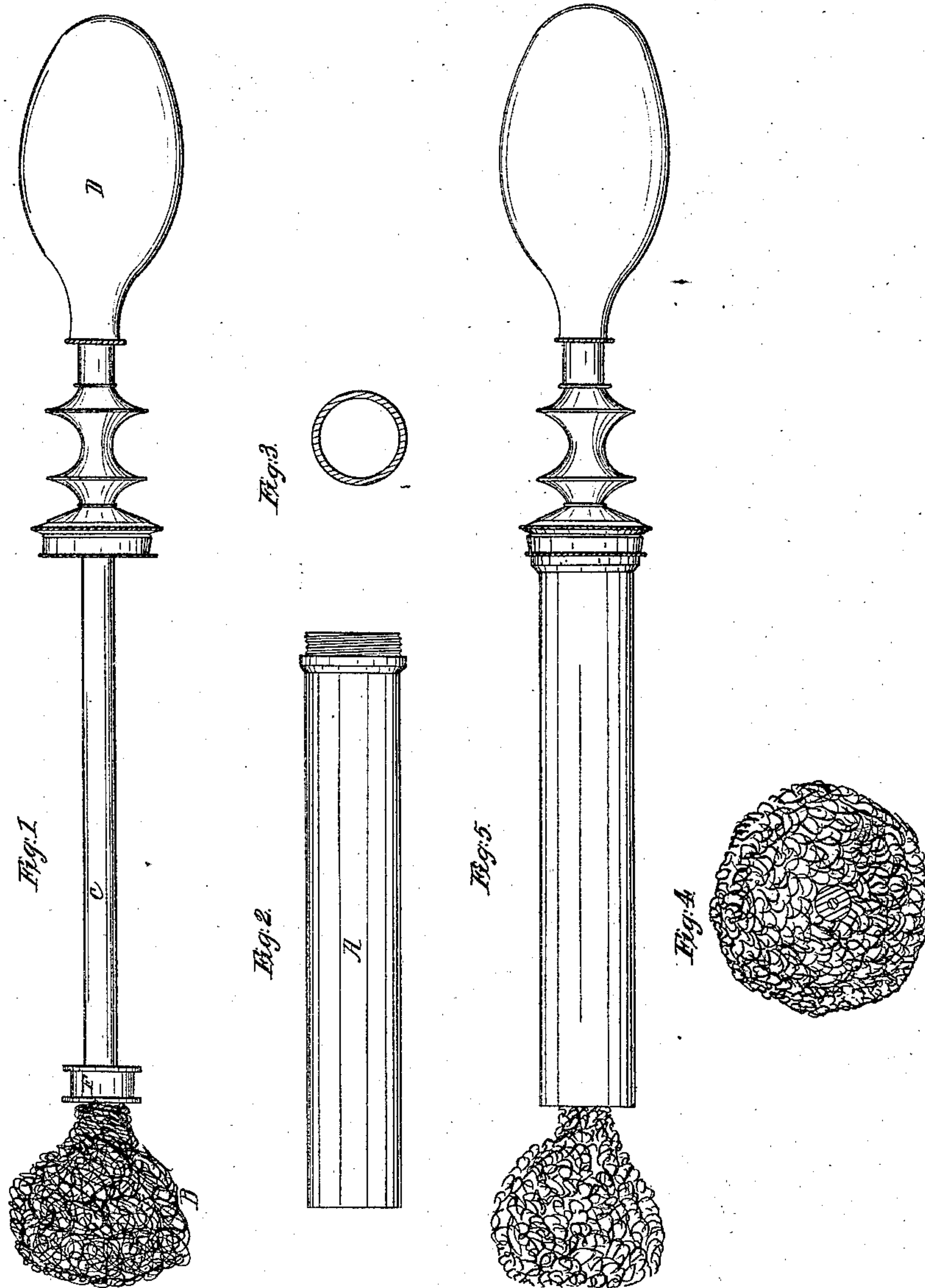


*H. K. W. Boardman,*

*Syringe.*

*N<sup>o</sup>. 33,234.*

*Patented Sep. 10, 1861.*



*Witnesses:*

*L. F. Dugham*  
*H. S. Hudson*

*Inventor:*

*Henry Kirk White Boardman*



# UNITED STATES PATENT OFFICE.

HENRY K. W. BOARDMAN, OF CHICAGO, ILLINOIS.

## IMPROVEMENT IN VAGINAL SYRINGES.

Specification forming part of Letters Patent No. 33,234, dated September 10, 1861.

*To all whom it may concern:*

Be it known that I, HENRY K. W. BOARDMAN, of the city of Chicago, county of Cook, and State of Illinois, have invented a new and Improved Vaginal Syringe; and I do hereby declare that the following is a full and exact description thereof, reference being made to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in providing a cylinder A, Figure 2, with a hollow shaft C, Fig. 1, and attaching to one end of this shaft a sponge or other material B, also as seen at Fig. 4, in which the cross-section of shaft and sponge is seen with syringe attachment of india-rubber or other material, as seen at D, Fig. 1, making the instrument complete, as seen at Fig. 5.

To operate the instrument, contract the syringe-ball D within the hand and place the sponge end of the instrument into the desired liquid, remove the hand from the ball, and its power of expansion will draw into it and the tube or shaft C the liquid. Now withdraw the sponge B into the cylinder A and introduce the instrument into the vagina as far as the mouth of the womb. Then gently withdraw the cylinder A as far as the shoul-

der of the shaft C will permit, and with a rotary motion bring the sponge B to the orifice of the vagina, the sponge by this motion acting as a swab and cleansing the membrane, and by its position at the orifice of the vagina where the muscles close upon it acting as a perfect tampon or plug to retain for any desired length of time the injection, which may now be made by contracting the syringe-ball D within the hand.

What I claim as my invention, and desire to secure by Letters Patent of the United States, is—

1. The contracting and self-expanding syringe-ball D, attached to a hollow shaft C, passing through the cylinder A, with the sponge attachment B.

2. The sponge attachment B to act as a tampon or plug in connection with the syringe-ball D and shaft C and introduced by means of the cylinder A to retain the injection made by means of said syringe, thus to permit and insure a more perfect and complete effect of any injection so made.

H. K. W. BOARDMAN.

Witnesses:

E. A. BALLARD,  
C. S. HALSEY.