

No. 681,387.

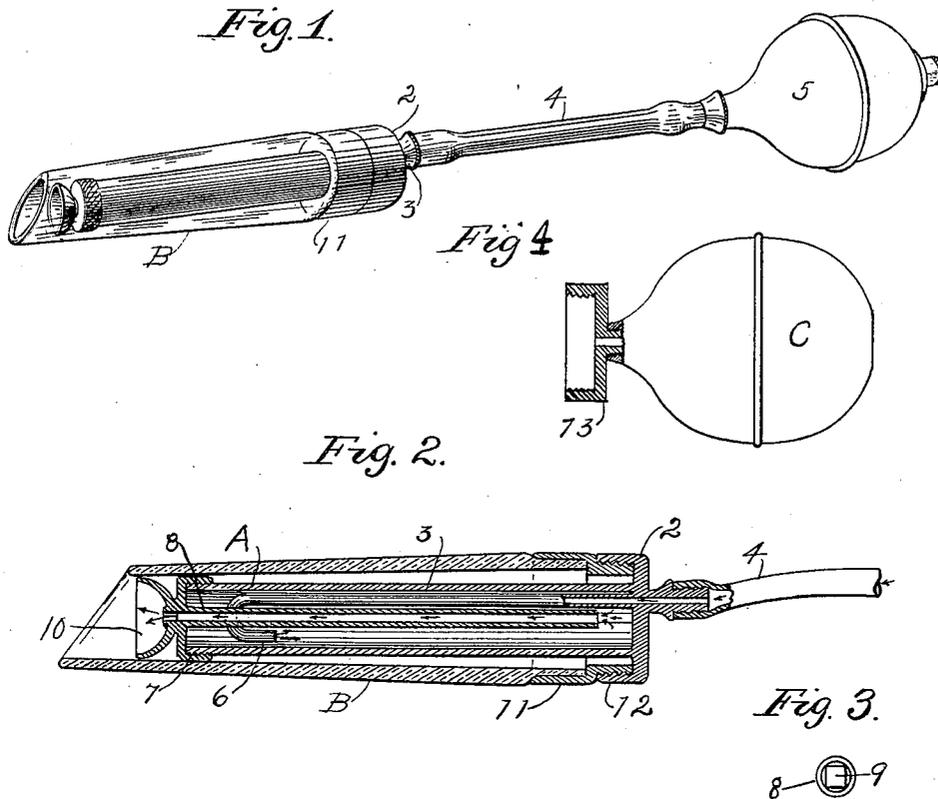
Patented Aug. 27, 1901.

M. BOHLIG.

COMBINED SPECULUM AND MEDICINE DISTRIBUTER.

(Application filed Dec. 2, 1899.)

(No Model.)



Witnesses
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UNITED STATES PATENT OFFICE.

MARTIN BOHLIG, OF ST. PAUL, MINNESOTA.

COMBINED SPECULUM AND MEDICINE-DISTRIBUTER.

SPECIFICATION forming part of Letters Patent No. 681,387, dated August 27, 1901.

Application filed December 2, 1899. Serial No. 738,983. (No model.)

To all whom it may concern:

Be it known that I, MARTIN BOHLIG, a citizen of the United States, residing at St. Paul, in the county of Ramsey and State of Minnesota, have invented certain new and useful Improvements in a Combined Speculum and Medicine-Distributor, of which the following is a specification.

My invention relates to improvements in vaginal medicine-distributors and speculums, its object being to provide a combination distributor and speculum, the speculum portion being preferably detached to enable it to be used with a separate bulb to constitute a suction-syringe.

My invention consists of certain improved features of construction and combination, as will be hereinafter specifically described and claimed.

In the accompanying drawings, forming part of this specification, Figure 1 is a perspective view of my improved device. Fig. 2 is a longitudinal section of the speculum and medicine-distributing portion. Fig. 3 is a detail of the end of the medicine-outlet. Fig. 4 is a view of a separate bulb adapted for use with the speculum portion.

In the drawings, A represents the inclosing cylindrical wall of the medicine-distributor carried by a suitable base 2. Leading through the bottom of the base is a tube 3, to the lower end of which is detachably secured the rubber tube 4 of a bulb 5. The tube extends upwardly nearly to the top of the inclosing wall A and has its upper end 6 bent downwardly, as shown in Fig. 2. The upper end of the cylindrical wall A is closed by a screw-threaded cap 7, said cap being provided with a central tube 8, extending downwardly nearly to the bottom of the wall. In the upper or outlet end of the tube 8 is fitted a square plug 9, leaving openings upon its sides through which the medicine is designed to pass. Any medicine dropping back is guided into the tube by the cup-shaped part 10, which surrounds the end of the tube 8.

B represents a speculum, preferably made

of glass, carrying upon its lower end a collar 11, adapted to be screwed into the upwardly-projecting flange 12 of the base 2. The speculum is preferably tapered and has its upper end beveled and, as shown, projects slightly beyond the end of the medicine-distributor. C represents a separate bulb provided with an interiorly-threaded base-piece 13. When it is designed to use the device as a suction-syringe, the speculum B is removed from the medicine-distributor and fitted to the base-piece 13 of the bulb C.

The object of the invention is to thoroughly apply the medicine to the internal parts and without injury, and this is accomplished by arranging the medicine-distributor inside of a speculum of the kind shown. The detachable character of the speculum also allows it to be used with the separate bulb as a suction-syringe.

I claim—

1. In a device of the class described, the combination of a medicine-distributor, consisting of a chamber, an outlet-tube leading from the bottom of said chamber from the front end thereof, an air-bulb, a tube leading from said air-bulb through the bottom of said chamber, and a speculum having detachable support upon said tube and projecting beyond the end of said medicine-receptacle.

2. In a device of the class described, the combination of a medicine-distributor, consisting of a chamber, an outlet-tube leading from the bottom of said chamber from the front end thereof, an air-bulb, and a tube leading from said air-bulb through the bottom of said chamber, and extending substantially to the top thereof and provided with a downwardly-bent end, and a cylindrical speculum inclosing said distributor,

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

MARTIN BOHLIG.

Witnesses:

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