

No. 826,091.

PATENTED JULY 17, 1906.

A. B. DORMAN.
SYRINGE.

APPLICATION FILED FEB. 17, 1904. RENEWED MAY 23, 1906.

FIG. 1.

FIG. 3.

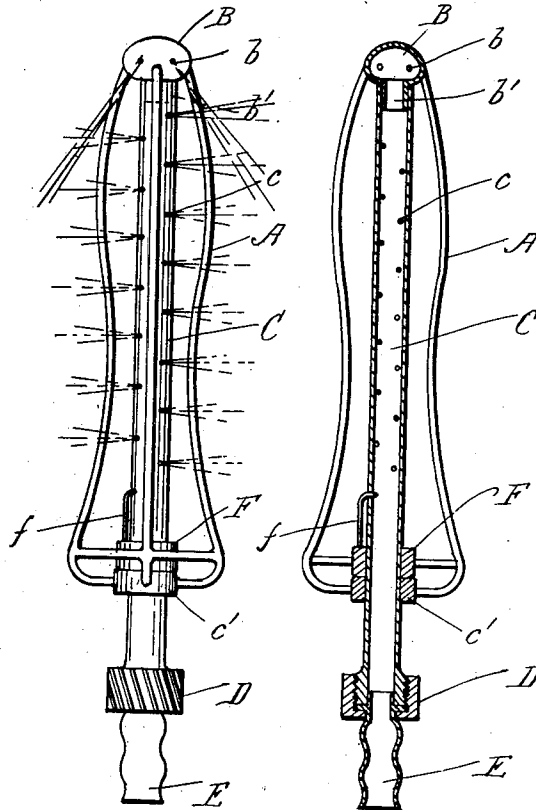


FIG. 2.

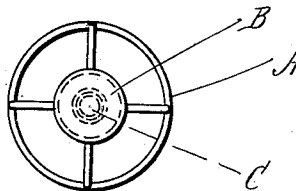


FIG. 4.

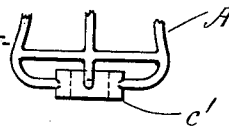
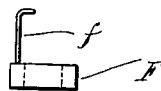


FIG. 5.



WITNESSES:

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SYRINGE.

No. 826,091.

Specification of Letters Patent.

Patented July 17, 1906.

Application filed February 17, 1904. Renewed May 23, 1906. Serial No. 318,361.

To all whom it may concern:

Be it known that I, ALBERT B. DORMAN, a citizen of the United States, residing at Winthrop, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in 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.

This invention relates to syringes for irrigating the vagina; and it consists in the novel construction and combination of the parts hereinafter fully described and claimed.

In the drawings, Figure 1 is a side view of the syringe. Fig. 2 is a plan view of the same. Fig. 3 is a longitudinal section through the syringe. Fig. 4 is a detail view of the lower part of the cage. Fig. 5 is a detail view of the fastening-spring and its collar.

A is a dilating-cage formed of longitudinal wires of suitable shape. At the front end the cage is provided with a blunt end portion B, having perforations *b* adapted to project jets of water rearwardly. This end portion has also a nozzle *b'* for engaging with the irrigating-pipe C.

The irrigating-pipe C is provided with a series of perforations *c*, and its front end is journaled on the nozzle *b'*. The other end portion of the pipe C is journaled in a bearing *c'* at the other end of the cage, and the pipe C is also provided with a milled collar D.

E is a short pipe, by means of which the irrigating-pipe is connected to any suitable syringe-bulb or other means for forcing fluid through the irrigating-pipe. The pipe E is connected with the pipe C in any approved manner, so that the pipe C is freely revoluble in the dilating-cage.

F is a collar on the pipe C inside the case, and *f* is a spring secured to the said collar and engaging with a hole in the pipe C. The collar F bears against the bearing *c'* and holds the irrigating-pipe in operative connection with the cage. The water or other fluid is forced through the perforations, and the pipe C is revolved at the same time.

What I claim is—

In a syringe, the combination, with a dilating-cage provided with a hollow and perforated front end portion having a rearwardly-projecting nozzle or branch, and having also a collar at its rear end; of a perforated irrigating-pipe journaled in the said collar and on the said nozzle or branch, and a collar arranged on the said pipe inside the cage and provided with a spring which engages with the said pipe.

In testimony whereof I have affixed my signature in the presence of two witnesses.

ALBERT B. DORMAN.

Witnesses:

ALICE J. MURRAY,
FREDK. K. DAGGETT.