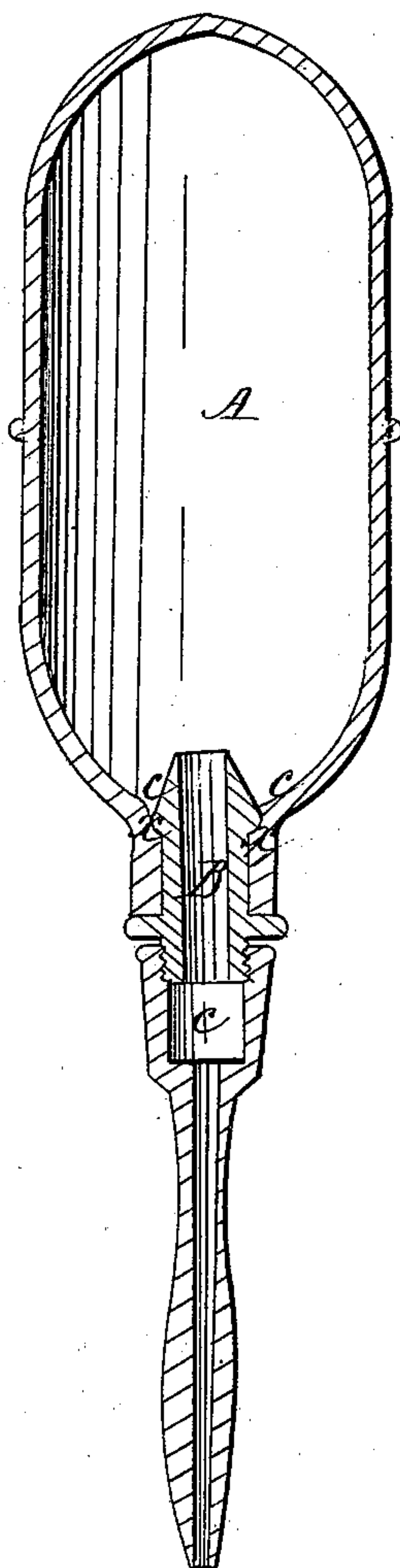


M. Faloon,

Syringe,

Nº 79,742.

Patented July 7, 1868.



Witnesses:

*W. D. Storkbridge
A. A. Mann*

Inventor:

*Matthias Faloon
by
Charles H. Mason
att'y*

United States Patent Office.

MATTHEW FALON, M. D., OF BLOOMINGTON, ILLINOIS.

Letters Patent No. 79,742, dated July 7, 1868.

IMPROVED SYRINGE.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, MATTHEW FALON, M. D., of Bloomington, in the county of McLean, and in the State of Illinois, have invented certain new and useful Improvements in Syringes; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and the letters of reference marked thereon.

In the annexed drawings, making a part of this specification, A represents an elastic rubber bulb or globe, and provided with a shoulder, *x*, near the mouth or opening thereof, and B represents the permanent nozzle, one end of it, which goes into the bulb A, bevelled off, as shown, and provided with a barb-shoulder, *c*, which catches against and behind the shoulder *x* of the elastic bulb A. The other end of the nozzle B has a screw-thread cut on its outside, which fits in and secures the adjustable nozzle C. The screw-thread is made on the permanent piece B, for the purpose of conducting the liquid to be ejected past the joint in a smooth and regular channel, and thereby prevent the leakage caused by the ordinary construction. The screw-thread is usually made on the adjustable nozzle C, which is then screwed into the permanent piece B, thereby presenting its end as an obstruction in the passage, and thereby causes all nozzles made in that way to leak more or less, unless screwed up very hard against the washer in ordinary use, in which case the nozzle C becomes fast, and cannot be taken off to allow another of different shape to be adjusted.

The adjustable nozzle may be of any shape that may be required. Both the piece B and nozzle C are best made of hard rubber, as not liable to corrode by the use of any liquid medicine.

The above makes an improved cheap and convenient syringe, for injecting medicine or liquids of any kind to any part of the human body, or elsewhere, as may be desired.

I do not claim the single bulb A; nor do I claim connecting the nozzle to the part B by a male and female screw. My application consists in the combination of the interior part B, made of hard rubber, and for use in the manner described.

What I claim is—

The piece B, made convex on its inner end, forming a shoulder, *x*, and provided with a flange on the outer part, which covers the neck of the bulb A, when arranged and used substantially as specified.

In testimony that I claim the foregoing, I have hereunto set my hand, this 3d day of January, 1868.

MATTHEW FALON, M. D.

Witnesses:

JAMES RADBOURN,
JOHN P. HAYES.