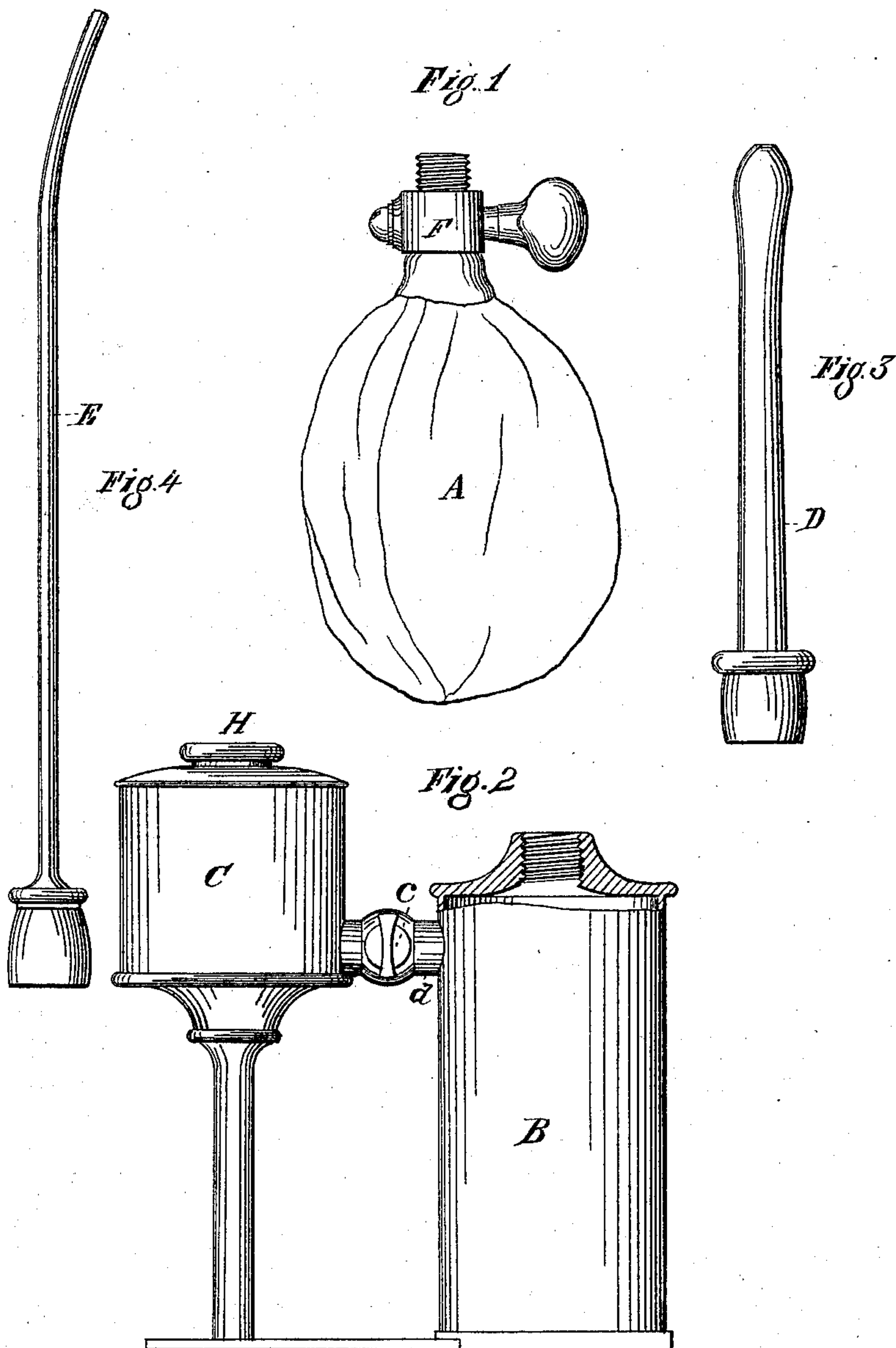


*M. Faloon,*  
*Syringe*

*Nº 70 184.*

*Patented Oct. 29, 1867.*



*Witnesses*  
*Emil Vofenack*  
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# United States Patent Office.

MATTHEW FALON, OF BLOOMINGTON, ILLINOIS.

*Letters Patent No. 70,184, dated October 29, 1867.*

## IMPROVEMENT IN GAS-GENERATOR.

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

Be it known that I, MATTHEW FALON, of the town of Bloomington, in the county of McLean, and State of Illinois, have invented a new and improved Gas-Generator and syringe; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making part of this specification.

The nature of my invention consists in the combination of a gas-generator and syringe of peculiar and novel construction, for the purpose of applying remedial agents to different parts of the human body which have hitherto been impossible to reach by means ordinarily employed.

My invention is peculiarly adapted to the treatment of diseases of the womb, to which remedial agents can be applied directly to the part affected, whether in the interior or exterior of that organ, and immediate relief obtained, which, without the aid or employment of my invention, could not be so effectually reached.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

Figure I is a side elevation of the flexible syringe, showing how the different nozzles may be applied.

Figure II is a side elevation of the gas-generator.

Figures III and IV represent nozzles of different forms employed for different purposes, they being attached to the syringe.

Letters of like name and kind indicate like parts in each of the figures.

A represents a flexible bag or sack, that may be made of rubber, or any other suitable material, provided with a mouth-piece, upon which is a screw-thread, for the purpose of attaching different forms of nozzles, adapted for the treatment of different diseases located in different parts of the body, and for the use and application of different remedial agents. B represents a gas-generator, made of hard rubber, or other suitable material, constructed cylindrical in form, as shown in Fig. II. The fountain C is made of hard rubber, or soft flexible rubber, or other suitable material, and is connected or applied to the generator B by tube *d*. Said tube is provided with a stop-cock, *e*, so as to cut off communication between the water-fountain *e* and gas-generator B, or may be used without stop-cock if with flexible rubber. D represents a nozzle, employed for introducing remedies to the mouth of the womb and exterior of that organ. F represents a nozzle for the purpose of injecting the necessary remedies into the neck of the womb, which pass readily in the interior of that organ; also may be applied to other organs of the body in like manner. It will be observed that any form of nozzle may be attached to the syringe by means of the screw-thread.

Any effervescing compound, as supercarbonate of soda two parts, and tartaric acid one part, may be used for the purpose of producing gas, when water is introduced from the reservoir C, and the medicinal agent, if in a solid form, may be mixed with the soda and acid, or, if in a liquid form, it should be mixed with the water in the reservoir. In this way nitrate of silver, belladonna, morphine, &c., may be introduced into the cavities of the body in a form which will insure their contact with every portion of the interior surface, and with an effect superior to any mode of application hitherto in use.

The operation of this instrument is simple. The proper medicinal agent is placed in the generator, and the sack A, rolled together so as to expel the air, is then attached by screwing its neck into the top of the generator, and the cock F opened. The fountain C having been filled with water the cock *e* is opened, and the water permitted to flow into the generator, and the cock *e* is then closed again to prevent the passage of gas into the fountain or reservoir C. The contact of water with the medicinal agent employed causes a chemical transformation, by which the desired medicated gas is liberated, and, rising, fills the sack A, which, when containing the desired quantity, is shut off by turning the cock F, and it may then be removed from the generator. The proper nozzle is attached to the neck of the sack A, and by introducing the same into the cavity of the body, where the medicinal gas is to be applied, the gas is expelled by pressure upon the sack. In this way medicated gas may be produced and conveyed to any distance for use.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

The combination of the fountain C, connected to the generator B by means of the tube *d*, with the sack A provided for different forms of nozzles, substantially as herein shown and described and for the purposes set forth.

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