No. 653,842. Patented July 17, 1900.

A. J. BROWN.

FOUNTAIN SYRINGE.

(Application filed July 10, 1899.)

(No Model.)

Fig. 1.

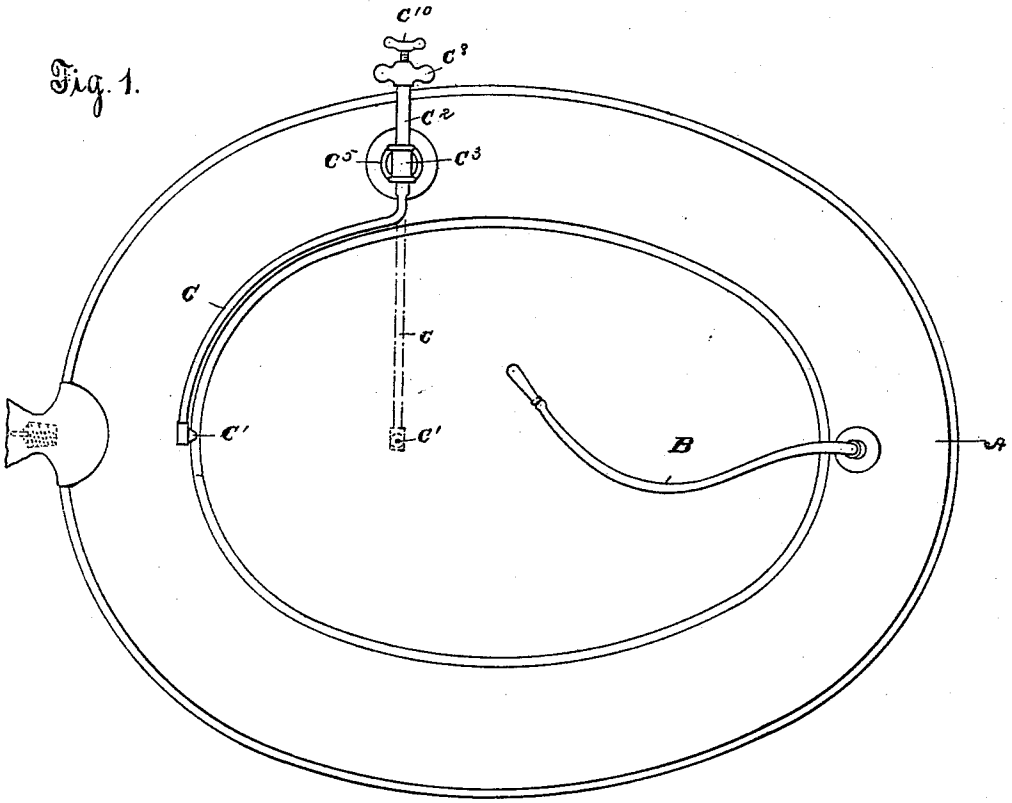
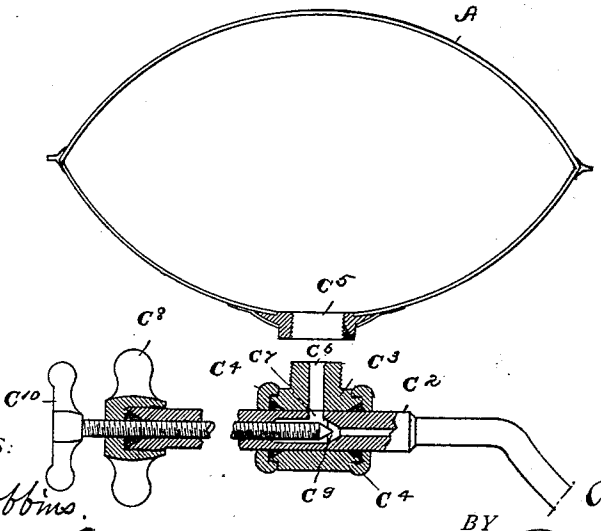


Fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

ALBERT J. BROWN, OF OAKLAND, CALIFORNIA.

FOUNTAIN-SYRINGE.

SPECIFICATION forming part of Letters Patent No. 653,842, dated July 17, 1900.

Application filed July 10, 1899. Serial No. 723,416. (No model.)

To all whom it may concern:

Be it known that I, ALBERT J BROWN, a citizen of the United States, residing at Oakland, in the county of Alameda and State of California, have invented certain new and useful Improvements in Fountain-Syringes and Portable Bidets; and I do hereby declare the following to be a full, clear, and exact description of said invention, such as will enable others skilled in the art to which it most nearly appertains to make, use, and practice the same.

This invention relates to improvements in fountain-syringes and portable bidets.

In the drawings, Figure 1 is a plan view taken from the under side of the device. Fig. 2 is a detailed view, partly in section, showing the construction of the bidet attachment and the water-bag, the two being separated to distinguish the construction.

The objects which the present invention has in view are to produce a bidet which is portable and which can be packed within a small compass; further, to provide a construction which may be used as a fountain-syringe for any therapeutic purpose, such as a vaginal syringe or douche.

With these objects in view the invention consists in the construction shown in the drawings, in which the letter A represents an annular bag constructed after the same manner as an air-cushion, thus producing a water-bag having a central aperture, the particular shape of the bag—*i. e.*, whether annular, square, or otherwise—being manifestly immaterial. This bag A is provided with an aperture as a means whereby the bag may be filled with water. The construction of this aperture may be that of any well-known style used for filling the ordinary hot-water bags. This opening is closed by a screw-plug such as is used in the said hot-water bags. The bag A is further provided with a screw-threaded opening, to which may be attached by a screw-threaded plug the flexible pipe B. This flexible pipe B is provided at the free end with a syringe attachment such as is ordinarily used. It is further provided with some means of closing the pipe to prevent the flow of water through the same—*e. g.*, with the metallic clamp commonly employed upon tubes of fountain-syringes. This pipe B may be permanently attached to the syringe-tips or may be detachably connected thereto. When not in use in connection with the bag A, the pipe B is removed, and the opening provided for it in the front of the bag is closed by a screw-plug of the ordinary construction. When in use, the necessary pressure is obtained by reason of the weight of the person sitting upon the bag A during the use of the same. This is particularly desirable, as it overcomes the objection to the ordinary fountain-syringe in that the user of the fountain-syringe is compelled to provide or discover some means of suspending the same.

The bidet attachment of this bag consists of the gooseneck-tube C, of substantially-rigid material, which is provided with an upturned nozzle C′ at the outer end. At the inner end the gooseneck is provided with a straight extension C^2, which is passed through a block of hard rubber C^3. Suitable packing-rings C^4 are provided on each side of the block C^3, where the tube C^2 passes through the same. The upper part of the block C^3 is provided with a screw-thread adapted to engage the screw-threaded opening C^5 in the bag A. The block C^3 is also vertically bored at C^6, so as to aline with the opening C^7 in the pipe C^2 when the same is thrown into operative position, as shown in the dotted lines in Fig. 1. To throw this gooseneck into position shown in Fig. 1—*i. e.*, to lie between the outer edge of the bag and the edge of the central aperture—the extension C^2 is provided with a handle C^8, which extends to the outside of the bag A in such a position that the person sitting upon the bag may put his hand to the side and reach the handle C^8 to throw the bidet into operative position. It is necessary that the water should not flow through the gooseneck until the same is accurately in position for fear of wetting the person of the operator. Therefore I have provided the screw-valve C^9, having a handle C^{10}, extending beyond the handle C^8. When the bidet is in position, the valve may be unseated and the water permitted to flow.

When the bidet is not required, it may be removed from the bag A by being unscrewed therefrom and the opening provided to receive it closed by a screw-plug.

In some instances I have provided the bag

herein shown with a ring of solid hard rubber securely attached to the under side of the bag and through which the bidet-plug is passed.

While I have described the invention as having separate attachments for the vaginal syringe and the bidet, it will be understood that both of these attachments may be secured to the one aperture.

Having thus described this invention, it is claimed—

1. A bidet comprising a water-bag having a central aperture and provided with an outlet-opening, a curved tube of substantially-rigid material having a straight portion journaled upon the bag, said tube being provided with a channel adapted to register with said outlet-opening, the said curved tube lying between the outer edge of the bag and the edge of the central aperture whereby it can be projected in line with said central aperture, and a handle upon said tube extending beyond the side of the bag whereby the tube can be swung in its journal; substantially as described.

2. A bidet comprising a water-bag having a central aperture and provided with an outlet-opening, a curved tube of substantially-rigid material having a straight portion journaled upon the bag, said tube being provided with a channel adapted to register with said outlet, the said curved tube lying between the outer edge of the bag and the edge of the central aperture whereby it can be projected in line with said central aperture, and a valve for the channel in said tube, said valve extending beyond the edge of the bag; substantially as described.

3. A bidet comprising a water-bag having a central aperture and provided with an outlet-opening, a curved tube of substantially-rigid material having a straight portion journaled upon the bag, said tube being provided with a channel adapted to register with said outlet-opening, the said curved tube lying between the outer edge of the bag and the edge of the aperture whereby it can be projected in line with said aperture, a handle upon said tube extending beyond the side of the bag whereby the tube can be swung in its journal, and a valve for the channel in the tube, said valve extending through the said handle whereby it can be grasped by the operator; substantially as described.

In testimony whereof I have hereunto set my hand this 26th day of June, 1899.

ALBERT J. BROWN.

Witnesses:

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GEORGE F. HATTON.