J. B. A. LA JEUNESSE.

FOUNTAIN SYRINGE.

APPLICATION FILED NOV. 7, 1914.

1,189,586. Patented July 4, 1916.

FIG. 1

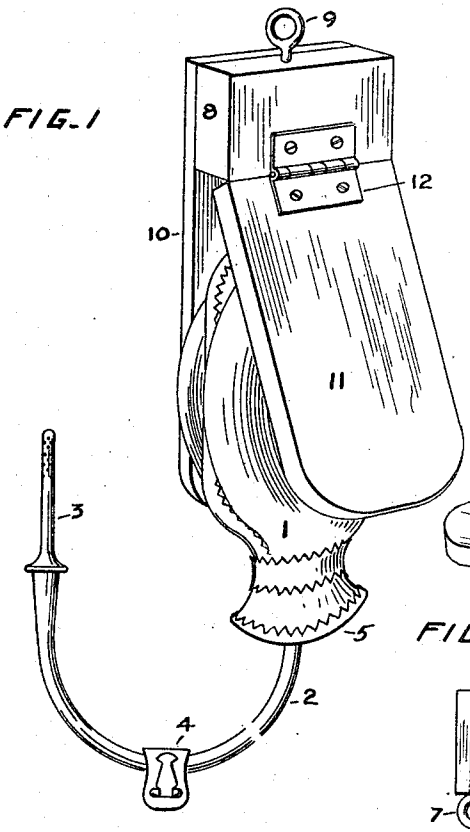


FIG. 2

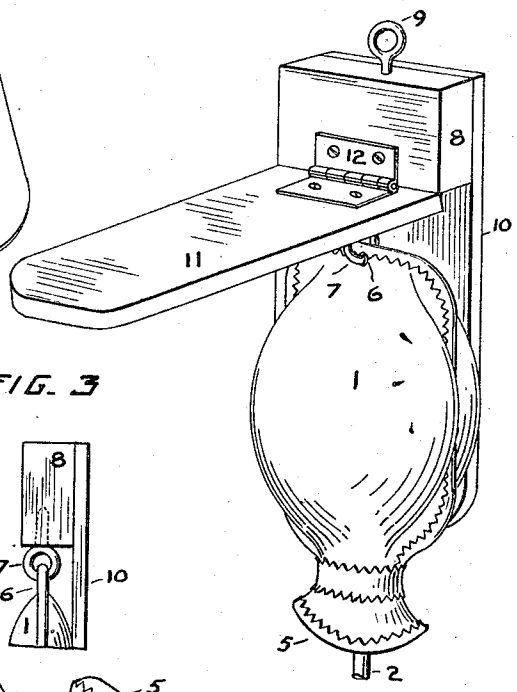


FIG. 3

FIG. 4

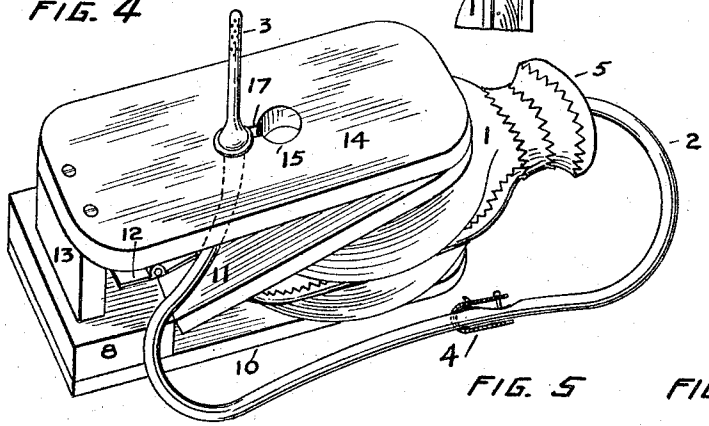


FIG. 5

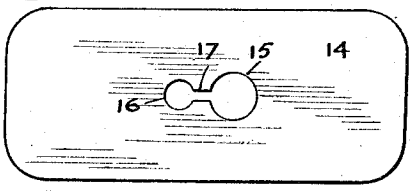
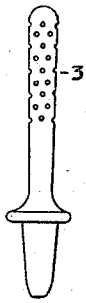


FIG. 6



WITNESSES:

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UNITED STATES PATENT OFFICE.

JEAN B. A. LA JEUNESSE, OF ALAMEDA, CALIFORNIA.

FOUNTAIN-SYRINGE.

1,189,586. Specification of Letters Patent. Patented July 4, 1916.

Application filed November 7, 1914. Serial No. 870,816.

To all whom it may concern:

Be it known that I, JEAN B. A. LA JEUNESSE, of Alameda, California, have invented certain new and useful Improvements in Fountain-Syringes, whereof the following is a specification.

This invention relates to fountain syringes; also to such devices which may be used as hot water bags when not in use as a syringe. It aims to provide simple, efficient and adjustable means constituting such a device and for facilitating its use in different positions.

The invention may be best understood from the following description of the specific embodiment of it in connection with the accompanying one sheet of drawings to which the description refers.

In the drawings: Figure 1 is a perspective elevation of the apparatus in its frame, as suspended in a vertical position. Fig. 2 is a similar view with the front of the frame opened to expose the bag inside. Fig. 3 is a partial side elevation of a portion of the apparatus, showing how the bag is connected to and supported in its frame. Fig. 4 is a perspective view showing the apparatus in a horizontal position and showing the addition to the frame for supporting the nozzle. Fig. 5 is a plan of the nozzle supporting portion of the frame; and Fig. 6 is an elevation of the nozzle.

In these figures, 1 represents the hotwater bag, provided with a tube, 2, leading from its mouth to the nozzle, 3. At a convenient point in the tube a device, 4, is applied for squeezing the tube and thereby controlling or shutting off the flow from the bag.

The end of the bag opposite its mouth, 5, is provided with a loop, 6, through which hook or ring, 7, is applied to it for the purpose of hanging it up or connecting it to its frame.

The ring, 7, may be secured to the block, 8, which block has on its opposite side a ring, 9, shown in Figs. 1 and 2, by which it may be suspended from any convenient point, either on a hook or by means of a cord or otherwise.

To one side of the block, 8, there is secured a board, 10, which forms the baseboard of the frame and to the other side of the block is hinged a board, 11, by means of a hinge, 12.

The bag, 1, is hung to the block between the boards, 10 and 11, and pressure may be applied to it when desired, by means of the hinged board, 11, so as to give the outflow a greater or less force.

For convenience in certain cases, I provide the block, 8, with a standard, 13, thereon, to which is secured one end of a piece, 14, as shown in Fig. 4, the opposite end of said piece resting upon the free end of the hinged board, 11, and forming a seat which when supporting the weight of the user, said piece presses the board 11 upon the sides of the bag 1 and expels the contents thereof. This piece, 14, is perforated by two holes, 15 and 16, connected by a slot, 17. The hole, 15, is the larger and the arrangement is such that the nozzle may be inserted through the hole, 15, then slipped through the slot, 17, into the hole, 16, which is of a size to embrace its neck and thereby hold it in an upright position, as seen in Fig. 4.

Obviously by removing the tube, 2, from the bag, 1, and plugging the hole, the bag may be used as an ordinary hot water bag.

Having thus described my invention and an embodiment of it, in the full, clear and exact terms required by law, and knowing that it comprises novel, useful and valuable improvements in the art to which it pertains, I here state that I do not wish to be limited to the precise construction and arrangement of the several parts, as herein set forth, as the same may be variously modified by a skilled mechanic without departing from the spirit of the invention.

What I claim and desire to secure by Letters Patent of the United States is the following, to wit:

1. A fountain syringe combined with a pressure frame comprising a bottom board, a block secured at one end thereof, a connection at the inner side of said block, adapted to engage the syringe and a top board hinged to the block and operating as a pressure device upon the syringe.

2. In combination with a fountain syringe, a rigid support therefor, a pressure board hinged to said support and operating as a lever upon the syringe, the front end of said board being raised when the syringe is full and lowered as the syringe empties, and a fixed frame member for a nozzle support, comprising a standard secured to said rigid support at the hinged end of the pressure board and a board secured to said standard, extending over the pressure board and in

contact with the free end of the same; said supporting board being suitably apertured to pass and hold the nozzle of the syringe in proper position.

3. In combination with a fountain syringe, pressure boards adapted to be placed respectively, one under, and the other upon the syringe, supporting means for keeping said boards a suitable distance apart at one end, means for flexibly joining the top board to said means, means for attaching the syringe by one end to said supporting means between the boards and a nozzle support, adapted to bear down at one end upon the free end of the top board and a standard secured to said nozzle support at its opposite end and holding it above the flexible joint of said top board, said nozzle support having an aperture through which the nozzle of the syringe may be projected from its tubing which may pass between said pressure board and nozzle support.

4. In combination with a fountain syringe provided with a nozzle, a support therefor, a pressure board secured to said support and engaging said syringe, a board mounted upon said support, engaging said pressure board, and adapted to form a seat, and perforations through said seat for holding said nozzle approximately at right angles thereto.

5. A combination fountain syringe and hot water bag, comprising a bag, a flexible tube provided with a nozzle, a bag supporting frame, said frame comprising a part for exerting a pressure upon the bag and a seat upon said frame provided with means for holding the nozzle approximately at right angles thereto.

6. A combination fountain syringe and hot water bag, comprising a bag, a flexible tube provided with a nozzle, a bag supporting frame, means for connecting the bag to said frame, said frame comprising a part for exerting a pressure upon the bag, a board adjusted to form a seat and means on said board for holding the nozzle at right angles thereto.

In testimony that I claim the foregoing I have hereto set my hand this 24th day of October, 1914, in the presence of witnesses.

JEAN B. A. LA JEUNESSE.

Witnesses:
HAROLD V. LA JEUNESSE,
ANNIE SCHAEFER.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents Washington, D. C."