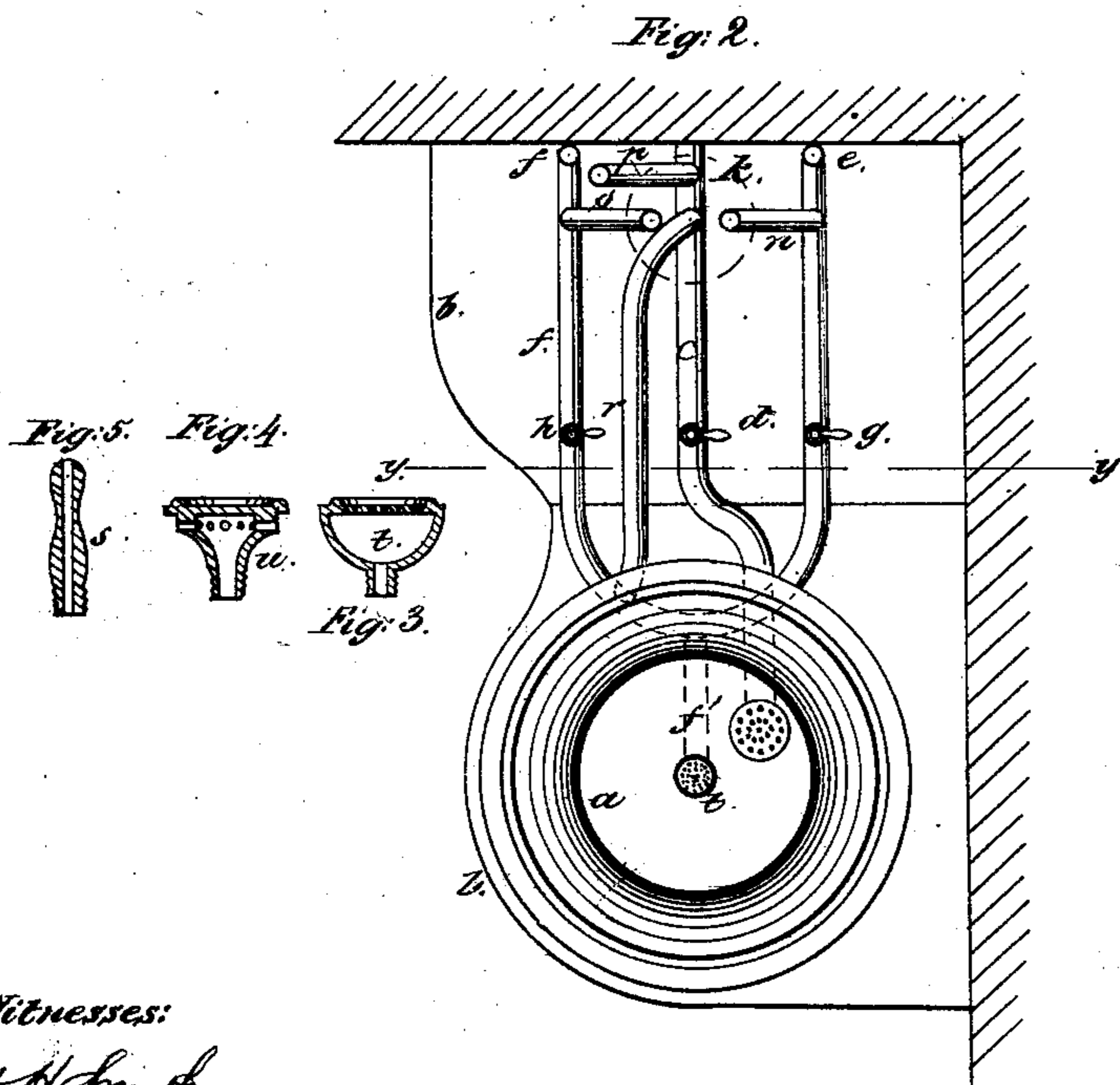
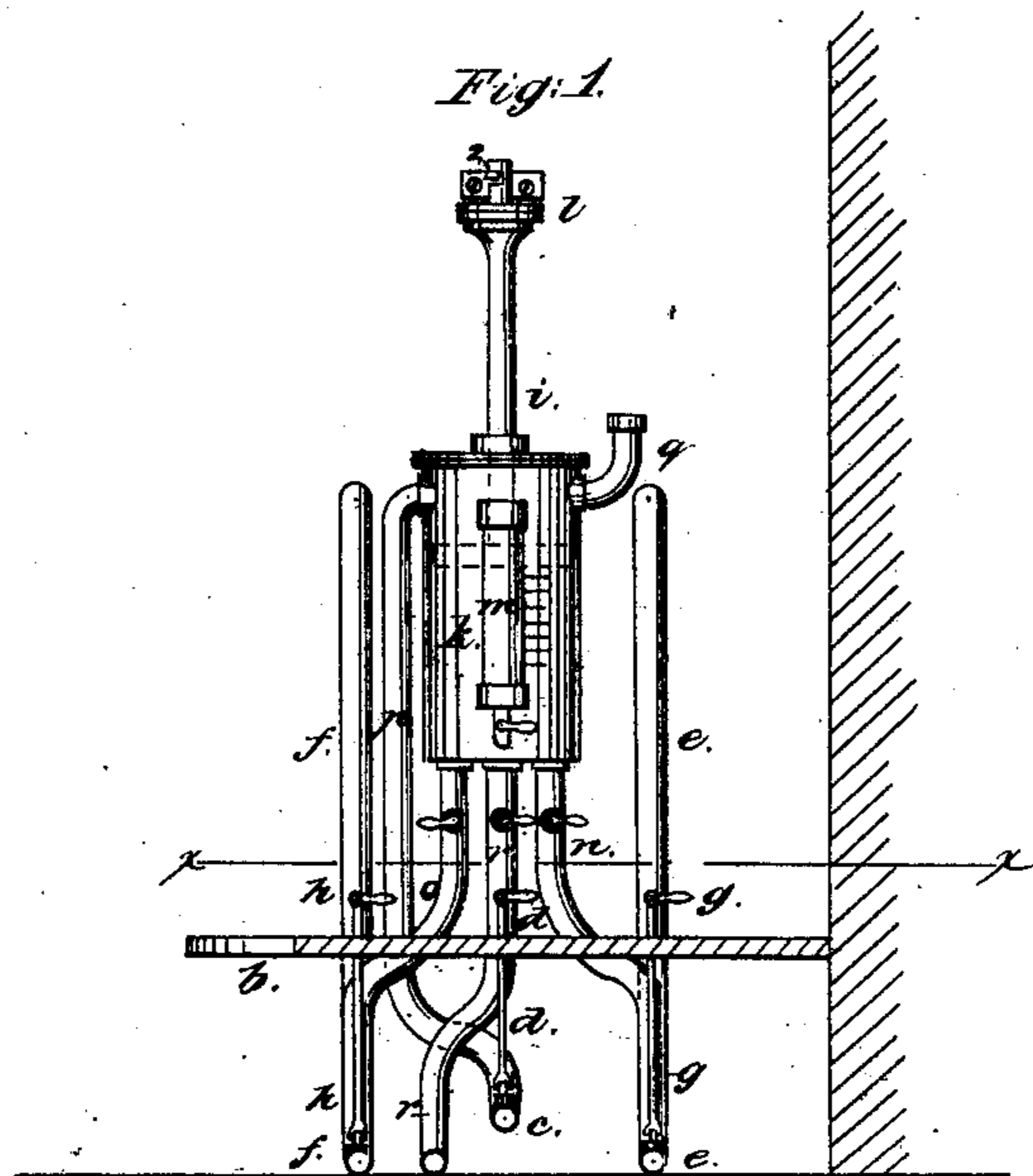


*J. Ingram,*

*Bath Tub,*

*Nº 69,675,*

*Patented Oct. 8, 1867.*



*Witnesses:*

*Chas. H. Smith*  
*Geo. A. Walker*

*Inventor:*

*James Ingram*

# United States Patent Office.

JAMES INGRAM, OF NEW YORK, N. Y.

Letters Patent No. 69,675, dated October 8, 1867.

## BATHING APPARATUS.

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, JAMES INGRAM, of the city and State of New York, have invented, made, and applied to use a certain new and useful improvement in Bathing Apparatus; and I do hereby declare the following to be a full, clear, and exact description of the said invention, reference being had to the annexed drawing, making part of this specification, wherein—

Figure 1 is an elevation of the syringe and the pipes connected therewith behind the line *y y*.

Figure 2 is a plan of the apparatus, at the line *x x*, the syringe being removed, but its position shown by the red dotted line. The seat or wood-work around the bath is also shown in red lines.

Similar marks of reference denote the same parts.

In medical bathing and injecting apparatus difficulty is experienced in regulating the quantity of liquid employed, and the pressure with which it is injected. Besides this, it is desirable that a single apparatus be constructed that is adapted to injections and ablutions, both for convenience and because they are often employed in conjunction.

The nature of my said invention consists in a syringe adapted to the reception of the desired quantity of injecting liquid, and the discharge of the same under a given pressure upon or into the body; and I arrange my syringe in such a manner, in connection with hot and cold-water supplies and a bathing-vessel, that the apparatus may be employed as a hip-bath, a foot-bath, an injector, or a shower or sprinkling-bath.

In the drawing, *a* represents a bath or vessel, of any desired size or form. I prefer a circular tub of the character known as a "sitz-bath." This is to be supported in any desired manner, and may be encased at the sides with wood-work, as at *b*. *c* is a waste pipe that is provided with a cock, *d*, to allow of the discharge of the contents of the vessel *a*. *e* is a hot-water supply pipe, and *f* is a cold-water supply pipe, both unite in the pipe *f'* that enters the bath *a*; and *g* and *h* are cocks to these respective pipes, so that the supply and temperature can be regulated or entirely shut off. *k* is my syringe-vessel, formed as a cylinder, with a plunger and rod *i* that is formed to receive one or more movable weights *l*; and *2* is a latch by which the piston and weights may be sustained while the syringe is being charged. A glass gauge or indicator may be attached, as at *m*, to show how much liquid is introduced. *n* is a pipe and cock from the hot-water pipe *e*; and *o* is a similar pipe and cock from the cold-water pipe *f*. *p* is an overflow pipe to carry off surplus water to the waste pipe *c*; and *q* is a pipe, on one side of the syringe, through which any medicinal substances can be introduced, when the piston is entirely raised up. *r* is a pipe and cock leading from the syringe and connecting with the pipe *f*. This pipe *f* is provided with a screw-thimble at its junction with the bath *a*, so that a nozzle, *s*, may be inserted for an injection, or a rose, *t*, for a sprinkler, or a spreader, *u*, for simply supplying the water, without its jetting up.

It will now be understood that the hot or cold water, or the two commingled, can be supplied directly as an injection, or pass into the bath-tub in a regular supply or as spray; also that any desired quantity of liquid can be introduced into the syringe, either in the form of water of any desired temperature, or of medicated ingredients, and that the pressure with which they are injected will depend upon the weight applied to the piston. The apparatus is entirely under the control of the person using it, and an attendant is unnecessary under ordinary circumstances. It is preferable to have a movable stool or seat, to be introduced in the bath-tub *a*, to support the person while the injector or sprinkler is being made use of.

What I claim, and desire to secure by Letters Patent, is—

1. The syringe *k*, fitted with a piston to receive movable weights, and provided with supply pipes and discharge cock, as and for the purposes set forth.
2. The arrangement of pipes and cocks specified, in combination with the bath-tub, as and for the purposes set forth.

In witness whereof I have hereunto set my signature this sixteenth day of July, A. D. 1867.

JAMES INGRAM.

Witnesses:

CHAS. H. SMITH,  
GEO. T. PINCKNEY.