

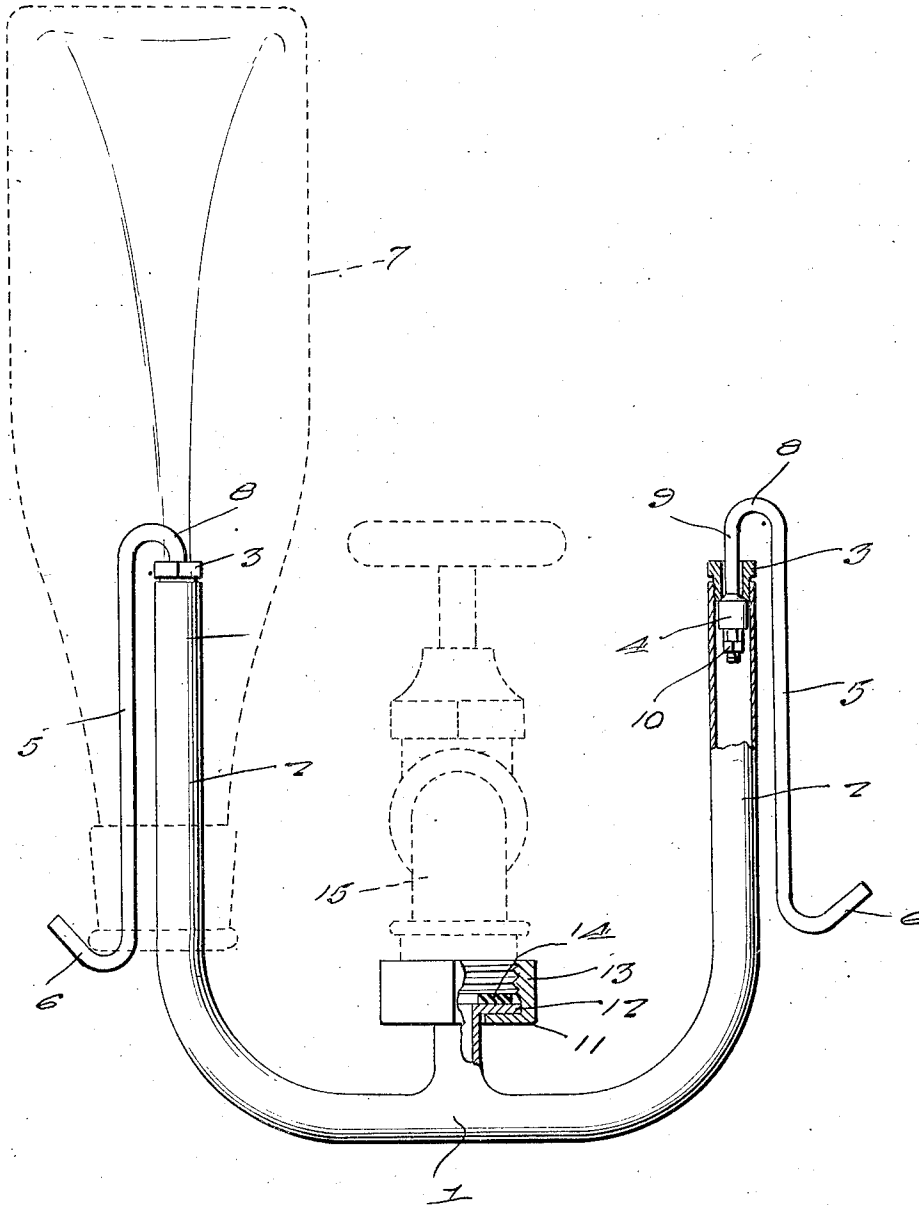
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BOTTLE RINSER

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BOTTLE RINSER.

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This invention relates to an improved appliance for rinsing bottles, the same being particularly adapted for rinsing milk bottles, and therefore having specific reference to a domestic appliance in the form of an attachment to be connected with a conventional water passage such as is found upon ordinary kitchen sinks.

The principal object is to provide an exceedingly simple and inexpensive attachment, adaptable for connection to a faucet or spigot having a threaded discharge neck or a plain neck, the attachment embodying valved means whereby two milk bottles may be simultaneously rinsed.

More specifically, the invention comprises a pipe which is connected with the spigot at its center, thus providing branches at the opposite ends, and these branches being provided with valves automatically closed by the water supply from the spigot, and there being novel means in association with the valve for supporting the bottles and for simultaneously opening the valves.

Other objects and advantages of the invention will become apparent from the following description and drawing.

In the accompanying drawing forming a part of this application and in which like numerals are employed to designate like parts throughout the same:

The figure represents a spigot attachment in section and elevation and constructed in accordance with the invention, showing a milk bottle and a spigot in dotted lines to indicate the method of attachment and use.

In carrying out the invention I employ a single pipe 1, and this has its opposite ends bent upwardly to provide a pair of spaced parallel vertical branches 2. Each branch is internally screw threaded at its free or discharge end and a bushing 3 is fitted into this end. The bushing has its inner end constructed to provide a valve seat. Cooperable with this seat is a fluid closed valve 4 of appropriate construction. In order to operate the valve I provide novel means. The means comprises a small wire rod 5 bent at its lower end to provide a hook 6 for reception of the mouth of the bottle 7. The upper end of the rod is bent upon itself as indicated at 8, and the depending portion 9 is extended through the tubular bushing and into the interior of the adjacent branch. The extremity of this down bent part 9 is screw threaded and clamping

nuts 10 are threaded thereon to hold the valve 4 in place. In this way a combined bottle suspension hook and valve operating member is provided. Obviously, the upward pressure of the head of water in the adjacent branch serves to automatically seat the valve when there is no weight upon the hook 6. But upon placing the bottle over the valved end of the branch and seating it in the hook, the weight is sufficient to open the valve and to allow the water to spray the interior of the bottle.

It will be observed that a fluid intake neck 11 is integral with or fastened to the intermediate portion of the pipe in any appropriate manner, this neck having a lateral flange 12 upon its free end with which a coupling 13 has swivel connection. In order to provide a fluid tight joint, a washer 14 is seated within the coupling. In this connection, I would state that the coupling and construction of the neck 11 will vary according to the particular circumstances. In some instances the neck will be disposed at an angle with respect to the two branches 2 in order to space the bottle from the back of the sink, wall, or other part upon which the spigot 15 is mounted. Also in some instances a smooth mouthed spigot may be encountered and under such circumstances a different type of a coupling, for instance a conventional friction coupling must be provided.

From the foregoing description and drawing it will be seen that I have produced a novel, simple and effective attachment for an ordinary house spigot or the like, whereby the city water pressure may be utilized for rinsing milk bottles and the like. While the device is highly adapted for domestic use, it is not to be restricted to this use, for it is equally well adapted for dairy and other uses. Furthermore, the principle of the construction is such as to permit glasses, and other receptacles to be rinsed thereby.

It is thought that the description taken in connection with the drawings will enable persons skilled in the art to which the invention relates to obtain a clear understanding of the same. For this reason a more lengthy description is thought unnecessary.

While the preferred embodiment of the invention has been shown and described, it is to be understood that minor changes coming within the field of invention claimed may be resorted to if desired.

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

5 In a bottle rinser, a pipe having its opposite ends bent to provide a pair of upstanding water discharge branches, means connected to the intermediate portion of the pipe whereby it may be connected with a conventional water passage, a tubular bush-
10 ing fitting into the discharge end of each of said branches, the inner end of each bush-

ing being fashioned to provide a valve seat, a valve cooperable with each seat, and a rod for each bushing, each rod having its upper end bent downwardly and extending through 15 one of said bushings and connected with its respective valves and having its lower end disposed to provide an outwardly extending suspension hook.

In testimony whereof I affix my signature

HENRY W. DIERSEN.