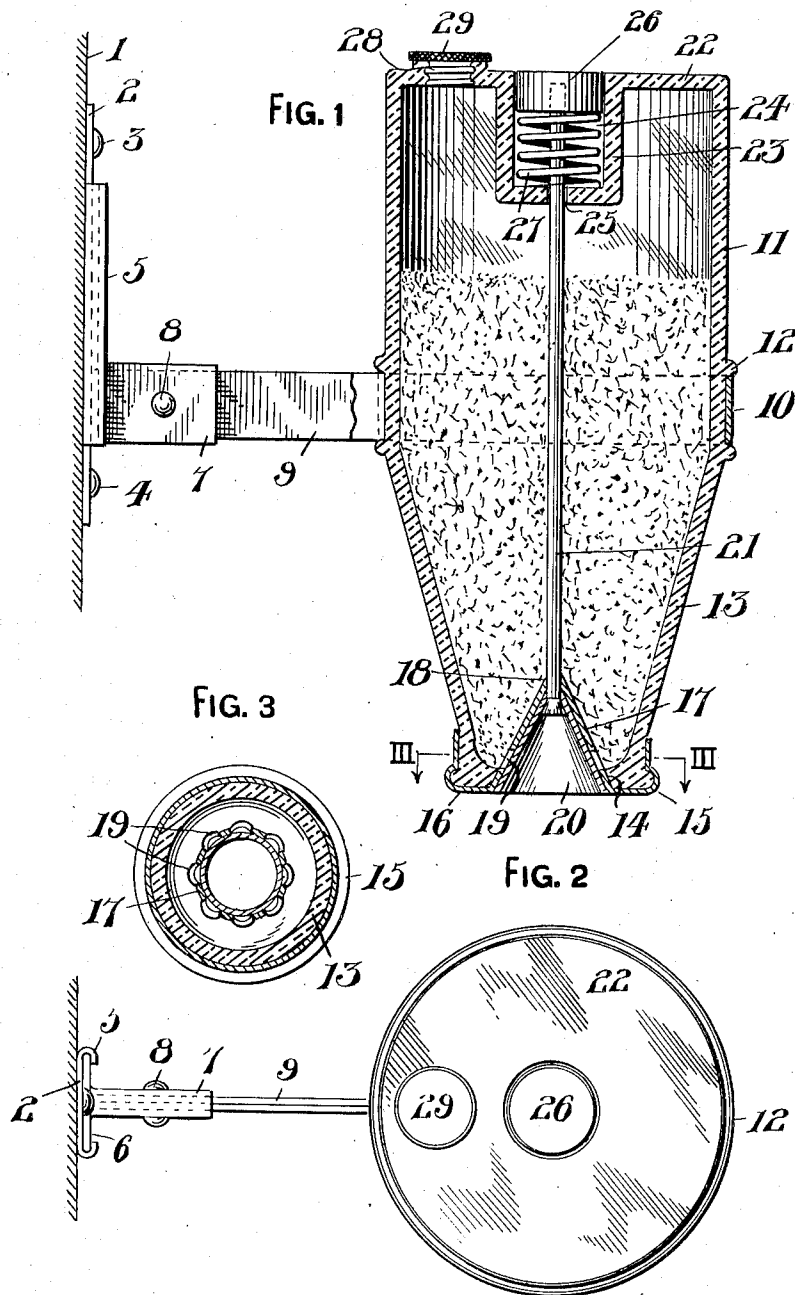


R. C. ZIRINGER.
POWDER OR LIQUID RECEPTACLE.
APPLICATION FILED FEB. 17, 1912.

1,043,656.

Patented Nov. 5, 1912.



WITNESSES
J. A. Hoffman,
Ralph C. Evert.

INVENTOR
R. C. Ziringer
BY *W. C. Ewert & Co.*
ATTORNEYS

UNITED STATES PATENT OFFICE.

ROSCOE CONKLING ZIRINGER, OF PITTSBURGH, PENNSYLVANIA.

POWDER OR LIQUID RECEPTACLE.

1,043,656.

Specification of Letters Patent.

Patented Nov. 5, 1912.

Application filed February 17, 1912. Serial No. 678,212.

To all whom it may concern:

Be it known that I, ROSCOE CONKLING ZIRINGER, a citizen of the United States of America, residing at Pittsburgh, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Powder or Liquid Receptacles, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to a powder or liquid receptacle especially designed for holding powdered or liquid soap in lavatories.

The primary object of my invention is to provide a movable receptacle with a valvular member, said receptacle and said valvular member coöperating in the discharge of powdered soap or other detergent material.

Another object of this invention is to provide a detergent holder that can be located above a washstand, sink, basin or other toilet receptacle for supporting powdered or liquid soap to be used at one's convenience.

A further object of this invention is to provide a detergent holder that is inexpensive to manufacture, durable and highly efficient for the purposes for which it is intended.

With the above and other objects in view, the invention resides in the novel construction, combination and arrangement of parts to be hereinafter specifically described and then claimed.

Reference will now be had to the drawing, wherein:—

Figure 1 is a vertical sectional view of a detergent holder in accordance with this invention, Fig. 2 is a plan of the same, and Fig. 3 is a horizontal sectional view taken on the line III—III of Fig. 1.

The reference numeral 1 denotes a wall or other support provided with a face plate 2 that is secured thereto by screws 3 and 4 or other fastening means. The face plate 2 has the longitudinal edges thereof provided with guides 5 for a head 6, carried by the inner end of a rectangular sleeve 7, the head 6 being placed in engagement with the guides 5 prior to mounting the screw 3 in the wall or support 1.

Fixed in the sleeve 7 by a rivet 8 or other fastening means are the ends 9 of a band 10 that encircles an inverted bottle-shaped receptacle 11, preferably made of glass.

The receptacle 11 has circumferentially arranged parallel ribs 12 between which is arranged the band 10, these rivets preventing vertical displacement of the receptacle 11 relatively to said band. The lower end of the receptacle 11 is tapered, as at 13 and provided with a beveled opening 14 and an exterior annular bead 15. Mounted upon the lower tapering end of the receptacle is a cap 16 that embraces the bead 15, said cap having a conical-shaped seat 17 that extends into said receptacle and has the apex thereof provided with an opening 18. The seat 17 has circumferentially arranged openings 19 that are closed by a horizontal conical-shaped valve 20 carried by the lower end of a valve stem 21 that extends through the opening 18 of the seat 17 and upwardly in the receptacle 11.

The top of the receptacle 11 is closed, as at 22 and has a central depressed portion 23 providing a socket 24. The bottom of the socket 24 has an opening 25 for the upper end of the valve stem 21, the upper end of said stem having a push button or head 26 that is guided by the walls of the socket 24. Encircling the valve stem 21, within the socket 24, is a coiled spring 27 for supporting the push button in an elevated position and the tension of said spring is sufficient to keep the conical-valve 20 in a closed position. The top of the receptacle 11 has a filling opening 28 normally closed by a screw plug 29. The filling opening 28 permits of a powder or liquid being placed within the receptacle.

When a powdered detergent is used in the receptacle 11, the top of the receptacle is gripped by the hand, the push button 26 pressed by the thumb or finger to open the valve 20, and then the receptacle is shaken by rapidly raising and lowering the same whereby the powder within the receptacle will pass through the openings 19 and drop on to the hand held under the receptacle or into a basin over which a receptacle is located. When the receptacle is raised and lowered, the head 6 slides between the guides 5 of the face plate 2. When the receptacle 11 contains a liquid, it is not necessary to raise and lower the same.

The receptacle 11 is preferably made of a vitreous material and the remainder of the device of light and durable metal.

From the foregoing it will be observed that the face plate 2 constitutes a support

and that the elements 6 to 10 inclusive constitute a bracket that is movably attached to the support. It is in this connection that I reserve the right to use any suitable
5 bracket for supporting the receptacle.

What I claim is:—

10 A powder or liquid receptacle comprising an inverted bottle-shaped body capable of being detachably connected to a suitable support, the enlarged upper end of said
15 body being closed and provided with a centrally disposed depressed cylindrical portion, the lower end of said body being reduced and formed with an opening, a cap mounted upon the lower end of said body
and having a vertically disposed cone-shaped extension projecting into the body and constituting a seat, said extension hav-

ing a plurality of outlets, a vertically movable valve stem extending through said depressed portion and through the apex of
20 said extension, a valve carried by the lower end of said stem and normally engaging said seat for closing said outlets, a button mounted upon the upper end of said valve
25 stem and within said depressed portion, and a coiled spring interposed between the base of the depressed portion and said button for normally retaining the valve closed.

In testimony whereof I affix my signature 30 in the presence of two witnesses.

ROSCOE CONKLING ZIRINGER.

Witnesses:

MAX H. SROLOVITZ,
CHRISTINA T. HOOD.