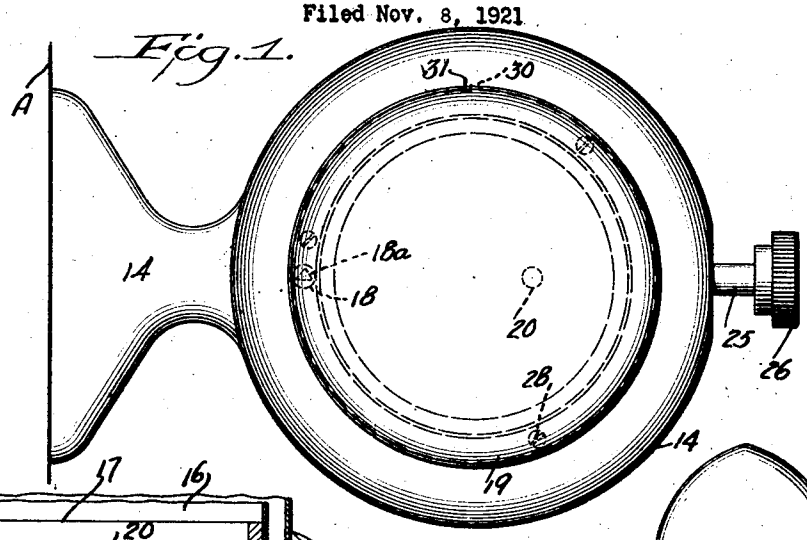
March 10, 1925. 1,529,388

J. D. BRANT

SOAP DISPENSER

Filed Nov. 8, 1921

Fig. 1.



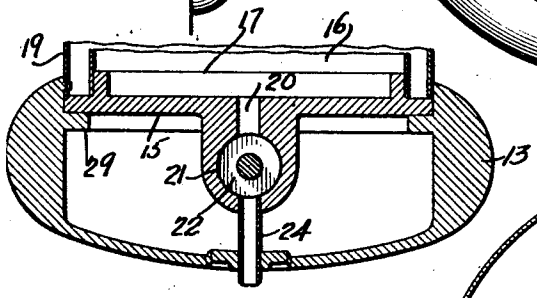


Fig. 3.

Fig. 4.

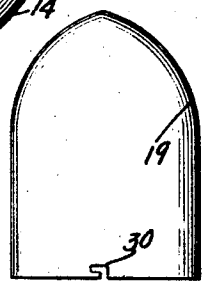
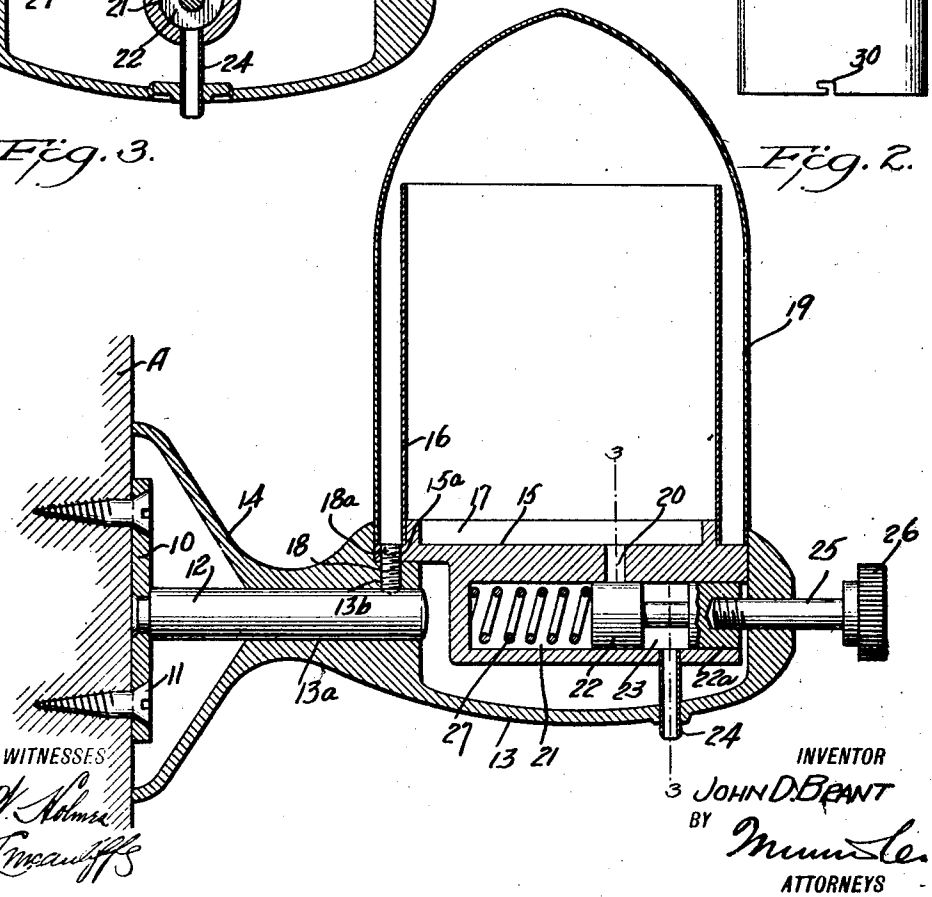


Fig. 2.



WITNESSES

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UNITED STATES PATENT OFFICE.

JOHN D. BRANT, OF SOMERVILLE, NEW JERSEY.

SOAP DISPENSER.

Application filed November 8, 1921. Serial No. 513,810.

To all whom it may concern:

Be it known that I, JOHN D. BRANT, a citizen of the United States, and a resident of Somerville, in the county of Somerset and State of New Jersey, have invented a new and Improved Soap Dispenser, of which the following is a description.

My invention relates to dispensers for liquid or powdered soap such as are affixed to a wall or like support in a lavatory and the general object of the invention is to provide a construction that will defeat or hamper the attempts to steal the dispenser or the parts thereof.

A further object of the invention is to provide a novel assemblage of simple parts involving a measuring device to cause a limited quantity of the soap to be dispensed.

The nature of the invention and its distinctive features and characteristics will more clearly appear as the description proceeds.

Reference is to be had to the accompanying drawings forming a part of this specification, it being understood that the drawings are merely illustrative of one example of the invention.

Figure 1 is a plan view of a soap dispenser embodying my invention;

Figure 2 is a longitudinal vertical section;

Figure 3 is a cross section as indicated by the line 3—3, Figure 2,

Figure 4 is a side view of the cover for the soap cup.

In carrying out my invention in accordance with the illustrated example a bracket plate 10 is provided, adapted to be secured to a wall A or like support as for example by screws 11 and projecting from said bracket plate is a forwardly extending stud or spindle 12. A base 13 is provided having a hollow flaring end 14 adapted to cover and form concealment of the supporting bracket 10. Adjacent to the hollow end 14 of the base 13 the latter is formed with a horizontal bore 13^a to receive the spindle 12 so that the base has support on said spindle.

The base 13 accommodates the bottom 15 of a soap cup 16, the cup proper being separate and in the form of a shell fitting at its lower end over the annular flange or neck 17 on said bottom 15. A vertical screw hole 13^b is formed in the base 13 to intersect the bore 13^a and a registering screw hole 15^a is formed in the bottom 15 adjacent to the edge, said holes receiving a screw 18 which binds against the spindle 12 and lies flush with the upper surface of the bottom 15 and is adapted to receive a wrench or turning device of particular form, said screw having in the illustrated example a triangular depression or socket 18^a to receive the triangular head of the turning pool, not shown. A dome-shaped cover 19 is provided for the cup 16 and rests at its bottom edge on the bottom 15 within the upper edge of the base 13, thereby being disposed outside of the screw 18 to make the latter inaccessible except by removing the cover 19 to expose said screw and making it then necessary to possess a special turning tool to loosen the screw 18 and permit the base to be slipped from the spindle 12.

In the bottom 15 of the soap cup is a vertical outlet hole 20 leading to a horizontal cylinder 21 in which operates a piston 22 formed approximately centrally thereof with a chamber 23 adapted to be alternately brought into register with the outlet 20 and with a discharge pipe 24 leading from the cylinder 21 to the bottom of the base 13. The operating rod 25 of piston 22 extends through the outer end of the base 13 to the exterior of the latter and is formed with a head 26 or the like. A compression spring 27 is disposed in the cylinder 21 and abuts at one end against the piston 22 and at its opposite end against the rear end of the cylinder 21, said spring acting to restore the piston after the latter has been moved forwardly.

Normally, the piston 22 at its forward end is automatically positioned to close the outlet 20 from the soap cup. A forward movement of the piston 22 by pressure against the head 26 will bring the chamber 23 of the piston into register with the outlet 20 and the rear portion 22^a of said piston will then cut off the discharge pipe 24 so that at no time is there direct communication between said outlet 20 and the discharge pipe 24. The movement of the piston to bring the chamber into register with the outlet 20 will enable said chamber to be filled with soap, whereupon the pressure of the head 26 is relieved, permitting the spring 27 to restore the piston to a position closing the outlet 20 and bringing the cham-

ber 23 into register with the pipe 24 for the escape of a quantity of soap proportionate to the capacity of the chamber 23.

The bottom 15 is secured to the base 13 by screws 28 engaging in a ledge 29 on said base and supporting said bottom. The cover 19 is formed with a bayonet slot 30 in its lower edge to engage a stud 31 on the base, said bayonet slot being concealed within the upper edge portion of the base 13.

I would state in conclusion that while the illustrated example constitutes a practical embodiment of my invention, I do not limit myself strictly to the exact details herein illustrated, since, manifestly the same can be considerably varied without departure from the spirit of the invention as defined in the appended claims.

Having thus described my invention, I claim:

1. A dispensing device of the class described and supporting means therefor, comprising a bracket adapted to be secured to a support, a spindle projecting forwardly from said bracket, a base having a bore accommodating said spindle and formed with a hollow end covering and concealing said bracket, means to fasten the base to said spindle, a soap dispensing cup supported on said base, a dispensing means for controlling the outflow from said cup, and a cover extending over said cup and over said fastening means.

2. In a dispensing device of the class described, a bracket adapted to be secured to a support, a lateral spindle on said bracket, a soap cup, a separate bottom for said soap cup, a base fitting on said bracket and housing said bracket and its said spindle, said separate bottom of the soap cup supported on said base, and means fastening said cup bottom to said base and fastening said base to said spindle.

3. In a dispensing device of the class described, a supporting bracket having a forwardly extending spindle, a base having a bore fitting said spindle, the said base forming a cover concealing said bracket, a set screw fastening the base to the spindle, a soap cup supported on said base, and a cover for covering said cup and concealing said set screw.

4. A dispensing device of the class described, including a base, a soap cup, cup-supporting means on said base, soap-discharging means optionally operable to discharge soap from said cup, and a cover in the form of an inverted cup covering said soap cup and supported on said base outside of the soap cup.

5. A dispensing device of the class described comprising a base, a soap cup having a bottom supported on said base, means outside of the cup and serving to fasten said cup bottom to said base, and a cover over said cup and supported on said base outside of said fastening means; together with manually operable means to optionally discharge material from said cup.

6. A dispensing device of the class described, including a base, a cup comprising a shell open at its upper and lower ends, and a bottom separate from the shell and closing the lower end of the shell; together with means to discharge material from the shell through said bottom and a cover for said shell and concealing the same.

7. A dispensing device of the class described, including a cup having an open top, a support for said cup, dispensing means in said support to optionally discharge material from said cup, and a cover in the form of an inverted cup secured to said support and covering said first-mentioned cup and concealing the same, said inverted cup being permanently closed at the top and sides and open at the bottom only.

8. In a dispensing device of the class described, a bracket adapted to be secured to a support, a lateral spindle projecting from said bracket, a base fitting on said spindle and having a hollow member, said base and its said hollow member housing and concealing said bracket and spindle, and a soap cup supported on said base; together with means in the base optionally operable to discharge material from said cup.

JOHN D. BRANT.