Sept. 9, 1952 C. R. JOHNSON 2,609,558

FOUNTAIN PAINTBRUSH

Filed Oct. 7, 1949

Fig. 1.

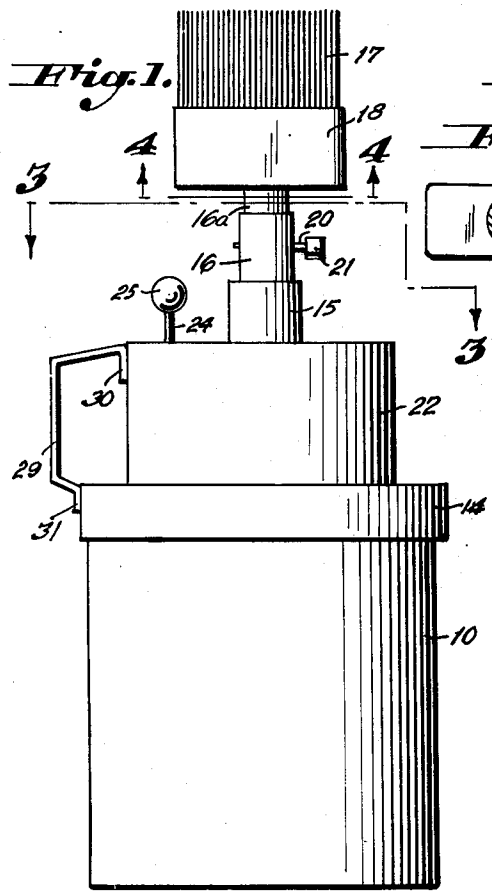


Fig. 2.

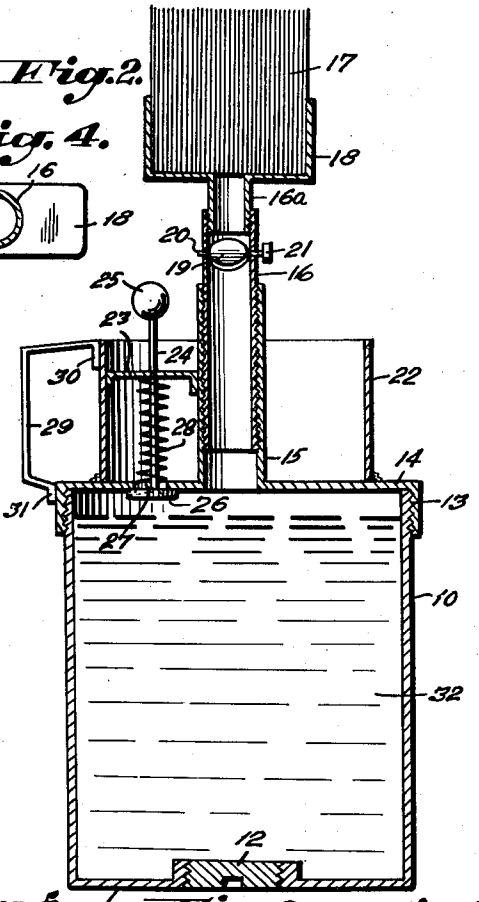


Fig. 4.

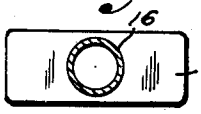


Fig. 5.

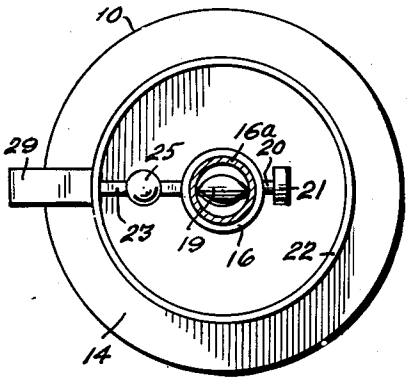


Fig. 6.

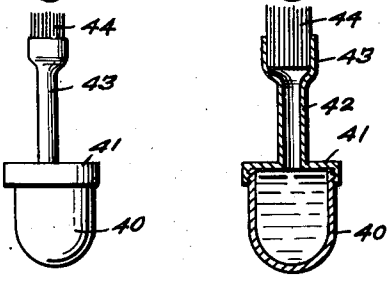
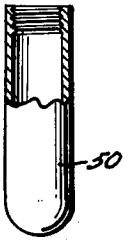


Fig. 7.



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FOUNTAIN PAINTBRUSH

Charles R. Johnson, Los Angeles, Calif.

Application October 7, 1949, Serial No. 120,087

1 Claim. (Cl. 15—131)

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The present invention relates to a fountain paint brush and it consists in the combinations, constructions and arrangements of parts herein described and claimed.

Generally there is provided a fountain paint brush comprising a reservoir to which is threadably connected a cover having a tubular member upwardly extending therefrom and in which is threadably mounted a hollow cylindrical handle of a paint brush having mounted therein a valve for controlling the flow of paint therethrough. Affixed to the cover is an upwardly extending annular drip trap. A valve is provided in the cover within the drip trap and is provided with an operating handle which is normally retained in a closed position by a spring. In another form the invention may assume there is provided a reservoir having a cover threadably connected therewith, which cover is provided with a hollow cylindrical supply tube in the outer end of which is affixed a brush. In this form of the invention excess paint not utilized by the brush may drain backwardly through the supply tube by placing the device with the brush in an upward position.

It is accordingly an object of the invention to provide a device of the character set forth which is simple in construction and operation, inexpensive to manufacture and yet effective and efficient in use.

Another object of the invention is to provide, in a device of the character set forth, novel means for entrapping and salvaging excess paint applied to the brush thereof.

A further object of the invention is the provision of a novel valve forming a part of the invention.

A still further object of the invention is the provision of novel means for regulating the flow of paint to a brush from a reservoir forming a part of the invention.

Other and further objects of the invention will become apparent from a reading of the following specification taken in conjunction with the drawing, in which

Figure 1 is a side elevational view of an embodiment of the invention,

Figure 2 is a vertical sectional view thereof,

Figure 3 is a sectional view taken along line 3—3 of Figure 1,

Figure 4 is a sectional view taken along line 4—4 of Figure 1,

Figure 5 is an elevational view of a modified form the invention may assume,

Figure 6 is a vertical sectional view of Figure 5,

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Figure 7 is an elevational view, partly broken away, of an extra handle which forms a part of the invention.

Referring more particularly to the drawing, there is shown therein a fountain paint brush having a reservoir 10 in one end of which is affixed a permanent end wall 11 wherein is centrally and threadably mounted a filler cap 12.

The other end of the reservoir 10 has threadably mounted therein, as indicated at 13, the cover 14. Centrally mounted and extending outwardly from the cover 14 is a cylindrical supply tube 15 which has interiorly threaded therein a hollow cylindrical handle 16 which is exteriorly threaded upon a tube 16a which, in turn, communicates with the inner ends of bristles 17 forming a paint brush, which bristles are encompassed by a frame 18, the tube 16 being formed integrally with the frame 18.

Within the handle 16 there is provided a valve 19 which is mounted upon a transversely extending shaft 20 having an operating handle 21 at one end thereof.

Outwardly extending from the cover 14 and spaced from the supply tube 15 is an annular drip trap 22. A bracket 23 interconnects the inner wall of the drip trap 22 and the supply tube 15 and has vertically extending therethrough a rod 24 provided at its outer end with an operating handle 25 and at its inner end with a valve 26 which seats against the peripheral edges of an opening 27 provided in the cover 14 between the walls of the drip trap 22 and the supply tube 15. A spring 28 surrounds the shaft 24 and is adapted to urge the valve 26 upwardly against its seat.

A hand grip 29 is provided for the device and is affixed at one end to the upper edge of the drip trap 22, as indicated at 30, and at its other end to the outer edge of the cover 14, as indicated at 31.

In the operation of this form of the invention, it will be apparent that paint, indicated at 32, may be placed within the reservoir or container 10 through the filler cap opening, after which the filler cap 12 may be replaced. Thereupon the hand grip 29 may be grasped with one hand and the remainder of the device guided by the other hand of the operator and the flow of paint from the reservoir 10 through the tubes 15 and 16 to the brush 17 may be regulated by means of the valve 19 through manipulation of the handle 21. When the device is temporarily not in use it will be placed upon its end wall and supported thereby, whereupon excess paint coming from

the brush 17 will drop by gravity into the trap 22. It may then be readmitted into the container 10 by pressing the handle 25 to thereby open the valve 26.

In Figures 5 and 6 of the drawing, there is shown a modified form the invention may assume. In this case, there is provided a container 40 having a cover 41 threadably secured thereto. Centrally emanating from the cover 41 is a supply tube 42 in the outer end of which is provided an enlarged portion 43 for the reception of the bristles 44 of a brush.

In the operation of this form of the invention, the cover 41 may be removed from the container 40 in order to fill the container with paint, after which the cover may again be replaced and the device will then be ready for use. In this form of the invention, excess paint may be allowed to drain back into the container 40 through the supply tube 42 by placing the device with the brush 44 uppermost.

If desired, the frame 18 and its brush 17 and tube 16a may be removed from the handle 16 and a separate or extra handle 50, as shown in Figure 7, may be threadably connected to the tube 16a so that the same may be used as an ordinary brush.

While only certain forms of the invention have been shown and described herein, it will be readily apparent to those skilled in the art that many minor modifications may be made without departing from the spirit of the invention or the scope of the appended claim.

What is claimed is:

A device of the character described comprising a container, a cover removably mounted on said container, a supply tube extending from said cover, a brush at the outer end of the tube having its bristles in communication with the tube, a flow regulating valve in said supply tube, a drip trap comprising an annular outwardly extending wall affixed to the cover in spaced relation to the tube, and a manually operable return valve in said cover between the tube and the walls of the drip trap.

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