

C. E. STUBBS.  
 FOUNTAIN BRUSH.  
 APPLICATION FILED JAN. 20, 1910.

967,686.

Patented Aug. 16, 1910.

Fig. 1.

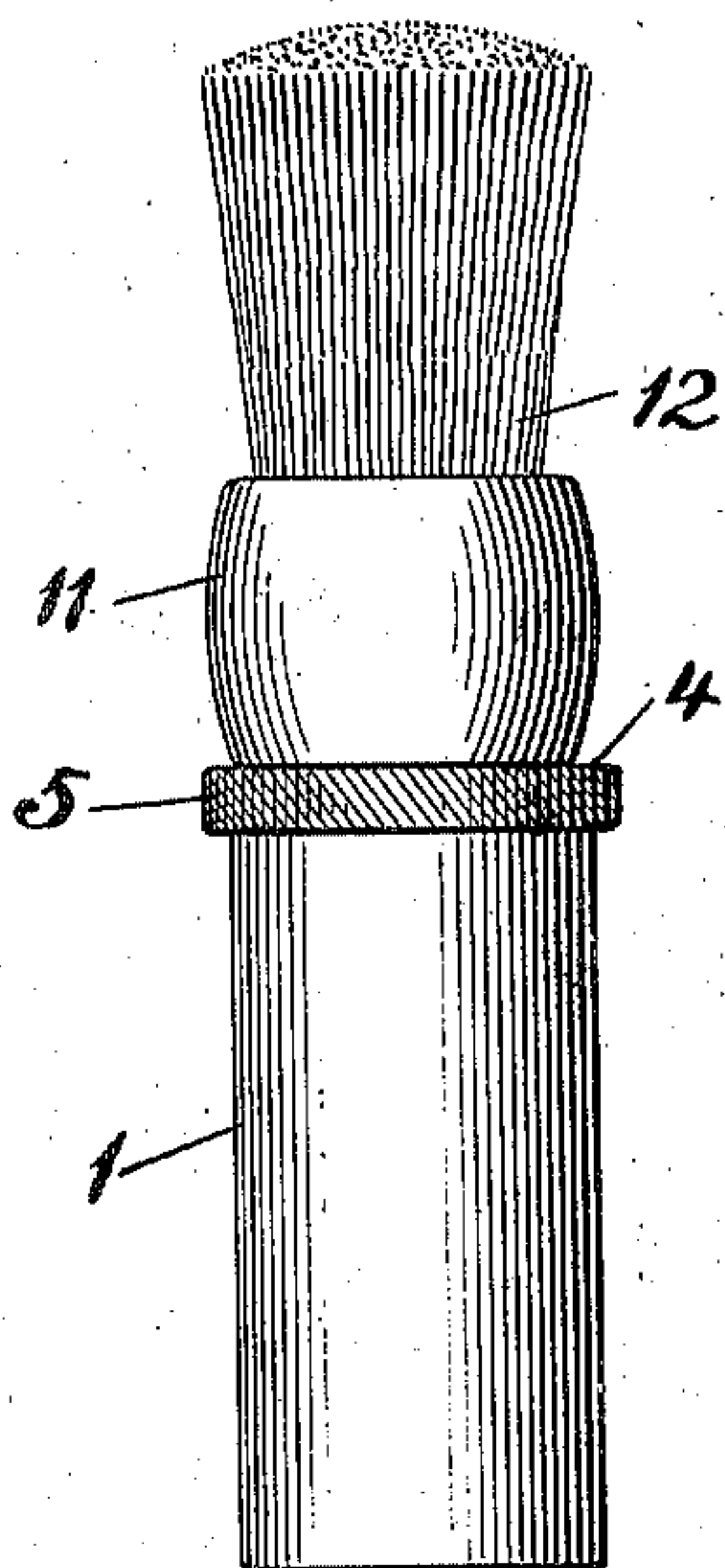


Fig. 2.

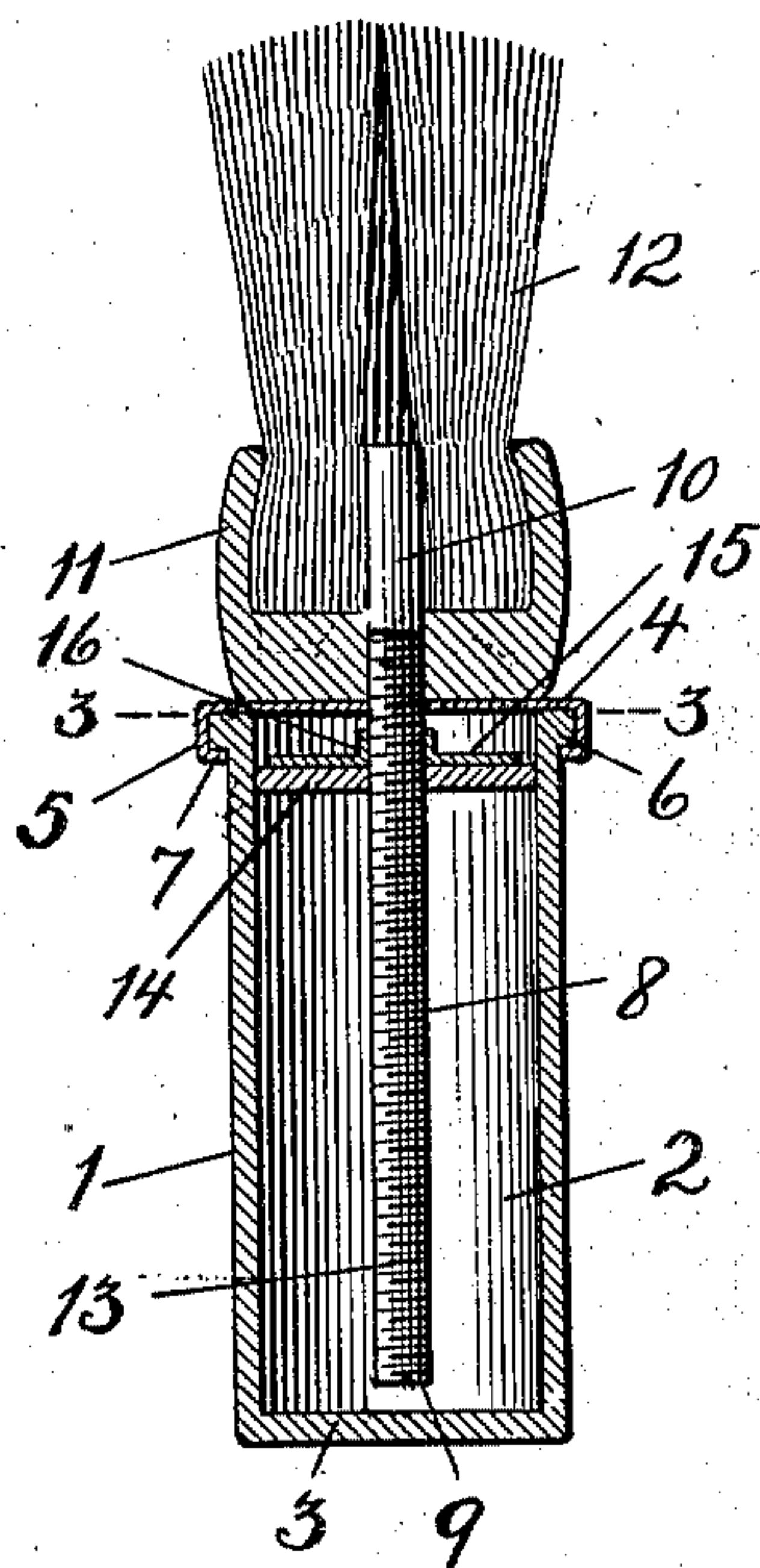
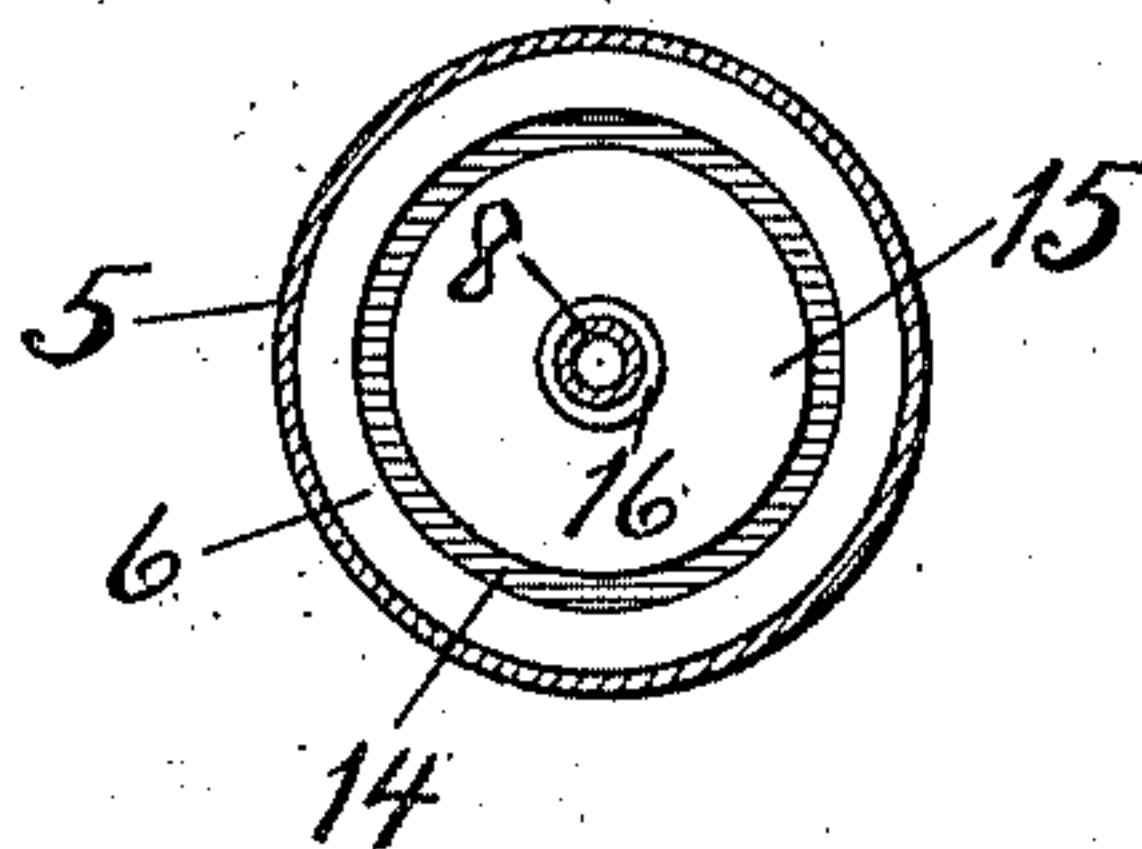


Fig. 3.



Witnesses

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# UNITED STATES PATENT OFFICE.

CLARENCE E. STUBBS, OF BALTIMORE, MARYLAND.

FOUNTAIN-BRUSH.

967,686.

Specification of Letters Patent.

Patented Aug. 16, 1910.

Application filed January 20, 1910. Serial No. 538,975.

*To all whom it may concern:*

Be it known that I, CLARENCE E. STUBBS, a citizen of the United States, residing at Baltimore, in the State of Maryland, have  
5 invented certain new and useful Improvements in Fountain-Brushes, of which the following is a specification.

This invention relates to improvements in fountain brushes and has for its object to  
10 provide an improved construction, combination and arrangement of brush and container whereby the material to be delivered to the brush may be readily forced from the container whenever desired.

15 The invention is illustrated in the accompanying drawing in which,—

Figure 1 is a side elevation of the improved brush and container. Fig. 2, is a vertical longitudinal section of the same,  
20 and Fig. 3, a horizontal cross-section thereof,—the section being taken on the line 3—3 of Fig. 2.

Referring to the drawing, the numeral, 1, designates the container or what may be  
25 termed the hollow handle portion of the brush which, in the present instance, is circular in cross-section and has a chamber, 2, therein. One end, 3, of the container in the present instance is permanently closed.

30 The upper end of the handle or container portion, 1, is provided with a cover, 4, having an annular depending flange, 5, which, after the material has been placed in the container has its lower edge, 7, turned inwardly to engage a shoulder, 6, on the handle or container but the engagement of said  
35 cover with the handle or container is such as to permit rotation between them.

A tube, 8, extends longitudinally in the  
40 handle or container and has its upper end extending through and opening above the cover thereof and its lower end, 9, is open to the chamber, 2, so as to form a central passageway through the chamber and to the  
45 outer side of the cover. Obviously the lower end of the tube may have any form of opening to permit communication between its central passage and the chamber, 2, but in the present instance said tube merely hangs  
50 pendently below the cover with its lower end, 9, terminating immediately above the closed end, 3, of the container so that material in the chamber may pass up through the lower open end of the tube.

55 It is to be understood that the tube, 8, has no longitudinal movement in the cham-

ber, 2, but does have a rotary movement therein for a purpose presently to be described.

The upper end, 10, of the tube enters and  
60 engages a head, 11, of the brush and is rigid therewith so that the head and tube may turn together, and said discharge end of the tube projects into the center of the bunch of  
65 bristles, 12.

The brush head, 11, and rotatable cover, 4, are rigid with respect to each other so they will revolve with the tube and the inturned edge, 7, of the flange, 5, thus holds the brush head and tube against vertical move-  
70 ment with respect to the container.

That portion of the tube that enters the chamber, 2, is provided with exterior screw threads, 13, and a disk or head, 14, is movable longitudinally on the tube as the latter  
75 is rotated.

The disk or head is preferably of thick cork or similar material and in order to reinforce the same on the upper side, I provide a plate, 15, having a central up-turned  
80 flange, 16, which is screw-threaded so as to engage the threads on the tube, 8, and thus be made to travel longitudinally on the tube as the latter is revolved. It will be understood that when the chamber, 2, contains  
85 material that is to be forced through the tube the disk or head, 14, will seat against the surface thereof and by frictional contact with it and also with the walls of the container will be prevented from rotating  
90 with the screw.

To operate the device it is only necessary to rotate the tube which may be done by turning the brush head while holding the handle or container rigidly. The rotation  
95 of the tube will cause the disk or head, 14, to move downwardly on the threaded exterior of the tube thus applying pressure on the upper surface of the contents in the chamber, 2, and forcing the same toward  
100 the closed end of the chamber and up through the central passage of the tube to the brush bristles.

Having thus described my invention what I claim and desire to secure by Letters Pat-  
105 ent is,—

1. In a fountain brush the combination with a receptacle, of a tube having one end projecting from the receptacle and the other end extending into the receptacle toward the  
110 bottom,—said tube having an opening in its lower end near the bottom of the receptacle



to receive materials forced downwardly in said receptacle; a disk movable on said tube toward the lower end of the receptacle to force the material toward the bottom of the receptacle and through the opening in the lower end of the tube, and bristles at the outer end of the tube.

2. In a fountain brush the combination with a receptacle, of a tube extending from outside of and downwardly into the receptacle to a point adjacent the bottom of the latter and having an outer discharge opening and an opening near the bottom of the receptacle for the entrance of material from the receptacle, said tube having exterior screw threads; a disk movable longitudinally on the threads of the tube toward the bottom opening of the latter to force the contents downwardly into the receptacle and through the tube and bristles at the outer discharge opening of the tube.

3. In a fountain brush the combination with a receptacle having an exterior shoulder at one end, of a cover at the end of the

receptacle and having a flange to loosely engage said shoulder on the receptacle whereby the cover may be rotated; a tube extending into the receptacle and projecting through and rotating with the cover,—said tube having an inlet from the receptacle near the bottom thereof and an outlet at its projecting end and exterior to the cover and also having circumferential screw threads; a disk having screw-threaded engagement with the tube and located on the latter between the inlet thereto and the said cover, and a head detachably secured on the projecting end of the tube and having bristles at the outlet from the tube, and said head, tube and cover being rotatable together.

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

CLARENCE E. STUBBS.

Witnesses:

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