No. 757,628. PATENTED APR. 19, 1904.

A. B. LANDRETH.

FOUNTAIN BRUSH.

APPLICATION FILED APR. 1, 1902.

NO MODEL.

FIG. 1.

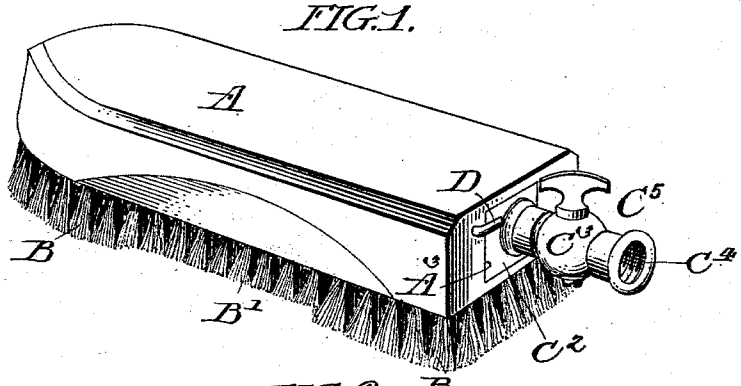


FIG. 2.

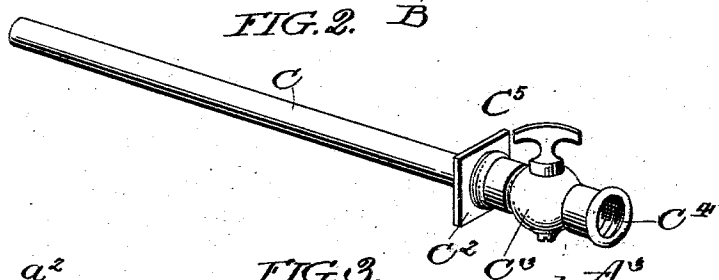


FIG. 3.

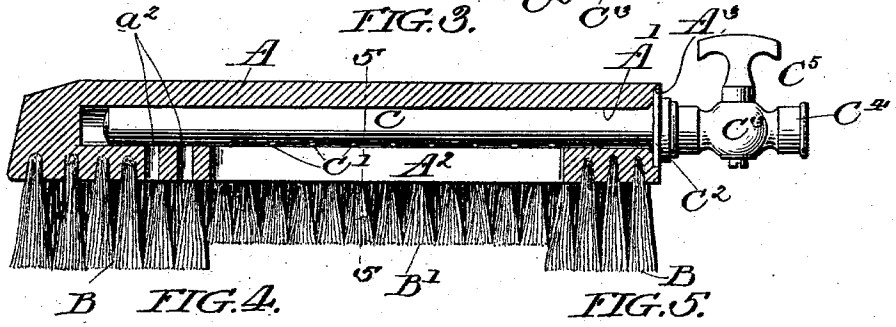


FIG. 4.

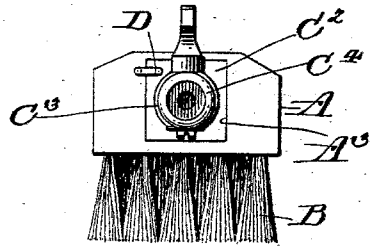


FIG. 5.

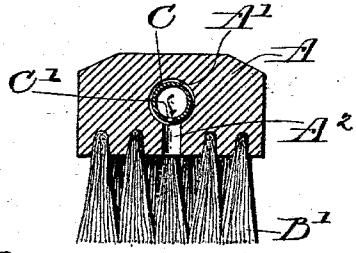
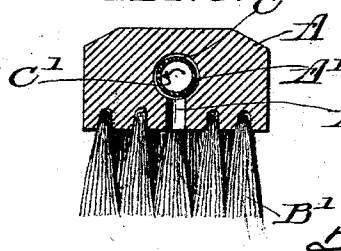


FIG. 6.



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No. 757,628. Patented April 19, 1904.

UNITED STATES PATENT OFFICE.

ANNIE B. LANDRETH, OF BRISTOL, PENNSYLVANIA.

FOUNTAIN-BRUSH.

SPECIFICATION forming part of Letters Patent No. 757,628, dated April 19, 1904.

Application filed April 1, 1902. Serial No. 100,892. (No model.)

To all whom it may concern:

Be it known that I, ANNIE B. LANDRETH, a citizen of the United States of America, residing in Bristol, in the county of Bucks and State of Pennsylvania, have invented a certain new and useful Improvement in Fountain-Brushes, of which the following is a true and exact description, reference being had to the accompanying drawings, which form a part thereof.

My invention relates to the class of brushes and similar implements which may be called "fountain-brushes"—that is to say, which are so constructed and connected with a water-spout that further water is supplied through the brush to the object being scrubbed.

The object of my invention is to provide a fountain-brush of great simplicity of construction in which the fountain attachments are of such character as to interfere in the least possible degree with the ordinary modes of use of the brush, in which the fountain attachment can be readily inserted or withdrawn, and in which certain convenient adjustments can be made.

The nature of my improvements will be best understood as described in connection with the drawings, in which they are illustrated, and in which—

Figure 1 is a perspective view of my fountain-brush; Fig. 2, a perspective view of the fountain attachment; Fig. 3, a longitudinal central section through the brush, showing the fountain attachment in place; Fig. 4, a rear end elevation of the brush; Fig. 5, a cross-section taken as on the line 5 5 of Fig. 3, and Fig. 6 a similar cross-section showing the fountain attachment in a somewhat different position.

A indicates the back of the brush, which is shown as having substantially the usual and convenient outlines of an ordinary scrubbing-brush.

A′ is a longitudinal recess formed through the back of the brush, opening through its rear end, and a^2 A^2 are openings extending through the bottom of the brush-back and communicating with the recess A′, as shown.

A^3 indicates a locking-recess formed around the end of the perforation A′ at the rear end of the brush-back. As shown, it is of square outline; but the outline of the locking-recess can be changed and, indeed, any convenient equivalent locking device used for holding the fountain-tube in the proper angular position.

B and B′ indicate the bristles of the brush, secured in the ordinary way on the face of the back.

C indicates the fountain or water-supply tube or pipe of a nozzle C^5, which pipe is inserted through the rear end of the brush into the recess A′ and is formed with openings through which the water escapes. As shown and as most conveniently constructed, these openings are in the form of a series of perforations, such as are indicated at C′. To the nozzle C^5 is attached a square metal plate C^2, which when the tube is inserted in the brush-back fits into the locking depression A^3, as shown, holding the outlet-perforations of the tube in the position determined on as most desirable. Thus the perforations may register with the openings A^2 a^2, as indicated in Fig. 5, or the fountain-tube may be turned to an angle of ninety degrees, so that the perforations C′ face the lateral sides of the recess A′, as indicated in Fig. 6, and in this way the force due to the pressure of the water-supply is broken and the water will pass out of the openings without force.

C^3 indicates a cock with which the nozzle is provided and having the usual coupling C^4, by which it can be connected with the hose.

Of course any convenient device may be used for securing the fountain-tube to the brush-back while in use, a turn-button D being illustrated as used for this purpose and being well adapted and of simple construction.

It will be observed that my brush is of simple and easy construction, well adapted for use in the ordinary way, and that the fountain attachment can be inserted and connected with the brush instantly and disconnected with the same ease. When in place and in use, a supply of water flows from the back of the brush through the bristles, the nature of the supply being, of course, regulated by a stop-cock.

Having now described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A brush, having a recess extending longitudinally into the back from one end, leaving the sides and back of the brush unobstructed so as to be used while held in the hand, an attachable and detachable nozzle having a pipe projecting into the recess, a cock outside of the recess, and a coupling for connecting a hose or supply-pipe to the nozzle, and means for releasably attaching said nozzle to the brush with its pipe inclosed in the recess, said recess having longitudinally-arranged openings leading to the bristled face of the brush, and the pipe having a line of perforations communicating with said openings.

2. A brush having a recess extending longitudinally into the back from one end, leaving the sides and back unobstructed so as to be used while held in the hand, a detachable and attachable nozzle having a pipe projecting into the recess, a cock outside the recess, and a coupling for connecting a hose or supply-pipe thereto, an angular attaching-plate secured to the nozzle and adapted to fit in a correspondingly-shaped depression in the end of the brush at the mouth of the recess and means for releasably securing the plate in the depression in different positions, the recess in the back having openings leading to the bristled face of the brush, and the pipe having a line of perforations corresponding to the openings, the adjustment of the attaching-plate permitting the pipe to be set so as to bring its perforations into or out of register with the openings in the recess.

ANNIE B. LANDRETH.

Witnesses:
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