Nov. 27, 1928. 1,693,161

T. SANDRETTO

FOUNTAIN BRUSH

Filed Jan. 6, 1926

Fig. 1.

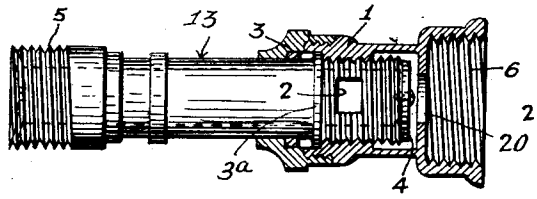


Fig. 2.

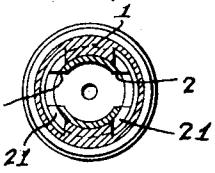


Fig. 3.

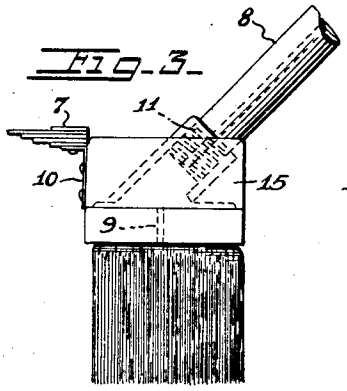


Fig. 4.

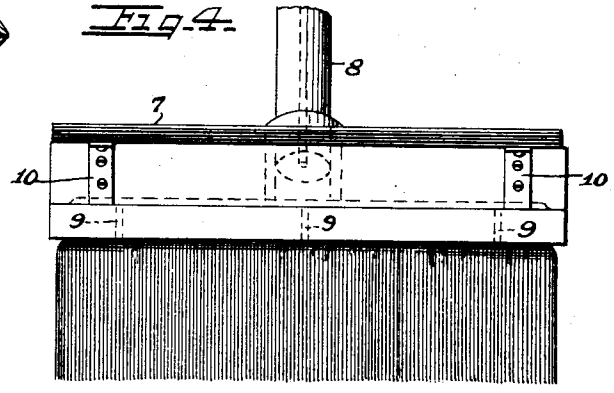


Fig. 5.

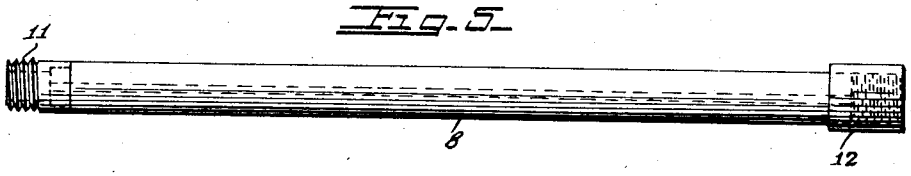
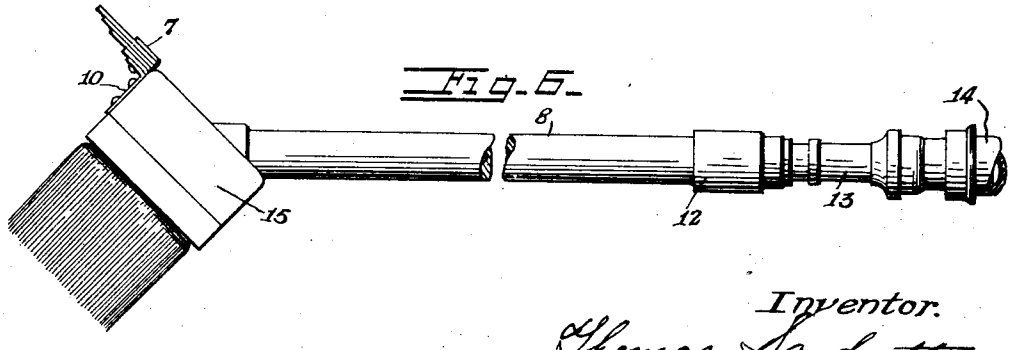


Fig. 6.



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UNITED STATES PATENT OFFICE.

THOMAS SANDRETTO, OF GARY, INDIANA.

FOUNTAIN BRUSH.

Application filed January 6, 1926. Serial No 79,665.

The present invention relates to fountain-brushes of the type particularly adapted for washing windows, walls and the like.

The main object of the invention is to provide a valve for a fountain brush for controlling the water supply.

The invention further resides in the sundry details of construction, combination and arrangement of parts hereinafter more fully described and pointed out in the appended claims.

In the specification and the annexed drawings, the invention is disclosed in the form in which it is considered to be the best, but the invention is not limited to such form because it is capable of being embodied in other forms; and it is to be understood that in and by the claims following the description herein it is intended to cover the invention in whatever form it may embody within the scope thereof.

In the drawings which illustrate the preferred embodiment of the invention as at present devised:—

Figure 1 is a side elevation of a water-controlling valve which forms part of the handle construction of the fountain brush, with parts in section to illustrate detailed construction;

Figure 2 is a transverse section through the valve;

Figure 3 is an end view of the brush-head;

Figure 4 is a front view of the brush as shown in Figure 3;

Figure 5 is a side elevational view of a section of the handle; and

Figure 6 is a side elevation of the brush with the various parts assembled.

Referring to the drawings in detail the brush head 15 is provided with an interior chamber communicating with the pipe or hollow handle 8, the chamber having slots 9 which distribute water or other liquids to various portions of the bristles. The squeegee or wiper is supported on the brush by suitable brackets 10. The handle 8 is threaded at 11 into the brush head and has a threaded coupling member 12 at the other end which receives the threaded end of the valve 13.

The valve 13 as shown in Figure 1 comprises a nipple-like pipe section 5 threaded at both ends, one end carrying the coupling member 1 which is provided intermediate its ends with a partition 4 having a central opening 20. The coupling 1 is threaded on an end of the section 5, but has said threaded portion provided with diametrically opposite cut-away portions or passages 21 which are adapted to register with the corresponding openings or slots 2 in the section 5. The threaded movement of the coupling 1 on the section 5 is limited by a collar 3 threaded on the coupling which will engage with a flange 3^a, as clearly shown in Figure 1. The amount of movement permitted by the members 3 and 3^a relative to each other is about one-fourth of a turn, thus it will be obvious that when the handle 8 and valve are turned so that the slots 2 will register with the passages 21 the valve will be open and water permitted to flow through the opening 20, through the passages 21, slots 2 and through the handle to the brush head, but when the slots 2 are out of registration with the passages 21 the nipple-like pipe section 5 will be forced tightly against the edges of the opening 20 to close the opening and cut off the water supply, the slots 2 being opposite the threaded portions of the coupling 1 and out of alignment with the passages 21 to further insure the cutting off of the water supply.

Having thus described the invention what is claimed is:

1. In a valve for fountain brushes, a pipe-section, a hollow handle adapted to be connected to a brush head, one end of said handle connected to the pipe section, said pipe section being threaded with its extremity closed and lateral intake ports spaced from said extremity, a coupling member threadedly mounted on said end of the pipe section and having an opening therein opposing the extremity of the pipe section and further having communicating passages leading from said opening to points with which said lateral ports are adapted to register, whereby when the handle and pipe section are turned in one

direction said lateral ports and valve opening will be closed and when turned in another direction said opening and ports will be opened.

2. In a valve, a pipe section having one end threaded with its extremity closed and having lateral intake ports therein spaced from said extremity, a coupling member threadedly mounted on one end of said pipe section and having an opening therein opposing the closed extremity of said pipe section and having communicating passages therein leading from said opening to points with which said lateral ports in said pipe section are adapted to register, whereby when said pipe section is turned in one direction relative to said coupling member said lateral ports and valve opening will be closed and when turned in another direction said opening and ports will be opened.

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