

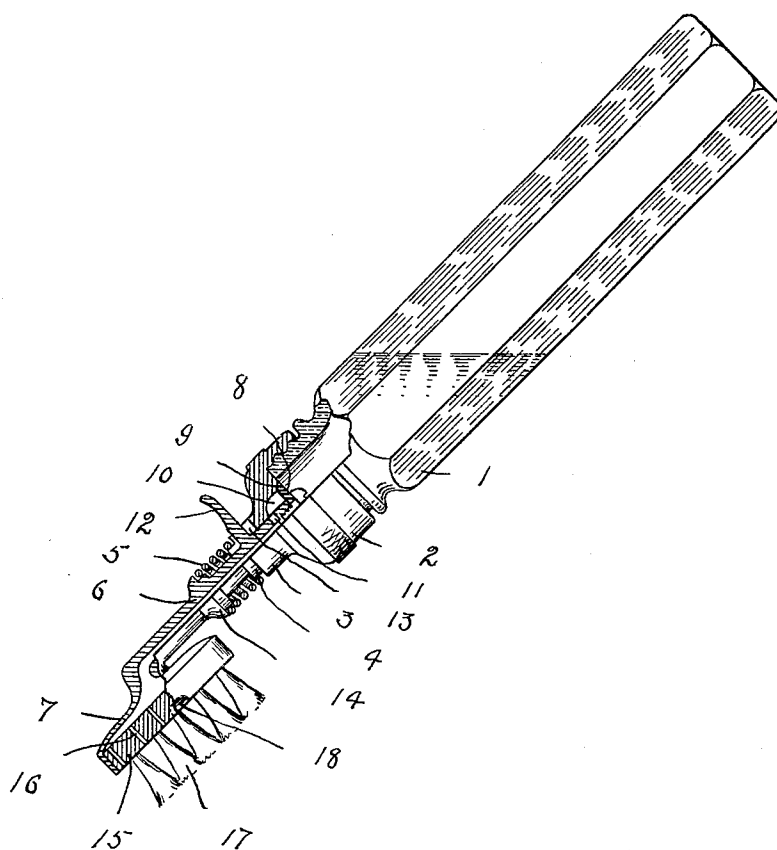
May 2, 1933.

C. S. OLSON

1,906,485

FOUNTAIN CLEANING INSTRUMENT

Filed Jan. 13, 1932



Inventor

Chas. S. Olson.

Geo. Stearns
Attorney

284

UNITED STATES PATENT OFFICE

CHARLES S. OLSON, OF DULUTH, MINNESOTA

FOUNTAIN CLEANING INSTRUMENT

Application filed January 13, 1932. Serial No. 586,232.

This invention relates to fountain brushes, particularly adapted for use on typewriters, or the like, and has special reference to an attachment to one end of a container.

5 The principal object of the invention is to provide a more practical device of this character, and one optionally fed with cleansing material from the container by instrumentalities apart from the brush.

10 Other objects and advantages of the invention will appear in the following description thereof.

Referring now to the accompanying drawing, forming part of this application and wherein like reference characters indicate like parts:

The illustration is a side elevation of one of the improved fountain instruments partly in section.

20 1 represents a container preferably of glass such as commonly used for liquid cleansing material, and which container is preferably of a convenient shape for grasping in the hand during the manipulation of the brush, which latter is generally screw-threadedly attached to the upper end of the container. In the present embodiment for this attachment I have illustrated the cap like member 2 having a central projecting hub-like portion 3 which is stepped as at 4 upon its extreme end for the reception of one end of the expansive helical spring 5, and has an axial bore therethrough. Within the bore is reciprocally mounted the tube or stem 6 of the brush holder 7. Upon the inner end of the stem 6 and within the cap 2 is attached in any desired manner the valve 8, which normally engages the beveled seat 9 within the cap, and just beneath this valve 40 is formed a chamber 10 into which opens one or more radially disposed slots or ports 11 in the stem, so that when the latter is drawn inwardly towards the container and thereby raised the valve 8 from its seat, liquid 45 within the container may flow past the valve through the chamber 10 into the stem, and thence feed to the brush holder. For such backward or inward withdrawal of the stem, I provide the trigger 12 fixed in any desired 50 manner to the side of the stem and operable

within the radial slot 13 within the hub 3, and as a seat for the opposite end of the helical spring 5 I provide the annular stepped enlargement or collar 14 formed integral with the stem, so that the spring is snugly held in position at all times.

The brush container or holder 7 may be of any desired shape, either round, rectangular, or elliptical, as desired, the latter being preferred for the specific purpose of cleaning typewriter type. The back of the brush, illustrated at 15, may be of wood or composition and is perforated as at 16 so that the cleansing fluid will readily pass there-through to the bristles 17. It is intended that the brush may be readily removed for repair or renewal, to expedite which, I prefer to have a slot or cutaway portion in the sides of the holder as indicated at 18, as is obvious.

Having thus described my invention, what I claim and desire to secure by Letters Patent, is:

In combination, a container, a cap for said container, a hollow reciprocable brush carrying stem within the cap, an annular valve within the cap coacting with a surface therewith and carried upon the stem, a radially disposed slot within the outer extremity of the cap, a trigger fixed to the stem and extending through the slot for opening the valve, resilient means outwardly of the trigger and concentric of the stem for biasing the valve to closed position, and a brush having a perforated back carried upon the extremity of the stem and communicating with the interior thereof.

In testimony whereof I affix my signature.

CHARLES S. OLSON.