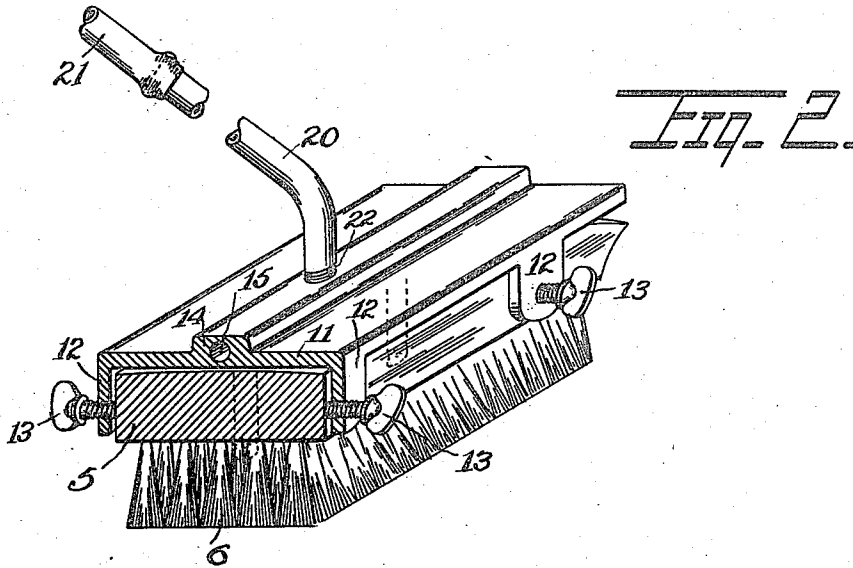
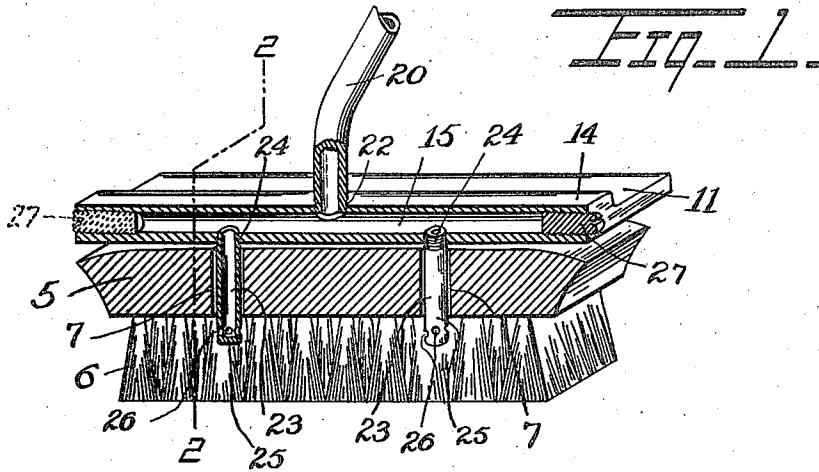


FOUNTAIN BRUSH.

1,060,159.



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FOUNTAIN-BRUSH.

1,060,159.

Specification of Letters Patent.

Patented Apr. 29, 1913.

Application filed February 23, 1912. Serial No. 679,219.

To all whom it may concern:

Be it known that I, FRANK A. BURKHART, a citizen of the United States, and a resident of the city of Reading, in the county of Berks and State of Pennsylvania, have invented certain new and useful Improvements in Fountain-Brushes, of which the following is a specification.

My invention relates to brush devices in which provision is made for feeding water or other cleaning fluid thereto; and it consists in the improved construction hereinafter fully described in connection with the accompanying drawings and specifically pointed out in the claim.

Figure 1 is a perspective view showing a central longitudinal section of a brush and holder made in accordance with my invention. Fig. 2 is a perspective view showing a cross-section on the line 2—2 of Fig. 1.

The brush indicated comprises, as usual, a back portion 5 and bristles 6 suitably secured thereto; said back portion being provided in my improved construction shown, with circular apertures 7, 7, spaced apart as desired and affording access through the back to the bristles 6. In connection with this brush I employ an attachable brush holder comprising a backing plate 11 having clamping ears or flanges 12, 12 provided with clamping screws 13, 13 for adjustably securing the same to the brush back 5; said plate having an integrally formed longitudinal ridge 14, extending the length thereof midway of the width of the plate and provided with a longitudinal circular bore 15 which forms a closed liquid chamber excepting for the means of communication therewith hereinafter described. These means of communication include a liquid supply tube, which may comprise a rigid piece of piping 20 adapted to serve as a handle as indicated or merely a flexible tubing 21 extending directly from the holder; a suitable screw connection 22 to the latter being provided in either case to permit of its being readily attached or detached. Detachably secured in like manner to the un-

der side of the holder, are feed tubes 23, 23, which are spaced apart to correspond with the brush back apertures 7 7, and the rigidly attached screw threaded ends 24 of which communicate with the liquid chamber 15 while the projecting lower portions 25 are provided with side wall perforations 26 through which the liquid is adapted to be discharged. The longitudinal bore 15 forming the liquid chamber of the holder, is provided, at either one end or both as preferred, with a removable closure plug 27 which permits of ready access thereto for cleaning.

The feed or discharge tubes 23 are long enough to project through the apertures 7 of the brush back, so that the discharge through the perforations 26 may properly distribute the liquid to the bristle portion of the brush; the extent of this projection being readily varied if desired by proper adjustment of the brush holder upon the brush back by means of the clamping screws 13. It will be readily seen also that all the flow passages may be easily and thoroughly cleaned so as to insure proper action, and also proper sanitary conditions where the use to which the device is applied makes this desirable.

What I claim is:—

In combination with a brush having feed-tube apertures in the back thereof, a separately formed brush holder comprising a backing plate attachable to said brush and having a liquid chamber formed by a bored passage-way extending longitudinally thereof and provided with a removable end closures, rigid feed-tubes arranged at right-angles to said bored chamber and projecting through said brush-back apertures, and a chamber-communicating supply tube, substantially as set forth.

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

FRANK A. BURKHART.

Witnesses:

D. M. STEWART,
W. G. STEWART.