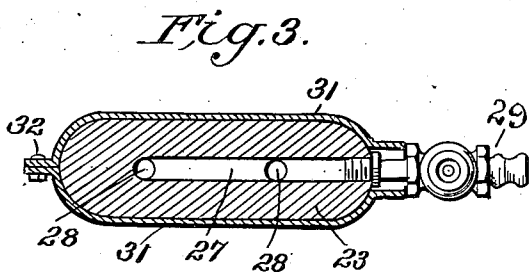
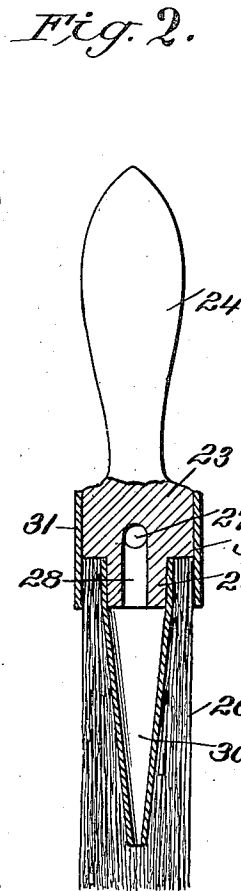
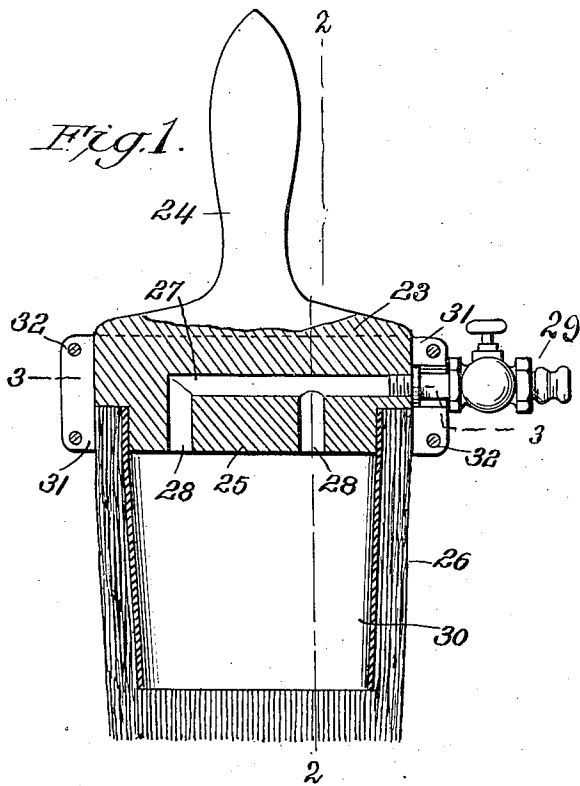


J. L. HOOKER.
 FOUNTAIN BRUSH.
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1,065,610.

Patented June 24, 1913.



Witnesses
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UNITED STATES PATENT OFFICE.

JOSEPH L. HOOKER, OF ANDERSON, INDIANA.

FOUNTAIN-BRUSH.

1,065,610.

Specification of Letters Patent. Patented June 24, 1913.

Application filed March 13, 1912. Serial No. 683,430.

To all whom it may concern:

Be it known that I, JOSEPH L. HOOKER, citizen of the United States, residing at Anderson, in the county of Madison and State of Indiana, have invented certain new and useful Improvements in Fountain-Brushes, of which the following is a specification.

This invention relates to improvements in brushes, more particularly to the class of fountain paint brushes, wherein compressed air is employed to force paint or other liquid through the brush during the operations of the same, and has for one of its objects to improve the construction and increase the efficiency and utility of devices of this character.

Another object of the invention is to provide a brush of this character wherein the bristles may be renewed when worn or impaired without discarding the remainder of the brush.

With these and other objects in view, the invention consists in certain novel features of construction as hereinafter shown and described, and then specifically pointed out in the claim, and in the drawings illustrative of the preferred embodiment of the invention: Figure 1 is a sectional elevation of the improved brush. Fig. 2 is a vertical section on the line 2—2 of Fig. 1. Fig. 3 is a transverse section on the line 3—3 of Fig. 1.

Corresponding and like parts are referred to in the following description and indicated in all the views of the accompanying drawing by the same reference characters.

The improved brush comprises a head-portion 23 having a handle 24 extending therefrom at one side and with a reduced portion 25 to receive the bristles represented at 26. Formed through the head 23 is a transverse bore 27 opening through the head at one end above the reduced portion 25 and with a plurality of lateral branches 28 leading through the reduced portion of the brush. Inserted into the open end of the bore 27 is a coupling tube 29 having a controlling valve and hose connection at its outer end to receive a hose for the paint, the hose not being shown as it forms no part of the present invention.

Attached to the reduced portion 25 of the brush is a flexible tubular member 30

of rubber, or the like, which extends for a distance within the bristles 26, and forms a flexible nozzle-like attachment to guide the paint into the bristles while at the same time will readily bend with the bristles when the brush is being employed. At its outer end the member 30 is contracted into a long narrow discharge opening so that the paint or other liquid is retarded to prevent the flooding of the brush.

Bearing upon the head 23 on opposite sides are plates 31 which are extended to a line even with the bottom of the reduced portion 25 and thus inclose the upper portions of the bristles. The plates 31 are extended at the ends and provided with clamp-screws, or other fastening devices 32, whereby the plates are clamped in position upon the head and thus retain the bristles in place. By this simple means the bristles may be readily detached when worn or impaired and replaced without disturbing the remaining portions of the device. At one end the plates 31 are formed to bear around the tube 29 to which the hose is attached, as shown.

The brush portion of the device may be of any required size and of any required shape, and may be employed in applying paint, calcimine, whitewash, or like liquids.

Having thus described the invention what is claimed as new is:—

In a device of the class described a brush comprising a head having a handle at one end and reduced at the other end to form a shoulder intermediate the head and with a bore in the head and communicating through the reduced portion, a conduit connected into said bore, a flexible tubular nozzle member bearing around the reduced portion of said brush head and inclosing the outlet of said brush-head bore, bristles engaging over said nozzle member, clamp plates bearing around said brush head and projecting over the upper portions of the bristles, and means for clamping said plates upon said head, whereby the bristles and the nozzle are secured by the same clamping plates.

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

JOSEPH L. HOOKER. [L. s.]

Witnesses:

MYRON H. POST,
MABEL HEINOLD.