R. CHURCH.

FOUNTAIN BRUSH.

APPLICATION FILED AUG. 6, 1919.

1,337,998. **Patented Apr. 27, 1920.**

FIG. 1.

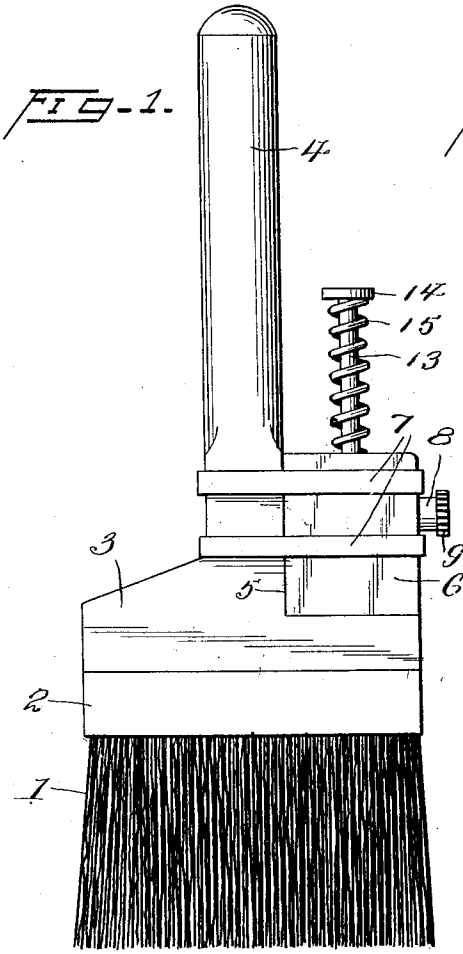
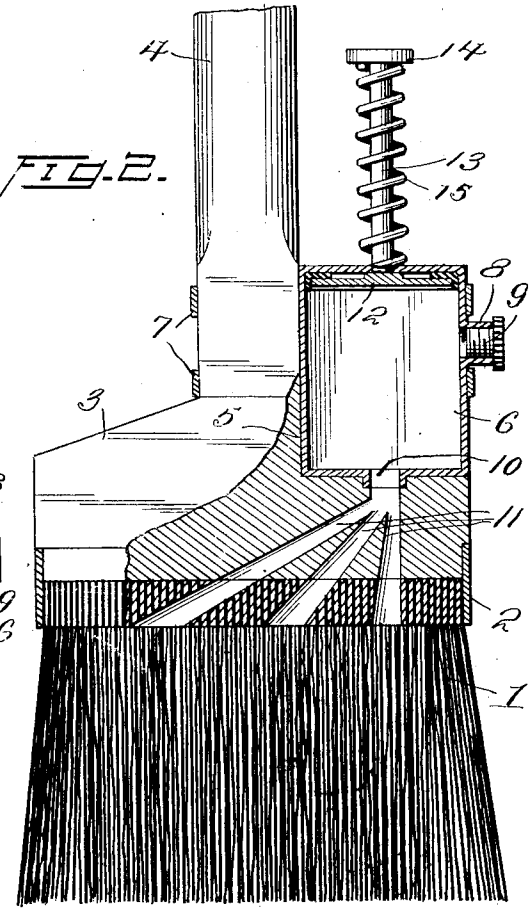


FIG. 2.



INVENTOR.

Ralph Church

BY

C. C. Hines,

ATTORNEY.

UNITED STATES PATENT OFFICE.

RALPH CHURCH, OF SHULLS MILLS, NORTH CAROLINA.

FOUNTAIN-BRUSH.

1,337,998. Specification of Letters Patent. Patented Apr. 27, 1920.

Application filed August 6, 1919. Serial No. 315,631.

To all whom it may concern:

Be it known that I, RALPH CHURCH, a citizen of the United States, residing at Shulls Mills, in the county of Watauga and State of North Carolina, have invented new and useful Improvements in Fountain-Brushes, of which the following is a specification.

My invention relates to fountain brushes especially adapted for painter's use to avoid carrying a paint bucket about with him all of the time and frequently dipping the brush in the paint.

The object of my invention is to provide a particularly strong and durable fountain paint brush embodying in connection with the brush body and a paint reservoir, a novel brush head which forms an effective support and brace for said reservoir, the latter being of such formation and arrangement with respect to the brush head and handle as to adapt it to be handily refilled with paint as required.

With the above and other objects in view, the invention consists of the features of construction, combination and arrangement of parts hereinafter fully described and claimed, reference being had to the accompanying drawing, in which:

Figure 1 is a side elevation of the brush.

Fig. 2 is an enlarged fragmentary section through the reservoir and brush head.

The body 1 of the brush, composed of bristles or hair is held by means of a binder or clamping band 2 to the brush head 3, the latter having a handle 4 projecting centrally therefrom, as shown.

At one side of the handle, the brush head 3 is cut away to form a two sided or L-shaped shaped seat 5 in which is placed a box-like paint reservoir or can 6 held in place by bands 7 embracing the same and the handle 4, or by equivalent fastening means. The outer side of the can 6 lies flush with the adjacent side or edge of the brush head and is protected thereby.

The reservoir or can 6 has on its outer side a filling nozzle 8 normally sealed by a detachable cap 9 enabling the reservoir to be filled while the brush handle is in a horizontal position so that the paint will not feed by gravity to the bristles. The bottom of the reservoir is formed with a paint outlet 10 which communicates with feed ducts 11 to lead the paint to the brush body and properly distribute the paint thereto.

Within the reservoir 6 is an expressing piston 12 operable by a plunger rod 13 having a head or thumbpiece 14 between which and the top of the reservoir is placed a compression spring 15 acting to uplift the piston when relieved of external pressure, to facilitate refilling the reservoir. When more paint is required to be forced to the bristles, the operator presses inwardly on the plunger head causing the piston to express the paint through the outlet 10 and ducts 11 whereby it is distributed to the bristles of the body 1. The brush and reservoir may be cleaned by introducing any suitable cleaning liquid in the reservoir 6 and pumping the same through the ducts 11 while rubbing the brush over a suitable surface.

Having thus fully described my invention, I claim:—

A fountain paint brush comprising a brush body, a brush head, a handle projecting centrally from the brush head, the latter being cut away flush with one side of the handle to form an L-shaped seat, a paint reservoir arranged and fastened in said seat and having its outer side flush with the corresponding face of the brush head and also having a filling nozzle on said outer side, and a spring-retracted plunger-operated expressing piston in said reservoir, the latter having an outlet in its bottom, and the brush head having paint-distributing ducts leading from said outlet to different points in the brush body.

In testimony whereof I affix my signature.

RALPH CHURCH.