

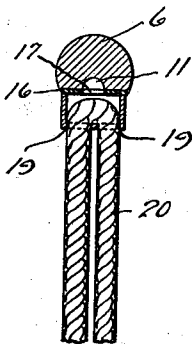
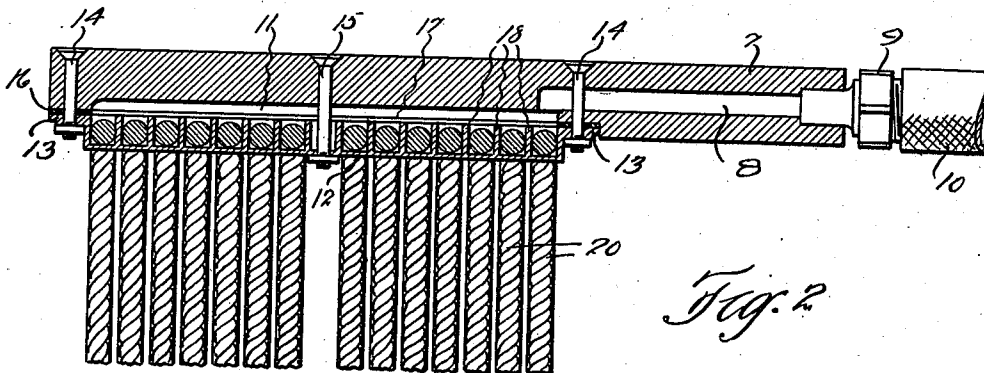
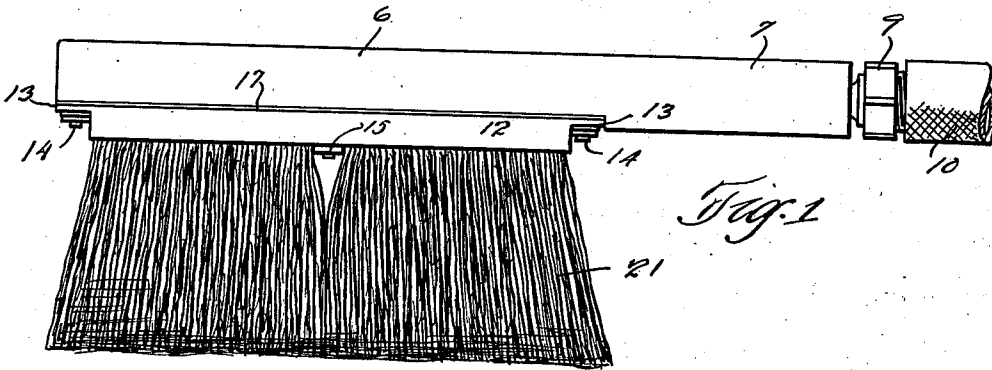
May 29, 1923.

1,456,977

B. D. GEIB

FOUNTAIN BRUSH

Filed May 24, 1922



Inventor
Bernhard D. Geib
By John A. Bonnhorst
Atty.

UNITED STATES PATENT OFFICE.

BERNHARD D. GEIB, OF CLEVELAND, OHIO.

FOUNTAIN BRUSH.

Application filed May 24, 1922. Serial No. 563,293.

To all whom it may concern:

Be it known that I, BERNHARD D. GEIB, a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Fountain Brushes, of which the following is a specification.

This invention relates to fountain brushes, and particularly to that type in which the head of the brush is connected to a hose or the like. Such brushes will be found especially suitable for washing motor vehicles, but of course are capable of a variety of other uses.

The object of the invention is to provide improved means for connecting the brush material to the brush head. A further object of the invention involves the use, as the brush material, of short sections of rope, which can be quickly and easily assembled by looping the same into the face plate of the brush head, after which the ends of the rope sections are untwisted or raveled, to form the face material of the brush. A further object of the invention is to improve the construction of the face plate and the means for attaching the same to the brush head.

In the accompanying drawings Fig. 1 is a side elevation of the brush, complete. Fig. 2 is a longitudinal section, the ropes being twisted. Fig. 3 is a cross section of Fig. 2.

In the drawings the combined head and handle is indicated at 6, the handle extension being denoted at 7. This may consist of an elongated piece of wood, the handle portion having a bore 8 connected by a coupling 9 to a hose 10, and communicating with a groove 11 formed in the front or inner side of the head 6 and extending along the same, said side of the head being flattened to receive the face plate.

This face plate consists preferably of a hollow casting, which may be made of aluminum or other metal, the front plate thereof being indicated at 12, and having flanges 13 at its ends whereby it may be attached to the head as by bolts 14, another bolt 15 being also conveniently used at the middle, for the

same purpose. A gasket 16 is inserted between the plate and the head, to make a water-tight joint, this gasket having a slot 17 which registers with the groove 11 in the head.

The face plate is hollow or box like in form and its interior is divided by a series of cross walls or partitions 18 into corresponding series of cross recesses or spaces, and at each side or end of each recess is a hole indicated at 19. The rope sections are indicated at 20, and in assembling the same each section is looped through the holes 19, the bend extending across in the recess between the partitions 18. These rope sections may be quickly and easily inserted before the face plate is fastened to the head. Then, the free ends of the rope sections are raveled or untwisted, or will in the course of use become untwisted, forming a fibrous body of considerable volume, as indicated at 21, which produces the material of the brush face, and by its expansion prevents the rope sections from working out of the face plate.

Water supplied through the hose 10 passes through the passages 8 and 11 and thence into the recesses of the face plate from which it leaks or escapes through the holes 19 to saturate the brush material.

I claim:

1. A fountain brush comprising a head having a water passage therein, a hollow face plate secured to the head, said face plate having openings in the front thereof and spaced cross partitions behind said front, and brush material extending through said openings, with loops in the spaces between said partitions.

2. A fountain brush comprising a head having a water channel extending along the front thereof, a hollow face plate secured to the head and covering said channel, said face plate being open at the rear to said channel and having cross recesses and openings at opposite sides of said recesses, and brush material looped through said recesses and openings.

3. A fountain brush comprising a head having a water channel along the front thereof, a hollow face plate secured to the

front of the head and covering said channel,
said face plate having spaced cross parti-
tions forming a row of cross recesses, the
front of the plate having openings at oppo-
5 site ends of each recess, and brush material
having bends extending through said open-
ings and recesses.

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

BERNHARD D. GEIB.

Witnesses:

JOHN A. BOMMARDT,
BESSIE F. POLLAK.