

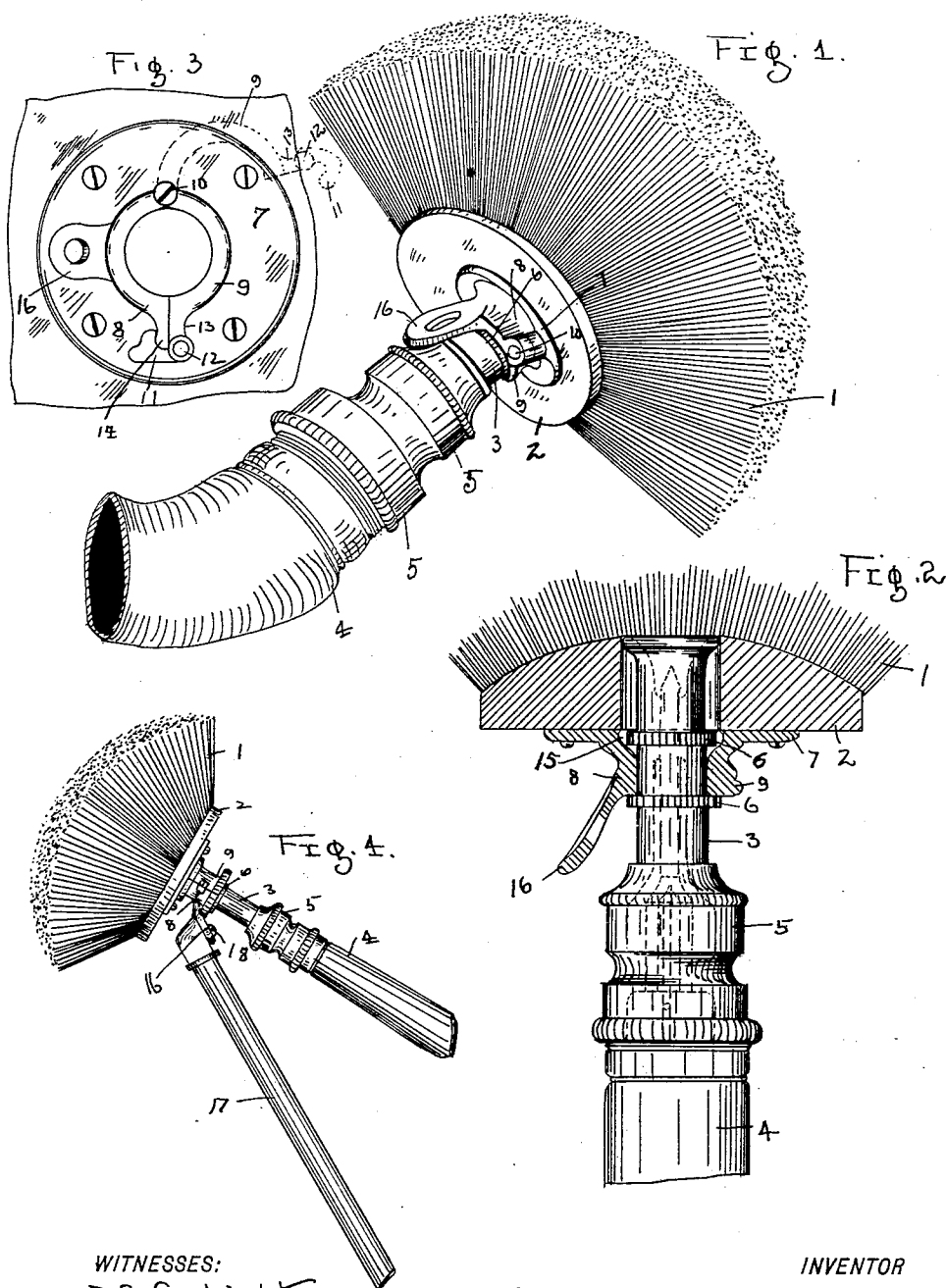
(No Model.)

2 Sheets—Sheet 1.

M. ARBUCKLE.
FOUNTAIN BRUSH.

No. 588,047.

Patented Aug. 10, 1897.



WITNESSES:
R. S. Courtwright.
Julia Green.

INVENTOR
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(No Model.)

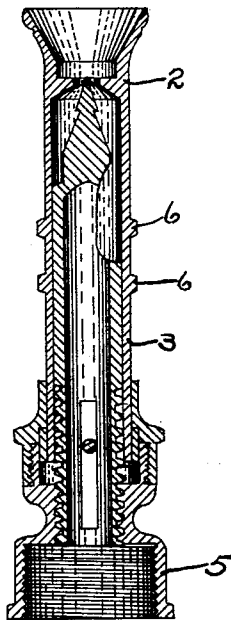
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FIG. 5.



WITNESSES:
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UNITED STATES PATENT OFFICE.

MATTHEW ARBUCKLE, OF INDIANAPOLIS, INDIANA.

FOUNTAIN-BRUSH.

SPECIFICATION forming part of Letters Patent No. 588,047, dated August 10, 1897.

Application filed October 9, 1895. Serial No. 565,116. (No model.)

To all whom it may concern:

Be it known that I, MATTHEW ARBUCKLE, of Indianapolis, county of Marion, and State of Indiana, have invented a certain new and useful Improvement in Fountain-Brushes; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, in which like numerals refer to like parts.

My invention relates to an improvement in fountain-brushes adapted to wash buggies and other vehicles, as well as windows and things of like character.

The full nature of my invention will appear from the accompanying drawings and the description following.

In the drawings, Figure 1 is a perspective of my device. Fig. 2 is a longitudinal section of the same. Fig. 3 is a detail of the means for fastening the brush to the nozzle. Fig. 4 shows the brush connected up with a pole for washing high windows. Fig. 5 is a central longitudinal section of the nozzle.

I use a brush 1, with the head 2, with a hole through it centrally to receive the nozzle 3, secured to the hose 4. The nozzle here shown and which I use is a very common one, used on garden-hose, and has a stationary part 5 screwed on the hose, and the portion 3 is rotatably mounted in the part 5. By turning the part 5 on the part 3 or the part 3 within the part 5 the nozzle is caused to spray or to eject straight forward a solid stream or to shut off the stream. Any nozzle capable of operating in this way will answer the purpose. This nozzle has two beads 6 near its middle. The front portion of the nozzle extends through the brush-head up to the outer bead 6. On the brush-head is a metallic ring or plate 7, centrally cut out to allow the nozzle to pass through. About the aperture in such plate, on one side, is a semicircular collar 8, that is integral, preferably, with the plate 7. It fits snugly between the two beads 6. The other half of such collar 9 is pivoted to the stationary half at 10, so it can swing back and admit the nozzle. When the nozzle is in place, the hinged half 9 of the collar is shut down on the nozzle and is secured to the stationary half 8 by means of a catch 11, pivoted at 12 to the extension 13 on the free end of

the hinged part 9 and catches over a lug or latch 14 on the stationary part 8. The parts 8 and 9 of the collar are provided along their inner edge with a groove at 15, that receives the outer bead 6—that is, the one nearest the brush—and permits the insertion of the outer end of the nozzle. The parts of this collar fit between the two beads and spring into the seat formed by the two beads, so that they bind the nozzle 3 so tightly that the brush and nozzle will turn together and will not turn independent of each other.

On the stationary part 8 of the collar I have a thumb-piece 16, which I use for conveniently holding the washing apparatus, and at the same time for rotating the brush and nozzle 3 to shut off the water, turn on a spray, or turn on a solid stream. When desired for washing buggies and such things, the hand grasps the stock 5 of the nozzle and the thumb rests on the thumb-piece 16.

It will be apparent that I have a convenient means for washing anything, as the water discharges directly into the brush, especially when I use a spray, and it not only imparts water to the object being washed, but also keeps the brush clean, as it washes the dirt that gets onto the fiber constantly away from the brush. It is also apparent that I have a convenient means for securing the brush readily to the ordinary form of garden-hose nozzle, and by it the brush can be as readily detached. I can turn the water on after the brush is against the object being washed and turn it off before the brush is removed from the object being washed. I can also change the water-supply from a weak to a strong current or from a spray to a solid stream, or vice versa, with the hand that holds the brush and without removing the brush from the object being washed.

When washing high windows, I secure a handle or pole 17 of the desired length to the thumb-piece 16 by means of the bolt 18, that extends through the slot or opening 19 in the thumb-piece 16. In operating this on high windows the brush is put up into place before the water is turned on by twisting the hose. The handle 17, by its connection with the brush, holds it stationary. In this way the water can be turned on or off or changed from a weak to a strong stream and from a spray to

a solid stream. The balance of the operation is the same as in the other form, only the reverse. In the first form shown the brush is rotated in order to regulate the water-flow, while in the second form the hose and stock 5 are rotated.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The combination with a hose - nozzle 10 wherein one part turns to regulate the flow of water, of a brush whose head is centrally apertured to receive the one part of the nozzle, means for securing the hose and nozzle together, and a thumb-piece connected up with 15 the brush whereby it and the part of the nozzle to which it is secured may be held or rotated.

2. The combination with a hose or tube provided with a nozzle having a pair of beads on it, of a brush whose head is centrally aper-

tured to receive the nozzle through it, and a 20 clamp secured to the brush-head that grasps the nozzle between such beads and holds it securely.

3. The combination with an ordinary garden-hose having beads 6, of a brush whose 25 head is apertured to receive the end of the nozzle, a collar consisting of one part secured to the brush-head and the other part hinged at one end to the stationary part, both grasping the nozzle between the beads, and a catch 30 for securing the free end of the hinged part of the collar to the stationary part.

In witness whereof I have hereunto set my hand this 1st day of October, 1895.

MATTHEW ARBUCKLE.

Witnesses:

V. H. LOCKWOOD,
ZULA GREEN.