

No. 714,814.

Patented Dec. 2, 1902.

G. D. MEMBERY.
FOUNTAIN BRUSH.

(Application filed Apr. 25, 1902.)

(No Model.)

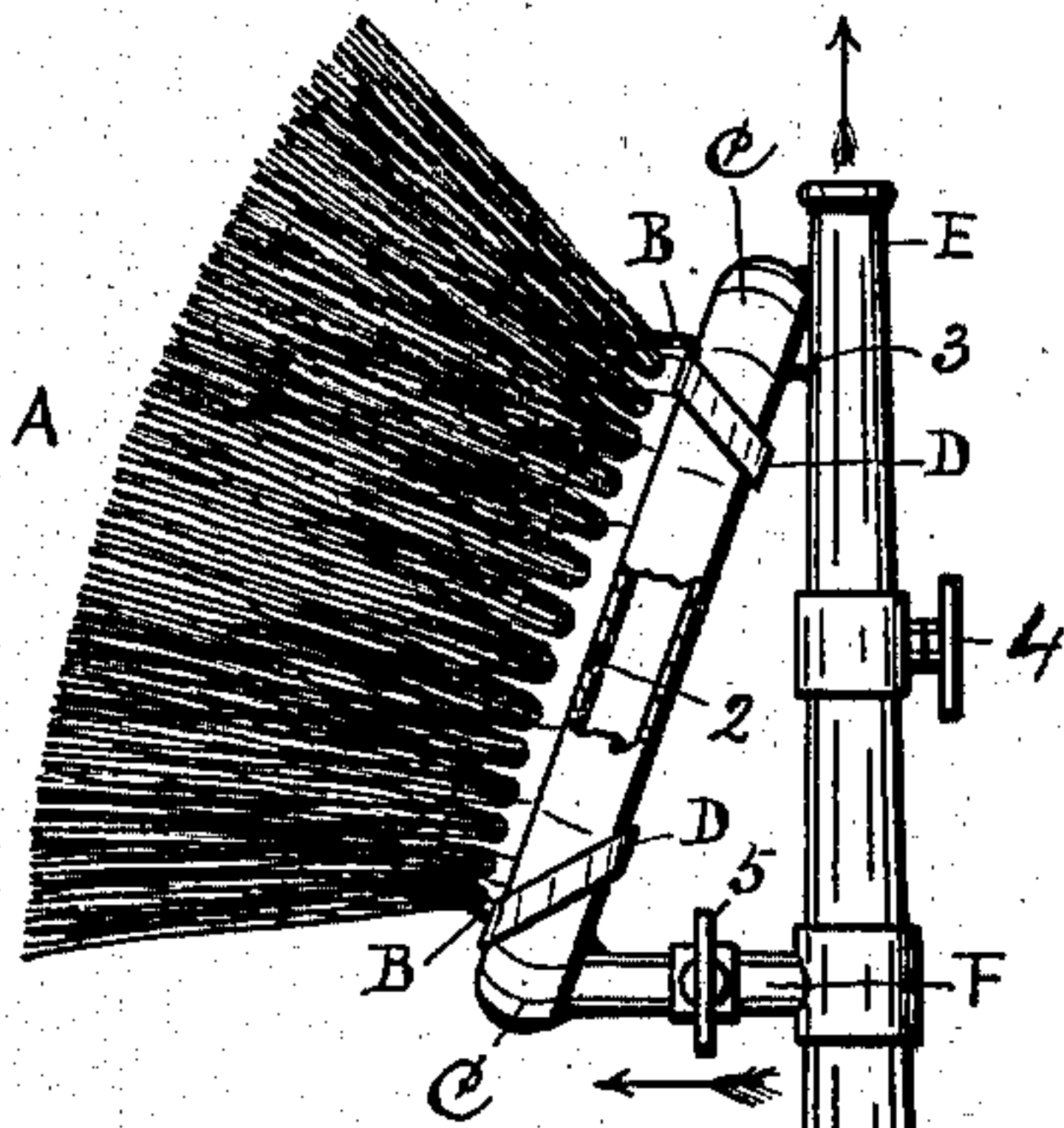


Fig. 1.

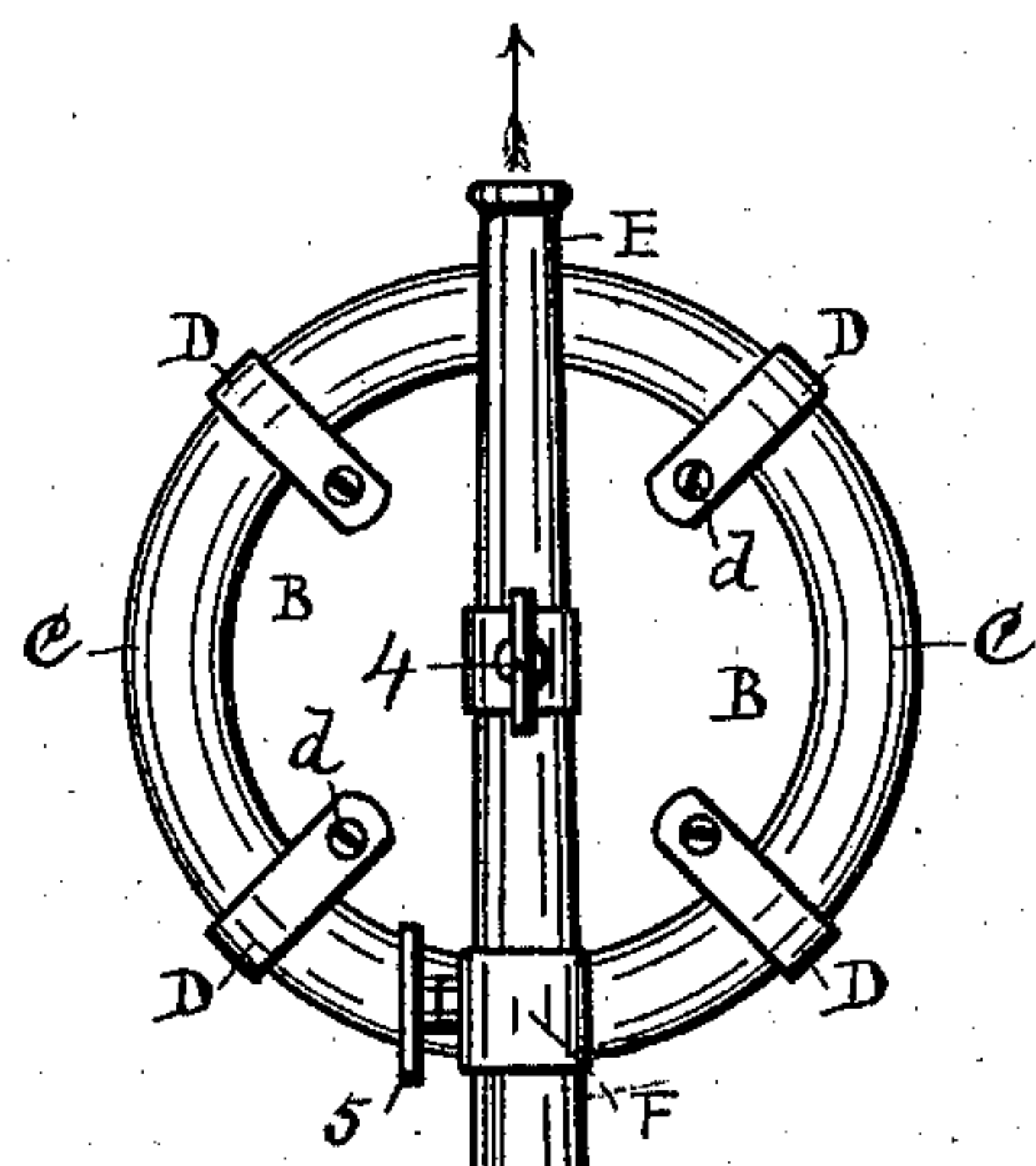


Fig. 2.

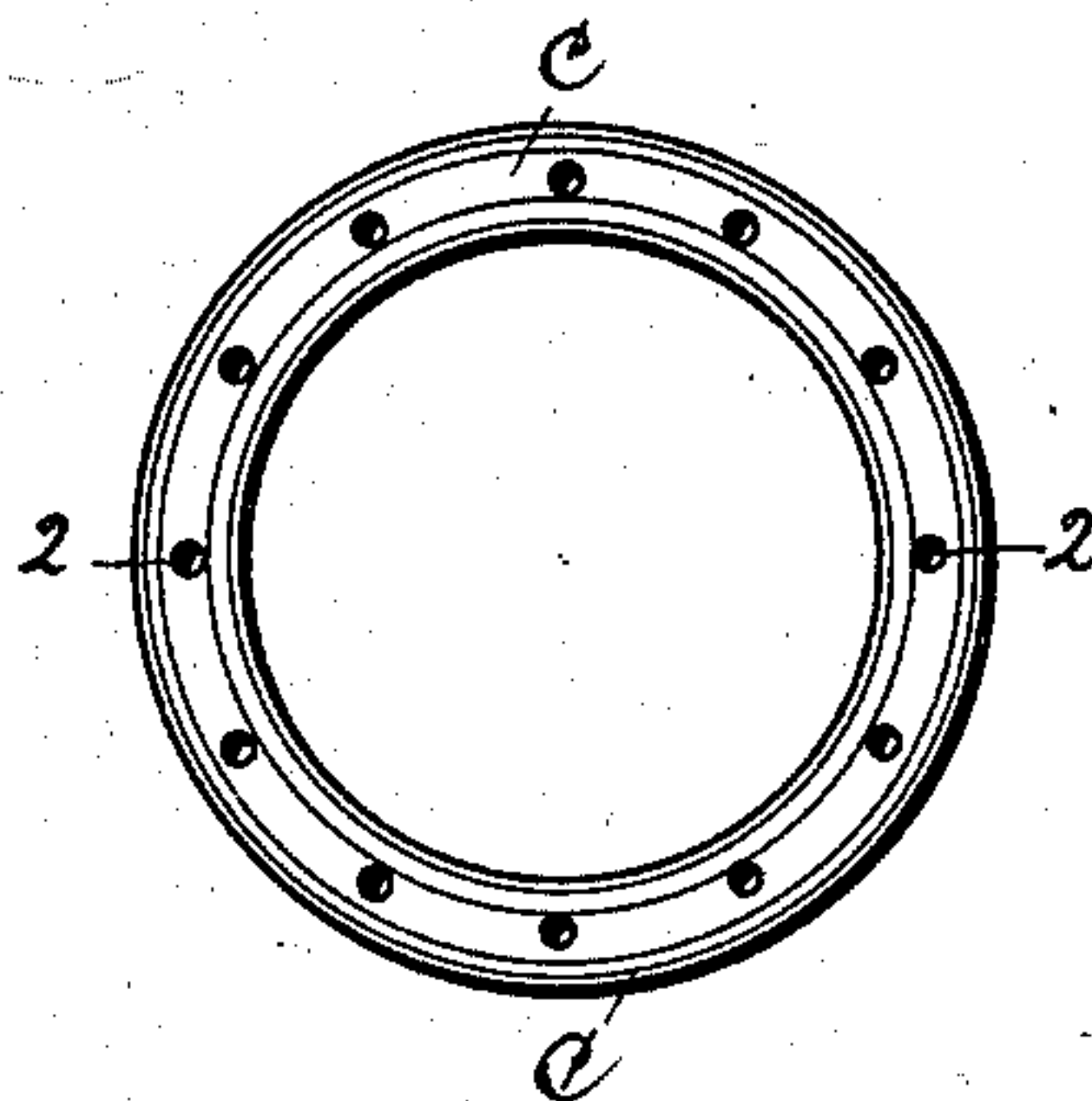


Fig. 3.

Witnesses.

A. J. J. J.
R. B. Hendry.

Inventor.

George D. Membery
By John H. Hendry, Atty.

UNITED STATES PATENT OFFICE.

GEORGE D. MEMBERY, OF HAMILTON, CANADA.

FOUNTAIN-BRUSH.

SPECIFICATION forming part of Letters Patent No. 714,814, dated December 2, 1902.

Application filed April 25, 1902. Serial No. 104,649. (No model.)

To all whom it may concern:

Be it known that I, GEORGE D. MEMBERY, a citizen of Canada, residing at the city of Hamilton, in the county of Wentworth, Province of Ontario, Canada, have invented new and useful Improvements in Fountain-Brushes; and I do hereby declare the following to be a full, clear, and exact description of the same.

My invention relates to improvements in fountain-brushes comprising a circular brush, a circular tube connected to the brush, a nozzle connected to the circular tube, a hollow handle connected to the nozzle, and a water-hose connected to the end of the handle.

The objects of my invention are, first, to provide a fountain-brush with handle adapted for the outside of windows, railway-cars, buggies, and the like; second, to provide a brush capable of receiving a supply of water while brushing; third, to afford facilities for supplying the brush with water while brushing and for regulating the supply of water to the brush, and, fourth, to provide a water-nozzle connected to the brush to cooperate with the brush. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of the fountain-brush embodying my invention. Fig. 2 is a rear elevation of the same, and Fig. 3 is a front elevation of the circular perforated tube to which the brush is attached.

Similar letters refer to similar parts throughout the several views.

In the drawings the brush proper, which is circular, is indicated by A, and the circular base or framework of the brush by B.

C is a circular tube, to which the base B of the brush is secured by means of bands D, which clasp the tube C, and the end or ends of each band D are screwed to the rear side of the base B by means of screws *d*.

2 represents perforations in the front of the circular tube C and are positioned to spray water on the brush A.

E is a vertical water-nozzle, to which is secured at 3 the circular tube C in suitable oblique position to the nozzle. The lower part of the tube C is secured to the nozzle E by means of a lower pipe connection F.

The nozzle E has a water-regulating tap 4,

and the said connecting-pipe F has a similar tap 5.

The long vertical handle part H is hollow and shown in section in Figs. 1 and 2 of the drawings; also, it will be noticed that this handle is shown broken in the same figures of the drawings. The hollow handle H is screwed or otherwise secured at 6 to the lower end of the nozzle E, and a flexible hose or water-pipe J is connected at 7 to the lower end of the brush-handle H.

The brush is preferably in oblique position to the handle H in order to allow the operator to stand a desirable distance from the object being washed and sprayed. The length of the handle H may be from six to twelve feet, more or less, as desired to suit the purpose set forth, and may be constructed of suitable material to afford lightness and durability.

The passage of the water from the hose J to the brush and out of the end of the nozzle E is indicated by arrows.

The operation of the fountain-brush is as follows: The water flows through the hose J, thence through the handle H and into the nozzle E, thence through the pipe connection F and into the circular tube C and out through the apertures 2 of the tube C, and thence on and between the hairs of the brush A, thus saturating the brush with water, which is regulated by means of the tap 5. Water may also pass out of the end of the nozzle E at the same time, if desirable, by opening the tap 4 of the nozzle.

It will be obvious that either of the two taps referred to may be opened or closed at the same time or that one tap may be opened and the other closed, as the case may be, to suit the requirements and objects set forth. Various changes in the form, proportion, and minor details of this invention may be resorted to without departing from the spirit and scope thereof.

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

1. In a fountain-brush, a circular brush, a circular water-tube secured to the base of the brush, apertures in the tube to communicate with the brush, a vertical nozzle, said tube secured to the nozzle in oblique posi-

tion, a pipe communicating with the lower part of the circular tube and with the nozzle, a hollow handle connected to the end of the nozzle and a hose connected to the end of the
5 handle, substantially as described.

2. A fountain-brush comprising a hollow handle, a nozzle connected to the upper end of the handle, a circular tube in oblique position secured to the nozzle, a pipe communi-
10 cating with the tube and the nozzle, a brush in oblique position secured to the tube, aper-

tures in the tube communicating with the brush, a tap on the pipe, a tap on the nozzle above said pipe, and a hose connected to the lower end of the handle, substantially as de- 15 scribed.

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

GEORGE D. MEMBERY.

Witnesses:

JOHN H. HENDRY,
L. E. GEORGE.