

P. FORD.

FOUNTAIN BATH BRUSH.

APPLICATION FILED JUNE 10, 1907. RENEWED DEC. 30, 1908.

919,844.

Patented Apr. 27, 1909.

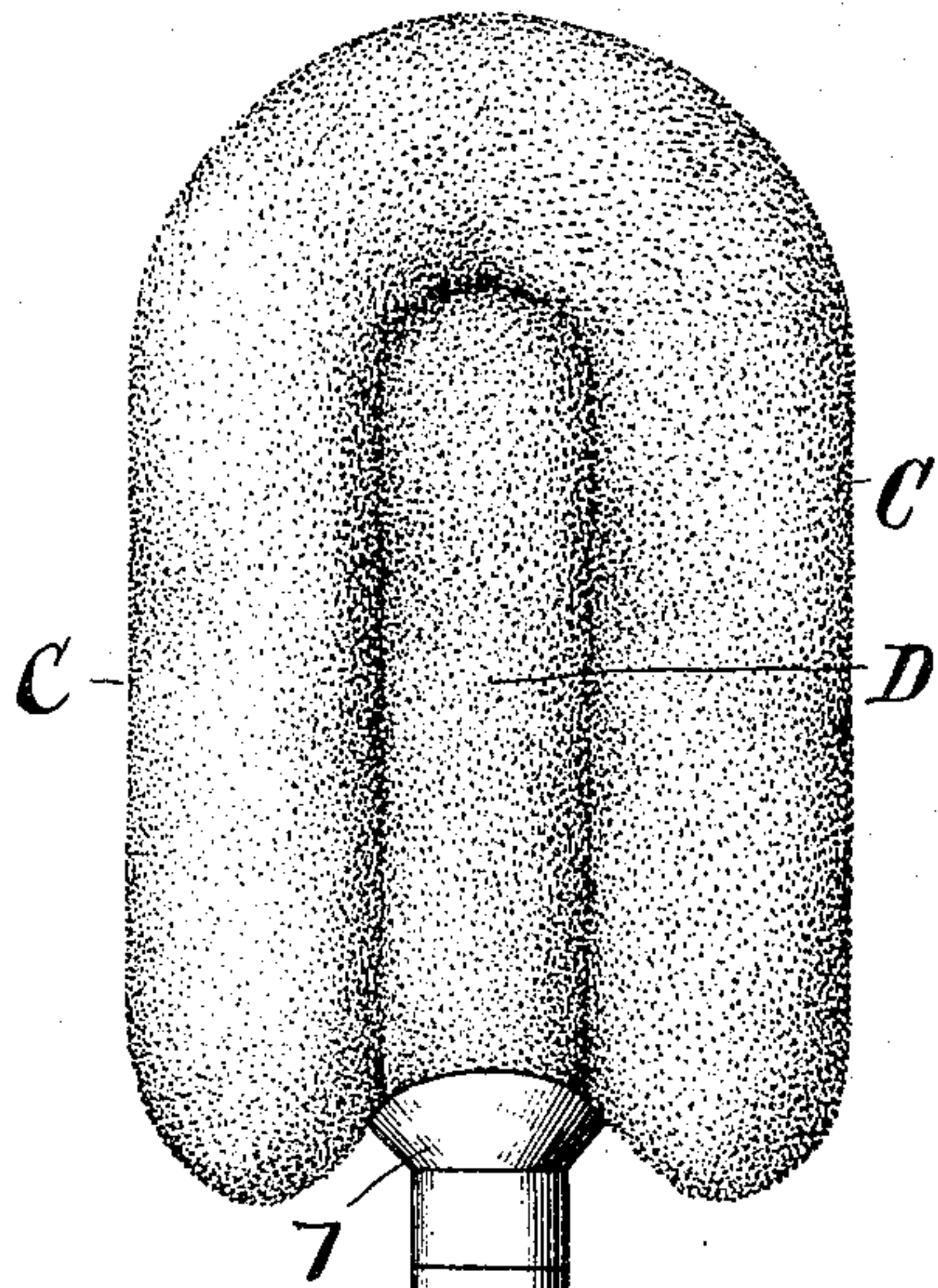


Fig. 1.

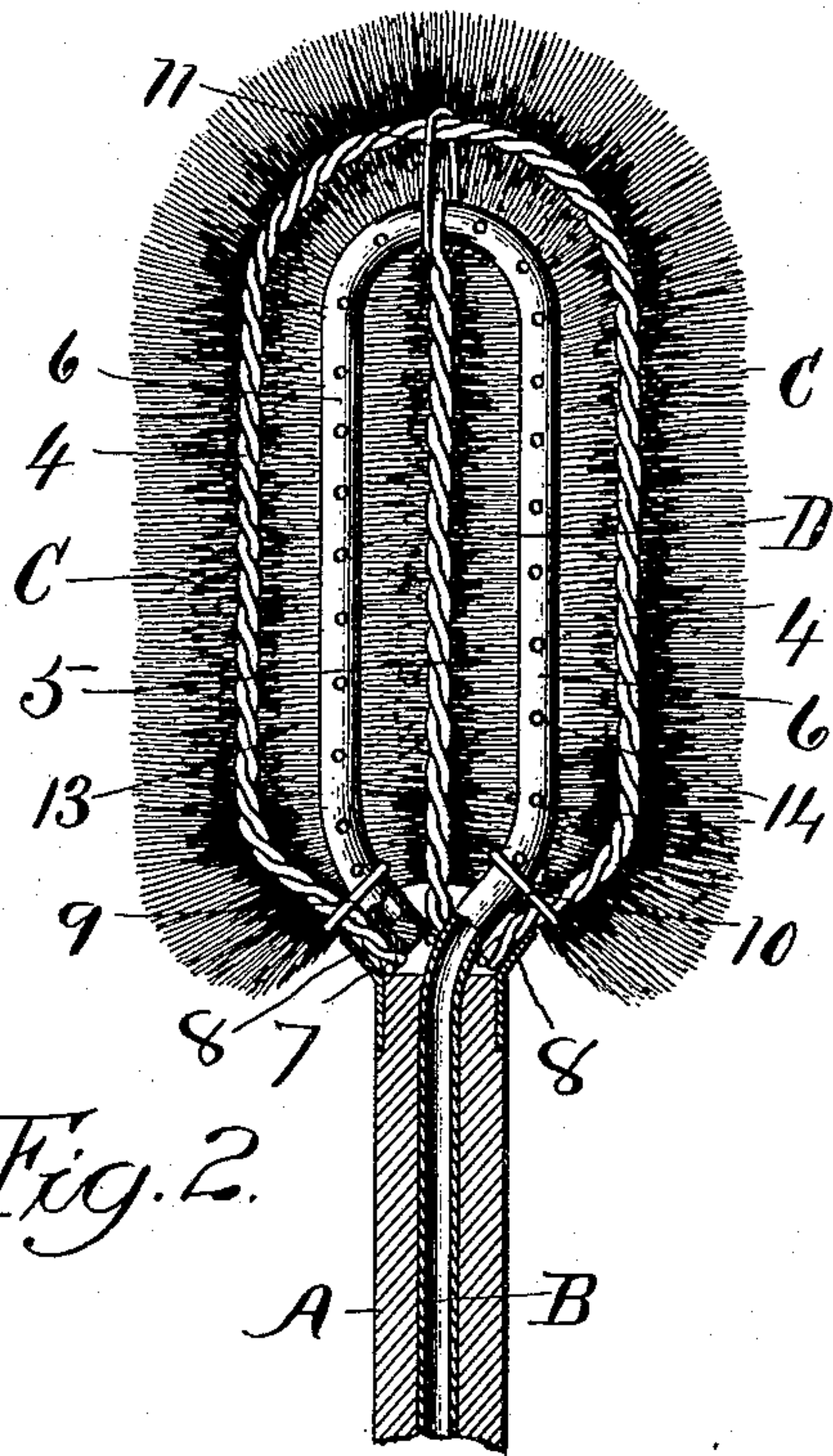


Fig. 2.

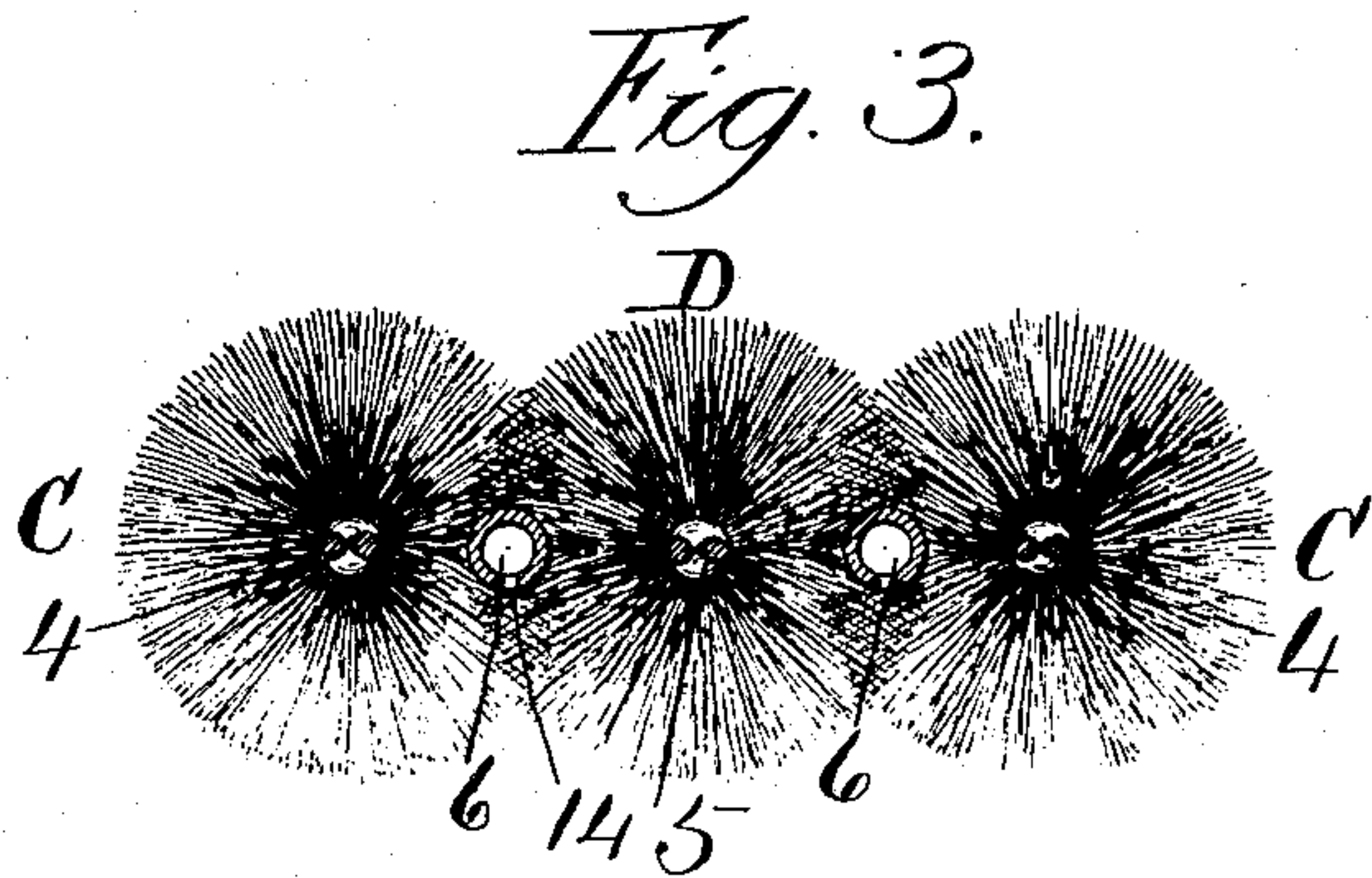


Fig. 3.

Witnesses:
Edw. J. Chylak
John E. Ordens

Inventor:
Pierce Ford
By *L. B. Coupland*,
Attorney

UNITED STATES PATENT OFFICE.

PIERCE FORD, OF CHICAGO, ILLINOIS.

FOUNTAIN BATH-BRUSH.

No. 919,844.

Specification of Letters Patent.

Patented April 27, 1909.

Application filed June 10, 1907, Serial No. 378,249. Renewed December 30, 1908. Serial No. 469,991.

To all whom it may concern:

Be it known that I, PIERCE FORD, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have
5 invented certain new and useful, Improvements in Fountain Bath-Brushes, of which the following is a specification.

This invention relates to bath brushes of the fountain type; and has for its object to
10 provide a device of this character possessing certain novel and durable features in the general construction of the same, as will be hereinafter set forth.

In the drawing, Figure 1 is an elevation of
15 a brush, embodying the improved features. Fig. 2 is a sectional elevation; and Fig. 3 is a transverse section.

A represents a tubular handle, which will ordinarily be composed of wood and incloses
20 a water conducting tube B inserted longitudinally therethrough.

The brush proper consists of an outside brush part C and an inside part D which are constructed separately and then assembled
25 in completing the structure or article in its entirety. The bristles composing the outside part C are secured in a twisted wire core 4, and the bristles forming the inside part D are secured in a twisted wire core 5, as clearly
30 shown in Figs. 2 and 3. The bristles are bunched so as to extend radially in all directions from the center outward and present the finished cylindrical contour shown.

The brush part of the tube B is bent
35 around to form the elongated oval supporting frame 6, the terminal plug end of which is bent inward and secured in a socket or ferrule 7 mounted on the end of the handle A. The outer end of the wire core 5 is securely
40 looped around the corresponding end of the tubular frame 6, and then extends longitudinally between the separated sides of said frame and has the free end secured in the socket 7. By this means the inside center
45 part of the brush is properly secured in place and is further reinforced by the pressure of the inclosing outside part C. The outside brush part C is then bent around into the inverted U-shaped form shown and the ter-
50 minal ends 8 of the wire core 4 being inserted

in the socket 7 and secured to the tubular frame by wire-clips 9 and 10. At the outer end the core 4 is further secured to the frame 6 by another clip 11, all as best shown in Fig. 2. When the outside part is bent around
55 into its assembled position, the spring of the core 4 and the pressure of the bearing brush surfaces will provide a uniform space 13 between the core and tubular frame in preserving a symmetrical appearance. 60

The tubular frame is provided on one side with a number of minute perforations 14 through which the water is sprayed at the same time the brush is being used, thus rendering the operation of bathing more con-
65 venient and effective.

One end of a rubber or flexible tube 15 will be connected to the receiving end of the tube B, and the other end to a fountain (not shown) or other source of supply. 70

Having thus described my invention, what I claim is—

1. A brush of the class described, comprising a handle, a water conducting tube inserted longitudinally therethrough and hav-
75 ing the end bent around into an elongated frame-part provided with perforations, an inner brush-part having a twisted wire core secured to said elongated frame, an outer brush part having a U-shaped core, and a
80 socket mounted on said handle and adapted to receive the free ends of the core-parts.

2. A brush of the class described, comprising a tubular handle, a water conducting tube inserted therethrough and having the
85 outer end bent around into an elongated frame with perforations on one side thereof, an inner brush-part inclosed within said elongated frame, an outer brush-part bent to conform to the contour of the elongated
90 frame and spaced apart therefrom, and means for retaining said brush parts in their proper relative position.

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

PIERCE FORD.

Witnesses:

L. B. COUPLAND,
G. E. CHURCH.