Aug. 23, 1938. C. MORGAN 2,128,011

BRUSH

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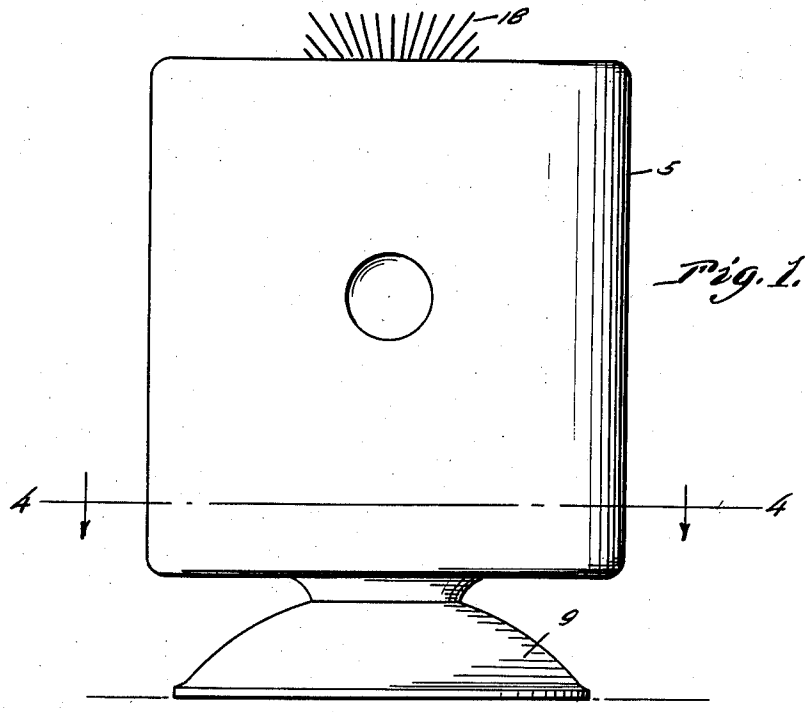
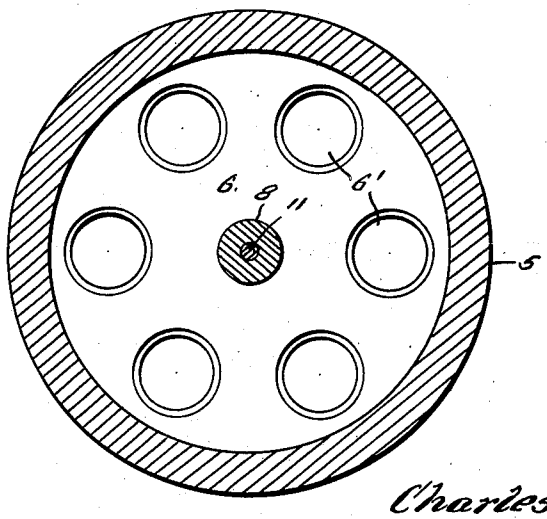


Fig. 1.

Fig. 4.



Inventor

Charles Morgan

By Clarence A. O'Brien

Hyman Berman

Attorneys

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Fig. 2.

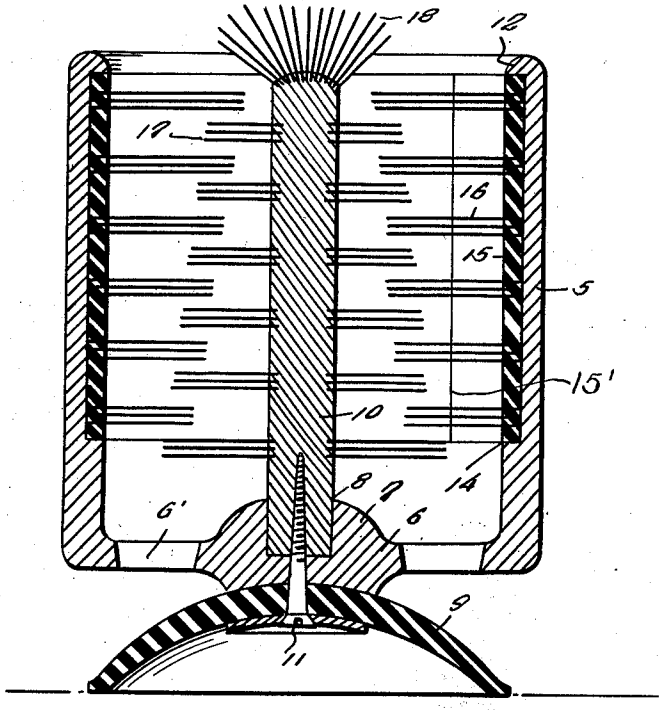


Fig. 5.

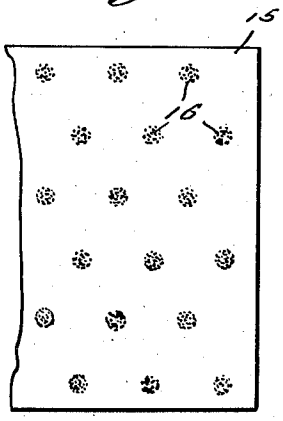
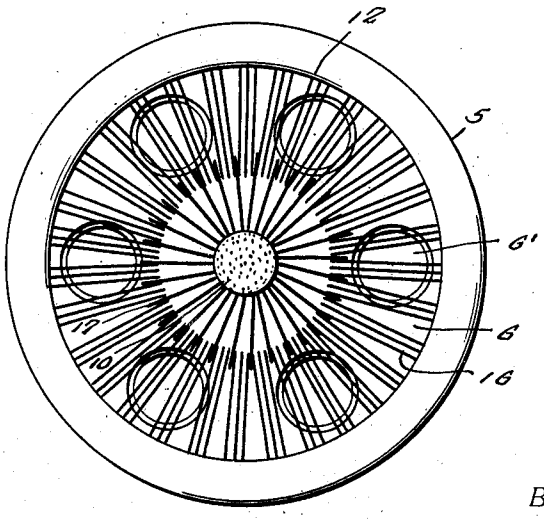


Fig. 3.



Inventor

Charles Morgan

By Clarence A. O'Brien

Hyman Berman

Attorneys

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UNITED STATES PATENT OFFICE

2,128,011

BRUSH

Charles Morgan, Shawnee on Delaware, Pa., assignor of two-fifths to Chester A. Coleman, Stroudsburg, Pa.

Application August 18, 1937, Serial No. 159,775

2 Claims. (Cl. 15—164)

The present invention relates to a brush particularly designed for tumblers and has for its prime object to provide a sanitary structure which may be placed in a sink or the like such as is used in barrooms, restaurants, etc., and whereby the attendant is enabled to efficiently clean tumblers, glasses, etc., in an efficient and quick manner.

Another important object of the invention is to provide a brush of this nature which is simple in its construction, inexpensive to manufacture, strong and durable, thoroughly reliable in use and otherwise well adapted to the purpose for which it is used.

With the above and numerous other objects in view as will appear as the description proceeds, the invention consists in certain novel features of construction, and in the combination and arrangement of parts as will hereinafter be more fully described and claimed.

In the drawings:—

Figure 1 is a side elevation of the brush.

Figure 2 is a vertical section therethrough.

Figure 3 is a top plan view thereof.

Figure 4 is a horizontal section taken substantially on the line 4—4 of Figure 1.

Figure 5 is a detail elevation showing a portion of the lining with the bristles mounted therein.

Referring to the drawings in detail it will be seen that the numeral 5 denotes a cylinder with a bottom 6. The bottom 6 has a central thickened portion 7 with a socket 8 formed therein and a circular series of apertures 6' therein surrounding said portion 7. The bottom surface of the thickened portion 7 is concaved to receive a relatively large and flexible suction cup 9. A stem 10 has its lower end fitted in the socket 8. A screw 11 holds the suction cup and the stem in place. The stem terminates adjacent the upper end of the cylinder. The upper end of the cylinder has an inturned flange 12. In the interior of the lower portion of the cylinder there is a shoulder 14. Between the flange 12 and the shoulder 14 there is countersunk in the inner wall of the cylinder 5 a sleeve of soft rubber or the like 15 from which radiate inwardly at suitable intervals groups of bristles 16. The sleeve 15 is resilient to facilitate retaining the same in said wall and longitudinally split as at 15' to provide for readily removing the same. The stem 10 has radiating therefrom groups of bristles 17 arranged alternately with respect to the groups of bristles 16 and at the top thereof is provided with a group of outwardly diverging upwardly extending bristles 18.

This brush is placed in a receptacle such as a sink or the like, the suction cup holding the same on the bottom so that the device is in upright position and the receptacle, of course, is partially filled with water and the attendant pushes the glass into the device and moves the glass up and down several times so that it is thoroughly cleansed and rinsed. The suction cup 9 provides for downward manipulation of the cylinder 5 under pressure exerted on the glass and reacts when such pressure is relieved to lift the cylinder 5 upwardly, whereby water may be pumped into and out of the cylinder 5 and glass therein as will be clear.

It is thought that the construction, utility and advantages of this invention will now be clearly understood by those skilled in this art without a more detailed description thereof.

The present embodiment of the invention has been described in considerable detail merely for the purposes of exemplification since in actual practice it attains the features of advantages enumerated as desirable in the statement of the invention and the above description.

Having described the invention, what is claimed as new is:—

1. A cleaning device for drinking glasses comprising a cylindrical container adapted to receive a glass therein open end foremost, a stem upstanding from the bottom of the container axially thereof and having bristles radiating therefrom, and a sleeve of resilient material having bristles extending inwardly therefrom and countersunk in the inner wall of said container flush with the inner periphery thereof, said sleeve being resilient to facilitate retaining the same in said wall and longitudinally split to provide for readily removing the same.

2. A cleaning device for drinking glasses and for use in a water containing receptacle comprising a cylindrical container adapted to receive a glass therein open end foremost and having a bottom provided with a hub portion and a series of apertures grouped around the hub portion, a stem upstanding from the hub portion and having bristles mounted therein and radiating therefrom, bristles extending inwardly from the inner wall of said container, and a suction cup mounted on the underside of said hub portion for securing the container to the bottom of the receptacle, said cup being relatively large and flexible to provide for downward manipulation of the container under pressure exerted on a glass therein, and reactive to lift the container upwardly whereby water may be pumped into and out of the container and a glass therein.

CHARLES MORGAN.