March 19, 1935. J. SCHOEPE 1,995,108

BUBBLE BLOWER

Filed March 21, 1934

FIG. 1.

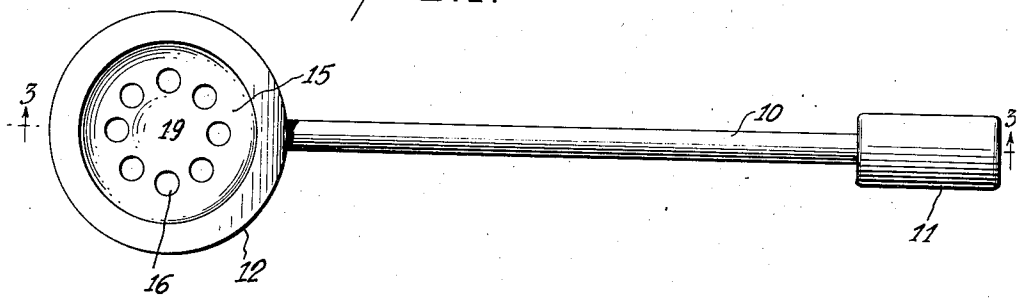


FIG. 2.

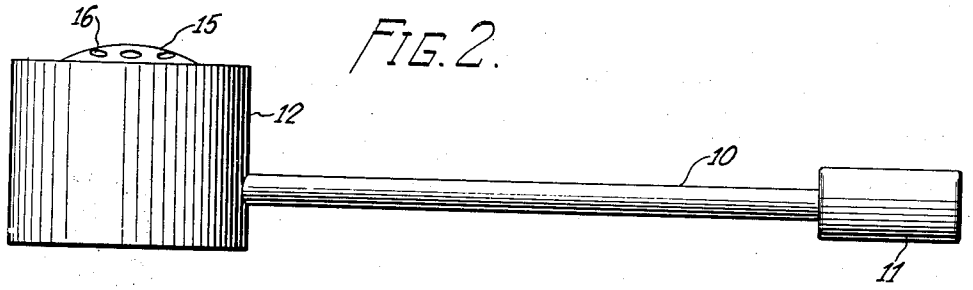


FIG. 3.

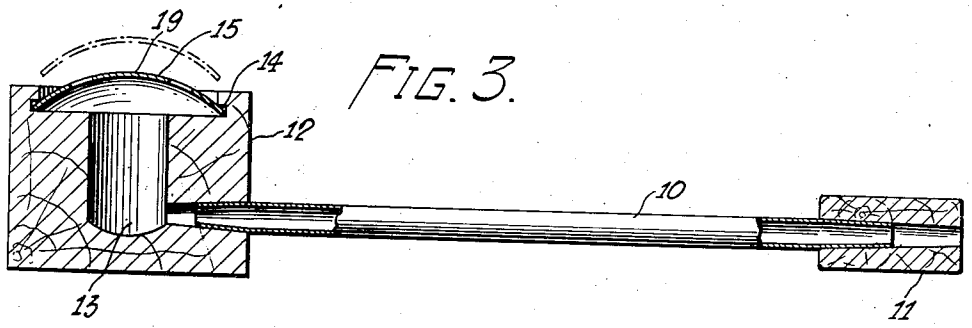


FIG. 4.

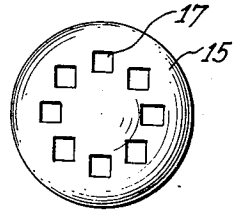
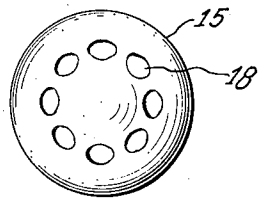


FIG. 5.



INVENTOR
Joseph Schoepe.
BY
Marvin Lemp
ATTORNEY

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BUBBLE BLOWER

Joseph Schoepe, Bronx, N. Y.

Application March 21, 1934, Serial No. 716,631

2 Claims. (Cl. 46—31)

This invention relates to soap bubble pipes, and it is an object to provide a device of this character equipped with a perforated dome-shaped top or cover arranged in a circle for producing bubbles or globules held together by surface attraction.

Another object of the invention is the provision of a bubbler of simple, inexpensive construction, durable and highly efficient in operation.

A further object of the invention is the provision of a soap bubble pipe having a thin convex cover set in the bowl of the pipe at a considerable distance below its edge.

A still further object of the invention is the provision of a device of this character which can readily be cleaned after use and the parts separated for storage and portability.

These and other objects of the invention will appear as the description proceeds.

In the accompanying drawing forming a material part of this disclosure:

Figure 1 is a top plan view of a soap bubbler constructed according to the invention.

Figure 2 is a side elevational view thereof.

Figure 3 is a sectional view taken on line 3—3 of Figure 1.

Figures 4 and 5 are detail views of modified forms of the perforated top plate for the bubbler.

As shown the device consists of a hollow stem 10, tapered at both ends and provided at one end with a mouthpiece 11 having a tapered passage and made of relatively soft material, and at its opposite end of the stem is a hollow bowl 12 for the soap suds.

The bowl 12 has an open topped chamber 13 at the bottom of which is a tapered lateral opening to receive the other end of the stem, and distanced downward from the top is an undercut annular recess 14 forming a seat for the rim of the cover or top plate 15, when forced therein.

This top is preferably made concavo-convex and is provided with a plurality of openings 16 preferably eight, arranged in uniform spaced relation to form a row encircled by the upstanding rim of the pipe bowl.

The modified forms of top or cover for the bubbler, illustrated in Figures 4 and 5, show the openings also arranged to form a circle but the openings 17 in Figure 4 have square outlines, while the openings 18 of the top illustrated in Figure 5 have an oval shape.

In all of these forms of the top plate no opening is formed in its center part 19 and this is of importance as the air will rise in the center so that all the bubbles will adhere and form a continuous ring of hollow globules, partially supported by the uppermost element of the bowl.

It will be understood that such changes may be made in the device as come within the scope of the appended claims without departure from the spirit of the invention.

Having thus described the invention, what is claimed as new and desired to secure by Letters Patent, is:

1. A soap bubbler comprising a hollow stem having tapered ends, a separable mouthpiece at one end of said stem, a bowl detachably engaged at the opposite end, said bowl having an undercut recess forming a seat distanced below the bowl rim, and a convex cover plate having a plurality of perforations engaged in the recess within the upper portion of the bowl wall.

2. A soap bubbler comprising a bowl having an undercut annular seat formed in its upper portion at such distance below its rim as to constitute an encircling band thereabove, a dome-shaped cover engaged in said seat, said cover having a plurality of uniformly spaced perforations arranged in a circle near its periphery, a mouthpiece, and a stem connecting said bowl and mouthpiece.

JOSEPH SCHOEPE.