

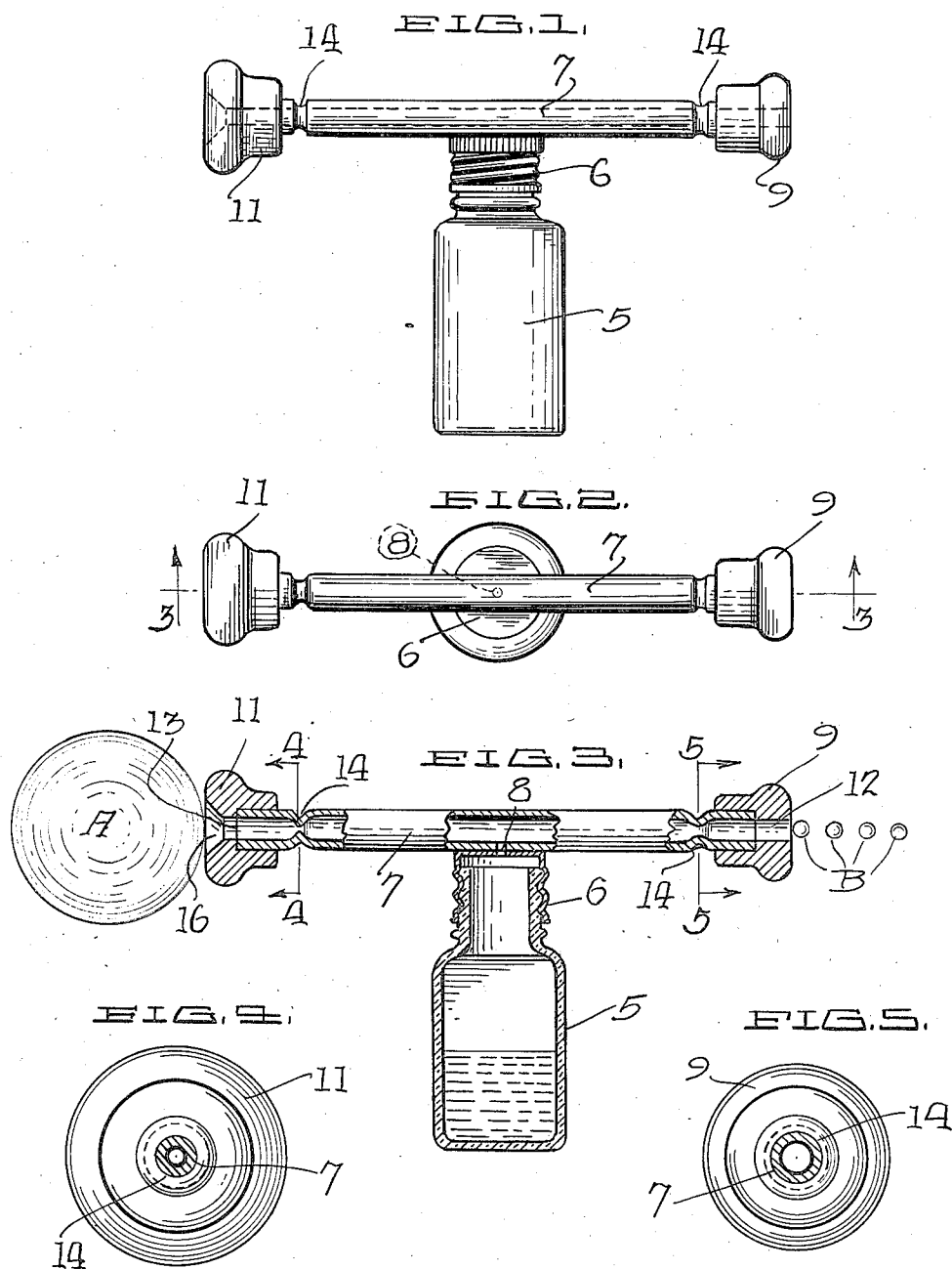
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BUBBLE BLOWER

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BUBBLE BLOWER

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1 Claim. (Cl. 46—31)

This invention relates to improvements in bubble blowers.

The principal object is to produce an amusement device wherein bubbles of various sizes may be blown from the device.

A further object is to produce a device which is self-contained in counter-distinction to bubble blowers which must be alternately dipped in soapy water, then blown.

A still further object is to produce a device which is economical to manufacture.

Other objects and advantages will be apparent during the course of the following description.

In the accompanying drawing forming a part of this specification and in which like numerals are employed to designate like parts throughout the same,

Fig. 1 is a side elevation of my device,

Fig. 2 is a top plan view of Fig. 1,

Fig. 3 is a cross sectional view on the line 3—3 of Fig. 2,

Fig. 4 is an enlarged detail cross sectional view taken on the line 4—4 of Fig. 3, and

Fig. 5 is an enlarged cross sectional view on the line 5—5 of Fig. 3.

Ordinarily soap bubbles are blown from a pipe by first dipping the pipe into a soapy solution so that a film forms across the bowl of the pipe. By then blowing upon the pipe this film expands and eventually forms a ball or bubble which may be separated from the pipe to become a free soap bubble. Applicant has devised an entirely different device for accomplishing the blowing of these bubbles, and with the result that with his device either large bubbles may be blown or a series of small bubbles in rapid succession. This is accomplished by employing a closed receptacle which communicates with a pipe from which bubbles may be blown to cause large bubbles from one end and small bubbles from the other.

In the accompanying drawing wherein for the purpose of illustration is shown a preferred embodiment of my invention, the numeral 5 designates a container in which water, coconut oil soap or any similar liquid may be placed. This container has a screw cap 6 to which is secured a tube 7. An opening 8 extends between the in-

terior of the tube and the interior of the container. The ends of this tube is provided with mouth pieces 9 and 11, each of which has a bore therethrough, as shown at 12 and 13, respectively. It will be noted that the tube 7 has constricted portions 14 adjacent each of the mouth pieces and that the mouth piece 11 is counter-sunk as shown at 16 so as to permit large bubbles A to be formed on this mouth piece, the small bubbles being shown at B in Fig. 3.

In use, a soapy solution is placed in the container, the same is given a flip so as to discharge a small amount of liquid into the tube 7. By now blowing upon the mouth piece 9, for instance, the liquid will flow through the constricted portion 14 and form a film entirely across the passage which film will travel outwardly until it reaches the mouth piece opening adjacent the counter-sink 16. From then on increased air pressure will cause the film to expand until a complete bubble has been formed. By blowing upon the mouth piece 11 and flipping the bottle, a series of small bubbles will be formed similar in effect and appearance to machine gun bullets.

It will thus be seen that I have produced a device which will accomplish all the objects above set forth.

It is to be understood that the form of my invention herewith shown and described is to be taken as a preferred example of the same and that various changes relative to the material, size, shape and arrangement of parts may be resorted to without departing from the spirit of the invention or the scope of the subjoined claim.

Having thus described my invention, I claim:—

In a device of the character described, a container, a cap secured to said container, a tubular member secured to said cap, the interior of said tubular member communicating with the interior of said container, mouth pieces carried upon opposite ends of said tube, one of said mouth pieces having a countersunk bore therein, said tube having constricted portions formed adjacent each of said mouth pieces, said container adapted to hold therein a saponaceous fluid and serving as a hand-hold for the bubble blower.

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