G. SMITH.

LIQUID APPLYING DEVICE.

APPLICATION FILED OCT. 5, 1912.

1,088,797. Patented Mar. 3, 1914.

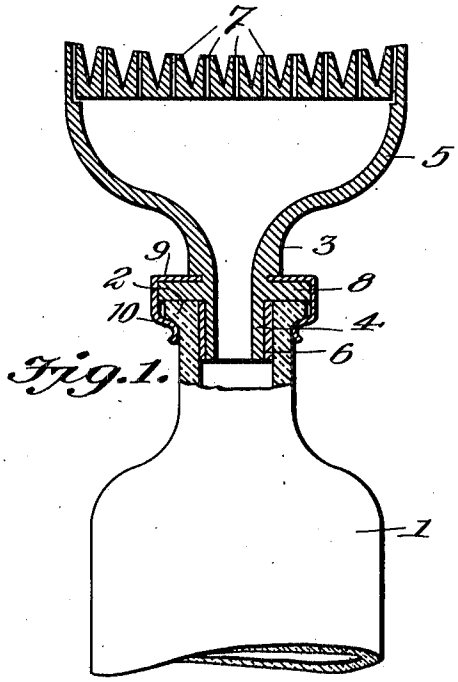



Fig. 1.

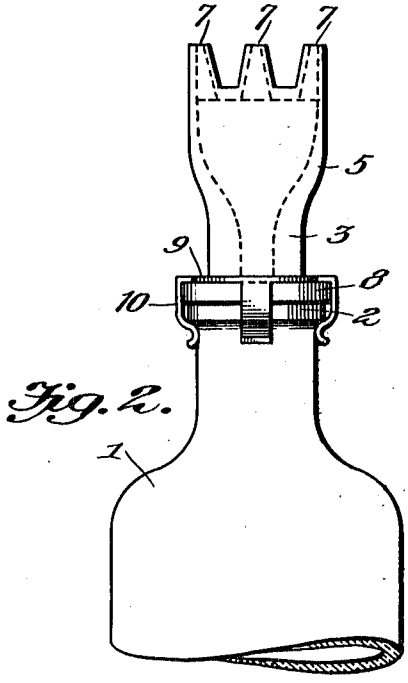



Fig. 2.

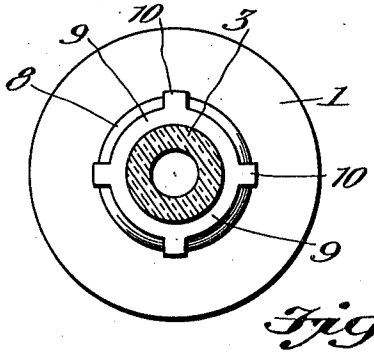



Fig. 3.

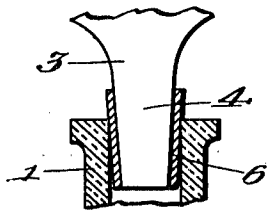



Fig. 4.

Witnesses:

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# UNITED STATES PATENT OFFICE.

GERTRUDE SMITH, OF VALDOSTA, GEORGIA.

## LIQUID-APPLYING DEVICE.

1,088,797. Specification of Letters Patent. Patented Mar. 3, 1914.

Application filed October 5, 1912. Serial No. 724,158.

*To all whom it may concern:*

Be it known that I, GERTRUDE SMITH, a citizen of the United States, residing at Valdosta, in the county of Lowndes and State of Georgia, have invented a new and useful Liquid-Applying Device, of which the following is a specification.

My invention relates to a liquid applying device and more particularly to a device of this character adapted for applying a hair tonic or dye to the scalp.

It has for its object the provision of a simple device of this character which can be applied to bottles of ordinary construction and which may be left attached to the bottle until the contents thereof have become exhausted.

With this and other objects in view my invention consists in the following details of construction and combination of parts, as will be more fully understood from the following specification and drawings, in which:

Figure 1 is a side view partly in section; Fig. 2 is an end view; Fig. 3 is a top view partly in section and Fig. 4 is a view of a slight modification.

In the drawings, the numeral 1 indicates a bottle of ordinary construction, the neck of which is provided with the flange 2.

My improved device is indicated by the numeral 3 and is provided with the extension 4 which enters the neck of the bottle, and is enlarged at its outer end as shown at 5. The extension 4 is surrounded by the gasket 6 so as to make a tight fit in the bottle. Perforated teeth 7 are formed on the enlarged end of the device and are preferably in three rows, as clearly shown in Fig. 2.

As shown in Fig. 1, the teeth are curved at the top in order to conform to the curvature of the scalp. A flange 8 is formed on the member 3 and is adapted to rest on the top of the bottle. Surrounding the member 3 and resting on the flange 8 is a metal band 9 which is provided with the spring arms 10 adapted to engage the flange 2 on the bottle neck.

In Fig. 4 I have shown a slight modification. It will be noted that in this form I have done away with the flange 8 and the extension 4 entering the neck of the bottle is tapered and surrounded by the gasket 6.

From the foregoing description, it is thought that the construction and operation of the device will be readily understood and it will be seen that the liquid will pass from the bottle 1 through the extension 4 into the enlargement 5 and out through the teeth 7. The spring arms 10 will securely hold the device to the bottle and when the contents of the bottle have become exhausted the device can be removed and applied to another bottle.

Having thus described the invention what I claim and desire to secure by Letters Patent is:

A liquid applying device comprising a receptacle, a hollow stopper, said stopper being enlarged at its outer end, perforated teeth formed on the stopper, a flange formed on the stopper adapted to engage the receptacle, a band encircling the stopper and engaging the flange, and spring arms extending from the band and engaging the receptacle.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

GERTRUDE SMITH.

Witnesses:

W. G. WHITAKER,

PERCY THIGPEN.