

C. L. COMMON.  
 FOUNTAIN TONIC APPLICATOR.  
 APPLICATION FILED NOV. 5, 1908.

946,837.

Patented Jan. 18, 1910.

Fig. 1.

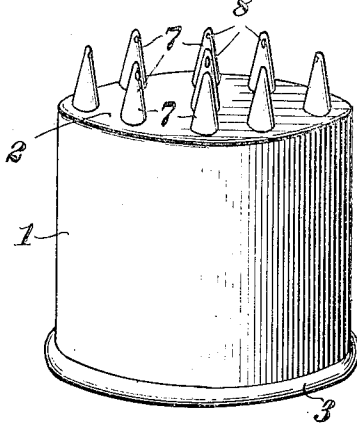
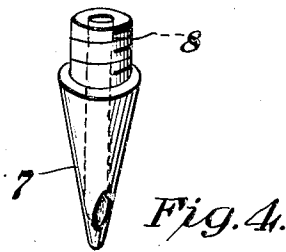
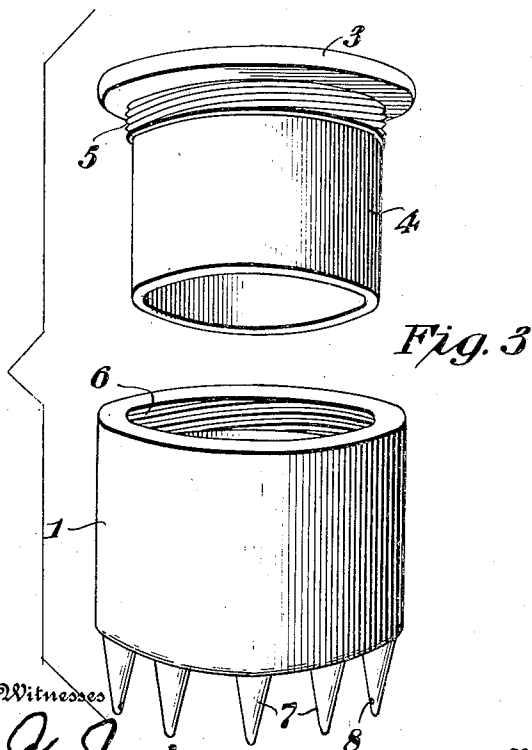
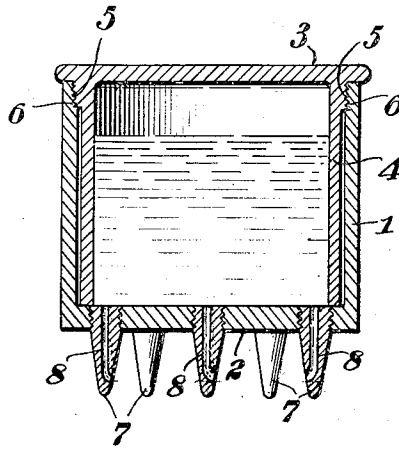


Fig. 2.



Witnesses

*J. J. ...*  
*W. A. ...*

Inventor  
 Cordelia L. Common,

By

*W. A. ...* Attorneys

# UNITED STATES PATENT OFFICE.

CORDELIA L. COMMON, OF CLEVELAND, OHIO.

FOUNTAIN TONIC-APPLICATOR.

946,837.

Specification of Letters Patent. Patented Jan. 18, 1910.

Application filed November 5, 1908. Serial No. 461,178.

To all whom it may concern:

Be it known that I, CORDELIA L. COMMON, a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Fountain Tonic-Applicators, of which the following is a specification.

This invention comprehends certain new and useful improvements in toilet articles of that type which are designed to be employed in the treatment of the hair, to apply tonic to the scalp and simultaneously effect a pleasant massage of the same; and which are designed to supersede the ordinary method of rubbing the tonic into the scalp with the fingers, as such an operation is very tedious and cannot be conveniently performed to treat one's own hair. It is well known that the ordinary instruments of this character are not efficient in operation, are not hygienic and are complicated in structure and not durable.

The object of this invention is an improved fountain tonic applicator which is designed particularly to render the operation of treating one's own hair capable of being carried on with expedition; which is designed to contain a quantity of tonic or other liquid, and to automatically conduct the same directly to the surface of the scalp and the roots of the hair, thus effecting a material economy in the amount of tonic used; which embodies to a marked degree the elements of simplicity and durability, and consists of comparatively few parts that are not liable to get out of order and with reasonable care will last for a very long time, and which possesses certain other advantages, that will become at once apparent as the invention is disclosed, over the instruments of this character in general use.

With this and other objects in view that will more fully appear as the description proceeds, the invention consists in certain constructions of the parts that I shall hereinafter fully describe, and then point out the novel features thereof in the appended claim.

For a full understanding of the invention and the merits thereof, and to acquire a knowledge of the details of construction, reference is to be had to the following de-

scription and accompanying drawing, in which—

Figure 1 is a perspective view of a fountain tonic applicator embodying the improvements of my invention; Fig. 2 is a longitudinal section thereof; Fig. 3 is a perspective view showing the reservoir and closure in juxtaposition; and, Fig. 4 is a detail view of one of the teeth.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawing, by the same reference characters.

My improved device consists essentially of a hollow cylindrical body portion or reservoir 1 which is designed to contain a charge of tonic, and which has its lower end closed, as indicated at 2, while its other end is open, as shown. A closure 3 extends across the open end of the body portion and is formed with a depending annular flange 4 that fits entirely within the body portion and is substantially equal in width to the depth of the body portion, as will be observed by reference to Fig. 2. The closure is detachably secured to the reservoir in any suitable manner, as by threads 5 formed in the periphery of the flange 4 near the juncture of the same with the closure, and arranged for engagement with interior threads 6 provided within the reservoir 1. The reservoir is provided with a series of depending teeth 7 which are preferably screwed or otherwise detachably secured in the closed end 2 and are somewhat tapered, but not sufficiently so to form sharp or rough points as would injure the hair and scalp. These teeth are supplied with tonic by means of ducts 8 that lead from the reservoir and extend longitudinally of the teeth and open outwardly through their peripheries short of the points of the same, whereby when the teeth rest upon the scalp the openings will not be closed thereby, as would be the case if the ducts communicated with the extremities of the teeth.

In the practical use of my improved device, the same is placed upon the scalp which it is desired to treat, the teeth being pressed lightly against the scalp and the operator giving the device a preferably rotary movement in order to effect the massage of the scalp. During such operation, the liquid contained in the reservoir flows steadily

through the ducts 8 and is supplied to the respective teeth near their extremities, so as to be automatically applied to the scalp as the teeth are rubbed thereover. The ducts 8 are preferably relatively small so as to afford a moderate supply of tonic and insure against any waste thereof. When the supply of tonic in the reservoir has become exhausted, the closure 3 is detached and held in an inverted position in which it is adapted to serve as a cup and receive the quantity of tonic with which the reservoir is to be charged. The body portion 1 is then passed over the flange 4 in inverted position and the parts are secured together through the medium of the screw threads 5 and 6. The device is maintained in inverted position, as illustrated in Fig. 1, until again desired for use, this being necessary in order to prevent the tonic from oozing out through the ducts 8 and thus becoming wasted.

In the present instance, the parts of this fountain applicator are formed from hard rubber, but it is to be understood that I do not limit myself to any material in constructing the device, but may make the same from any substance upon which the tonic will not have a corrosive effect.

From the foregoing description, in connection with the accompanying drawing, it will be manifest that I have provided an improved fountain tonic applicator which is

susceptible of convenient operation, which is particularly hygienic in construction, since the parts may be readily separated to be aired and cleaned; which embodies to a marked degree the elements of simplicity, durability and strength, and which may be easily and cheaply manufactured so as to be placed upon the market at a price not too great to prevent the general adoption of the device.

Having thus described the invention, what I claim is:

A fountain tonic applicator, comprising a hollow cylindrical body portion closed at one end and open at its opposite end, a series of teeth outstanding from the closed end of the body portion and formed with ducts leading from the interior of the body portion and opening outwardly through the peripheries of the teeth, and a closure detachably secured across the open end of the body portion and formed with an annular flange fitting entirely within the body portion and substantially equal in width to the depth of the body portion, as and for the purpose specified.

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

CORDELIA L. COMMON. [L. s.]

Witnesses:

F. W. LOTHMAN,

GERTRUDE M. LARKWORTHY.