Apr. 10, 1923. 1,451,260

H. T. HOLLAND

COMB

Filed Nov. 17, 1921

Fig. 1.

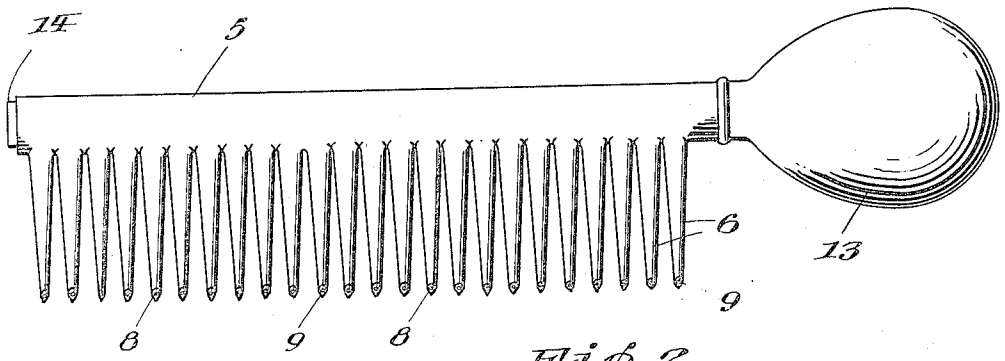
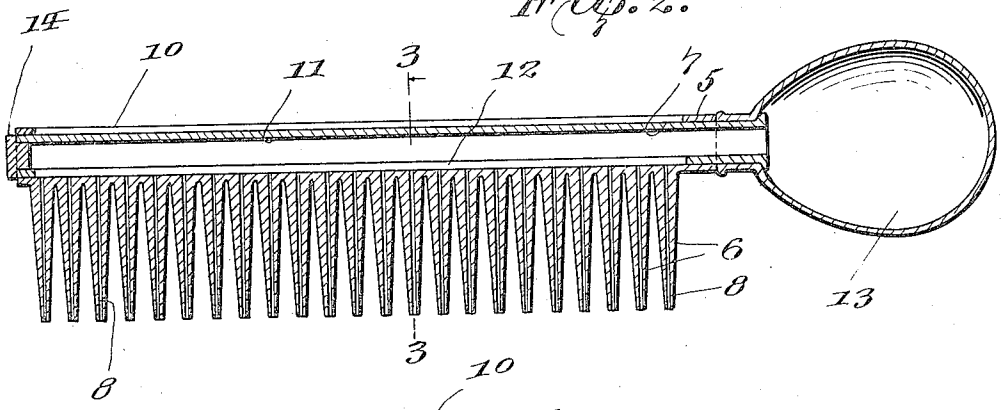


Fig. 2.



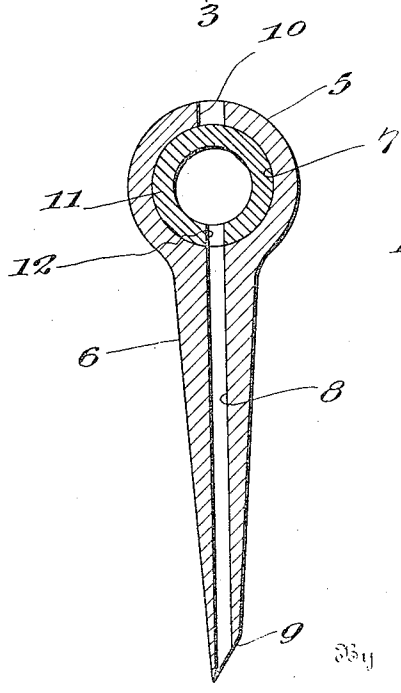


Fig. 3.

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1,451,260

UNITED STATES PATENT OFFICE.

HENRY TUFFTS HOLLAND, OF WINFIELD, NEW YORK.

COMB.

Application filed November 17, 1921. Serial No. 515,897.

To all whom it may concern:

Be it known that I, HENRY TUFFTS HOLLAND, a citizen of the United States, residing at Winfield, in the county of Queens and State of New York, have invented new and useful Improvements in Combs, of which the following is a specification.

This invention relates to combs which are provided with a hollow back forming a reservoir for a hair dressing liquid or other substance to be applied to the hair or scalp, and fitted with a rubber bulb or other pressure-producing device for forcing such liquid or other substance from the reservoir, as well as enabling the comb to be used for drying the hair by ejecting air from the reservoir.

The invention has for its object to provide a novel and improved comb of the kind stated which will not clog up, and which can be easily cleaned.

The object stated is attained by means of a combination and arrangement of parts to be hereinafter described and claimed, and in order that the same may be better understood, reference is had to the accompanying drawings, forming a part of this specification.

In the drawings,

Figure 1 is an elevation of the comb;

Fig. 2 is a central longitudinal section thereof, and

Fig. 3 is an enlarged cross-section on the line 3—3 of Fig. 2.

Referring specifically to the drawings, 5 denotes the back of the comb, and at 6 are shown the teeth. The back is hollow throughout as shown at 7, and each tooth has a central longitudinal duct 8 extending throughout its entire length, one end of the duct opening into the bore 7 of the comb back, and the other end opening through the outer end of the tooth. The end of the tooth is beveled on one side, as shown at 9. This bevel is back of that side of the comb which faces in the direction the tooth advances when the comb is drawn across the scalp, and as the duct 8 opens through the beveled portion of the tooth, it will be evident that the mouth or discharge end of the duct will not become clogged with dandruff, dirt, etc.

The comb back 5, diametrically opposite where the ducts 8 open into the bore 7, has a longitudinal slit 10 running parallel to the row of ducts. This slit permits the insertion of a pin, wire or the like into the ducts for cleaning the same.

In the bore 7 is rotatably and removably mounted a tube 11 having a longitudinal side slit 12 adapted to register with the inner or entrance ends of the ducts 8. This tube is a reservoir for holding a supply of the liquid which is to be applied to the hair or the scalp by the comb, it being understood that the liquid escapes from the reservoir by the way of the slit 12 into the ducts 8 in the comb teeth.

One end of the tube 11 projects from the corresponding end of the comb and is here fitted with a rubber bulb 13 for forcing the liquid from the tube and through the ducts 8. The other end of the tube is closed by a plug 14.

The comb can also be used for drying the hair by forcing air from the tube 11 and through the ducts 8, this being done by alternately compressing and releasing the bulb 13.

I claim:

A comb comprising a hollow back having a longitudinal slit, teeth extending from the back and provided with ducts opening at one end into the back and at their other ends through the outer ends of the teeth, the aforesaid slit being in line with the first-mentioned ends of the ducts, and a reservoir removably mounted in the comb back and discharging into the ducts.

In testimony whereof I affix my signature.

HENRY TUFFTS HOLLAND.