

D. COHEN.

COMB.

APPLICATION FILED MAY 19, 1911.

1,004,371.

Patented Sept. 26, 1911.

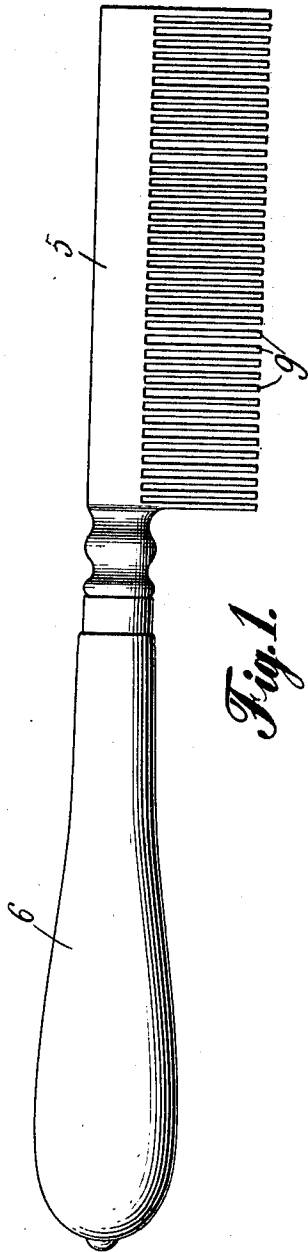


Fig. 1.

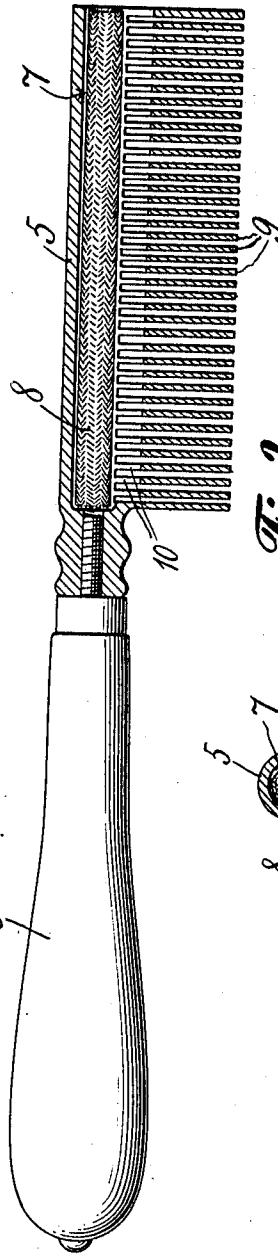


Fig. 2.

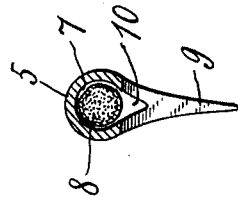


Fig. 3.

Witnesses
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UNITED STATES PATENT OFFICE.

DAN COHEN, OF MEMPHIS, TENNESSEE.

COMB.

1,004,371.

Specification of Letters Patent. Patented Sept. 26, 1911.

Application filed May 19, 1911. Serial No. 628,300.

To all whom it may concern:

Be it known that I, DAN COHEN, a citizen of the United States, residing at Memphis, in the county of Shelby and State of Tennessee, have invented certain new and useful Improvements in Combs, of which the following is a specification.

This invention relates to that class of combs which are so constructed that they may be heated, the head of the comb being hollow to receive a wick saturated with alcohol or some other suitable liquid fuel; and it is the object of the invention to provide in a comb of this kind a novel arrangement of air passages to the wick for the purpose of furnishing an abundant supply of air to support combustion.

In the accompanying drawing forming a part of this specification, Figure 1 is an elevation of the comb; Fig. 2 is a longitudinal section thereof, and Fig. 3 is a cross-section.

Referring specifically to the drawing, the comb is constructed of metal and has a hollow or tubular head 5 to which is connected a suitable handle 6. The bore 7 of the head is adapted to receive a wick 8 of suitable absorbent material, the outer end of the bore being open as shown in Fig. 2, in order that this wick may be inserted.

The bore 7 of the head is ovate in cross-section, and the teeth 9 of the comb are formed by slitting the head, said slits being made deep enough to penetrate the bore, thus forming a series of openings in the head from the bore thereof into the spaces between the teeth, and each tooth is given an opening 10 near its base, said opening being a part of, and thus communicating with, that portion of the bore which contains the wick.

The openings 10 are in alinement, and they form a flue extending through the teeth from one end of the head to the other. The purpose of this flue is to admit air to

the wick, and the air not only reaches the wick through the spaces between the teeth, but also through the openings 10, and an abundant supply to support combustion is thus furnished.

In use, the wick 8 will be saturated with alcohol or some other liquid fuel and placed within the bore 7, and then ignited, whereupon the comb is heated almost instantaneously without smoke or soot, the flames of the burning wick escaping between the spaces of the teeth 9. It will be noted that the wick 8 does not extend into the openings 10 and the latter are therefore unobstructed, so that the air may circulate therethrough for the purpose already described.

A comb constructed as herein described does not require a lighted lamp for heating it; the comb is ready for use at any and all times, and it can be carried in a handbag as any ordinary comb.

I claim:

1. A comb having a tubular head, and openings from the bore thereof into the spaces between the teeth, and in the teeth at the base thereof, the openings of the teeth being in alinement to form an air flue, and extending into the bore of the head, and a holder for a liquid fuel in said bore.

2. A comb comprising a head having a tubular portion, and slits to form the teeth of the comb, the slits extending into the head a sufficient distance to intersect and open into the bore thereof, thereby placing the spaces between the teeth in communication with said bore, and locating a portion of the bore in the teeth to form openings at the base thereof, and a holder for a liquid fuel in the bore.

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

DAN COHEN.

Witnesses:

A. P. WALSH,
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