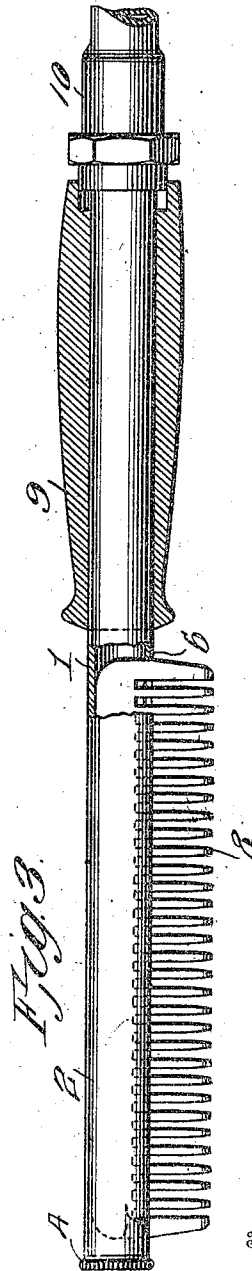
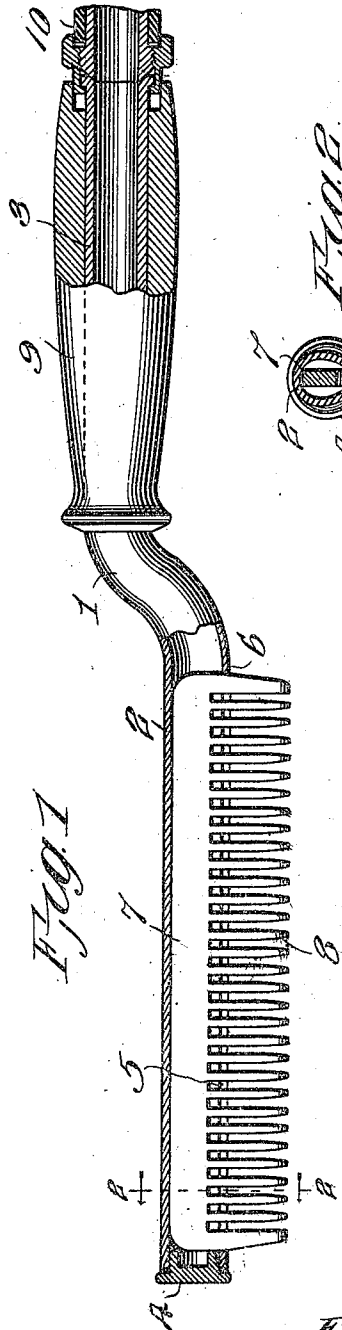


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COMB.

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Witnesses
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UNITED STATES PATENT OFFICE.

HERMAN C. HEFFNER AND FRANK E. WILSON, OF MARTINSBURG, WEST VIRGINIA.

COMB.

953,267.

Specification of Letters Patent. Patented Mar. 29, 1910.

Application filed April 24, 1909. Serial No. 491,979.

To all whom it may concern:

Be it known that we, HERMAN C. HEFFNER and FRANK E. WILSON, citizens of the United States, residing at Martinsburg, in the county of Berkeley and State of West Virginia, have invented new and useful Improvements in Combs, of which the following is a specification.

The invention relates to an improved comb, designed particularly for use with vacuum or drying apparatus, in the use of which comb the hair may be more effectively and quickly dried after treating and the scalp more readily cleaned.

The main object of the present invention is the provision of a comb, which in addition to its usual function is so mounted that a continual suction is created by the vacuum apparatus around the teeth with the effect to readily absorb the moisture in the hair and also to remove particles of dandruff or the like during operation.

The invention will be described in the following specification, reference being had particularly to the accompanying drawings, in which:—

Figure 1 is a view in elevation, partly in longitudinal section, showing the preferred form of comb. Fig. 2 is a section on line 2—2 of Fig. 1. Fig. 3 is a view similar to Fig. 1, showing a slightly modified form.

Referring particularly to the accompanying drawings, our improved comb in its preferred embodiment comprises a tube-like member 1, the respective end sections of which are arranged in relatively offset planes to provide what will be hereinafter termed a comb section 2 and a handle section 3. The tube or body member 1 is open throughout its entire length, being adapted to be closed at the forward or free end of the comb section through the medium of a cap 4 arranged for threaded or frictional connection with the section. In rear of the forward end of the comb section 2 the body is preferably of slightly oval shape, as shown in Fig. 2, the relatively lower edge of said oval portion being formed with a

longitudinally extending slot 5. The slot extends throughout the length of the comb section, opening through the forward edge, and terminating at the rear end in an abrupt wall 6. A comb 7, including the usual back and teeth 8, is designed to be inserted in the comb section, the width of said comb being such as to fit in the slot 5. The major axis of the comb engaging portion of the comb section is greater than the height of the comb back, so that when the comb is disposed therein the upper end of the teeth, or more properly the juncture between the teeth and back is within the body, so that the interior of the body 1 is in open communication with the atmosphere through those portions of the slot 5 between the teeth of the comb. The handle section 3 of the body 1 is provided with a handle 9 for convenience in the operation of the device, and the rear or free end of the handle section is preferably formed to permit the connection thereto of a flexible or other tube leading from a vacuum treating apparatus.

In Fig. 3 we have shown a structure identical with that previously described except that the body 1 has both the comb and handle sections arranged in the same plane.

In use with the vacuum apparatus in operation the comb is used in the ordinary manner, the teeth operating to separate the strands of hair and permit the suction to take up the moisture in an expeditious manner. The effect is to be distinguished from drying apparatus adapted to be passed over the hair to take up the moisture, in that by the use of the comb the fixed strands of hair are separated and the drying operation is much more quickly and effectively performed. While designed primarily for use with the vacuum apparatus, it is, of course equally effective with a scalp or hair treating apparatus in which heat or medicated air is forced onto the hair, as the effect of the comb insures a complete searching of such medicated air so as to render the same more effective.

By removal of the cap 4 the comb proper

in use may be readily removed and combs of various sizes and for different purposes as readily inserted.

The structure, aside from the details noted
5 may be varied or ornamented as desired.

Having thus described the invention what is claimed as new, is:—

A comb including a hollow body formed with a comb receiving slot, a comb proper
-10 removably mounted in the slot, and a cap

closing the end of the body and preventing displacement of the comb proper.

In testimony whereof we affix our signatures in presence of two witnesses.

HERMAN C. HEFFNER.
FRANK E. WILSON.

Witnesses:

WALTER W. TROUT,
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