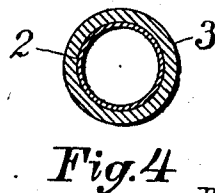
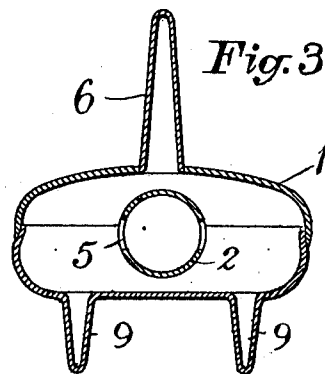
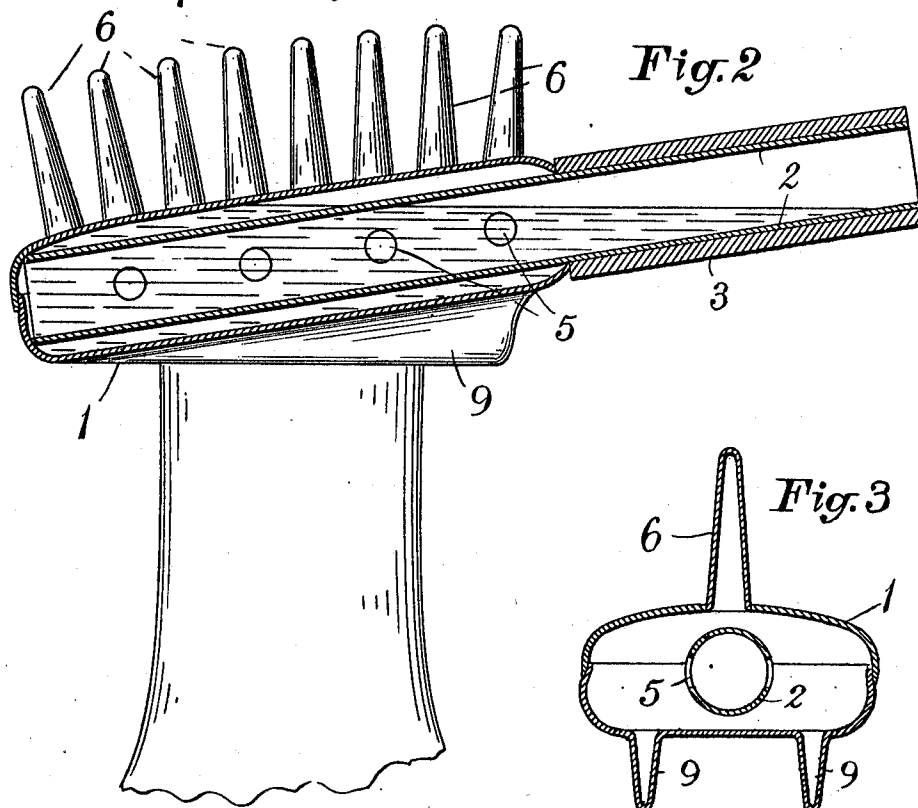
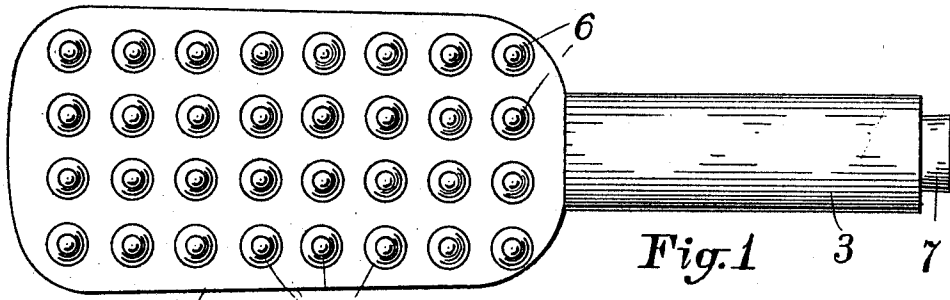


F. E. HAWKES.
HAIR DRYING DEVICE.
APPLICATION FILED MAR. 10, 1911.

1,004,646.

Patented Oct. 3, 1911.



Witnesses;

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UNITED STATES PATENT OFFICE.

FRANK E. HAWKES, OF BOSTON, MASSACHUSETTS.

HAIR-DRYING DEVICE.

1,004,646.

Specification of Letters Patent.

Patented Oct. 3, 1911.

Application filed March 10, 1911. Serial No. 613,521.

To all whom it may concern:

Be it known that I, FRANK E. HAWKES, a citizen of the United States, and a resident of Boston, in the county of Suffolk and Commonwealth of Massachusetts, have invented certain new and useful Improvements in Hair-Drying Devices, of which the following is a specification.

The object of this invention is the construction of a comb or brush which can be heated by means of a stove, lamp or other hot object, and then used for drying the hair, either of the person wielding it, or of a passive subject. By preference, the device and its teeth are made hollow for containing water, for the reason that the boiling point of the latter is fixed and of a temperature incapable of burning the hair. Moreover, the latent heat of water is high, and the consequent duration of its remaining hot and usable quite long.

Referring to the drawings forming part of this specification, Figure 1 is a plan view of a brush made in accordance with my invention. Fig. 2 is a central longitudinal vertical section of the same shown as supported upon and being heated by a lamp or burner. Fig. 3 is a cross section of the device when formed as a comb. Fig. 4 is a cross section of the handle.

The entire device is preferably composed of some suitable metal as aluminum, with walls as thin as is comports with strength; the body 1 being made of substantially the size and dimensions of an ordinary hair-brush, although considerably thicker. The handle is preferably a tube 2 surrounded by a non-conducting shell 3 of wood or other suitable material.

For the sake of strength, the tube 2 may be run through to the end of the body 1, as shown in Fig. 2; in which case the section thereof within the body should be perforated, as by the holes 5, to allow free circulation of the water in the same.

The teeth 6, whether in a single row as in Fig. 3, or in a plurality of rows as in Fig. 1, are preferably made tapering, with their outer ends smoothly rounded. The tapering formation of the teeth insures a better circulation in them than would be the case were they cylindrical.

A cork or other stopper 7, shown in Fig. 1, retains the water within the device. To

heat the contents of the device while said stopper is in place renders the latter liable to be blown out and more or less of the water to be sent flying, with consequent injury to person and property. Hence, to heat the water when the stopper is out, the handle-end must be substantially elevated, as shown in Fig. 2. To do this when the device is supported upon a stove, the top of a lamp-chimney, or the like flat surface, the face of the body 1 opposite to the teeth is provided with ribs 9 higher at the end next the handle than at the other end. These ribs are preferably, but not necessarily, integral with the body 1, as shown in Fig. 3, and adapted to contain water. While this sloping form of the ribs is essential to holding the device inclined, ribs of any contour are needed in order to keep the device from interfering with the draft of the chimney upon which it is placed.

After the water within the device has been suitably heated, the cork 7 is inserted into the end of the tube 2, and the hair which is to be dried is combed or brushed by the device in substantially the usual manner which combs or brushes are used. It is surprising in how quick a time the hair will be dried by means of this device, no matter how wet it may be.

What I claim as my invention and for which I desire Letters Patent is as follows, to wit;—

1. A hair-drying device comprising a water-containing body, hollow teeth projecting from one face of said body and communicating with the interior thereof, and longitudinally disposed ribs formed upon the face of the body opposite to said teeth, whereby the water in said body may be heated by locating the same ribs downward upon the chimney of a lamp.

2. A hair-drying device comprising a water-containing body, hollow teeth projecting from one face of said body and communicating with the interior thereof, a tubular handle projecting from one end of said body and having an open outer end adapted to be closed, whereby to fill said body, and longitudinally disposed ribs formed upon the face of said body opposite to said teeth, said ribs being much higher at their ends adjacent to said handle than at their opposite ends.

3. A hair-drying device comprising a water containing body formed of sheet metal, hollow teeth communicating therewith, and a tube extending from end to end of said body and projecting therefrom to form a handle, said tube being apertured in its inclosed section.

In testimony that I claim the foregoing invention, I have hereunto set my hand this 10th day of October, 1910.

FRANK E. HAWKES.

Witnesses:

A. B. UPHAM,

H. L. WHITTLESEY.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
