

S. TAYLOR.
HAIR DRYING BRUSH.
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990,314.

Patented Apr. 25, 1911.

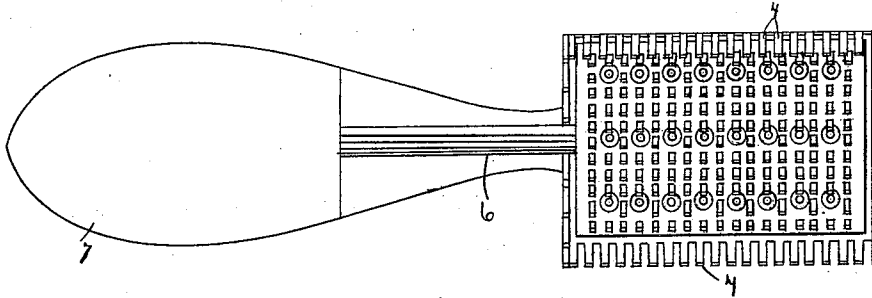


Fig-1

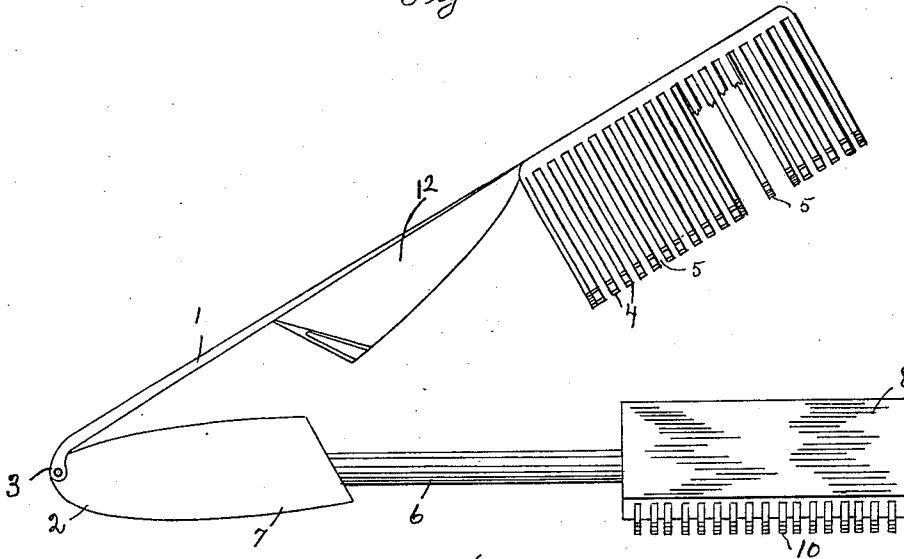


Fig-2

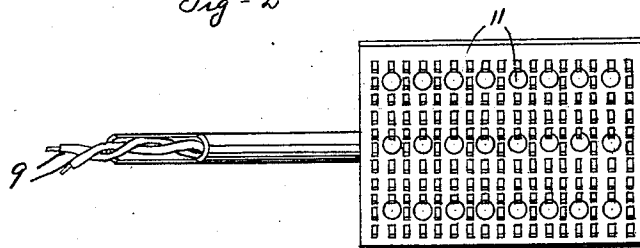


Fig 3.

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UNITED STATES PATENT OFFICE.

SAMUEL TAYLOR, OF HOUSTON, TEXAS.

HAIR-DRYING BRUSH.

990,314.

Specification of Letters Patent.

Patented Apr. 25, 1911.

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To all whom it may concern:

Be it known that I, SAMUEL TAYLOR, a citizen of the United States, residing at Houston, in the county of Harris and State of Texas, have invented certain new and useful Improvements in Hair-Drying Brushes, of which the following is a specification.

My invention relates to new and useful improvements in hair drying brushes.

10 The object of the invention is to provide a device of this character that will effectually dry the hair after shampooing or washing the same, yet not burn the scalp.

15 Another object of my invention is to provide means whereby a number of the teeth of the device may be heated, and the remainder will remain relatively cool, the cool ones contacting with the scalp while the heated ones are brought in close proximity 20 to but do not touch the scalp.

25 Finally the object of the invention is to provide a device of the character described that will be simple, comparatively inexpensive to produce, practical and easily manipulated.

30 With the above and other objects in view my invention has relation to certain novel features of construction and operation, an example of which is given in this specification and illustrated in the accompanying drawings, wherein:—

35 Figure 1 is a view of the brush in perspective. Fig. 2 is a side elevation thereof, partially opened and Fig. 3 is a view in perspective of the portion to be heated with the handle broken away.

40 Referring now more particularly to the drawings, wherein like numerals of reference indicate corresponding parts in each of the figures, the numeral 1 refers to the back guard member which is secured to the brush proper 2, by a suitable hinge 3. The body portion of member 1 carries a fringe of teeth 4 and projecting therefrom is also a plurality of 45 finer teeth 5. Intermediate the ends of member 1 is a section 12 of preferably hard rubber which is grooved to receive handle 6 of member 2 and also form an extension of grip 7, of member 2, and form a complete handle 50 for the device.

Upon the free end of member 2 is a plate 8 with which wires 9 communicate and through

which a current of electricity is to pass and heat the said plate and the teeth 10, carried thereby. These teeth 10, are shorter than 55 the teeth 4 and 5 so that when heated they will not come in contact with the scalp but be held away from the same by teeth 4 and 5.

A series of perforations, 11 are provided in the plate 8 so that teeth 5 may pass there- 60 through in order that they may assist in separating the hair.

A device of this character constructed in accordance with this specification and the drawings accompanying the same and made 65 a part hereof, will be found to be simple, easily manipulated and cheaply constructed.

What I claim is:—

1. A hair drying brush comprising a guard portion carrying teeth upon its free end, a 70 brush portion carrying a plate and teeth upon its free end, the former being adapted to receive the latter and means for securing the said portions together.

2. A hair drying device comprising a 75 guard portion carrying teeth upon its free end, a brush portion hingedly connected to the first mentioned portion, said second portion carrying a plate upon its free end, teeth carried by said plate, means for conducting 80 a heating element to said plate, and the teeth carried thereby, the teeth of said guard being longer than the teeth of said brush portion so as to prevent the heated teeth from contacting with the surface over which the 85 device is to be passed.

3. A hair brush comprising a guard portion carrying teeth upon its free end, a brush portion carrying a plate and teeth 90 upon its free end, the former being adapted to receive the latter and means for securing the said portions together and means for conducting electricity to the said plate and teeth carried thereby.

4. A hair drying brush comprising an 95 outer and inner portion; teeth carried by the inner portion; means for conducting an electric current to said teeth, the teeth, carried by said outer portion, projecting beyond the teeth of the inner portion, when closed and 100 means for hingedly securing the said portions together.

5. A brush, as described composed of a guard portion and a brush portion hingedly

secured together, teeth carried by the guard
portion designed to surround and project
through the brush portion, and teeth also
carried by the brush portion and protected
5 by the teeth of the guard portion and means
for conducting an electric current to the
teeth of the brush portion.

In testimony whereof I have signed my
name to this specification in the presence of
two subscribing witnesses.

SAMUEL TAYLOR.

In the presence of—

A. TOMPKINS,

W. H. MCBRAYER.

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