

June 11, 1963

G. L. JOHNSON
ELECTRIC HAIR SINGEING DEVICE

3,093,724

Filed Nov. 3, 1961

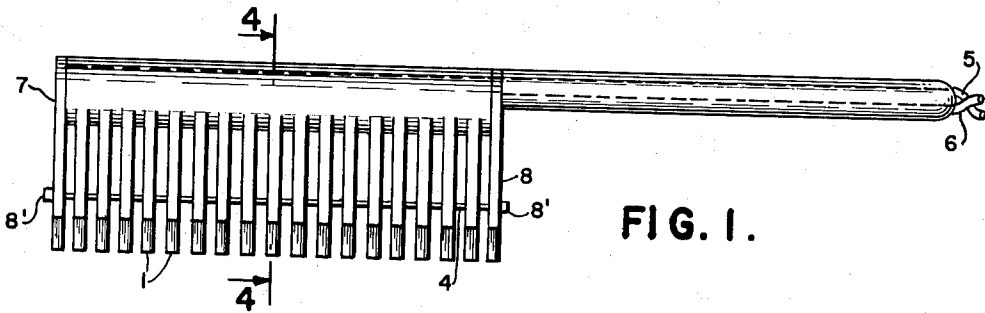


FIG. 1.

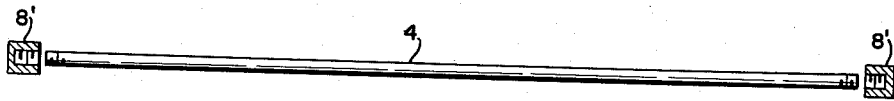


FIG. 2.

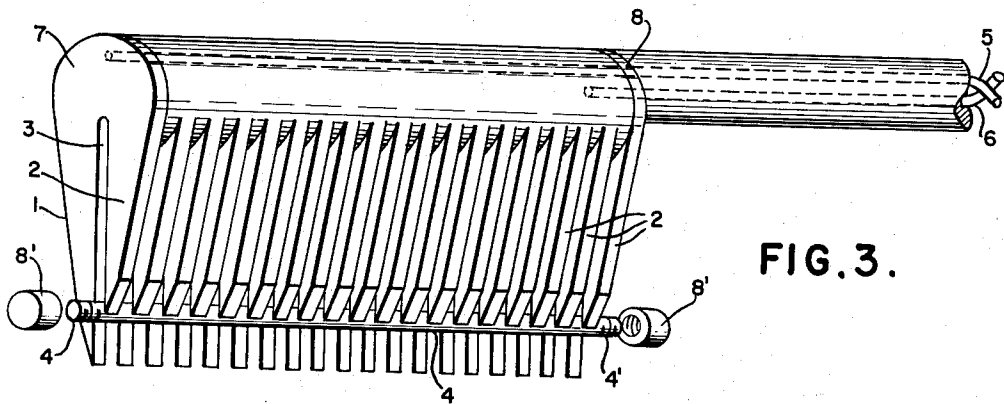


FIG. 3.

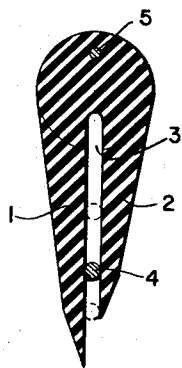


FIG. 4.

INVENTOR
Grady L. Johnson

BY

ATTORNEY

1

3,093,724

ELECTRIC HAIR SINGEING DEVICE

Grady L. Johnson, 619 W. Howard Ave., Decatur, Ga.

Filed Nov. 3, 1961, Ser. No. 149,948

2 Claims. (Cl. 219—29)

The invention relates to electric hair singeing devices adapted to shave by singeing the hairs of the beard, an object being to provide such a device in the form of a comb or head of non-electric conducting fireproof material combined with a wire blade of electric conducting material, in which said comb has two sets of teeth, said sets being spaced apart from each other by a longitudinal slot; the teeth of one set being shorter than those of the other set; the longer teeth having their free end portions projecting beyond the free ends of the shorter teeth; said teeth being tapered and of gradually increasing thickness towards their root ends, said blade being connected with a source of electric current to heat it to a hair singeing temperature, said blade being adjustable upwardly and downwardly within said slot to vary its singeing effect.

The invention consists in the novel construction and combinations of parts hereinafter set forth in the claims.

In the accompanying drawings:

FIGURE 1 is a side view of the invention, showing the wire blade adjusted upwardly in the slot of the comb from its lowermost position.

FIGURE 2 is a detail side view of the wire blade.

FIGURE 3 is a perspective view of the invention, partly broken away, showing the wire blade in its lowermost position, the securing nuts being shown detached from the blade.

FIGURE 4 is a section on the line 4—4, FIGURE 1.

Referring to the drawings, the comb or head is shown as provided with two sets of tapered teeth, said sets designated respectively 1 and 2 being spaced apart from each other by a longitudinal slot 3 of said head. The numeral 4 designates a longitudinal wire blade located within said slot, the teeth of each set being of gradually increasing thickness towards their root ends, due to their said taper, said comb or head being of electric non-conducting fireproof material, said blade being of electric conducting material and adapted to be connected with a source of electric current and to be heated thereby to hair singeing temperature, said blade being adjustable upwardly and downwardly within said slot to vary its singeing effect.

2

The teeth of one of said sets are shorter than those of the other set, the longer teeth having their free end portions projecting beyond the free ends of the shorter teeth, said blade being adjustable downwardly within said slot to expose it below the shorter teeth of said other set for maximum singeing effect.

The terminals of the positive and negative conductor wires 5 and 6 are connected with end plates 7 and 8 of electric conducting material with which said blade 4 is in electrical contact at all times.

The wire blade 4 has its end portions threaded at 4', nuts 8' being screwed upon said end portions into tight engagement with said end plates to secure the wire blade in position as adjusted in said slot, said blade 4 and said end plates 7 forming part of the electric circuit for heating said wire blade 4.

The electric current may be regulated by a suitable rheostat, not shown.

The right is reserved to modifications coming within the scope of the claims.

I claim:

1. An electric hair singeing device comprising an elongated head provided with two sets of tapered comb teeth, said sets being spaced apart from each other by a longitudinal slot of said head, and a longitudinal wire blade located within said slot, the teeth of each set being of gradually increasing thickness towards their root ends due to their taper, said head being of electric non-conducting fireproof material, said blade being of electric conducting material and adapted to be connected to a source of electric current and to have its temperature raised to hair singeing temperature, said blade being adjustable upwardly and downwardly within said slot to vary its singeing effect.

2. An electric hair singeing device as defined in claim 1, in which the teeth of one set are shorter than the teeth of the other set, the teeth of the longer set having their free end portions projecting beyond the free ends of the shorter teeth, said blade being adjustable downwardly within said slot to expose it below the shorter teeth of said other set for maximum hair singeing effect.

References Cited in the file of this patent

UNITED STATES PATENTS

| | | | | |
|----|-----------|---------|-------|---------------|
| 45 | 558,465 | Bell | ----- | Apr. 14, 1896 |
| | 2,491,708 | Bradley | ----- | Dec. 20, 1949 |