

Jan. 29, 1935.

E. CLEIN

1,989,185

COMB

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FIG. 1.

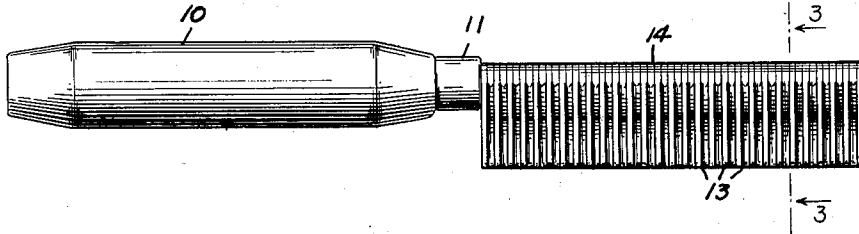


FIG. 2.

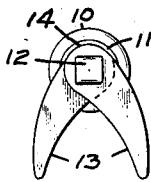


FIG. 3.

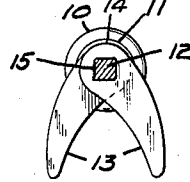


FIG. 4.

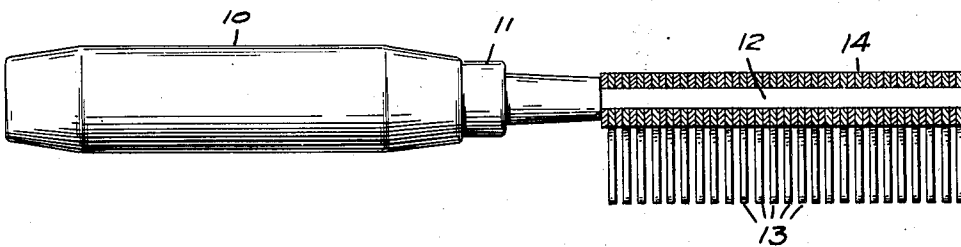
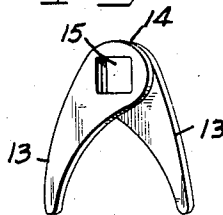


FIG. 5.



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# UNITED STATES PATENT OFFICE

1,989,185

COMB

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3 Claims. (Cl. 132-16)

My invention relates to improvements in combs and has reference particularly to the type of comb which is made of a relatively heavy metal and used to take the curl or kink out of hair.

5 Combs of this character are used to accomplish their purpose by causing the teeth of the comb to pass through the hair at an angle which will initially straighten the hair and then the comb is turned to direct the teeth away from the scalp and the back or body of the comb is pressed 10 down to smooth the hair and retain it in straightened condition. It has been found in practice that a comb having a double row of teeth is desirable in that it accomplishes its purpose much more quickly and efficiently than is possible with 15 the ordinary single comb variety.

With the foregoing in mind it is the object of the present invention to provide a comb of the type hereinafter described with double rows of 20 teeth, the outer surfaces of which together with the back form a parabolic outline in transverse section, whereby in the application of the comb to the hair the former may be manipulated to comb from opposite sides and to present contin- 25 uous curved surfaces meeting the substantially semi-circular surface of the back to smoothen the hair and retain it in straightened condition.

A further object of the invention is to provide a double toothed comb of this type with individ- 30 ual teeth arranged on a core in oppositely disposed alternate positions to form two rows.

I accomplish these objects by means of a comb constructed in accordance with the details of the following specification and claims and the embod- 35 iments illustratively exemplified in the accompanying drawing, in which

Figure 1 is a side elevational view of my improved comb;

Figure 2 is an end elevational view;

40 Figure 3 is a substantially transverse sectional view taken on lines 3-3 of Figure 1;

Figure 4 is a substantially longitudinal sectional view of the teeth; and

45 Figure 5 is a perspective view of a pair of teeth as they arrange themselves in the double comb.

Referring to the drawing, 10 denotes the handle, which may be of wood or any other suitable material, and which is provided with a metal ferrule 11 at one end and an axially projecting shaft or core 12 beyond the ferrule 11. The core 12 5 is preferably square in transverse section to accommodate a plurality of individual tooth members 13 arranged side by side and alternately projecting in opposite directions. Each tooth 13 10 consists of a flat piece of steel, which is round at its one end to form with adjacent teeth the back 14 of the comb, and which is tapered off from the rounded end in a curved line to form the tooth proper. A square hole 15 is broached 15 in the rounded end to accommodate the square core 12 of the handle, and in assembling the teeth alternate members are arranged so that their outer curved sides coincide, thereby making two rows of teeth, the outer surfaces of which in transverse section, form a parabolic outline. The 20 rows of teeth 13 are held rigidly in position on the core 12 by turning over the end of the latter on the outermost tooth as illustrated in Figures 2 and 4.

Having described my invention and the manner in which the same may be used, what I claim and desire to secure by Letters Patent is:

1. A comb comprising a handle and a shaft projecting therefrom, and a plurality of teeth 30 mounted on the shaft to form two rows, the outer surfaces of which in transverse section form a parabolic outline.

2. A comb comprising a handle and a square shaft projecting therefrom, and a plurality of 35 alternately arranged teeth having square openings to receive the shaft and comprising plate members with rounded ends to form the back of the comb and curved tapered portions, the outer surfaces of the alternately arranged teeth 40 in transverse section forming a parabolic outline.

3. A comb, as claimed in claim 2, in which the free end of the shaft beyond the outermost tooth is turned over on the latter.

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