Dec. 14, 1948. C. MARINI 2,456,138

COMB

Filed Nov. 29, 1945

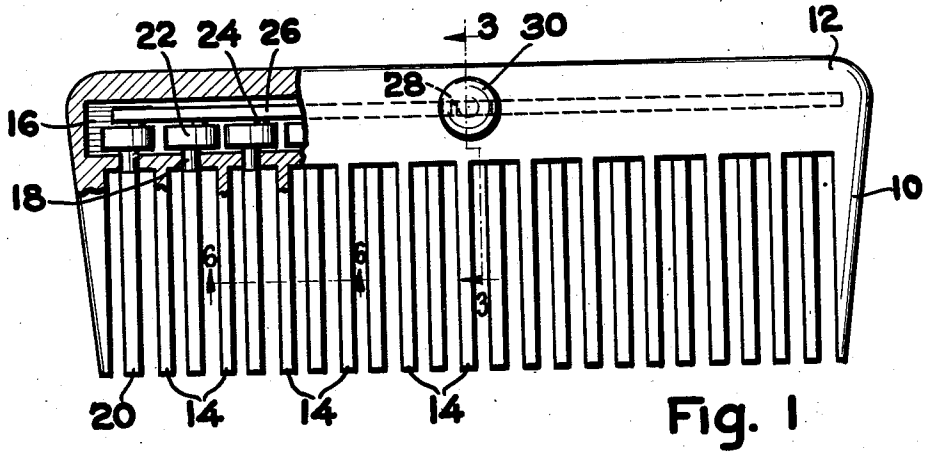


Fig. 1

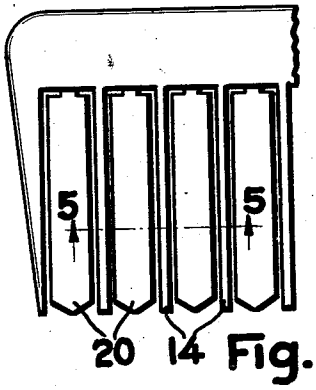


Fig. 2

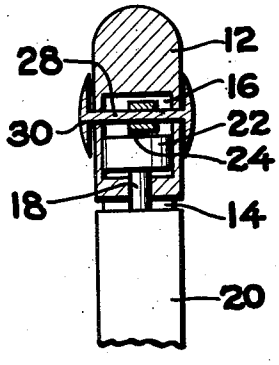
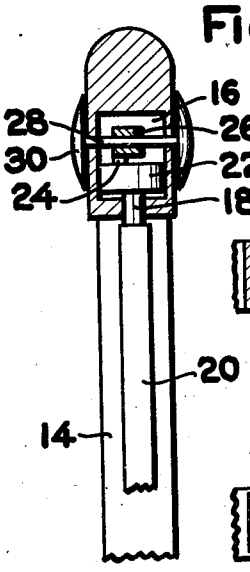


Fig. 3

Fig. 4



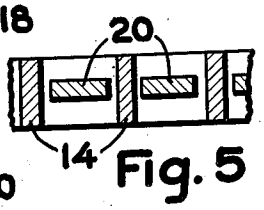


Fig. 5

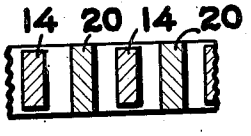


Fig. 6

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COMB

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1 Claim. (Cl. 132—21)

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This invention relates to combs having locking teeth for the purpose of locking the comb in the hair.

Objects of the invention include the provision of a comb having a hollow back and a series of conventional spaced fixed teeth extending therefrom, rotatable blade-like teeth located between pairs of fixed teeth, and means in the hollow back for rotating said teeth between positions parallel with the fixed teeth and at an angle thereto for the purpose of locking strands of hair between the fixed and rotating teeth.

Other objects and advantages of the invention will appear hereinafter.

Reference is to be had to the accompanying drawings, in which

Fig. 1 is a view in elevation showing a comb according to the invention, parts being in section;

Fig. 2 is a fragmentary view similar to Fig. 1 but showing the rotating teeth in hair-locking condition;

Fig. 3 is a section on line 3—3 of Fig. 1;

Fig. 4 is a view similar to Fig. 3 but showing the rotatable teeth in a different angular position;

Fig. 5 is a section on line 5—5 of Fig. 2; and

Fig. 6 is a section on line 6—6 of Fig. 1.

As shown in Fig. 1, there is provided a comb 10 having a back 12, said back 12 having a series of spaced teeth 14 extending therefrom, the back being provided with an elongated chamber 16 therein. Between each fixed tooth 14 there is provided a circular opening leading between the chamber 16 and the spaces between the roots of teeth 14. Each opening rotatably receives a pin to which is secured a blade-like tooth 20, each tooth 20 having a width similar to the widths of teeth 14, but the teeth 20 are rectangular in outline as sown in Fig. 2 so that when rotated on pins 18 to the Fig. 2 position, teeth 20 substantially fill the spaces between teeth 14. However, when the teeth 20 are rotated 90° from the Fig. 2 position, they lie parallel with teeth 14 as shown in Fig. 1 and Fig. 6.

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Each pin 18 is secured to an element 22 in the chamber 16. These elements are each provided with an eccentric pin 24 secured to a longitudinally movable bar 26 so that as the bar is longitudinally moved, it will swing elements 22, thereby rotating teeth 20 thru an angle of 90° between the positions of Fig. 1 and Fig. 2, that is, between a position wherein the teeth are all parallel as in Fig. 6 to a position wherein alternate teeth are arranged at right angles as shown in Fig. 5.

The bar 26 is provided with a slot receiving a stem 28 of a fingerpiece 30, arranged for moving the bar 26 longitudinally in the chamber 16.

It will be seen that this invention provides a comb having rotatable locking teeth for locking in the hair in an efficient manner so that the comb cannot fall out of the hair and so that the hair is firmly locked by the comb.

Having thus described my invention and the advantages thereof, I do not wish to be limited to the details herein disclosed, otherwise than as set forth in the claim, but what I claim is:

A comb having a back, a chamber therein, a series of fixed teeth extending from the back, a rotatable blade-like tooth between each pair of fixed teeth, an eccentric for each rotatable tooth, said eccentrics being located in the chamber, a bar secured to each eccentric, and means for moving the bar for rotating the eccentrics and therefore the rotatable teeth.

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REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
713,402	Clinton	Nov. 11, 1902
2,401,143	Dorkin	May 28, 1946

FOREIGN PATENTS

Number	Country	Date
505,335	Germany	Aug. 18, 1930