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2,896,320

HAIR CUTTING DEVICE

Filed Jan. 31, 1955

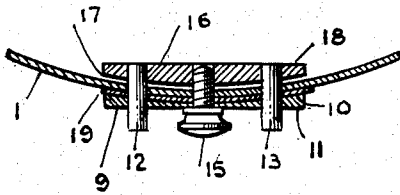


FIG. 2

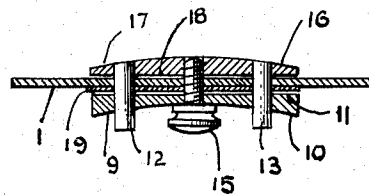


FIG. 3.

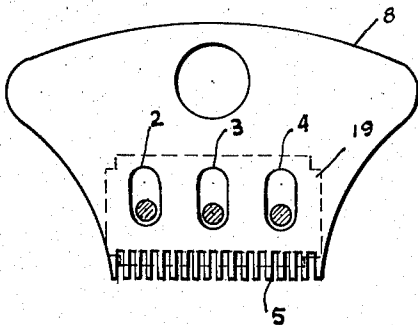


FIG. 1.

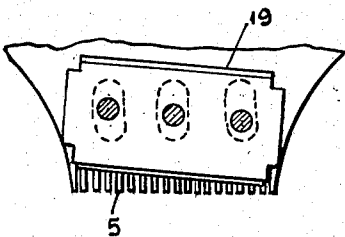


FIG. 4

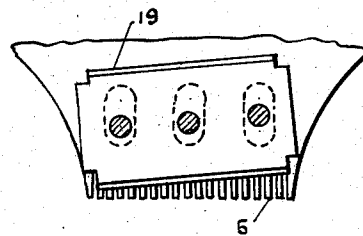


FIG. 5.

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HAIR CUTTING DEVICE

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1 Claim. (Cl. 30—30)

This invention relates to hair-cutting devices and in particular is concerned with the provision of a device which will enable the user to cut his own hair in an efficient and effective manner.

Previous attempts to provide such a device have met with varying degrees of success, the most successful of which have been those combining some form of comb with a safety razor blade. However, even the latter have not proved completely successful due to the fact that they do not conform to the curvature of the head, consequently only a small portion of the flat cutting blade comes in contact with the hair, resulting in an uneven cut.

The present invention aims to overcome these disadvantages by providing a cutting device with means whereby it may be given a certain curvature as and when desired. A device in accordance with the invention will now be described by way of example and with reference to the accompanying drawings, in which:

Fig. 1 is a plan view of a comb made in accordance with the invention.

Fig. 2 is a sectional elevation of the comb-cutter in curved form.

Fig. 3 is a sectional elevation of the comb-cutter in flat form.

Figs. 4 and 5 are fragmentary views showing the positioning of the cutting blade.

To carry the invention into effect a flexible comb shown at 1 in each of the figures is adapted to carry on one of its surfaces a safety razor blade of the slotted or three-hole type, to which end the comb 1 is fabricated with three longitudinal slots, 2, 3, and 4, formed in its body, lying substantially parallel to each other and at an angle of ninety degrees to the serrated edge 5. The three longitudinal slots are located in such spaced relationship to each other that they align with the securing holes or slots of various types of safety razor blades. The side 8 of the comb opposite the toothed edge 5 is adapted to be held in the hand and may take any convenient form suitable to that purpose.

To impart the correct degree of curvature to the comb 1, a metal plate shown at 9 in Figs. 2 and 3 is provided with two dissimilar faces, that shown at 10 in Figs. 2 and 3 being concave while that at 11 is flat. The metal plate 9 is also provided with two studs 12 and 13 which protrude beyond the faces 10 and 11, and a hole located midway between the studs 12 and 13 adapted to receive a bolt 15. Located on the opposite side of the comb 1 is a metal plate 16, having three holes so spaced as to receive the studs 12 and 13 and the threaded bolt 15, the center hole receiving the bolt 15 and being threaded. The metal plate 16 is likewise provided with two dissimilar faces, that shown at 17 being convex, the opposite face 18 being flat.

In operation, a safety razor blade shown at 19 in each of the figures is placed on the face of the comb 1. The plate 9 is placed over the blade 19, the two studs 12 and 13 protruding through the slots 2 and 4 of the comb 1. The plate 16 is now placed in position on the opposite side of the comb 1 with the convex face 17 innermost as shown in Fig. 2 with the ends of the studs 12 and 13 engaging in the two outermost holes. By screwing the bolt 15 into the threaded center hole of the plate 16, the convex and concave faces of the metal plates

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16 and 9 respectively are drawn together, thus imparting the curvature of the metal plates to the razor blade 19 and comb 1.

With the comb 1 and the cutting blade 19 in the curved position shown in Fig. 2, the entire cutting edge of the blade engages the hair as the comb is drawn through it, the depth of cut being determined by the position of the blade 19, which may be varied, in relation to the serrated edge 5, thus producing a perfectly even cut.

In order to cut the hair efficiently on the sides of the head above the ears, it is necessary that the comb-cutter should lie in a flat plane as shown in Fig. 3. This is simply accomplished by removing the bolt 15 in Fig. 2, and then reversing the plates 9 and 16 so that their flat surfaces 11 and 18 respectively face inwards towards each other as shown in Fig. 3. By replacing the bolt 15, the comb 1 and blade 19 are then secured in a flat plane and may be used for efficiently cutting the hair on the sides of the head.

Should it be desired to vary the amount of hair cut from the sides of the head, this may simply be carried out by loosening the bolt 15 and turning the blade 19 so that the cutting edge lies at a slight angle to the serrated edge 5 as shown in Figs. 4 and 5; the arrangement shown in Fig. 4 being that normally used to achieve a graduated cut above the right ear, that shown in Fig. 5 being suitable for cutting the hair above the left ear. As will be readily understood, the shape of the comb and plates and the materials from which they are constructed may be varied as desired, and the method employed to secure one plate to the other may be changed without departing from the nature of the invention. Likewise, the studs 12 and 13 may be permanently positioned in the plate 16 instead of in the plate 9 and the position of the bolt 15 may be reversed, the method described being merely by way of example.

I claim:

A haircutting device comprising in combination, a flexible, toothed comb having three slots disposed substantially parallel to one another, and at right angles to the toothed edge, and so spaced one from the other as to register with the apertures of a safety razor blade; a lower plate having one concave face and one flat face and provided with two studs and a hole, said studs protruding beyond the surface of said concave and said flat faces, said studs and said hole being so spaced one from the other as to register with outermost apertures of said razor blade and outermost slots of said comb and an intermediate aperture of said razor blade and the center slot of said comb respectively; an upper plate having one convex face and one flat face and provided with a threaded hole located between two plain holes, said plain holes and said threaded hole being so spaced one from the other as to register with said studs of said lower plate, and said center slot of said comb, said intermediate aperture of said razor blade, and said hole of said lower plate respectively; a threaded bolt adapted to pass through said hole of said lower plate, said intermediate aperture of said razor blade, said center slot of said comb, and to engage with said threaded hole of said upper plate, thus drawing together said lower and said upper plate, said lower plate and said upper plate disposing said comb and said razor blade in a flat plane should said flat faces of said lower plate and said upper plate be face to face, otherwise said lower plate and said upper plate impart a curvature to said comb and said razor blade should said concave face and said convex face of said lower plate and said upper plate respectively be disposed face to face and drawn together by the action of said bolt in said threaded hole of said upper plate.

No references cited.