Jan. 24, 1956 V. GRAZIANI 2,731,716

HAIRCUTTING DEVICE

Filed May 19, 1953

2 Sheets-Sheet 1

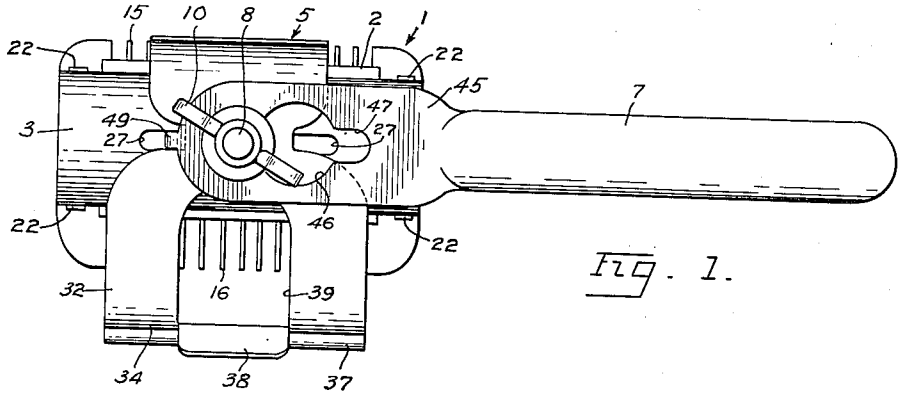



Fig. 1.

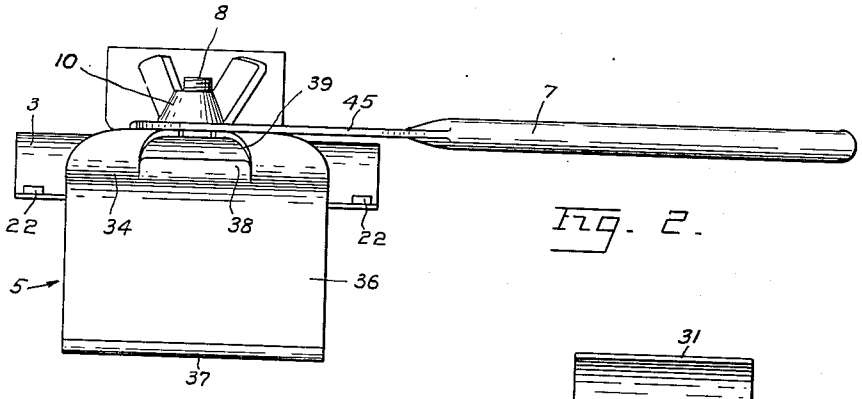



Fig. 2.

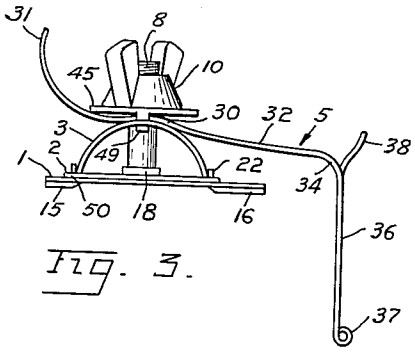



Fig. 3.

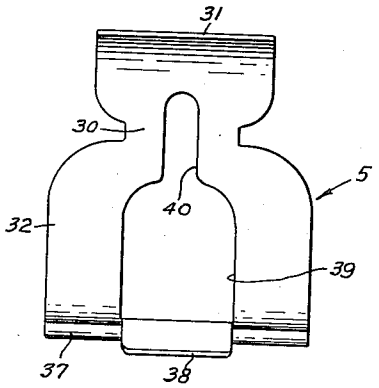



Fig. 3-A.

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2 Sheets-Sheet 2

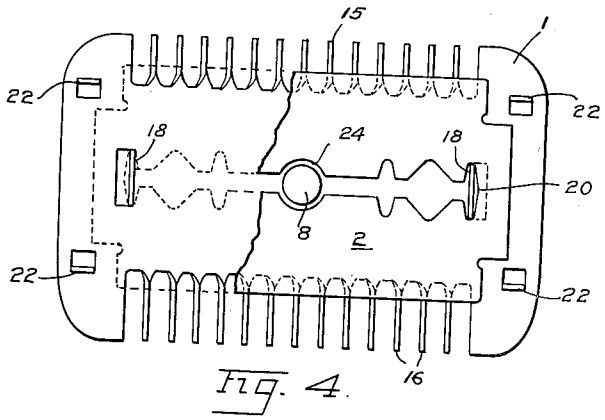



Fig. 4.

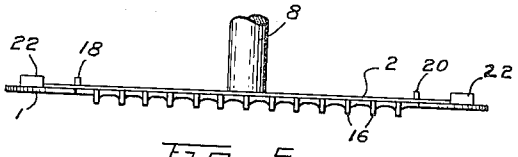



Fig. 5.

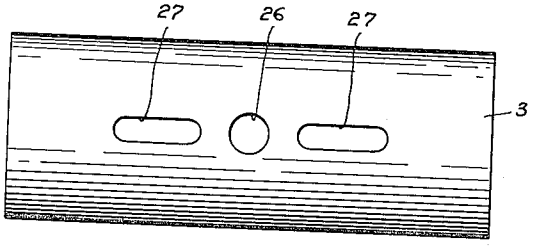



Fig. 6.




Fig. 7.

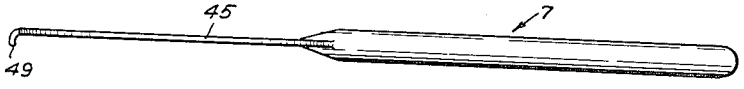



Fig. 8.

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# HAIRCUTTING DEVICE

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Application May 19, 1953, Serial No. 355,977

3 Claims. (Cl. 30—30)

This invention relates to a hair cutting device.

The primary object of this invention is to provide a hair cutting device which includes means for holding said device at a certain angle to the surface of the head during hair cutting.

Another object of this invention is to provide a hair cutting device which permits cutting hair at a certain angle to the surface of the head at a different length.

Other objects and advantages will appear as the specification proceeds and the novel features of the device will be particularly pointed out in the claims hereto annexed.

In this specification and the annexed drawing, the invention is illustrated in the form considered to be the best but it is understood, that the invention is not limited to such form; and it is also to be understood that in and by the claims following the description, it is desired to cover the invention in whatsoever form it may be embodied.

This invention is illustrated by accompanying drawings in which:

Fig. 1 is a plan view of the hair cutting device.
Fig. 2 is a side view of the hair cutting device.
Fig. 3 is a front view of the hair cutting device.
Fig. 3–A is a top view of the plate.
Fig. 4 is a plan view of a guard and blade, the latter being shown partially in dotted line.
Fig. 5 is a side view of Fig. 4.
Fig. 6 is a plan view of the clamping member.
Fig. 7 is a front view of Fig. 6, and
Fig. 8 is a side view of the handle.

In detail, my hair cutting device consists of a guard **1** on which a razor blade **2** rests. The guard **1** and the blade **2** are securely held together by a clamping member or a clamp **3**. Means are also provided for holding said blade at a certain angle during hair cutting in the form of a plate **5** placed on the top of the clamp **3**. A handle **7** may be secured to the device by placing the same on the top of the plate **5**, if so desired, for the purpose of convenience in handling the device. The whole assembly is held securely in place by a bolt **8** extending from the guard **1** through said blade, clamp, plate and handle and by a wing nut **10** screwed on the top of said bolt.

The guard **1** is formed with two rows of teeth **15** and **16** of which the latter are longer than the first. The teeth **15** and **16** are formed from the guard **1** preferably by twisting each strip 90° at its base. The upper surface of each tooth is even with the upper surface of the guard as best shown in Fig. 3 so that the blade rests on the body of the guard and on its teeth. The guard **1** is also provided with a pair of lugs **18** struck out from said guard which lugs determine the position of the razor blade **2** on said guard by entering end openings **20** therein. Lugs **22** are also provided on said guard which determine the position of the clamp **3** and prevent the displacement thereof. The bolt **8** is secured to the middle of said guard and extends vertically therefrom through a central hole **24** in the blade **2**. The razor blade **2** may be of any standard make and size and has a usual outline as shown in Fig. 4.



The clamp **3** is substantially semi-circular in cross-section and has a round circular opening **26**, through which the bolt **8** passes, and a pair of elongated openings **27**, the purpose of which shall be stated hereinafter. The clamp **3** bears on the blade **2** and holds it securely on the guard **1**.

The plate **5** is preferably made of sheet metal and consists of a central piece or section **30** slightly curved to fit the curvature of the clamp **3** upon which it rests. A thumb piece **31** is formed from said plate **3** by curving one end thereof upwardly. An intermediate section **32** adjoins the central section **30** on its other side. The outer end of the intermediate section is bent downwardly as shown at **34**, to form a finger piece **36**. The latter is ended with a rolled edge **37**. A lip **38** is struck from the bend **34** which lip and the rolled edge **37** help an operator to maintain two of his fingers on said finger piece **36** during hair cutting operation, while his thumb rests on the thumb piece **31**.

The plate **5** is formed with a large opening **39** through which the wing nut **10** easily passes. The opening **39** extends from the bend **34** to the central section **30** and terminates with a longitudinal slot **40** in the section **30** through which slot the bolt **8** passes.

The wing nut **10** may be placed directly on the central section **30** of the plate **5** in which case the handle **7** is eliminated. The nut **10** holds the guard **1**, the blade **2**, the clamp **3** and the plate **5** securely together.

If desired, the handle **7** is attached to the hair cutting device for convenience of operating the same. The handle **7** includes a portion **45** which is placed over the plate **5**. The portion **45** is provided with a large central opening **46** and two opposite slots **47**, through which the wing nut **10** passes. The handle is moved so that the bolt **8** passes through the slot **47** near the end thereof. The free end of the portion **45** is formed with a downwardly directed tongue **49** which enters one of the slots **27** in the clamp **3**, thus preventing said handle from turning about the bolt **8**.

During a cutting operation, the rolled edge **37** is placed on the head and the cutting edge **50** of the razor blade is thus given a definite angle at which it meets hair. If desired, the rolled edge **37** may be kept a desired distance away from the head while the teeth **15** touch the head and the device is moved to cut hair. The teeth **16** give a greater spacing between the head and the blade and, hence, leave longer hair on the head.

I claim:

1. A hair cutting device comprising a razor blade, a guard upon which said razor blade is mounted, a clamp over said blade for holding the latter on said guard, a plate over said clamp for holding said guard and blade at a certain angle during hair cutting operation, said plate consisting of a central section lying over said clamp, a thumb piece curved upwardly and connected with the central section on one side thereof, an intermediate section connected to the central section on the other side thereof, and a finger piece connected to the intermediate section and extending downwardly, said blade being at a certain angle to the plane connecting the outer tip of the finger piece and the active cutting edge of said blade, and means for holding said guard, blade, clamp and plate together.

2. A hair cutting device comprising a razor blade, a guard upon which said blade is mounted, a clamping member resting on said blade for holding said blade on said guard in certain position, a plate resting on said clamping member for holding said blade at a certain angle to the surface of the head during hair cutting, said plate including a thumb piece located above the horizontal plane of the blade and on one side of the longitudinal vertical plane passing through the middle of said blade,

and a finger piece located below said horizontal plane and on the other side of said vertical plane, and means for holding said guard, blade, clamping member and plate together.

3. A hair cutting device comprising a guard having a plurality of teeth formed thereon, a razor blade on said guard, a clamping member resting on said blade for holding the latter on the guard, a plate over said clamping member for holding said device at a certain angle to the surface of the head during hair cutting operation, said plate consisting of a thumb piece extending from the clamping member upwardly and on one side thereof, and of a finger piece extending generally downwardly from said clamping member and on the other side thereof, and means for holding said guard, blade, clamping member and plate together.




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