H. T. COPUS.

HAIR CUTTING DEVICE.

APPLICATION FILED JAN. 2, 1919.

1,311,438.

Patented July 29, 1919.

Fig. 3.

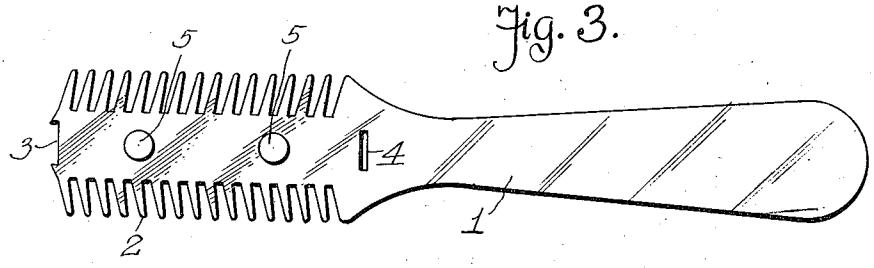


Fig. 1.

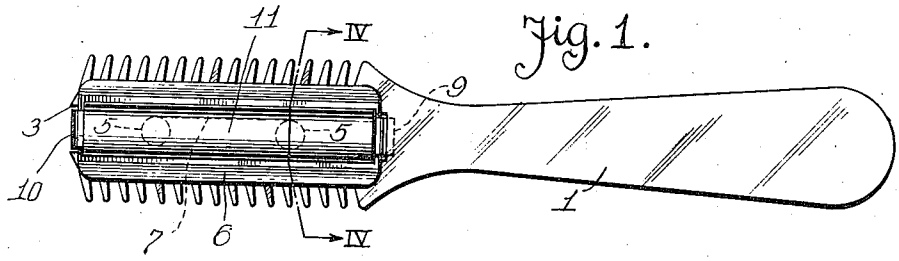


Fig. 2.

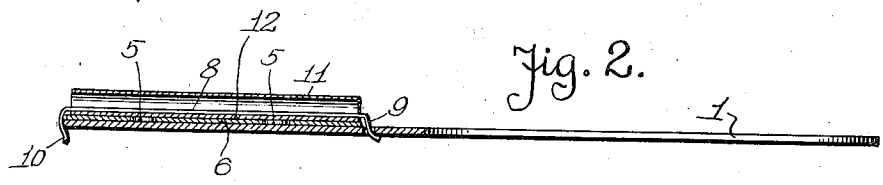


Fig. 4.

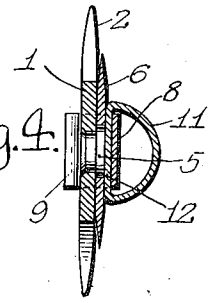
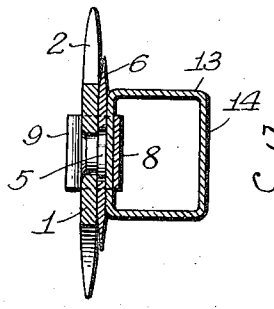


Fig. 5.



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UNITED STATES PATENT OFFICE.

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HAIR-CUTTING DEVICE.

1,311,438. Specification of Letters Patent. Patented July 29, 1919.

Application filed January 2, 1919. Serial No. 269,216.

To all whom it may concern:

Be it known that I, HENRY T. COPUS, a citizen of the United States of America, residing at Detroit, in the county of Wayne and State of Michigan, have invented certain new and useful Improvements in Hair-Cutting Devices, of which the following is a specification, reference being had therein to the accompanying drawings.

By providing a comb with an ordinary safety razor blade I obtain a hair cutting device and my invention particularly resides in the novel means employed for attaching the razor blade to the comb and the novel means employed for maintaining the comb and blade at a desired angle relative to the scalp or surface over which the comb is moved.

My invention also resides in the compactness and simplicity of construction entering into the hair cutting device, and these and other advantages will be apparent as the invention is better understood.

Referring to the drawings,

Figure 1 is a plan of the hair cutting device;

Fig. 2 is a cross sectional view of the same;

Fig. 3 is a plan of the comb devoid of attachment;

Fig. 4 is an enlarged cross sectional view taken on the line IV—IV of Fig. 1; and

Fig. 5 is a similar view showing a modified form of angle defining member.

The comb which I prefer to use may be made of light and durable material, as aluminum and comprises a handle 1 having the outer end thereof provided at its side edges with tapering tines or teeth 2, said tines being disposed in a horizontal plane and at a slight angle to the longitudinal axis of the handle. Besides these tines serving the usual purpose in connection with the comb, said tines serve as blade guards, as will hereinafter appear.

The extreme outer end of the handle 1 is provided with a notch 3 and at the inner end of the rows of tines 2 is a slot 4. Between the slot 4 and the notch 3, on one side of the handle, are studs 5, preferably formed integral with the handle.

The reference numeral 6 denotes a conventional form of double edge safety razor blade having an oblong opening or slot 6 and this blade is adapted to be placed on the outer end or head of the handle 1, over the studs 5, with the studs engaging the end walls of the slot 7 so as to hold the cutting edges of the blade in parallelism with the axis of the device, thus allowing the tines 2 to serve as guards for the cutting edges, as best shown in Figs. 1 and 4.

8 denotes a metallic strap adapted to be placed on the blade and longitudinally thereof, said strap having its inner end somewhat hook shaped, as at 9 to engage in the transverse slot 4 of the device. The hook shaped end of the strap 8 extends through the slot 4 and engages in the face of the handle 1, and the opposite end of the strap 8 is shaped to form a catch as at 10, adapted to engage in the notch 3 and frictionally hold the strap 8 in engagement with the blade 6 and said blade firmly on the outer end or head of the handle 1. The studs 5 are just of sufficient depth to engage in the slot 7 without interfering with the strap 8 on said blade, and with the blade so held it permits of the device being used as a safety razor. It may be also used for cutting the hair on the scalp or head and as such it is provided with an angle defining member 11, which permits of the device being held at a proper angle or inclination to the scalp as the device is moved through the hair of the head. The angle defining member 11 is hollow and semi-cylindrical with its flat wall 12 held against the blade 6 and with the strap extending through said member, as shown in Fig. 4. The convex wall of the member 11 when resting on the scalp will position the hair cutting device at a proper angle for cutting the hair.

In order that the angularity of the hair cutting device relative to a scalp may be changed or varied, another form of angle defining member is shown in Fig. 5 and designated 13, this member being substantially rectangular in cross section so that in one position under the strap 8 it presents an outer wall 14 a less distance from the device than if the device was turned a quarter of a revolution and held thereby, the difference in distance between opposed walls of the member 13 permitting of two different angles being obtained for the device when manipulated on the head.

What I claim is:—

1. The combination of a comb, a blade thereon, said comb having a transverse slot at its inner end and a notch at its outer end, and a detachable metallic strap on said blade having one end shaped to frictionally en-

gage in the comb slot and its opposite end shaped to snap in the notch of said comb, its ends to retain said blade in engagement therewith.

2. A hair cutting device comprising a comb, a blade thereon, a strap longitudinally of said blade and retaining said blade in engagement with said comb, and an angle defining member held on said blade by said strap extending through said member.

3. A hair cutting device comprising a comb having studs, a razor blade fitted on said studs against said comb, a detachable metallic strap disposed longitudinally of said blade and having one end thereof hook-shaped to engage in said comb, and the opposite end thereof shaped to provide a catch to engage said comb and hold said strap in engagement therewith, and a hollow angle defining member held in engagement with said device by said strap extending through said member.

In witness whereof I attach my signature in the presence of two witnesses.

HENRY T. COPUS.

Witnesses:

KARL H. BUTLER,

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