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CURVED BLADE BARBER CLIPPERS
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This invention relates to barbers' clippers and more particularly to barbers' clippers having curved upper and lower cutting blades.

An object of this invention is to provide barber clippers with a curved upper and lower blade so that the clipper may be tilted in the cutting operation for tapering the cutting line of the hair and so as to facilitate the subsequent trimming of the hair with the shears.

Another object of this invention is to provide a lower blade having a curved nose or forward end, the forward end being extended upwardly a slight degree so as to provide a comb structure whereby the hair may be led to the cutting teeth instead of being bent downwardly as is the case with most clippers as present available.

A further object of this invention is to provide a hair clipper which is so constructed that in the cutting operation of the hair about the neck of the individual, the handles of the clipper will not strike the shoulders or the neck of the individual.

A still further object of this invention is to provide a clipper which is so constructed that it may be readily used in the cutting of the hair so as not to leave a sharp line where the cutting operation has left off and so that it will not be necessary to use several clippers for cutting the hair real close to the neck as is the case with the clippers at present available where one style of clippers is only adapted for use in cutting hair of one length, and where it is desired to trim the hair shorter it is necessary to use another pair of clippers which is especially designed for close cutting.

The above and various other objects and advantages of this invention will in part be described in and in part be understood from the following detailed description of the present preferred embodiment, the same being illustrated in the accompanying drawing wherein:

Figure 1 is a detail top plan view of a lower blade, the same being constructed according to the preferred embodiment of this invention;

Figure 2 is a sectional view taken on the line 2—2 of Figure 1 and showing the upper blade in section positioned on the lower blade; and

Figure 3 is a detail front elevation of the lower blade.

Referring to the drawing wherein like numerals of reference designate corresponding parts throughout the several views, the numeral 10 designates generally a pair of handles which are attached to a clipper structure 11, the handles 10 and the clipper mechanism 11 being of conventional construction. A lower blade generally designated as 12 is secured to one of the handles 10 and is held in position by a thumb nut 13 or the like.

The lower blade 12 is provided with the conventional ribbed lower surface 14 and the lower blade 11 is also provided along the opposite edge portions thereof with elongated guard portions 15 which extend forwardly of the body of the blade and are curved upwardly. The lower blade 12 is also curved upwardly as at 16 at the forward end thereof and a plurality of upwardly extending curved teeth 17 are secured to the blade structure 12. The body of the blade 12 is preferably substantially flat as at 18 and at a point spaced rearwardly from the forward end thereof the blade 12 curves upwardly as at 16, the curvature being gradual so that the blade 12 may be rocked by the handles 10 so as to produce a tapering cutting line of the hair.

The blade 12 is also provided with a plurality of spaced forwardly extending teeth 19 which are curved upwardly and alternate members of the teeth 19 are extended forwardly and upwardly as at 20 so as to provide a substantial comb like structure whereby the hair may be led toward the cutting teeth 19. The teeth 19 are provided with keen edges on the opposite sides thereof, the upper surface of the teeth being ground, honed or the like so as to provide keen edges on the opposite sides thereof.

The inner face portions of the comb portions 20 are preferably offset forwardly from the teeth 19 so that the curved teeth 21 of the movable blade will not contact with the
comb member 20. The movable blade 22 is provided with a substantially flat body portion 23 which is adapted to slidably engage the complementary flat surface 24 of the lower blade 12 and the forward end of the movable blade 22 terminates in a plurality of upwardly curved and forwardly extending teeth 21 which register with the teeth 19 on the lower blade.

The upper blade 22 is adapted to have oscillatory movement on the upper surface of the lower blade, the oscillatory movement being accomplished by pressing the handle members 10 together in the conventional manner.

The elongated teeth 17 of the lower blade 12 are provided with cutting portions for as much of the lower teeth as engage the upper teeth and the comb portions 20 extend upwardly from the cutting portion of the lower teeth. In like manner, the teeth 19 do the cutting for the entire length thereof, the length of the teeth 19 being substantially equal to the length of the cutting portion of the teeth 17.

In the operation of this device, the lower blade 12 is preferably stationary as is conventional in structures of this kind and the upper blade is adapted to be oscillated by pressing the handle members 10 together.

When the clipper is used in clipping the hair on the neck of an individual, the cutting operation may be started by holding the handle members 10 away from the body of the individual so that the curved portion 17 of the lower blade will slidably engage the neck whereupon the clipper may be moved upwardly and as the blade 12 moves upwardly, the handles may be swung toward the individual so as to swing the curved portion 17 away from the neck and when this is done the hair will be cut in a tapering line.

During the movement of the clippers upwardly, the comb portions 20 of the lower blade will lead the hair toward the cutting teeth 19 so that none of the strands of hair will be bent or folded beneath the lower blade.

It will be obvious from the foregoing that the upper and lower clipper blades herein disclosed may be used in any conventional type of clipper structure and that their use will render it unnecessary to keep on hand a number of clippers of various sizes so as to cut the hair in different lengths as is the case with the clippers at present available.

It will, of course, be understood that various changes and modifications may be made in the details of construction and design of the specifically described embodiment of this invention without departing from the spirit thereof, such changes and modifications being restricted only by the scope of the following claims.

What is claimed is:

1. In combination with a clipper, an upper and a lower blade having upwardly curved cutting teeth, said lower blade having forwardly extending upwardly curved comb portions integrally formed with the cutting teeth of said lower blade whereby to lead the hair toward the cutting teeth.

2. In combination with a clipper structure, an upper and a lower blade, said lower blade having an upwardly curved cutting edge portion and a plurality of upwardly curved and forwardly extending comb teeth integrally formed with certain of said portions, said comb teeth being offset forwardly from the cutting edge of the lower blade, said upper blade having curved teeth registering with the teeth of said lower blade.

3. In combination with a hair clipper, a lower blade having a substantially flat body portion, a plurality of forwardly extending upwardly curved teeth secured to said body section, a plurality of comb teeth integrally formed with alternate members of said lower teeth and forwardly offset therefrom, and an upper blade slidably engaging said lower blade, said upper blade having upwardly curved forward teeth adapted for slidable engagement with the curved teeth of said lower blade, said comb teeth being adapted to lead the hair toward said cutting teeth on said upper and said lower blades.

In testimony whereof I hereunto affix my signature.

ALBERT T. SCHEIWER.