

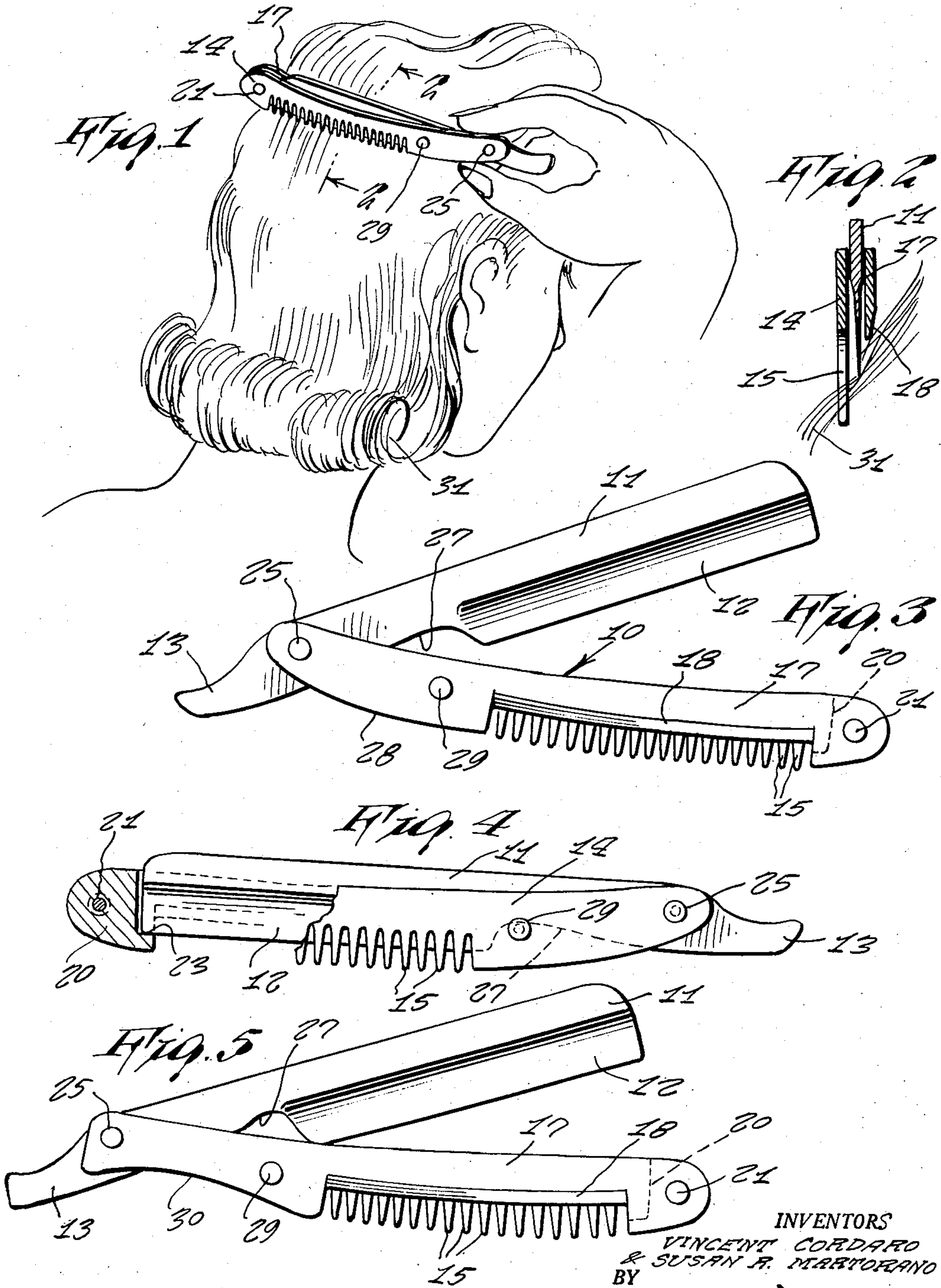
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HAIR CUTTING SHAPER

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2,849,793

HAIR CUTTING SHAPER

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1 Claim. (Cl. 30—30)

This invention relates to hair grooming apparatus and, more particularly, to apparatus adapted for use in the styling of ladies' hair.

Ordinarily, during the styling or setting of women's hair, it is necessary to do such things as shape, cut, thin, or taper the hair. Whenever it is necessary to resort to separate instruments or devices for performing each or any of these operations, it is somewhat time consuming and inefficient. An object of this invention, therefore, is to provide apparatus for performing a plurality of operations on hair that is simple in construction, efficient in operation, and sanitary in use.

Another object of this invention is to provide hair styling apparatus that is manually adjustable, readily disassembled, and efficient for the purposes described.

All of the foregoing and still further objects and advantages of this invention will become apparent from a study of the following specification, taken in connection with the accompanying drawing, wherein:

Figure 1 is a perspective view of a device made in accordance with one form of this invention, in operative association with the hair of a woman;

Figure 2 is a cross-sectional view taken along line 2—2 of Figure 1;

Figure 3 is a side view of the device shown in Figure 1;

Figure 4 is a rear side view of the device shown in Figure 1; and

Figure 5 is a view similar to Figure 3 but showing a modified form of the invention.

Referring now to Figure 1 of the drawing, a device made in accordance with one form of this invention is shown in operative association with hair in a trimming position. As more clearly shown in Figure 3, the shaper is shown to have a blade with a razor edge 12 disposed along the lower portion thereof and the entire blade 11 is adapted to be carried by a comb and guide assembly. The comb and guide assembly includes a front comb wall 14 that is provided with a plurality of teeth 15 which depend downwardly therefrom. Disposed behind the comb wall 14 is a guide wall 17 that has a tapered edge 18 extending downwardly therefrom but above the lower extremities of the teeth of the front comb wall. A spacer element 20 is disposed between the front comb wall and rear guide wall adapted to be secured thereto by means of an assembly pin 21. This spacer element is provided with a shoulder 23 that is adapted to arrest the downward movement of the blade 11 which is assembled within the space defined by the comb wall and guide wall by means of a removable assembly pin 25. The pin 25 is removable so that each of the parts may be separated to be substituted, washed, or sterilized. As more clearly shown in Figure 3, the rear portion of the blade 11 is provided with a re-entrant portion 27 that is adapted to engage a blade arresting pin 29 extending between the respective comb wall and guide wall, which then cooperates with the shoulder 23 to prevent continued downward movement of the blade. The rear portion of the assembled shaper is provided with a hand grip portion adjacent to the rearwardly extending tail 13 of the razor

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blade that includes a convex surface 28 which is adapted to be engaged by the thumb of the operator as shown in Figure 1. As shown in Figure 5, the modified form of this invention contemplates the use of a concave surface 30 adjacent the hand grip portion of the shaper which is adapted to be similarly engaged by the thumb of the operator. The respective convex and concave shapes of the hand grip or handle portion of the shaper provide substantial control of the shaper by the operator as it is used for various grooming operations.

In all forms of this invention, the blade 11 may be manufactured of steel such as a stainless steel, and the comb and guide wall portions may be constructed of plastic, bone, or other suitable material such that each of the parts or the entire shaper may be sterilized or cleaned without damage thereto. It will be noted that as the shaper is moved over the hair, the guide wall 17 and tapered edge 18 limit the amount of hair permitted to be engaged by the razor edge so that by increasing downward pressure on the shaper or tilting it, various grooming operations can be effected. In all cases, however, the blade 11 is prevented from being put into direct engagement with the hair 31 or head.

While this invention has been described with particular reference to the specific form shown in the drawing, it is to be understood that such is not to be construed as imparting limitations upon the invention, which is best defined by the claim appended hereto.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

A hair cutting shaper including the combination of a comb assembly consisting of a substantially flat forward longitudinal comb wall and a parallel longitudinal and substantially flat rear guide wall rigidly associated together in spaced apart relation except at the outer end, a blade member having a cutting edge portion and a shank pivotally connected to and partially enclosed by the other or inner end of said comb assembly, the comb wall comprising a series of depending teeth extending in a direction perpendicular to the longitudinal axis of said comb wall while said guide wall comprises a curved and transversely tapered portion disposed rearwardly of said shank portion of said blade member and above the edge portion thereof, an insert comprising a blade arresting shoulder disposed at one end of said comb assembly between the forward and rearward walls for supporting the outer end of the edge portion of said blade member, a stop pin extending transversely between the forward and rearward walls intermediate the ends of said walls for engaging with and limiting downward or closing movement of the shank of said blade member, the inner facing sides of the comb wall and the guide wall being substantially parallel and the cutting edge portion of the blade member being disposed midway therebetween in spaced relation thereto, a removable pivot pin disposed at said other or inner end of said comb assembly, pivotally securing the shank of said blade member to said comb wall and rear guide wall for relative pivotal movement therebetween, and a hand grip portion upon the comb assembly adjacent to the pivot mounting supporting the blade member, said hand grip portion having a lower curved surface portion for engagement by the thumb of an operator.

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UNITED STATES PATENT OFFICE
CERTIFICATE OF CORRECTION

Patent No. 2,849,793

September 2, 1958

Vincent Cordaro et al.

It is hereby certified that error appears in the above numbered patent requiring correction and that the said Letters Patent should read as corrected below.

In the grant, lines 1, and 12, and in the heading to the printed specification, line 3, name of co-inventor, for "Susan R. Matorano, in each occurrence, read -- Susan R. Martorano --.

Signed and sealed this 18th day of November 1958.

(SEAL)

Attest:

KARL H. AXLINE

Attesting Officer

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Commissioner of Patents