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(54) **HAIR VOLUMIZING ACCESSORY**

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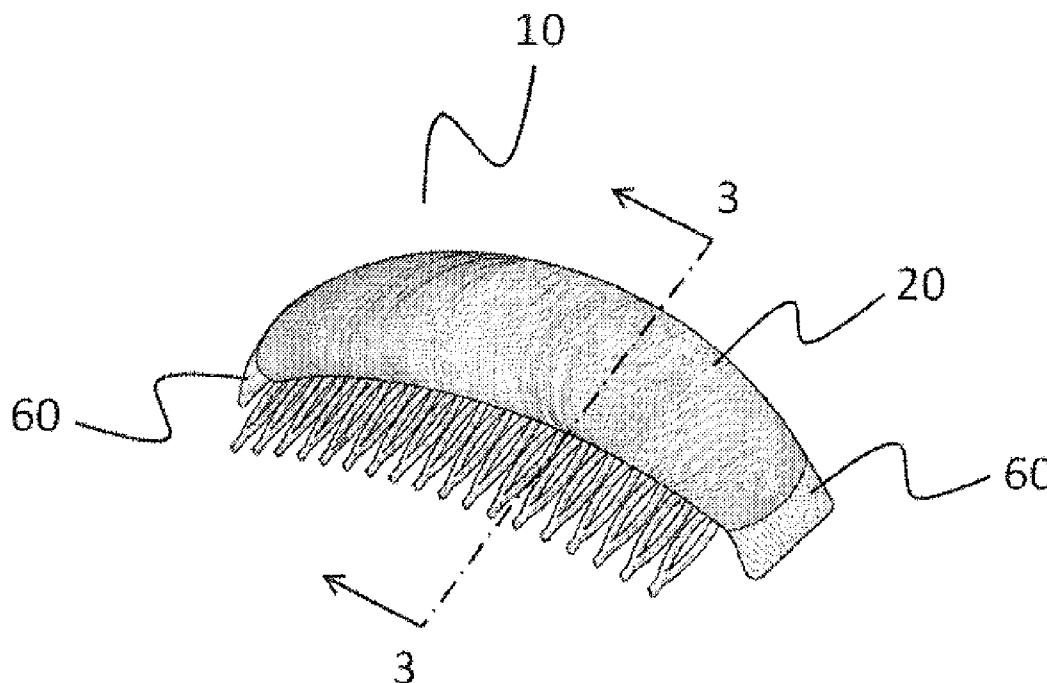
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(57) **ABSTRACT**

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This invention relates to easy-to-use imperceptible hair volumizing accessory to increase hair volume. A hair volumizing accessory for increasing hair volume comprises: a hair roll comprising a tube, a hollow therein, and two openings on both ends thereof to be closed or enclosed; a filler for filling the hollow of the hair roll; a hair comb configured to be curved for fitting to the contour of a head of a wearer and attached to the hair roll by attachment means; and two end caps for enclosing the two openings of the hair roll. The advantages of the present invention are: (1) the hair volumizing accessory is easy-to-use and imperceptible; and (2) the hair volumizing accessory can be manufactured in various sizes and colors for serving the wearer's needs.

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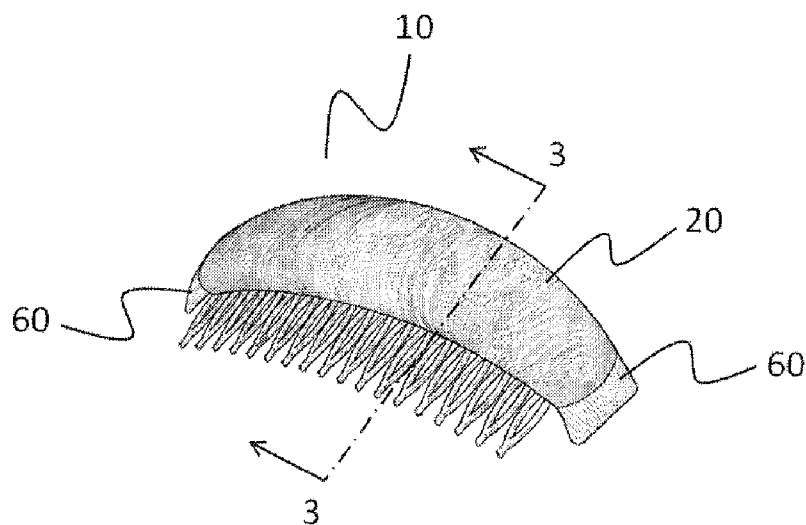


FIG. 1

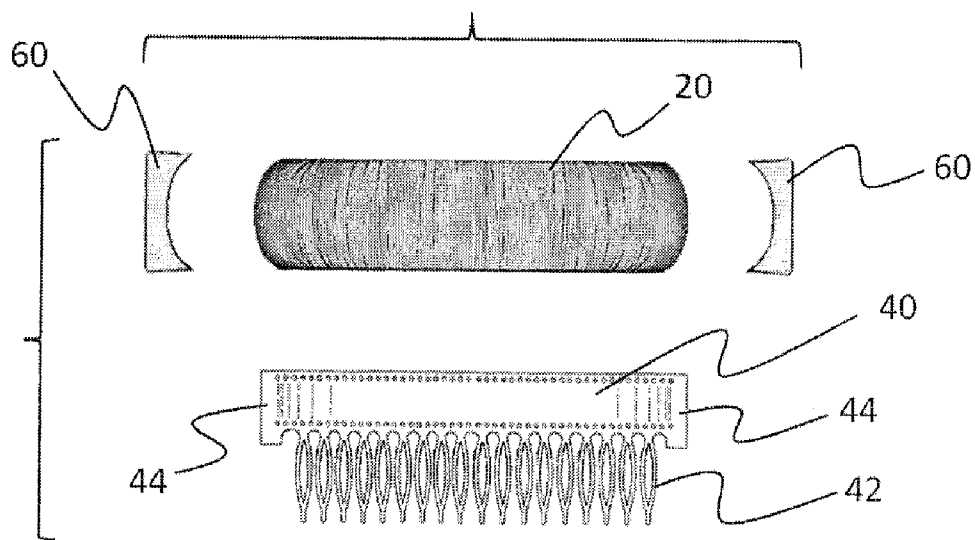


FIG. 2

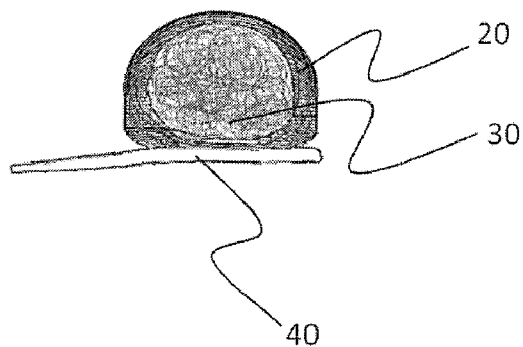


FIG. 3

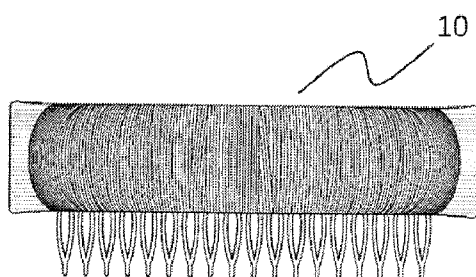


FIG. 4 (A)

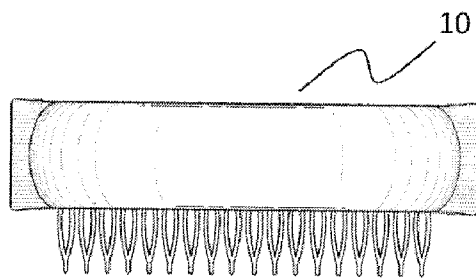


FIG. 4 (B)

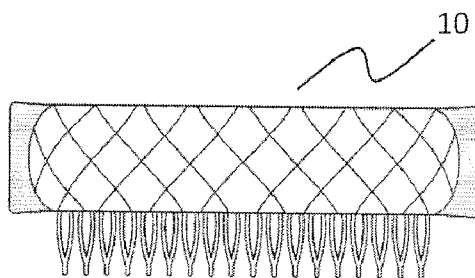


FIG. 4 (C)

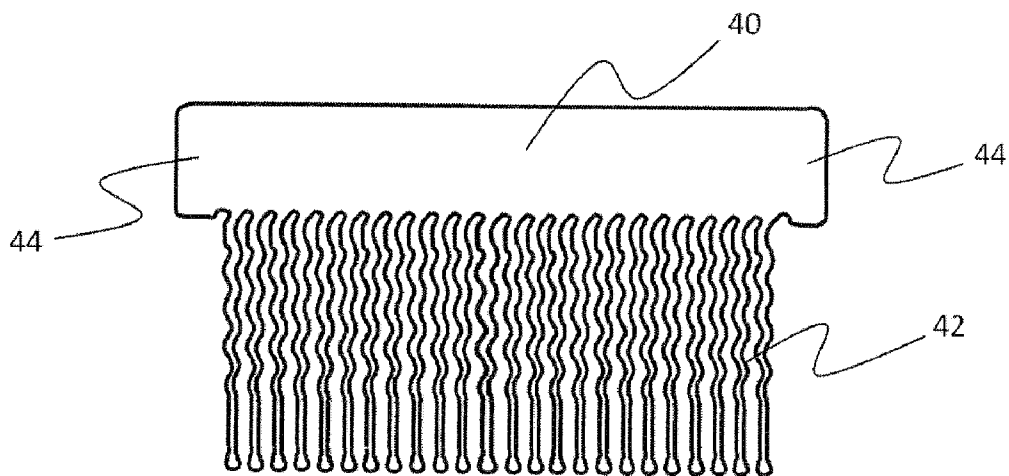


FIG. 5

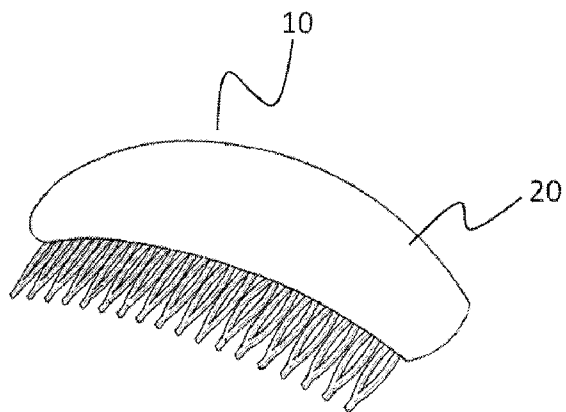


FIG. 6

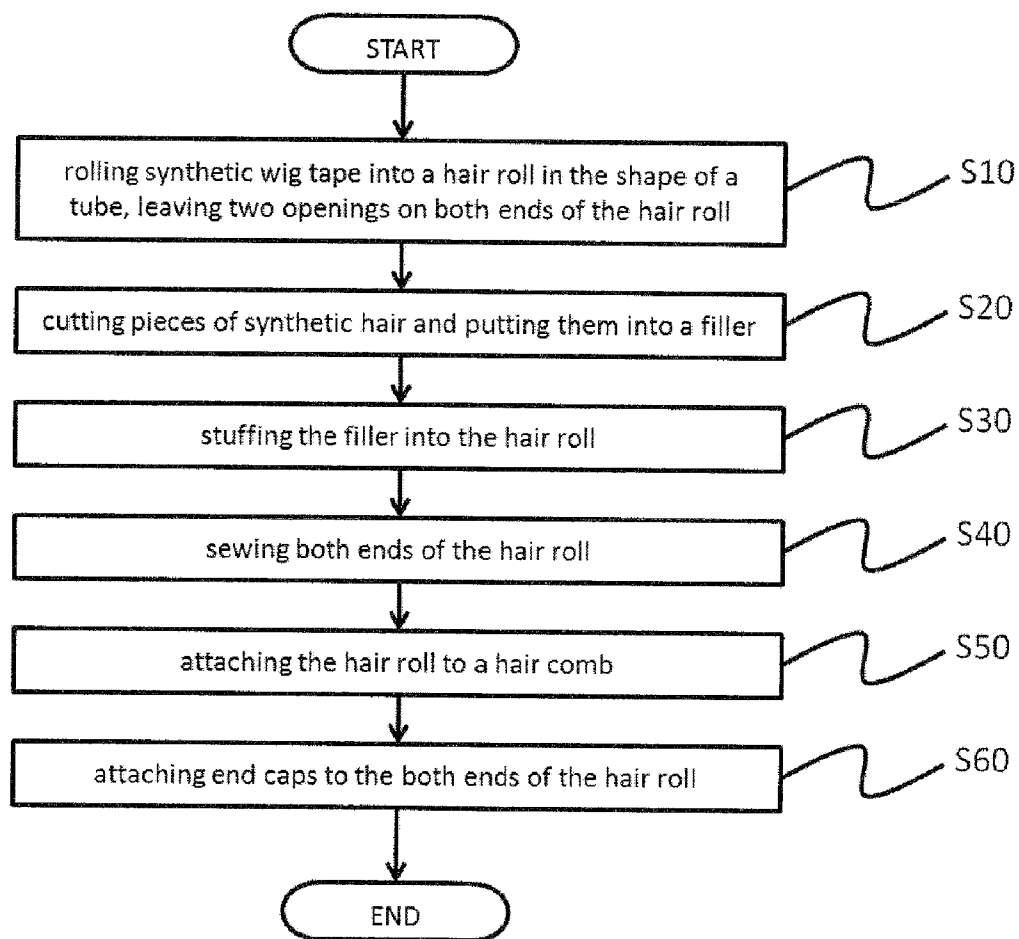


FIG. 7

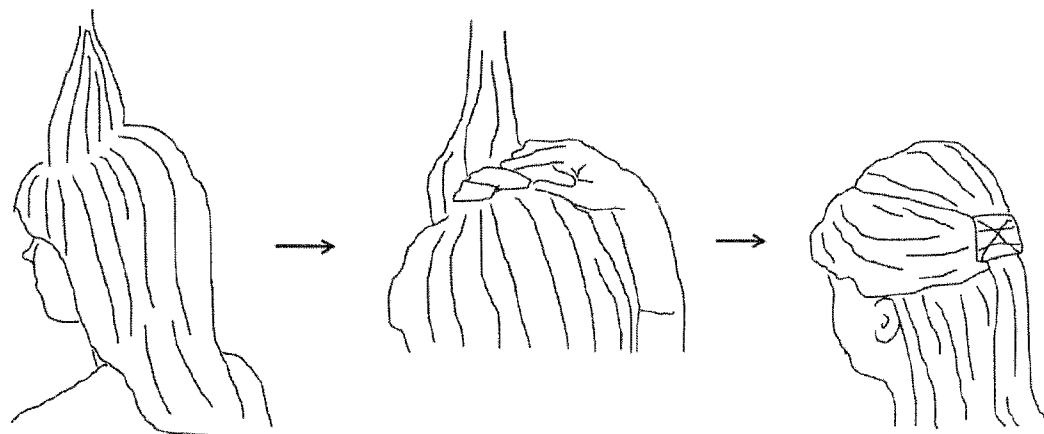


FIG. 8 (A)

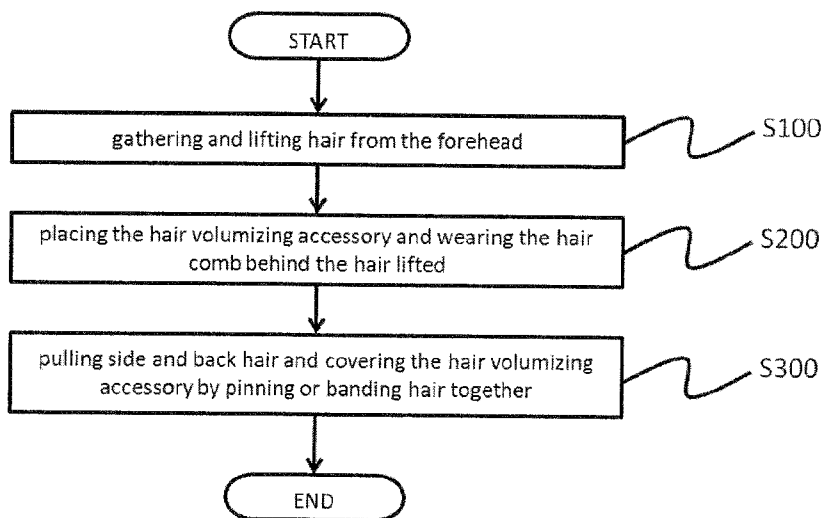


FIG. 8 (B)

HAIR VOLUMIZING ACCESSORY

BACKGROUND OF THE INVENTION

[0001] The present invention relates to a hair volumizing accessory. More particularly, this invention relates to a hair volumizing accessory for increasing hair volume comprising a hair roll, filler for filling the hollow of the hair roll, hair comb attached to the hair roll, and two end caps for enclosing both ends of the hair roll.

[0002] Methods and products to create more hair volume have been developed. Such conventional products involve vent or round brush, volumizing shampoo and conditioner, blow dryer, volumizing mousse or styling cream, hair pomade or styling wax, etc. Using these products, however, may result in decreased hair volume as time goes by, or there may be side effect by applying products directly to the hair.

[0003] Alternatively, accessories being inserted between hairs for more volume have been suggested. These accessories are generally made of plastic and have attachment means to hold hair. But, these accessories are hard to use without the wearer's skills and part of them may be seen between hairs.

[0004] Accordingly, a need for an easy-to-use imperceptible hair volumizing accessory for increasing hair volume has been present for a long time considering the expansive demands in the everyday life. This invention is directed to solve these problems and satisfy the long-felt need.

SUMMARY OF THE INVENTION

[0005] The present invention contrives to solve the disadvantages of the prior art.

[0006] An object of the invention is to provide a hair volumizing accessory for increasing hair volume.

[0007] Another object of the invention is to provide a hair volumizing accessory for increasing hair volume, which is easy-to-use and imperceptible.

[0008] Still another object of the invention is to provide a hair volumizing accessory for increasing hair volume, which can be manufactured in various sizes and colors for various intended hair volumes and the wearer's hair colors.

[0009] An aspect of the invention provides a hair volumizing accessory for increasing hair volume comprising: a hair roll comprising a tube, a hollow therein and two openings on both ends thereof to be closed or enclosed; a filler for filling the hollow of the hair roll; a hair comb configured to be curved for fitting to the contour of a head of a wearer and attached to the hair roll by attachment means; and two end caps for enclosing the two openings of the hair roll.

[0010] The advantages of the present invention are: (1) the hair volumizing accessory is easy-to-use and imperceptible; and (2) the hair volumizing accessory can be manufactured in various sizes and colors for serving the wearer's needs.

[0011] Although the present invention is briefly summarized, the fuller understanding of the invention can be obtained by the following drawings, detailed description and appended claims.

BRIEF DESCRIPTION OF THE DRAWINGS

[0012] These and other features, aspects and advantages of the present invention will become better understood with reference to the accompanying drawings, wherein:

[0013] FIG. 1 is a perspective view showing a hair volumizing accessory according to an embodiment of the present invention;

[0014] FIG. 2 is an exploded view showing a hair volumizing accessory according to an embodiment of the present invention;

[0015] FIG. 3 is a cross-sectional view taken along 3-3 in FIG. 1;

[0016] FIG. 4(A) is a top plan view of a hair volumizing accessory according to an embodiment of the present invention;

[0017] FIG. 4(B) is a top plan view of a hair volumizing accessory according to another embodiment of the present invention;

[0018] FIG. 4(C) is a top plan view of a hair volumizing accessory according to another embodiment of the present invention;

[0019] FIG. 5 is a top plan view showing an alternative embodiment of a hair comb of the present invention;

[0020] FIG. 6 is a perspective view showing a hair volumizing accessory according to an alternative embodiment of the present invention;

[0021] FIG. 7 is a flow chart showing the steps for a method for manufacturing the hair volumizing accessory; and

[0022] FIG. 8(A) is a schematic view showing the steps for a method for using the hair volumizing accessory.

[0023] FIG. 8(B) is a flow chart showing the steps for a method for using the hair volumizing accessory.

DETAILED DESCRIPTION EMBODIMENTS OF THE INVENTION

[0024] FIGS. 1-3, 4(A), 7 and 8 show a hair volumizing accessory 10 according to an embodiment of the present invention. FIGS. 4(B), 4(C), 5 and 6 show a hair volumizing accessory 10 according to alternative embodiments of the invention.

[0025] FIGS. 1-2 show a hair volumizing accessory 10 for increasing hair volume comprising: a hair roll 20 comprising a tube, a hollow therein, and two openings on both ends thereof to be closed or enclosed; a filler 30 for filling the hollow of the hair roll; a hair comb 40 configured to be curved for fitting to the contour of a head of a wearer and attached to the hair roll 20 by attachment means; and two end caps 60 for enclosing the two openings of the hair roll 20. The hair roll 20 may comprise synthetic wig tape, natural hair, fabric, or flexible soft plastic material. The two openings of the hair roll may be closed by means of sewing before being enclosed by the two end caps 60. One cross-section of the hair roll 20 along the length of the hair roll 20 may be curved for fitting the arcuate contour of the wearer's head and the front cross-section of the hair roll 20 may be oval. In addition, the top plan view of the hair roll 20 may be arcuately curved for better suiting the contour of a wearer's head and creating more hair volume right at the center of wearer's forehead.

[0026] The hair volumizing accessory 10 may be manufactured in different sizes and colors for suiting the wearer's needs. Preferably, large size may have a 4.5 inch width, 2 inch length, and 1.5 inch height. Medium size may have a 4.5 inch width, 2 inch length, and 1.0 inch height. Small size may have a 2 inch width, 2 inch length, and 0.5 inch height. When the color of the hair roll 20 is the same as that of wearer's, the hair volumizing accessory will not be visible when worn. The colors of the hair roll 20 may be black, brown, auburn, warm blond, ash blond, or light blond. Preferably, the colors of end caps 60 and hair comb teeth 42 are similar or same as that of the hair roll 20 and the wearer's hair color.

[0027] FIG. 3 shows a cross-sectional view of a hair volumizing accessory 10 showing the hair roll 20 and filler 30. The filler 30 may comprise rolled hair and the rolled hair may comprise synthetic wig tape or natural hair.

[0028] Alternatively, the filler 30 may comprise an elastic flexible malleable frame whereby the frame resiliently maintains the shape of the hair roll 20. The frame may comprise fabric, soft plastic material, or foam. Closed cell foam may be used for the frame. Closed cell foam is flexible and bendable and thus, enables changing the shape of a hair roll 20. Wearer may want to change the shape of the hair roll 20 according to her needs.

[0029] The length of the hair comb teeth 42 may be curved and the hair comb teeth 42 may be arcuately arrayed for fitting the arcuate contour of the wearer's head. The hair comb teeth 42 may comprise a body in the shape of a long elongated leaf and an end tapered to a relatively narrow blunt point for having an enhanced ability of the teeth to grip the wearer's hair.

[0030] The attachment means 50 for attaching the hair comb 40 to the hair roll 20 may comprise glue or hook-and-loop fasteners.

[0031] The two end caps 60 may enclose both ends 44 of the hair comb 40 as well as the two openings of the hair roll 20. The two end caps 60 may be attached to the hair roll 20 by gluing or sawing. In addition, the two end caps 60 may comprise fabric or plastic.

[0032] The hair roll 20 may comprise fabric or flexible soft plastic material instead of hair. FIGS. 4(B) and 4(C) show alternative embodiments of the present invention. The hair roll 20 of FIG. 4(A) may comprise hair whereas the hair roll 20 of FIGS. 4(B) and 4(C) may comprise fabric or flexible soft plastic material. FIG. 4(C) shows design pattern on the surface of the hair roll 20. This design pattern will make the hair volumizing accessory 10 invisible or imperceptible when the hair volumizing accessory 10 is worn.

[0033] FIG. 5 shows another embodiment of the hair comb 40 for the present invention. The hair comb teeth 42 comprise a plurality of corrugations of alternately concave and convex arcuate contours in the upper portion thereof for facilitating gripping the wearer's hair by the comb and concealing the comb teeth 42 under the wearer's hair.

[0034] FIG. 6 shows alternative embodiment of the present invention. The hair roll 20, filler 30 and two end caps 60 are integrated into one unit 70 comprising fabric, flexible soft plastic material, or foam such as closed cell foam. The integrated unit 70 may comprise design pattern and color on its surface whereby the hair volumizing accessory is not visible when worn.

[0035] FIG. 7 shows a flow chart showing the steps for a method for manufacturing the hair volumizing accessory 10. The manufacturing method comprises steps of rolling synthetic wig tape into a hair roll in the shape of a tube, leaving two openings on both ends of the hair roll S10; cutting pieces of synthetic hair and putting them into a filler S20; stuffing the filler into the hair roll S30; sewing both ends of the hair roll S40; attaching the hair roll to a hair comb S50; and attaching end caps to the both ends of the hair roll S60.

[0036] FIGS. 8(A) and 8(B) respectively show a schematic view and a flow chart showing the steps for a method for using the hair volumizing accessory. The method for using the hair volumizing accessory comprises steps of gathering and lifting hair from the forehead S100; placing the hair volumizing accessory and wearing the hair comb behind the hair lifted

S200; and pulling side and back hair and covering the hair volumizing accessory by pinning or banding hair together S300.

[0037] While the invention has been shown and described with reference to different embodiments thereof, it will be appreciated by those skilled in the art that variations in form, detail, compositions and operation may be made without departing from the spirit and scope of the invention as defined by the accompanying claims.

What is claimed is:

1. A hair volumizing accessory for increasing hair volume comprising:
 - a hair roll comprising a tube, a hollow therein and two openings on both ends thereof to be closed or enclosed; a filler for filling the hollow of the hair roll;
 - a hair comb configured to be curved for fitting to the contour of a head of a wearer and attached to the hair roll by attachment means; and
 - two end caps for enclosing the two openings of the hair roll.
2. The hair volumizing accessory of claim 1, wherein the hair roll comprises synthetic wig tape, natural hair, fabric, or flexible soft plastic material.
3. The hair volumizing accessory of claim 1, wherein the two openings of the hair roll is closed by means of sewing.
4. The hair volumizing accessory of claim 1, wherein one cross-section of the hair roll along the length of the hair roll is curved for fitting the arcuate contour of the wearer's head and the front cross-section of the hair roll is oval.
5. The hair volumizing accessory of claim 1, wherein the top plan view of the hair roll is arcuately curved.
6. The hair volumizing accessory of claim 1, wherein the filler comprises rolled hair.
7. The hair volumizing accessory of claim 6, wherein the rolled hair comprises synthetic wig tape or natural hair.
8. The hair volumizing accessory of claim 1, wherein the filler comprises an elastic flexible malleable frame whereby the frame resiliently maintains the shape of the hair roll.
9. The hair volumizing accessory of claim 8, wherein the frame comprises fabric, soft plastic material, or foam such as closed cell foam.
10. The hair volumizing accessory of claim 1, wherein the length of the hair comb teeth is curved and the hair comb teeth are arcuately arrayed for fitting the arcuate contour of the wearer's head.
11. The hair volumizing accessory of claim 1, wherein the hair comb teeth comprise a body in the shape of a long elongated leaf and an end tapered to a relatively narrow blunt point for having an enhanced ability of the teeth to grip the wearer's hair.
12. The hair volumizing accessory of claim 1, wherein the attachment means for attaching the hair comb to the hair roll comprises glue or hook-and-loop fasteners.
13. The hair volumizing accessory of claim 1, wherein the two end caps enclose both ends of the hair comb as well as the two openings of the hair roll.
14. The hair volumizing accessory of claim 1, wherein the two end caps are attached to the hair roll by gluing or sawing.
15. The hair volumizing accessory of claim 1, wherein the two end caps comprise fabric or plastic.
16. The hair volumizing accessory of claim 1, wherein the hair comb teeth comprise a plurality of corrugations of alternately concave and convex arcuate contours in the upper

portion thereof for facilitating gripping the wearer's hair by the comb and concealing the comb teeth under the wearer's hair.

17. The hair volumizing accessory of claim 1, wherein the hair roll, filler and two end caps are integrated into one unit comprising fabric, flexible soft plastic material, or foam such as closed cell foam.

18. The hair volumizing accessory of claim 17, wherein the integrated unit comprises design pattern and color on its surface whereby the hair volumizing accessory is not visible when worn.

19. A method for manufacturing the hair volumizing accessory for adding hair volume comprising steps of:

rolling synthetic wig tape into a hair roll in the shape of a tube, leaving two openings on both ends of the hair roll;

cutting pieces of synthetic hair and putting them into a filler;

stuffing the filler into the hair roll;

sewing both ends of the hair roll;

attaching the hair roll to a hair comb; and

attaching end caps to the both ends of the hair roll.

20. A method for using the hair volumizing accessory for adding hair volume comprising steps of:

gathering and lifting hair from the forehead;

putting the hair volumizing accessory and wearing the hair comb behind the hair lifted; and

covering the hair volumizing accessory with the hair lifted.

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