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(54) **ORNAMENTAL HAIR PIECE**

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(57) **ABSTRACT**

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Disclosed is an ornamental hair piece. The ornamental hair piece includes hair strands with tips being connectively arranged in a row; an upper hair arranging band constituted by a base and securing loops, the base having a width and a height suitable for seating the tips of the hair strands thereon and the securing loops being successively formed on the top of the base in a lateral direction to pass through natural hair bundles therethrough; and a securing means for gathering and securing more than two bundles of natural hairs that passed through the securing loop, wherein, the base and the securing loops of the upper hair arranging band are made of flexible materials, and the securing means is positioned on the base.

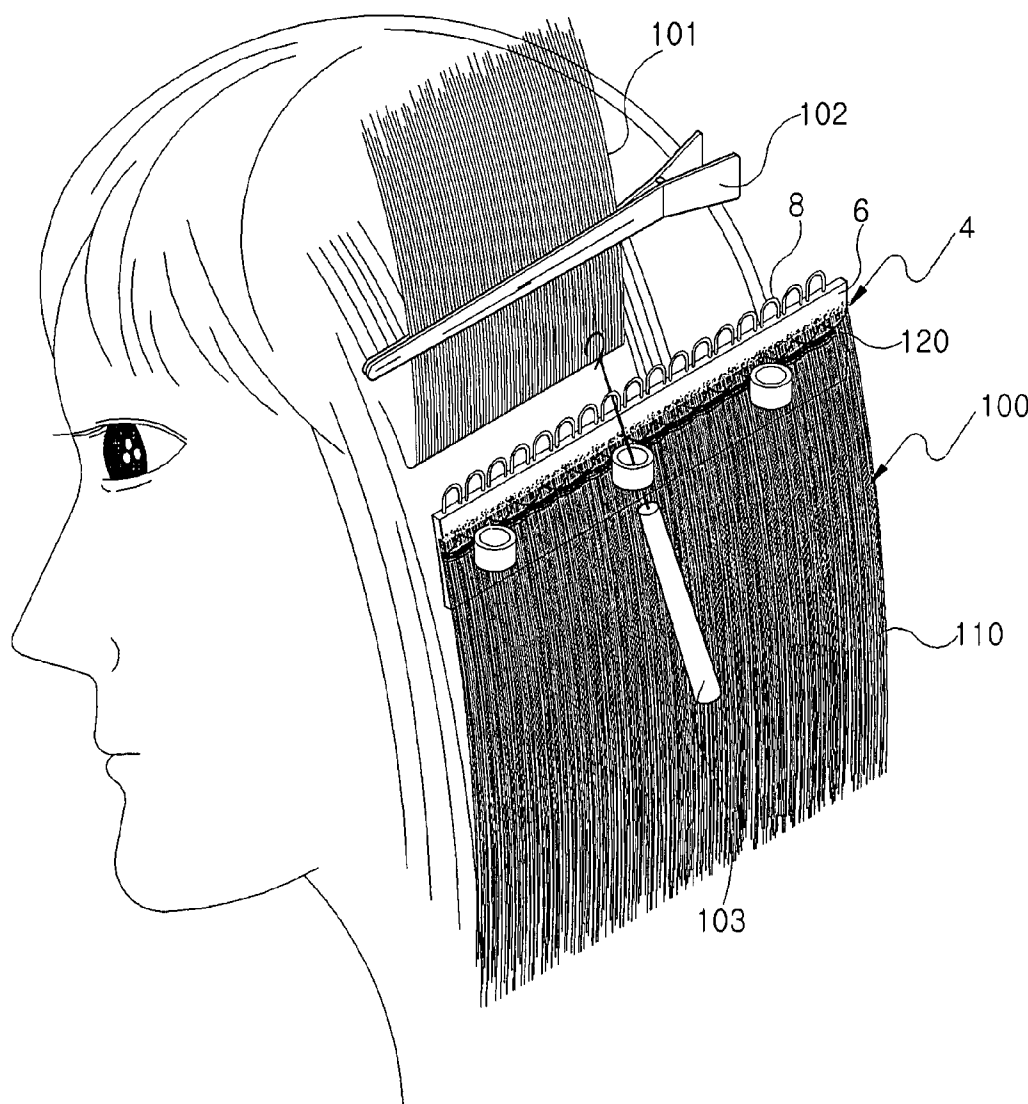


Fig. 1a

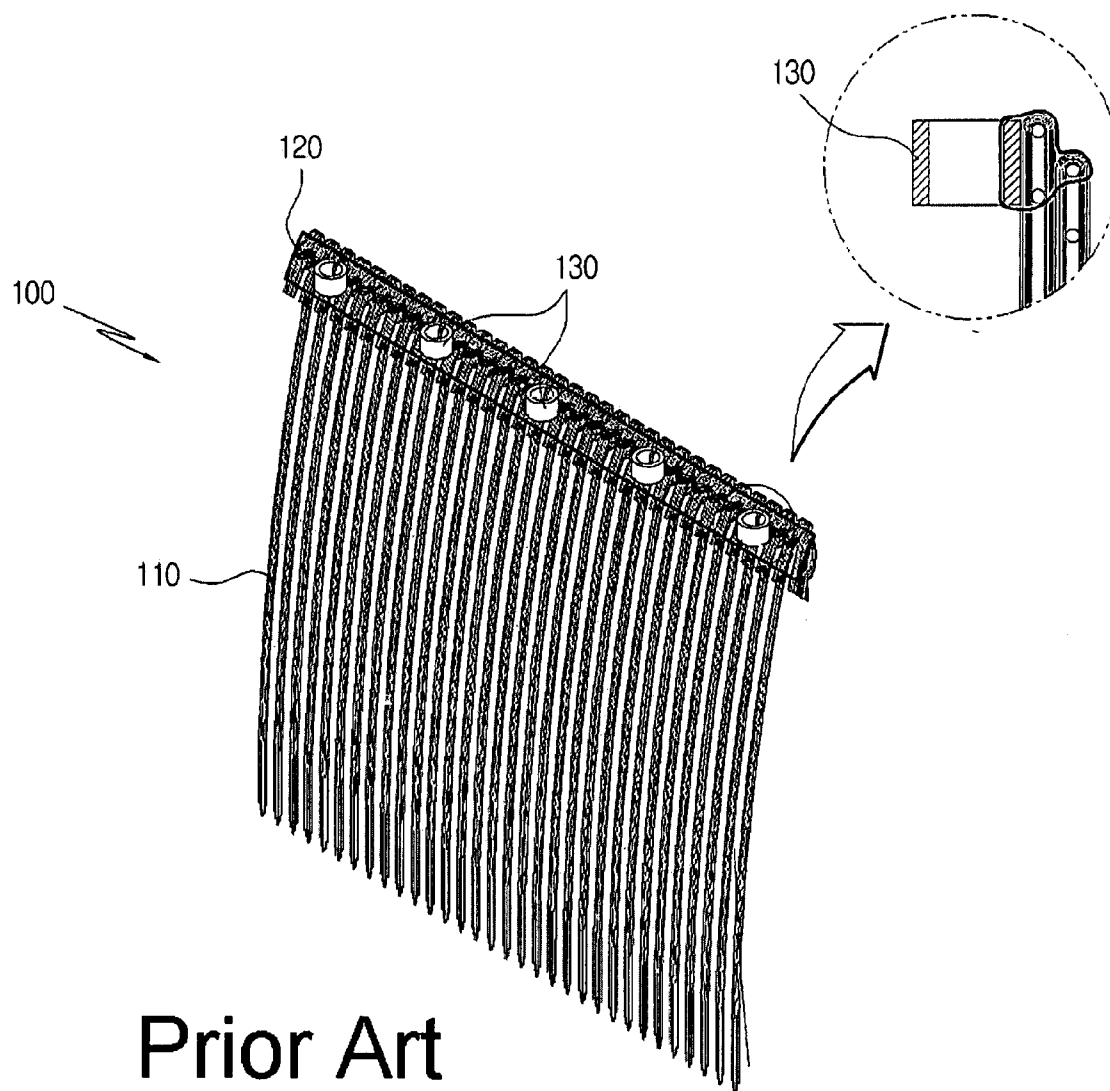
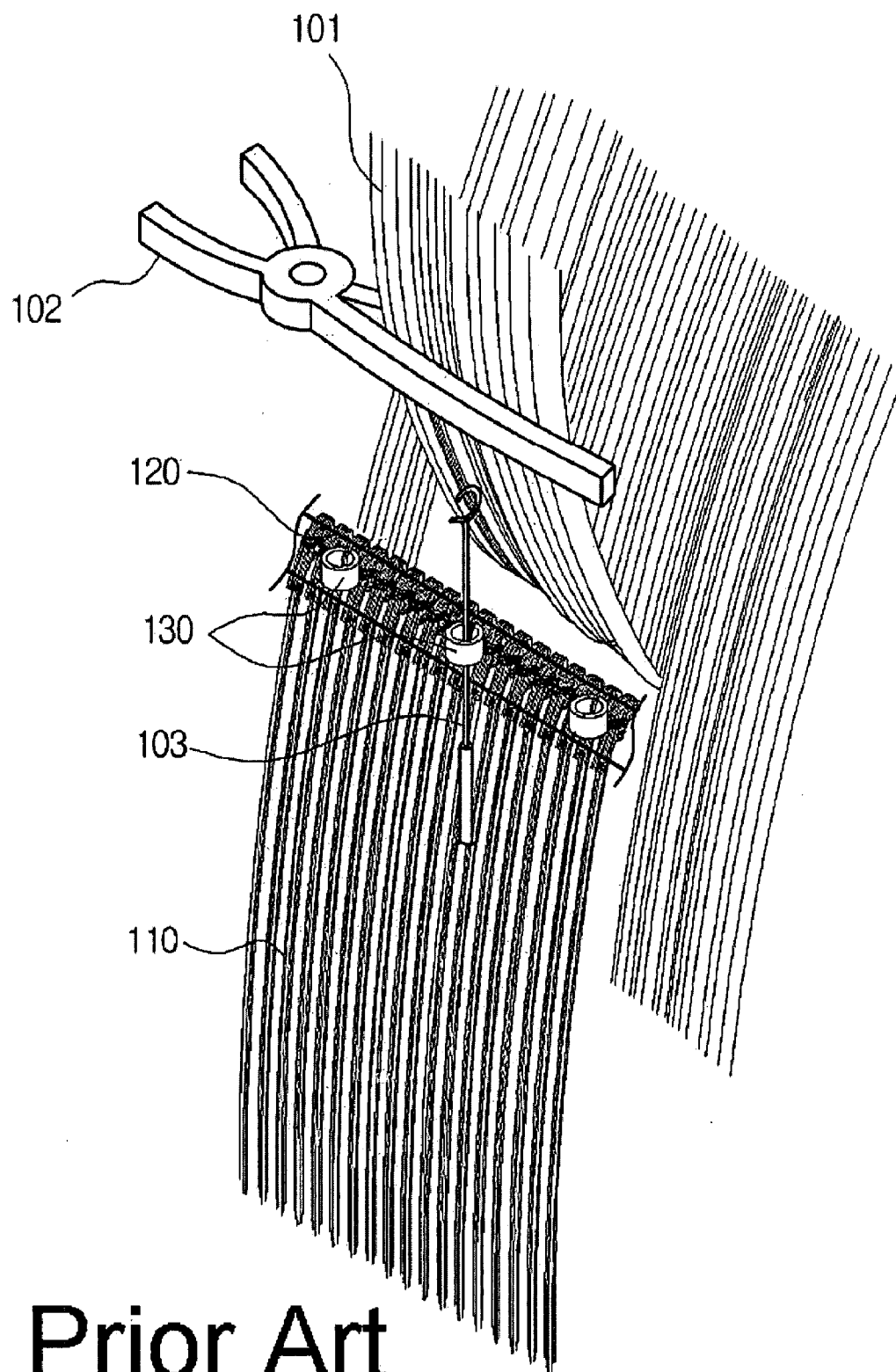


Fig. 1b.



Prior Art

Fig. 1c

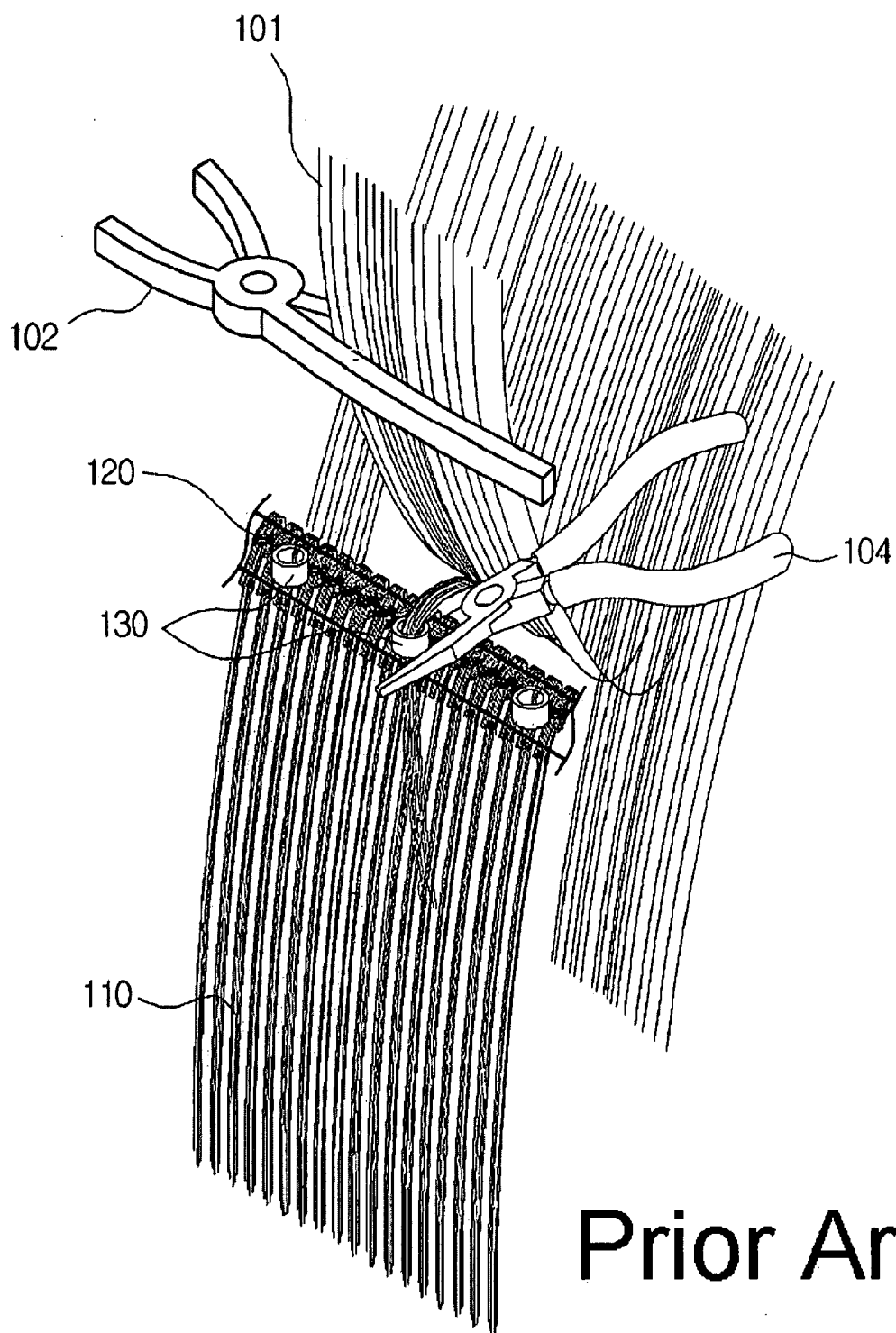
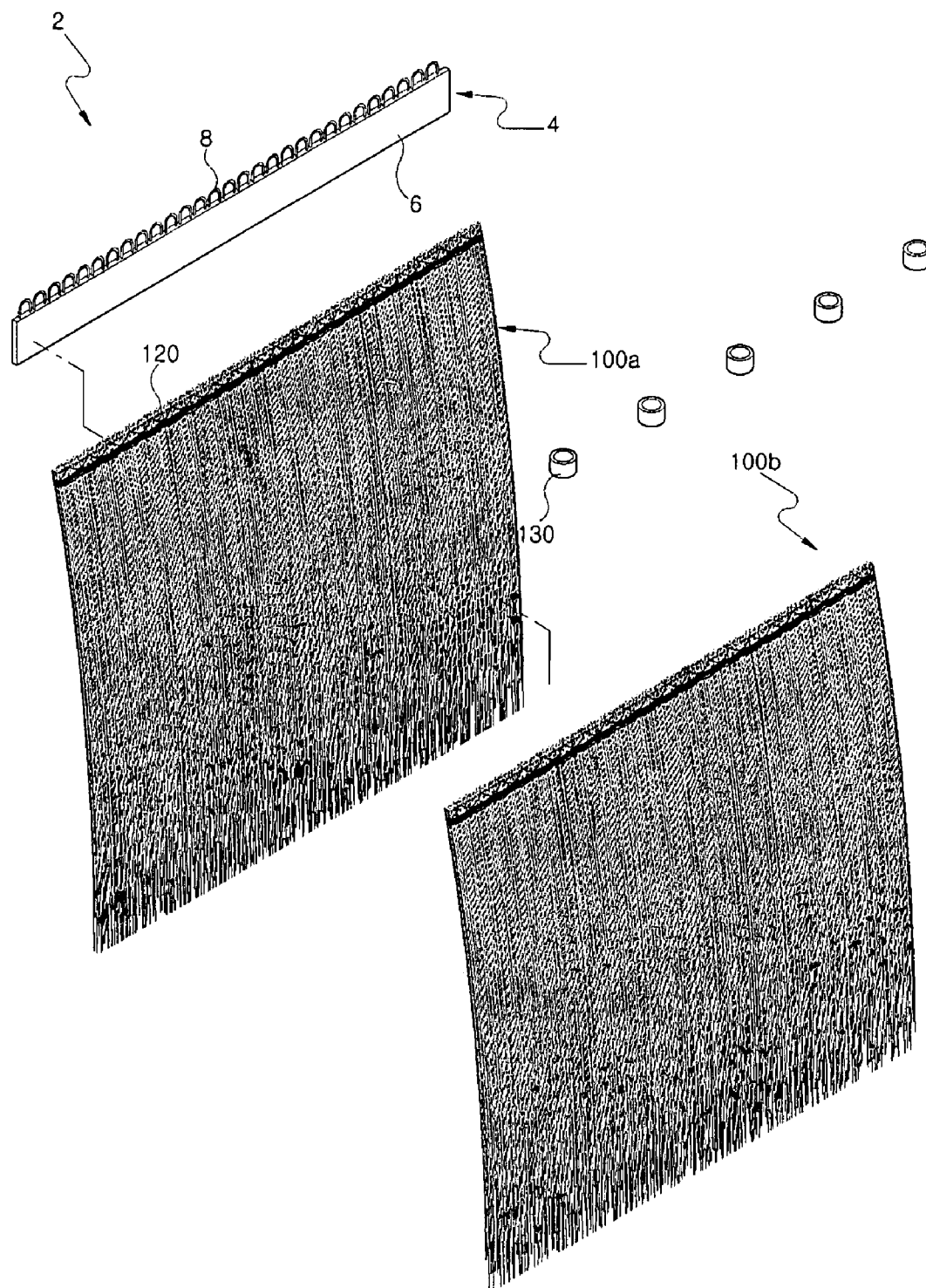


Fig. 2



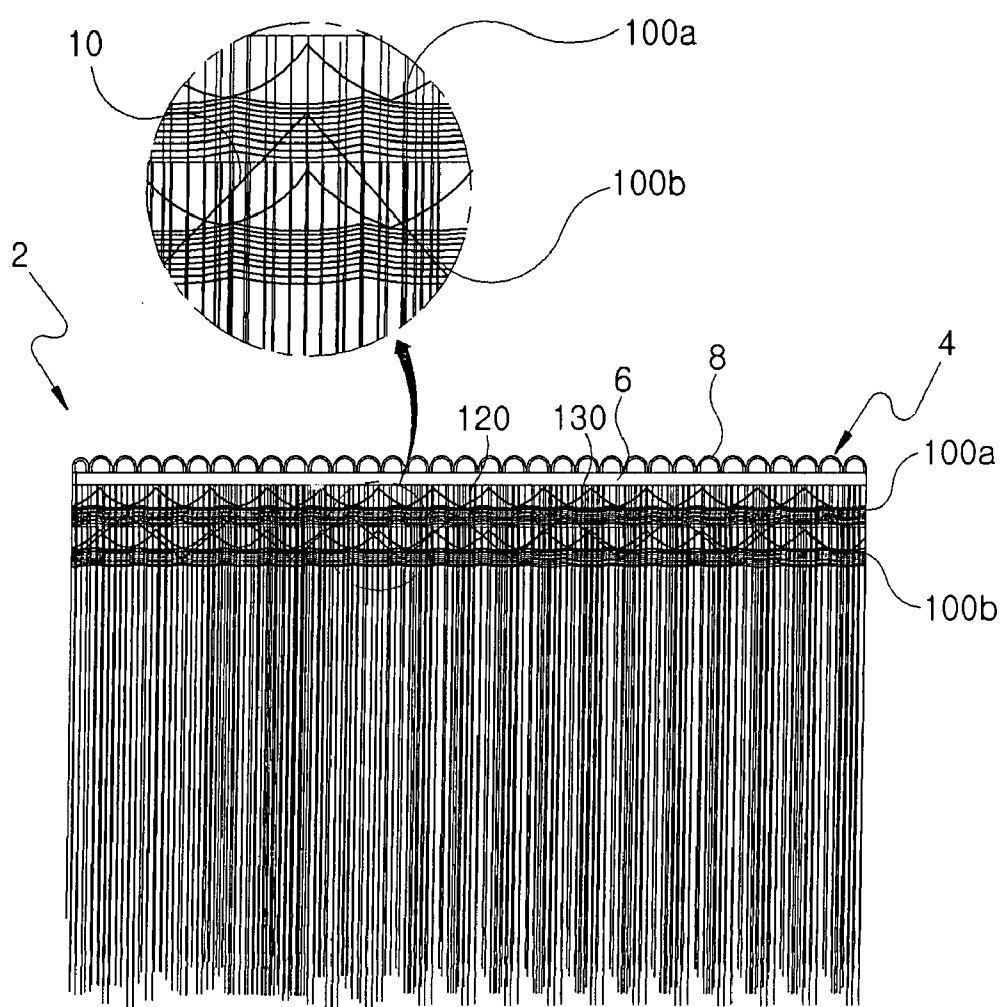


Fig. 4

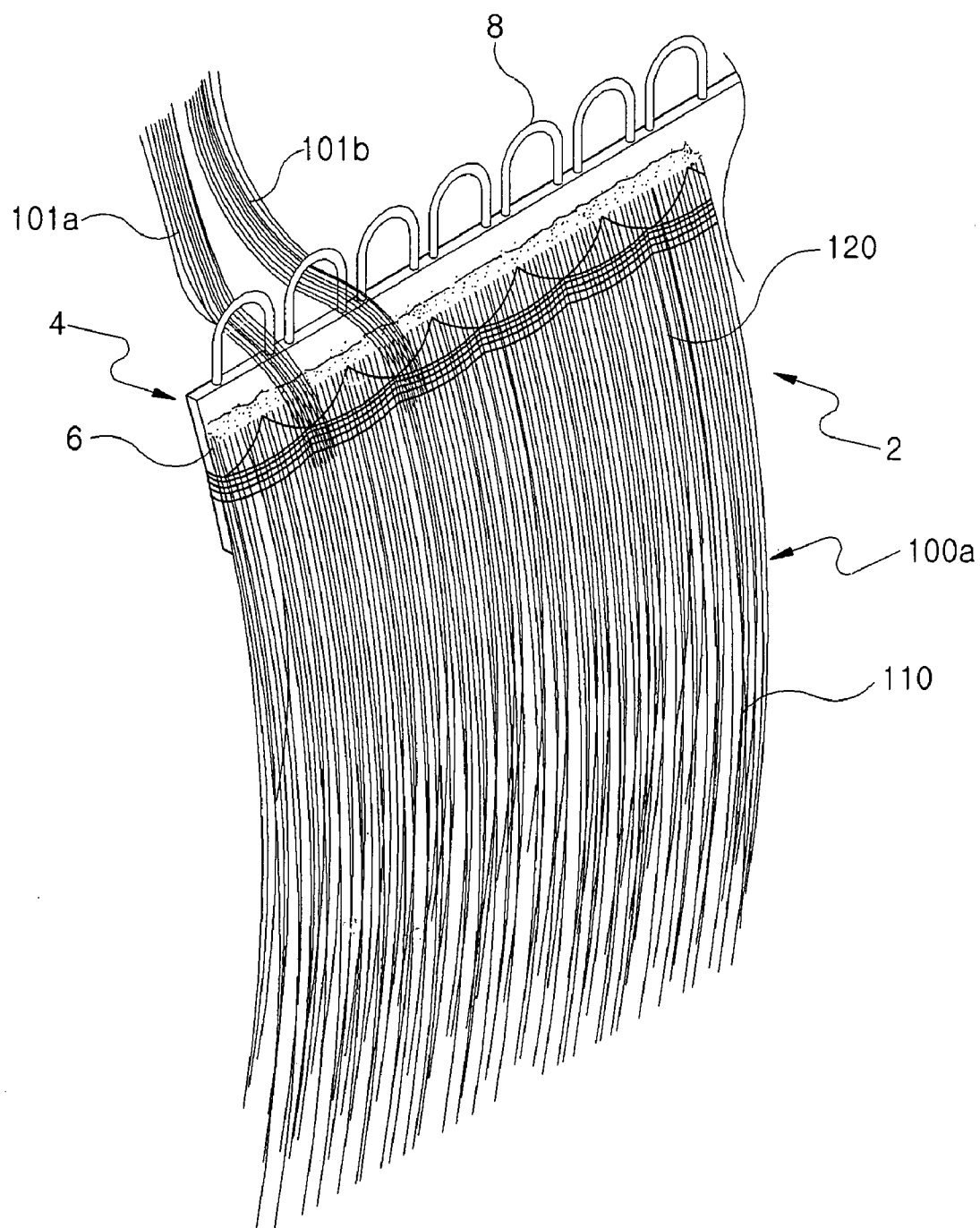


Fig. 5

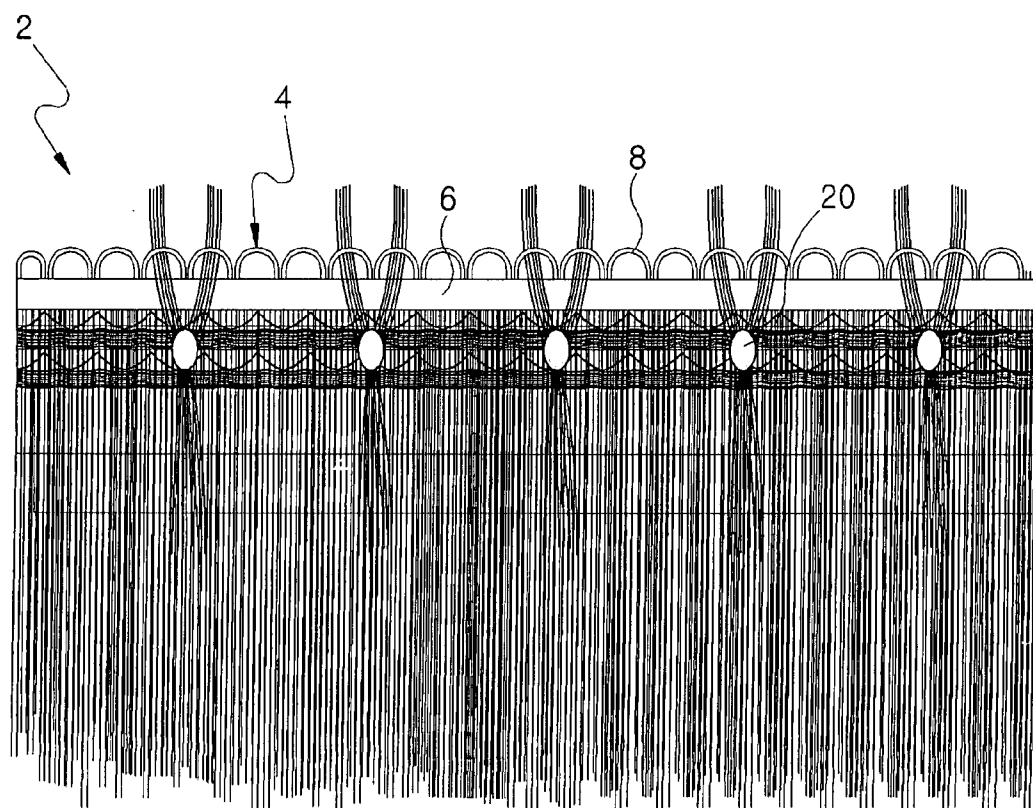


Fig. 6a

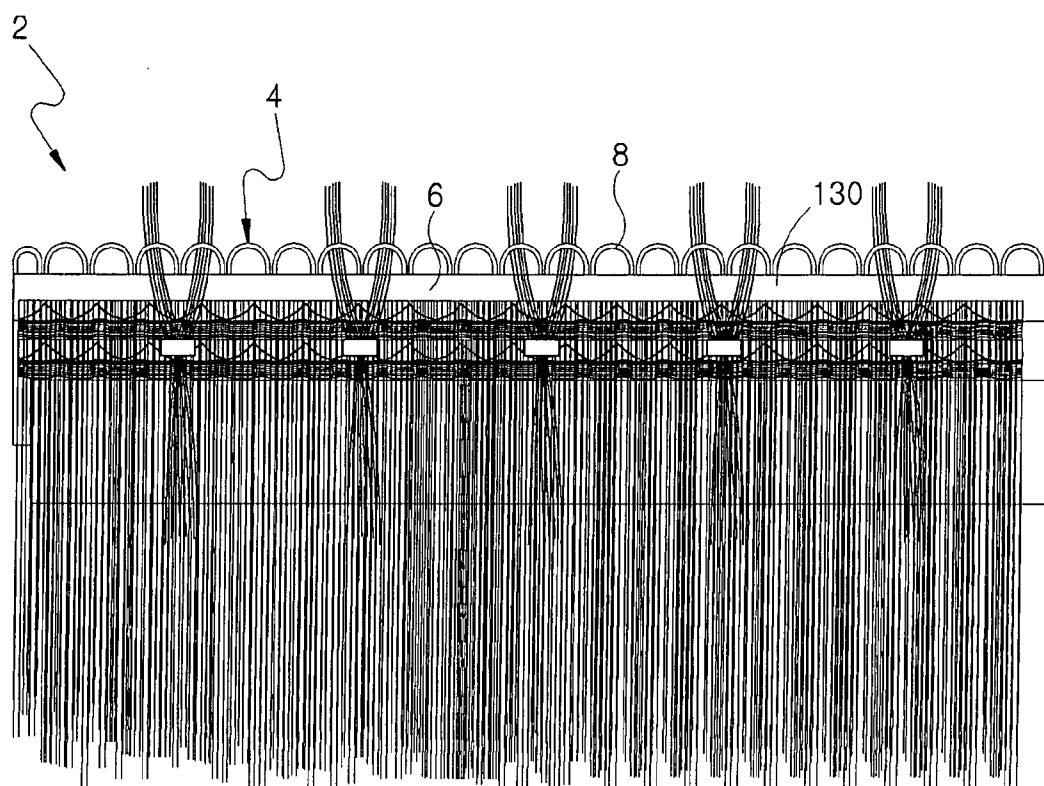


Fig. 6b

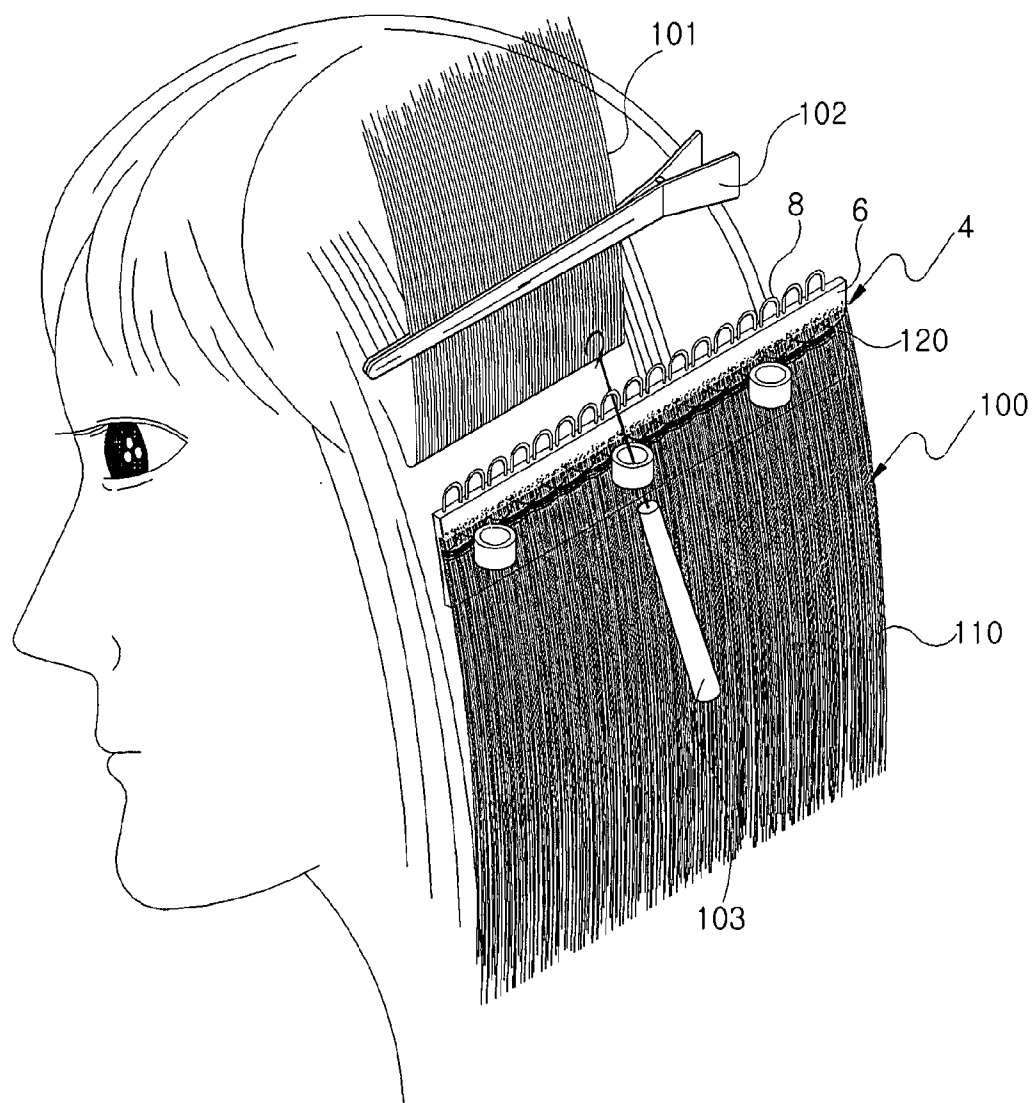


Fig. 6c

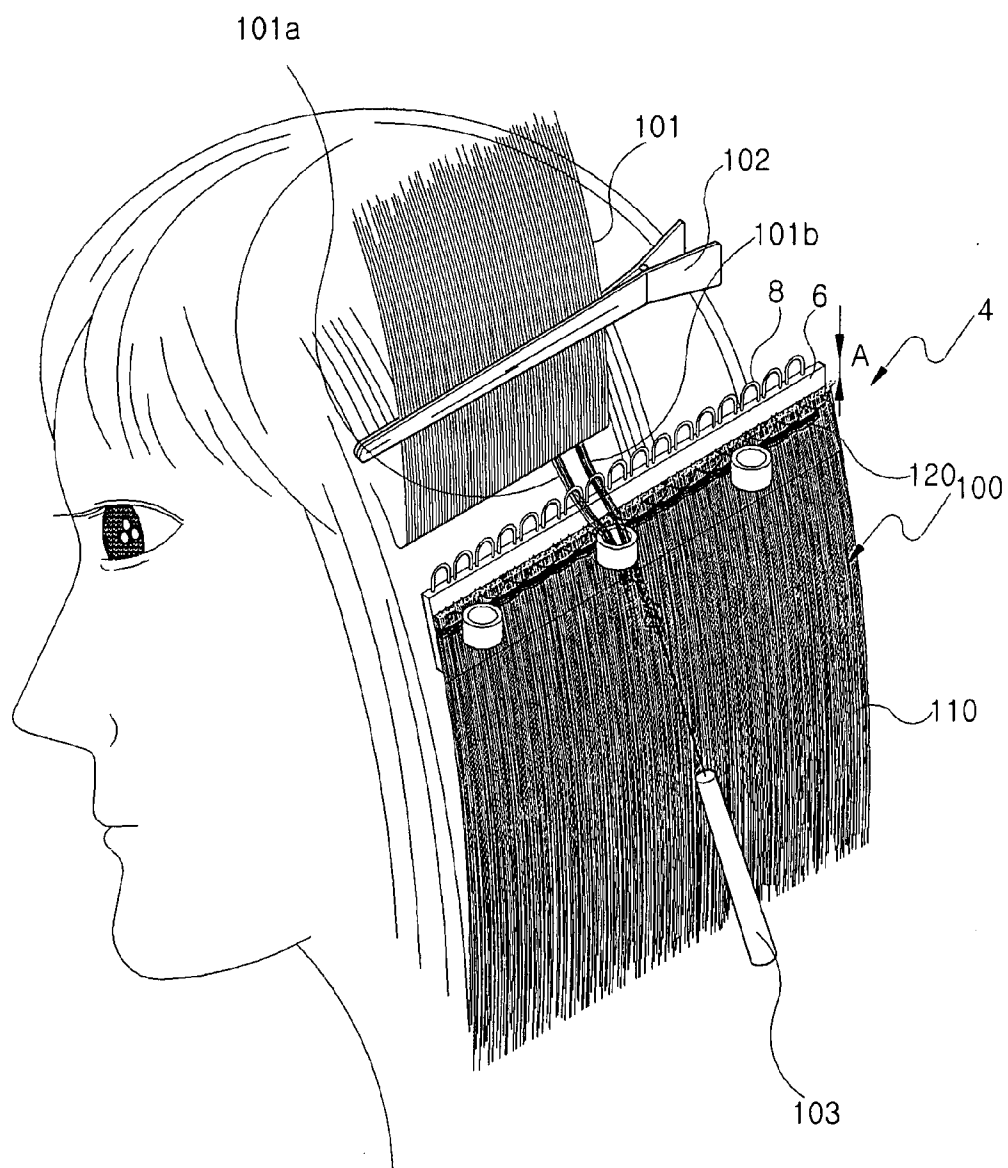


Fig. 6d

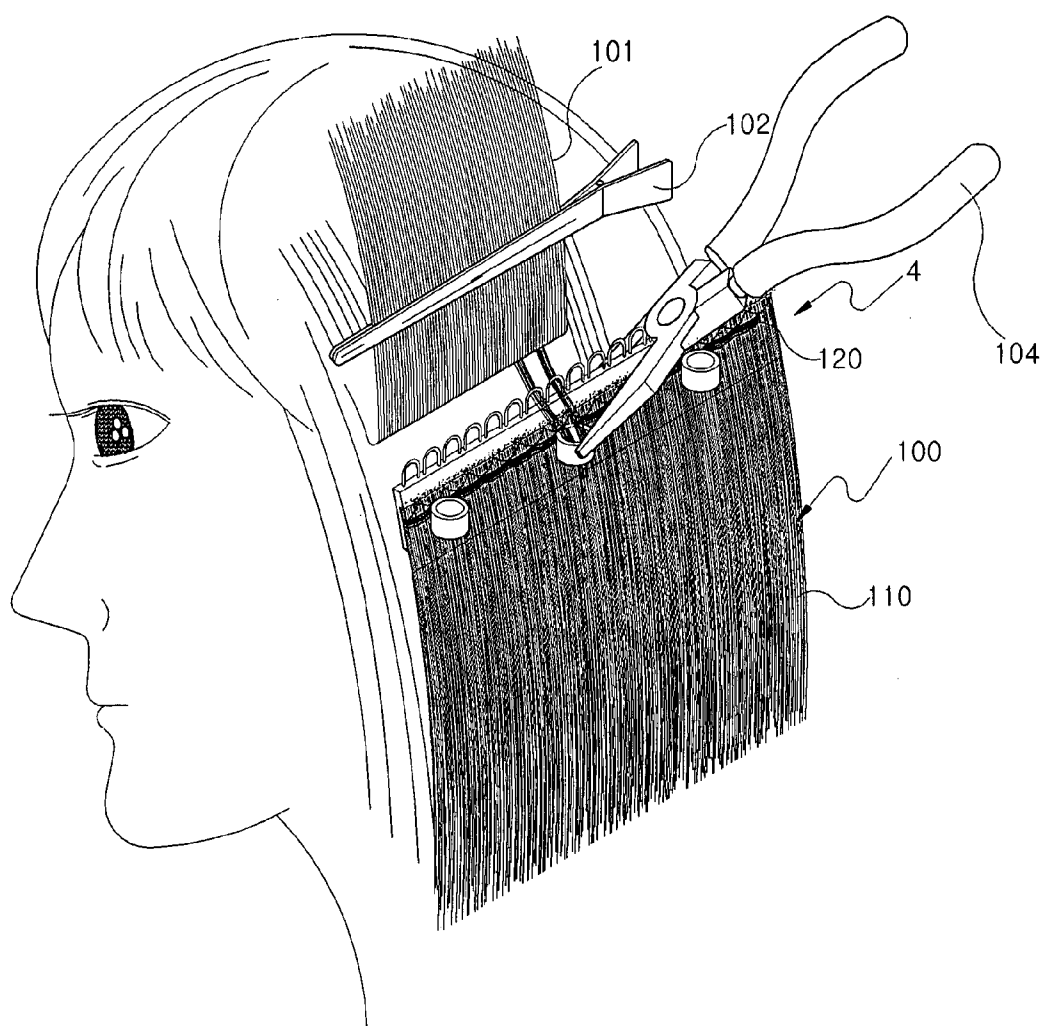


Fig. 7

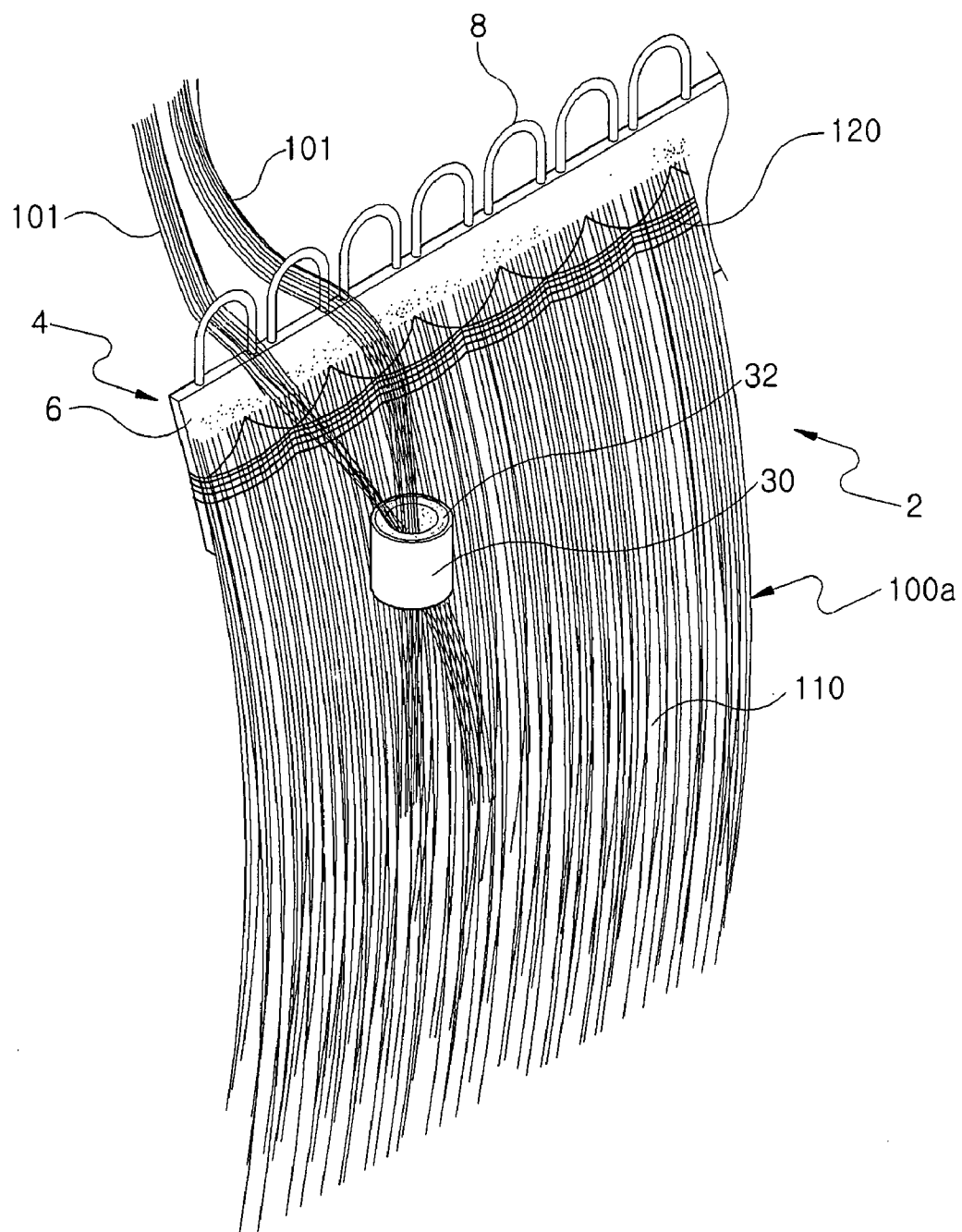
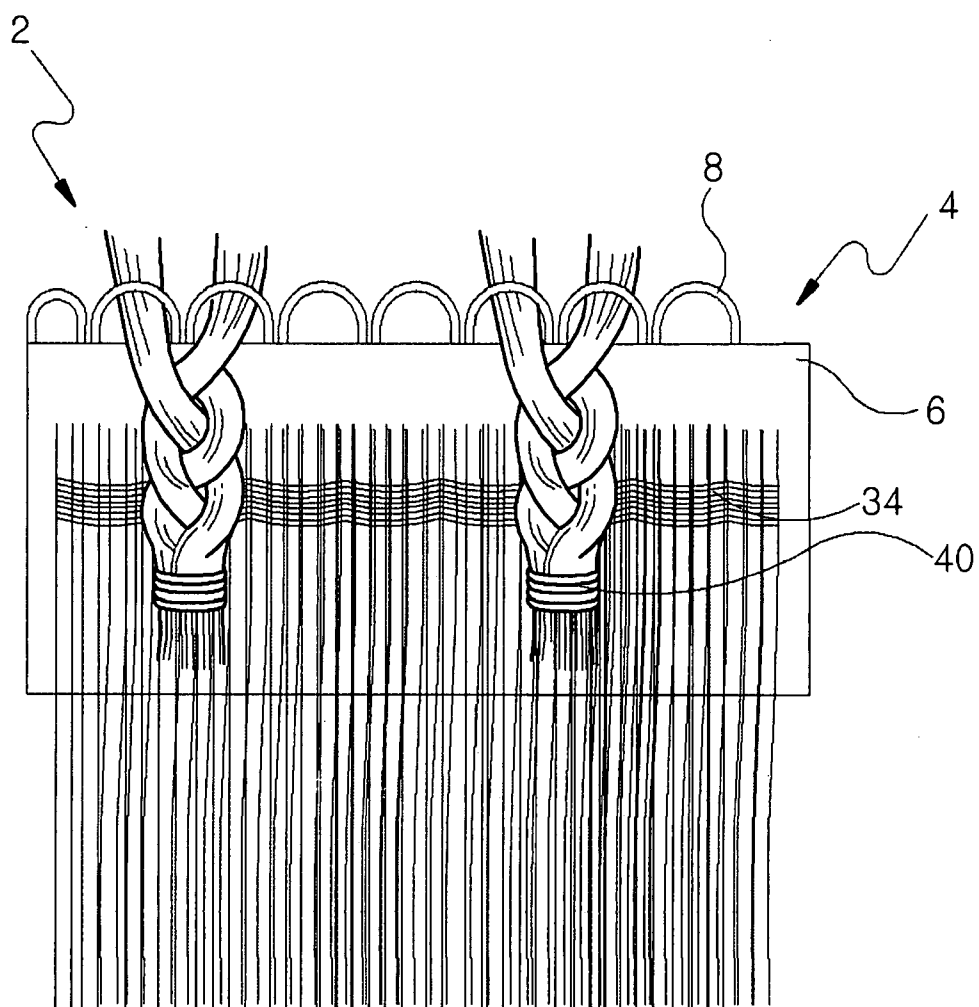


Fig. 8



ORNAMENTAL HAIR PIECE

FIELD OF THE INVENTION

[0001] The present invention relates to an ornamental hair piece.

BACKGROUND OF THE INVENTION

[0002] As well-known in the art, as an increasing number of people wear hair wigs for reasons, such as, fashion and style, hair wigs of various colors and shapes are now available. In particular, there came a new hair fashion where a hair piece of a certain length was attached to the path of existing natural hair of short length to make long hair together. In a conventional method, the hair piece was attached to a wearer's natural hair with glue, silicon, etc. However, this method was not satisfactory for many problems. For instance, it damages hair and is weak against heat and water, so people could not wear the same in a sauna and while swimming. Also, removing the hair piece involved an extra task, such as, removing silicon and so on, which procedure is tedious and requires a significant measure of time, labor, and skill for implementation.

[0003] As one way to overcome these problems, there is Korean Utility Model Registration No. 20-0303748, entitled "A Hair Piece", which discloses a method for connecting a hair piece to natural hairs by using metal rings. According to this prior art method, a metal ring is placed at a joint between natural hair and a hair piece bundle and is compressed with pincers. Although this method of connecting natural hair and a hair piece with metal rings completely solved problems caused with applications of glue, silicon, etc., it still required so much time to be applied to the entire hair of a person because the metal ring had to be applied to every single hair piece bundle. Moreover, since the metal rings and hair pieces were manufactured separately and not interconnected, the operation work was not only uncomfortable, but also created an unattractive look after the operation especially when all connections between natural hair and hair piece are not uniformly done. In addition, because the metal rings were anchored individually and independently, their compressive force may be got weaker after a long-term use, which detaches the hair piece from natural hair when touching it.

[0004] Therefore, in order to overcome the conventional attachment technique of a hair piece bundle set forth above, a hair piece with the structure where hair strands of a uniform length are connected in width, as shown in FIGS. 1A, 1B, and 1C, has been developed in recent years. Referring to the drawings, the hair piece consists of a plurality of hair strands or hair tufts 110 manufactured in certain length and color to meet user's tastes, and a securing tie portion 120 for bridging end portions of the hair strands 110 in a row to certain width. The securing tie portion 120 is formed of a thread used for stitching the end portions of individual hair strands 110 securely together. In addition, metal rings 130 are arranged at regular intervals at one side of the securing tie portion 120. Using this conventional hair piece with the above structure, the securing tie portion 120 connectively securing the hair strands 110 one after another is cut to certain length according to a size of a region of a wearer's head to be put on. The hair strands 110 of a uniform size (width) thus cut are attached to existing natural hair of the wearer, and then locked up in place by pincers 102 or the like. With help of a hooked needle 103, the natural hairs 101 pass through the metal rings 130 that are positioned in the middle of the securing tie portion 120, and

the metal rings 130 are firmly joined by the pincers 102 to the natural hairs 101. In this manner, the natural hairs 101 and the hair strands 110 are attached to each other.

[0005] The conventional technique described above is useful for attaching even more hair strands at once to the natural hairs 101 by successively stitching end portions of the hair strands 110 to certain width. However, since the metal rings 130 connecting the hair strands 110 and the natural hairs 101 are positioned on the upper end of the securing tie portion 120, the metal rings 130 come in direct contact with the wearer's scalp, going over the upper end of the securing tie portion 120 when a wearer lies on his/her pillow to sleep. Consequently, the wearer feels pain due to compression of the metal rings 130.

[0006] The metal rings 130 could be fixed onto the lower end of the securing tie portion 120 in order to solve the above problem. In such a case, however, since there is no separate means for securing the upper end of the securing tie portion 120, the securing tie portion 120 protrudes or is easily visible the outside of the natural hairs 101, thereby giving a tufty, unnatural look of the hair piece at the hairline.

SUMMARY OF THE INVENTION

[0007] Therefore, the present invention has been made in view of the above problems of the prior arts, and it is a primary object of the present invention to provide an improved ornamental hair piece creating a natural attachment, while making a securing means, such as, metal rings, not in direct contact with a wearer's scalp.

[0008] In accordance with the present invention for achieving the above object, there is provided an ornamental hair piece including: hair strands with tips being connectively arranged in a row; an upper hair arranging band constituted by a base and securing loops, the base having a width and a height suitable for seating the tips of the hair strands thereon and the securing loops being successively formed on the top of the base in a lateral direction to pass through natural hair bundles therethrough; and a securing means for gathering and securing more than two bundles of natural hairs that passed through the securing loop, wherein, the base and the securing loops of the upper hair arranging band are made of flexible materials, and the securing means is positioned on the base.

BRIEF DESCRIPTION OF THE DRAWINGS

[0009] The above and other objects and features of the instant invention will become apparent from the following description of preferred embodiments taken in conjunction with the accompanying drawings, in which:

[0010] FIGS. 1A, 1B, and 1C illustrate a hair piece according to an embodiment of a prior art;

[0011] FIG. 2 is an exploded perspective view of an ornamental hair piece according to one embodiment of the present invention;

[0012] FIG. 3 shows a double layered state of hair strands configuring an ornamental hair piece according to one embodiment of the present invention;

[0013] FIG. 4 is an enlarged perspective view showing a major part of securement of an ornamental hair piece according to one embodiment of the present invention to natural hairs;

[0014] FIG. 5 is a front view showing the application of adhesive members for securement of an ornamental hair piece according to one embodiment of the present invention;

[0015] FIG. 6A is a front view showing the use of metal rings for securement of an ornamental hair piece according to one embodiment of the present invention;

[0016] FIGS. 6B, 6C, 6D, and 6E illustrate how to connect the metal rings of FIG. 6A to natural hairs;

[0017] FIG. 7 is an enlarged perspective view showing a major part of securement of an ornamental hair piece according to one embodiment of the present invention in use of shrinky techniques; and

[0018] FIG. 8 is an enlarge perspective view showing a major part of securement of an ornamental hair piece according to one embodiment of the present invention in use of braiding techniques.

DETAILED DESCRIPTION OF THE INVENTION

[0019] Hereinafter, a preferred embodiment of the present invention will be described in more detail with reference to the accompanying drawings.

[0020] Referring to FIGS. 2 and 3, an ornamental hair piece 2 according to the present invention includes an upper hair arranging band 4 to which one side of hair strands 100a is attached. The upper hair arranging band 4 is provided with a base 6 of a designated width and height so that tips of the hair strands 100a may be seated thereon, wherein a plurality of securing loops 8 are successively formed in a longitudinal direction on the top of the base 6 in order to pass through natural hair bundles.

[0021] The base 6 and the securing loops 8 of the upper hair arranging band 4 are made of flexible materials, for example, a highly elastic fabric like spandex or soft rubber materials. Since the base 6 and the securing loops 8 of the upper hair arranging band 4 are made of flexible materials, it is possible to alleviate pressure on a wearer's scalp caused by a securing means such as metal rings 130 used for securing the hair strands 100a to the natural hairs. In addition, in case the upper hair arranging band 4 is made of fabric, it can be dyed together with the hair strands to a desired color.

[0022] Further, a plurality of hair strands (e.g., first and second hair strands) 100a and 100b may be attached to the base 6 of the upper hair arranging band 4 at the same time in a layered structure. In this case, the first and the second hair strands 100a and 100b are sewn together, with the second hair strands 100b being positioned at a certain distance away from the top of the first hair strands 100a, as depicted in FIG. 3. With many hair strands in a multilayer structure, more natural layers of hairline can be formed.

[0023] Moreover, the hair piece of the present invention includes a securing means for securing the hair strands 2 with natural hair bundles 101a and 101b that passed through the securing loops 8. For the securing means, an adhesive member 20 composed of hot melt or glue (shot from a glue gun), a metal ring 130, a shrinky tube 30, rubber 40 and the like may be used. Besides the aforementioned securing means, it is of course possible to utilize other types of securing means as long as they can secure the hair strands 100a to the natural hairs 101a and 101b.

[0024] Such a securing means is placed on the base 6 of the upper hair arranging band 4. Therefore, since the securing means such as the metal ring 130 is placed on the base 6 of the upper hair arranging band 4, it does not come in direct contact with the scalp of a wearer of the hair piece 2 during sleep.

[0025] FIG. 2 and FIGS. 6A through 6E illustrate a case where metal rings 130 are used as the securing means. The natural hair bundles 101a and 101b (refer to FIG. 4) pass

through the securing loops 8 through the metal rings 120 and are then secured with the hair piece 2. As depicted in FIGS. 2 and 4, and FIGS. 6A through 6E, natural hairs of a designated number of strands 101a and 101b are combined or collected into two bundles, respectively, and natural hairs 101a of one of the bundles pass through the securing loop 8 at a specific position, while natural hairs 101b of the other bundle pass through another adjacent securing loop 8. The natural hairs 101a and 101b that passed through the securing loops 8 are secured with the hair piece 100a by means of the metal ring 130.

[0026] Since the metal ring 130 is positioned at the top of the hair pieces 100a and 100b on the lower part and on the top surface of the base 6 of the upper hair arranging band 4, it does not come in direct touch with the wearer's scalp. Although two layered hair pieces 100a and 100b are illustrated in the drawings, it is obvious that more hair pieces can be piled up according to selection of the wearer. That is to say, multi-layered hair pieces 100a and 100b may be attached in steps style to the front side of the base 6 of the upper hair arranging band 4.

[0027] FIG. 5 is another embodiment of the securing means. In this embodiment, the adhesive member 20 such as hot melt or glue from a glue gun is used as the securing means.

[0028] FIG. 7 illustrates a case where a shrinky technique is adopted for the securing means. A shrinky tube 30 melts an adhesive agent 32 applied to the inner wall surface to secure natural hairs 101. This can be realized by applying heat to the shrinky tube 30 through a hair clamp and the like, so that the adhesive agent 32 on the inner wall surface of the shrinky tube 30 may melt for gluing natural hairs and hair pieces.

[0029] FIG. 8 illustrates a case where braiding is used as the securing means. That is, natural hairs that passed through the securing loops 8 respectively are braided together in twist patterns, and the lower part of the braided natural hairs is tied with a string like an elastic cord 40. After braiding, an outer surface of the elastic cord 40 is coated with a sprit gum separately, to ensure that the elastic cord 40 does not get loose easily.

[0030] As described so far, the ornamental hair piece according to the present invention is attached to natural hairs through the securing means like metal rings that are provided to the upper hair arranging band. In this way, the wearer's scalp does not come in direct contact with the securing means during sleep, and the wearer does not have a foreign-body sensation due to the securing means. Moreover, because natural hairs pass through the securing loops to be grafted to the hair piece, the top of the upper hair arranging band is closely adhered to natural hairs, thus creating a natural look of the hair piece at the hairline.

[0031] In addition, contrarily to conventional techniques for hair attachment where hair pieces are grafted densely to natural hairs, consuming a significant operation time, the hair pieces of the present invention are sparsely grafted to natural hairs, thereby saving the operation time that much.

[0032] While the ornamental hair piece of the present invention has been shown and described with respect to particular embodiments, it will be apparent to those skilled in the art that many changes and modifications may be made without departing from the spirit and scope of the invention as defined in the appended claims.

What is claimed is:

1. An ornamental hair piece, comprising:

hair strands with tips being connectively arranged in a row;
an upper hair arranging band constituted by a base and
securing loops, the base having a width and a height
suitable for seating the tips of the hair strands thereon
and the securing loops being successively formed on the
top of the base in a lateral direction to pass through
natural hair bundles therethrough; and

a securing means for gathering and securing more than two
bundles of natural hairs that passed through the securing
loop,

wherein, the base and the securing loops of the upper hair
arranging band are made of flexible materials, and the
securing means is positioned on the base.

2. The ornamental hair piece according to claim 1, wherein
multi-layered hair pieces are grafted to the base in steps style.

3. The ornamental hair piece according to claim 1, wherein
the securing means includes an adhesive member consisting
of hot melt or glue, a metal ring, a shrinky tube coated with an
adhesive agent on an inner wall surface thereof, and an elastic
cord.

4. The ornamental hair piece according to claim 2, wherein
the securing means includes an adhesive member consisting
of hot melt or glue, a metal ring, a shrinky tube coated with an
adhesive agent on an inner wall surface thereof, and an elastic
cord.

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