

## DESCRIPTION

### METHOD FOR MANUFACTURING WIG

#### Technical Field

[0001]

The present invention relates to a method for manufacturing a wig formed by implanting false hairs on a wig base, a manufactured wig base, and a manufactured wig.

#### Background Art

[0002]

A wig to be worn on a person's head is typically formed by implanting false hairs on a base portion called a wig base. Among such wigs, a wig in which false hairs are implanted on a net-like wig base has been proposed (e.g., refer to Patent Literature 1). Among such wigs, there has also been proposed a wig in which a cloth member (tag) showing a pattern, a character, or the like is attached on a back face of a wig base (e.g., refer to the paragraph [0018] and FIG. 1 of Patent Literature 2).

#### Citation List

##### Patent Literature

[0003]

Patent Literature 1: JP 2009-114567 A

Patent Literature 2: JP 2011-127228 A

#### Summary of Invention

## Technical Problem

[0004]

However, the wig disclosed in Patent Literature 2 has a problem such that the cloth member disposed on the back face of the wig is brought into contact with the scalp of a wearer to deteriorate comfort to wear. There is also a problem such that the cloth member is likely to be damaged when used for a long time.

[0005]

The present invention is made to solve the problems described above, and an object of the present invention is to provide a wig of which a cloth member showing a pattern, a character, or the like, which is disposed on a back face, does not impair comfort to wear during wearing, and is less likely to be damaged even when used for a long time.

## Solution to Problem

[0006]

To solve the problems described above, a method for manufacturing a wig, according to one aspect of the present invention includes a first step of preparing a protective net, a base cloth in a net-like shape, and a cloth member including a display face showing an emblem, a pattern, or a character, the cloth member having a size equal to or less than a size of each of the base cloth and the protective net, a second step of attaching the cloth member to the

protective net by sewing or bonding so as to allow a face opposite to the display face of the cloth member to be brought into contact with the protective net, and then sewing outer edges of the base cloth and the protective net, and a third step of implanting false hairs, from a protective net side, into both of the protective net and the base cloth which are sewn, into only the protective net, or into only the base cloth.

[0007]

To solve the problems described above, a method for manufacturing a wig, according to another aspect of the present invention includes a first step of preparing a protective net, a base cloth in a net-like shape, a cloth member including a display face showing an emblem, a pattern, or a character, the cloth member having a size equal to or less than a size of each of the base cloth and the protective net, and an artificial skin sheet having a size equal to or more than a size of the protective net, a second step of attaching the cloth member to the protective net by sewing or bonding so as to allow a face of the cloth member, opposite to the display face, to be brought into contact with the protective net, and then attaching the protective net to the artificial skin sheet by sewing or bonding so as to allow a face of the protective net opposite to a face to which the cloth member attached to be

brought into contact with the artificial skin sheet, and then sewing outer edges of the artificial skin sheet and the base cloth while the cloth member is disposed to allow the display face to face the base cloth, and a third step of implanting false hairs, from an artificial skin sheet side, into the artificial skin sheet or the base cloth, the artificial skin sheet and the base cloth being sewn.

[0008]

To solve the problems described above, a method for manufacturing a wig, according to yet another aspect of the present invention includes a first step of preparing a protective net, a base cloth in a net-like shape, a cloth member including a display face showing an emblem, a pattern, or a character, the cloth member having a size equal to or less than a size of each of the base cloth and the protective net, and an artificial skin sheet and a second protective net each having a size equal to or more than a size of the protective net, a second step of attaching the artificial skin sheet to the second protective net by sewing or bonding, and then implanting false hairs, from an artificial skin sheet side, into the second protective net, a third step of attaching the cloth member to the protective net by sewing or bonding to allow a face of the cloth member, opposite to the display face, to be brought into contact with the protective net, and

then sewing outer edges of the protective net and the base cloth to allow the cloth member to be disposed therebetween, and a fourth step of sewing an outer edge of a bonded body of the artificial skin sheet and the second protective net, and the outer edge of the base cloth, to allow the cloth member to be disposed therebetween, after the second and third steps.

[0009]

To solve the problems described above, a method for manufacturing a wig, according to yet another aspect of the present invention includes a first step of preparing a protective net, a base cloth in a net-like shape, a cloth member including a display face showing an emblem, a pattern, or a character, the cloth member having a size equal to or less than a size of each of the base cloth and the protective net, and an artificial skin sheet having a size equal to or more than a size of the protective net, a second step of attaching the artificial skin sheet to the protective net by sewing or bonding, and then implanting false hairs, from an artificial skin sheet side, into the protective net, a third step of attaching the cloth member to the base cloth by sewing or bonding to allow the display face of the cloth member to be brought into contact with the base cloth, and a fourth step of sewing an outer edge of a bonded body of the artificial skin sheet and the

second protective net, and the outer edge of the base cloth, to allow the cloth member to be disposed therebetween, after the second and third steps.

[0010]

To solve the problems described above, a wig base according to one aspect of the present invention includes a cloth member having a display face showing an emblem, a pattern, or a character, a protective net having a size equal to or more than that of the cloth member, and a base cloth in a net-like shape, the cloth member being disposed between the protective net and the base cloth to allow the display face to be in contact with the base cloth.

[0011]

To solve the problems described above, a wig according to one aspect of the present invention includes the wig base described above provided with false hairs implanted into the artificial skin sheet or the protective net.

Advantageous Effects of Invention

[0012]

As described above, the present invention can provide a wig base, a wig, and a method of manufacturing a wig, in each of which a cloth member disposed on a back face thereof, showing a pattern, a character, or the like, does not impair comfort to wear during wearing, and the

cloth member and its periphery are less likely to be damaged even when used for a long time.

#### Brief Description of Drawings

[0013]

FIG. 1 is a sectional view illustrating a method for manufacturing a wig according to a first embodiment of the present invention.

FIG. 2 is a top view illustrating a method for manufacturing a wig base according to the first embodiment of the present invention illustrated in FIG. 1.

FIG. 3 is a sectional view illustrating a method for manufacturing a wig according to a second embodiment of the present invention.

FIG. 4 is a sectional view illustrating a method for manufacturing a wig according to a third embodiment of the present invention.

FIG. 5 is a sectional view illustrating a method for manufacturing a wig according to a fourth embodiment of the present invention.

#### Description of Embodiments

[0014]

At first, as a general description of the present invention, a wig base, a wig, and a method for manufacturing a wig, according to embodiments of the present invention will be described.

[0015]

The wig base according to first to fourth embodiments of the present invention includes a cloth member having a display face showing an emblem, a pattern, or a character, a protective net having a size equal to or more than that of the cloth member, and a base cloth in a net-like shape, the cloth member being disposed between the protective net and the base cloth to allow the display face to be in contact with the base cloth.

[0016]

In the present embodiment, the cloth member having the display face showing an emblem, a pattern, or a character is protected by being covered with the protective net and the base cloth, so that the cloth member can be less likely to be damaged even when used for a long time. The cloth member is not brought into contact with the scalp of a wearer, either, so that the cloth member does not impair comfort to wear during wearing.

[0017]

The wig base according to any one of the second and fourth embodiments of the present invention is configured such that an artificial skin sheet is disposed on an opposite side to a face of the protective net in contact with the cloth member in the first embodiment described above.

[0018]

The present embodiment enables a more natural appearance to be obtained by attaching the artificial skin sheet.

[0019]

The wig base according to the third embodiment of the present invention is configured such that a second protective net is further disposed between the protective net and the artificial skin sheet in the second embodiment described above.

[0020]

The present embodiment enables the cloth member to be reliably protected by providing two protective nets at a portion where the cloth member is disposed.

[0021]

The wig according to any one of the first to fourth embodiments of the present invention includes the wig base described above provided with false hairs implanted into the artificial skin sheet or the protective net.

[0022]

The present embodiment enables providing a wig in which the cloth member disposed on a back face side does not impair comfort to wear during wearing, and is less likely to be damaged even when used for a long time.

[0023]

A method for manufacturing a wig, according to the first embodiment of the present invention, includes a first step of preparing a protective net, a base cloth in a net-like shape, and a cloth member including a display face showing an emblem, a pattern, or a character, the cloth member having a size equal to or less than that of each of the base cloth and the protective net, a second step of attaching the cloth member to the protective net by sewing or bonding so as to allow a face opposite to the display face of the cloth member to be brought into contact with the protective net sewing outer edges of the base cloth and the protective net, and a third step of implanting false hairs, from a protective net side, into both of the protective net and the base cloth sewn, into only the protective net, or into only the base cloth.

[0024]

The cloth member is attached to the protective net, and the protective net is attached to the base cloth, in the present embodiment, so that a wig in which the cloth member disposed on the back face side does not impair comfort to wear during wearing, and is less likely to be damaged even when used for a long time, can be manufactured in a simple process.

[0025]

A method for manufacturing a wig, according to the

second embodiment of the present invention, includes a first step of preparing a protective net, a base cloth in a net-like shape, a cloth member including a display face showing an emblem, a pattern, or a character, the cloth member having a size equal to or less than that of each of the base cloth and the protective net, and an artificial skin sheet having a size equal to or more than that of the protective net, a second step of attaching the cloth member to the protective net by sewing or bonding so as to allow a face of the cloth member, opposite to the display face, to be brought into contact with the protective net, and then attaching the protective net to the artificial skin sheet by sewing or bonding so as to allow a face of the protective net opposite to a face with the cloth member attached to be brought into contact with the artificial skin sheet, and then sewing outer edges of the artificial skin sheet and the base cloth while the cloth member is disposed to allow the display face to face the base cloth, and a third step of implanting false hairs, from an artificial skin sheet side, into the artificial skin sheet or into the base cloth, the artificial skin sheet and the base cloth being sewn.

[0026]

The artificial skin sheet is attached to the protective net, and then the cloth member is attached to

the base cloth while the cloth member is disposed inward in the present embodiment, so that the cloth member can be appropriately protected and comfort to wear during wearing can be improved even in a wig using the artificial skin sheet.

[0027]

A method for manufacturing a wig, according to the third embodiment of the present invention, includes a first step of preparing a protective net, a base cloth in a net-like shape, a cloth member including a display face showing an emblem, a pattern, or a character, the cloth member having a size equal to or less than that of each of the base cloth and the protective net, and an artificial skin sheet and a second protective net each having a size equal to or more than that of the protective net, a second step of attaching the artificial skin sheet to the second protective net by sewing or bonding, and then implanting false hairs, from an artificial skin sheet side, into the second protective net, a third step of attaching the cloth member to the protective net by sewing or bonding to allow a face of the cloth member, opposite to the display face, to be brought into contact with the protective net, and then sewing outer edges of the protective net and the base cloth to allow the cloth member to be disposed therebetween and a fourth step of sewing an outer edge of a bonded body

of the artificial skin sheet and the second protective net, and the outer edge of the base cloth, to allow the cloth member to be disposed therebetween, after the second and third steps.

[0028]

In the present embodiment, false hairs are implanted into the second protective net mounted with the artificial skin sheet, and then the second protective net is joined to the protective net and the base cloth with the cloth member disposed therebetween, so that the cloth member can be more reliably protected and implantation of the false hairs is facilitated.

[0029]

A method for manufacturing a wig, according to the fourth embodiment of the present invention, includes a first step of preparing a protective net, a base cloth in a net-like shape, and a cloth member including a display face showing an emblem, a pattern, or a character, the cloth member having a size equal to or less than that of each of the base cloth and the protective net, and an artificial skin sheet having a size equal to or more than that of the protective net, a second step of attaching the artificial skin sheet to the protective net by sewing or bonding, and then implanting false hairs, from an artificial skin sheet side, into the protective net, a third step of attaching

the cloth member to the base cloth by sewing or bonding to allow the display face of the cloth member to be brought into contact with the base cloth, and a fourth step of sewing an outer edge of a bonded body of the artificial skin sheet and the second protective net, and the outer edge of the base cloth, to allow the cloth member to be disposed therebetween, after the second and third steps.

[0030]

In the present embodiment, false hairs are implanted into the protective net attached to the artificial skin sheet, and then the protective net and the base cloth with the cloth member disposed therebetween are joined to each other, so that the cloth member can be more reliably protected and implantation of the false hairs is facilitated. In addition, one protective net is provided to protect the cloth member, so that manufacturing costs can be reduced and manufacturing time can be shortened.

[0031]

Next, a wig base, a wig using the wig base, and a method for manufacturing the wig, according to each of the embodiments of the present invention will be described in detail below with referring to the drawings.

[0032]

(Description of wig according to first embodiment)

At first, a wig according to the first embodiment of

the present invention will be described with referring to FIGS. 1 and 2. FIG. 1 is a sectional view illustrating a method for manufacturing the wig according to the first embodiment of the present invention. FIG. 2 is a top view illustrating a method for manufacturing a wig base according to the first embodiment of the present invention illustrated in FIG. 1. The wig base 2 is in the form of a sheet, and here the wig base 2 having a heart-like outer shape is illustrated as an example. However, the wig base 2 can have an appropriate size and an appropriate outer shape according to the application.

[0033]

As illustrated in FIGS. 1 and 2, a wig base 2 according to the present embodiment includes a cloth member 3 having a display face 3a showing an emblem, a pattern, or a character, a protective net 4 having a size equal to or more than that of the cloth member 3, and a base cloth 5 in a net-like shape. The wig base 2 further includes an outer frame 7 attached to an outer edge of the base cloth 5 by sewing to increase strength of the wig base 2.

[0034]

The cloth member 3 is attached on its face opposite to the display face 3a to the protective net 4 by sewing or bonding. The cloth member 3 is disposed between the protective net 4 and the base cloth 5 to allow the display

face 3a to be brought into contact with the base cloth 5. The cloth member 3 is thicker than the protective net 4 or the base cloth 5, and the display face 3a shows a mark, a symbol, or a character, with embroidery or printing. In the present embodiment, the cloth member 3 itself is in the shape of a butterfly, and the display face 3a shows a pattern of a deformed butterfly with embroidery or printing.

[0035]

The protective net 4 is a member formed into a net-like shape by plain knitting or the like using silk or a chemical fiber material such as polyester and polyamide. The protective net 4 is attached to an opposite face to the display face 3a of the cloth member 3 by sewing or bonding, and is attached at its outer edge to the base cloth 5 by sewing while the cloth member 3 is disposed inward.

[0036]

The base cloth 5 is a member formed into a net-like shape by plain knitting or the like using silk or a chemical fiber material such as polyester and polyamide. The base cloth 5 is directly brought into contact with the head of a user when the user wears the wig, and is formed to have a good texture.

[0037]

A wig 1 according to the first embodiment of the present invention includes false hairs 6 implanted into a

wig base 2 on its protective net 4 side. The false hairs 6 are each an artificial hair obtained by coloring a hair made of a human hair, or a monofilament made of acrylic resin, polyester resin, or polyamide-based resin, in black or another color by mass dyeing, for example, and spinning it. In addition, the false hairs 6 are each tied at its intermediate portion to a mesh of the protective net 4 or the base cloth 5 to form a pair of hairs 6a and 6b.

[0038]

(Description of method for manufacturing wig according to first embodiment)

A method for manufacturing a wig according to the first embodiment of the present invention includes first to third steps.

[0039]

The first step is performed to prepare a protective net 4, a base cloth 5 in a net-like shape, and a cloth member 3 including a display face 3a showing an emblem, a pattern, or a character, the cloth member 3 having a size equal to or less than that of each of the base cloth 5 and the protective net 4.

[0040]

The second step is performed to attach the cloth member 3 to the protective net 4 by sewing or bonding to allow a face 3b on an opposite side to the display face 3a

of the cloth member 3 to be brought into contact with protective net 4, as illustrated in FIGS. 1(a) and 2(a) to 2(c). Next, as illustrated in FIGS. 1(b), and 2(d) to 2(g), outer edges of the base cloth 5 and the protective net 4 are sewn. Then, an outer frame 7 is attached to an outer side of the base cloth 5 by sewing to complete the wig base 2.

[0041]

As illustrated in FIG. 1(c), the third step is performed to implant false hairs 6, from a protective net 4 side, into both of the protective net 4 and the base cloth 5 sewn, into only the protective net 4, or into only the base cloth 5 to complete the wig 1.

[0042]

As described above, the wig 1 according to the first embodiment of the present invention includes the cloth member 3 having the display face 3a showing an emblem, a pattern, or a character, being protected by being covered with the protective net 4 and the base cloth 5, so that the cloth member 3 on a back face of the wig 1 does not impair comfort to wear during wearing, and can be less likely to be damaged even when used for a long time.

[0043]

(Description of wig according to second embodiment)

At first, a wig according to the second embodiment

of the present invention will be described with referring to FIG. 3. FIG. 3 is a sectional view illustrating a method for manufacturing the wig according to the second embodiment of the present invention. A wig base 12 is in the form of a sheet. However, the wig base 2 can have an appropriate size and an appropriate outer shape according to the application.

[0044]

As illustrated in FIG. 3, the wig base 12 according to the present embodiment includes a cloth member 13 having a display face 13a showing an emblem, a pattern, or a character, a protective net 14 having a size equal to or more than that of the cloth member 13, and a base cloth 15 in a net-like shape. The wig base 2 includes an artificial skin sheet 17 disposed on an opposite side to a face of the protective net 14 in contact with the cloth member 13.

[0045]

The cloth member 13 is attached on its side opposite to the display face 13a to the protective net 14 by sewing or bonding, and an outer edge of the protective net 14 is attached to the artificial skin sheet 17 or the protective net 14 by sewing to allow the cloth member 13 to be disposed on a side opposite to the protective net 14, and then false hairs 16 are implanted into the artificial skin sheet 17, the protective net 14, or the base cloth 15, from

an artificial skin sheet 17 side.

[0046]

The artificial skin sheet 17 is a urethane resin sheet or the like having the same color as that of the base cloth 15, and extremely thin. The artificial skin sheet 17 is configured to be in a similar color resembling the skin, and configured such that wearing of the wig is less likely to be visible.

[0047]

A wig 11 according to the second embodiment of the present invention includes false hairs 16 implanted into the wig base 12 on its artificial skin sheet 17 side or protective net 14 side.

[0048]

(Description of method for manufacturing wig according to second embodiment)

A method for manufacturing a wig according to the second embodiment of the present invention includes first to third steps.

[0049]

The first step is performed to prepare a protective net 14, a base cloth 15 in a net-like shape, a cloth member 13 including a display face 13a showing an emblem, a pattern, or a character, the cloth member 13 having a size equal to or less than that of each of the base cloth 15 and

the protective net 14, and an artificial skin sheet 17 having a size equal to or more than that of the protective net 14.

[0050]

The second step is performed to attach the cloth member 13 to the protective net 14 by sewing or bonding to allow a face opposite to the display face 13a of the cloth member 13 to be brought into contact with the protective net 14, as illustrated in FIG. 3(a). Next, as illustrated in FIG. 3(b), the protective net 14 is attached to the artificial skin sheet 17 by sewing or bonding to allow a face of the protective net 14, opposite to a face to which the cloth member 13 is attached, to be brought into contact with the artificial skin sheet 17. Then, as illustrated in FIG. 3(c), outer edges of the artificial skin sheet 17 and the base cloth 15 are attached to each other by sewing while the display face 13a of the cloth member 13 is disposed so as to face the base cloth 15.

[0051]

Then, as illustrated in FIG. 3(d), the third step is performed to implant false hairs 16 to the attached body of the artificial skin sheet 17 and the base cloth 15 from an artificial skin sheet 17 side, specifically into the artificial skin sheet 17, or into the base cloth 15 thereof.

[0052]

As described above, in the wig 11 according to the second embodiment of the present invention, a natural appearance can be obtained and a good touch feeling is enhanced by adding the artificial skin sheet 17. The artificial skin sheet 17 is attached to the protective net 14, and then the artificial skin sheet 17 is attached to the base cloth 15 while the cloth member 13 is disposed inward, so that the cloth member 13 can be appropriately protected and comfort to wear during wearing can be improved even in a wig using the artificial skin sheet 17.

[0053]

(Description of wig according to third embodiment)

At first, a wig according to the third embodiment of the present invention will be described with referring to FIG. 4. FIG. 4 is a sectional view illustrating a method for manufacturing the wig according to the third embodiment of the present invention. A wig base 22 is in the form of a sheet, and can have an appropriate size and an appropriate outer shape according to the application.

[0054]

As illustrated in FIG. 4, the wig base 22 according to the present embodiment includes a cloth member 23 having a display face 23a showing an emblem, a pattern, or a character, a protective net 28 having a size equal to or more than that of the cloth member 23, and a base cloth 25

in a net-like shape. The cloth member 23 is disposed between the protective net 28 and the base cloth 25 to allow the display face 23a to be brought into contact with the base cloth 25.

[0055]

The wig base 22 includes an artificial skin sheet 27 disposed on an opposite side to a face of the protective net 28 in contact with the cloth member 23. The wig base 22 further includes a second protective net 24 disposed between the protective net 24 and the artificial skin sheet 27.

[0056]

A wig 21 according to the third embodiment of the present invention includes false hairs 26 implanted into the wig base 22 on its artificial skin sheet 27 side or second protective net 24 side.

[0057]

More specifically, the artificial skin sheet 27 and the second protective net 24 are sewn at their outer edges, and the false hairs 26 are implanted into the second protective net 24 from the artificial skin sheet 27 side. Meanwhile, the cloth member 23 is attached to the protective net 28 by bonding or sewing, and then is attached at its outer edge to the base cloth 25 by sewing while the cloth member 23 is disposed inward. Finally, the

artificial skin sheet 27 and second protective net 24, and the base cloth 25 are sewn at their outer edges.

[0058]

(Description of method for manufacturing wig according to third embodiment)

A method for manufacturing a wig according to the third embodiment of the present invention includes first to fourth steps.

[0059]

The first step is performed to prepare a second protective net 24, a base cloth 25 in a net-like shape, a cloth member 23 including a display face 23a showing an emblem, a pattern, or a character, the cloth member 23 having a size equal to or less than that of each of the base cloth 25 and the protective net 28, and an artificial skin sheet 27 and the protective net 28 each having a size equal to or more than that of the second protective net 24.

[0060]

As illustrated in FIG. 4(a), the second step is performed to attach the artificial skin sheet 27 and the second protective net 24 to each other by sewing or bonding, and then implant false hairs 26, from an artificial skin sheet 27 side, into the second protective net 24.

[0061]

As illustrated in FIG. 4(a), the third step is

performed to attach the cloth member 23 to the protective net 28 by sewing or bonding to allow a face opposite to the display face 23a of the cloth member 23 to be brought into contact with the protective net 28, and then sew outer edges of the protective net 28 and the base cloth 25 to allow the cloth member 23 to be disposed therebetween.

[0062]

As illustrated in FIG. 4(b), the fourth step is performed to sew an outer edge of a bonded body of the artificial skin sheet 27 and the second protective net 24, and an outer edge of the base cloth 25 to allow the cloth member 23 to be disposed therebetween, after the second and third steps.

[0063]

As described above, in the wig 21 according to third embodiment of the present invention, false hairs are implanted into the second protective net 24 mounted with the artificial skin sheet 27, and then the second protective net 24 is joined to the protective net 28 and the base cloth 25 with the cloth member 23 disposed therebetween, so that the cloth member 23 can be more reliably protected and implantation of the false hairs 26 is facilitated to simplify a manufacturing process. In addition, the cloth member 23 can be reliably protected by providing two protective nets at a portion where the cloth

member 23 is disposed.

[0064]

(Description of wig according to fourth embodiment)

At first, a wig according to the fourth embodiment of the present invention will be described with referring to FIG. 5. FIG. 5 is a sectional view illustrating a method for manufacturing the wig according to the fourth embodiment of the present invention. However, a wig base 32 can have an appropriate size and an appropriate outer shape according to the application.

[0065]

As illustrated in FIG. 4, the wig base 32 according to the present embodiment includes a cloth member 33 having a display face 33a showing an emblem, a pattern, or a character, a protective net 34 having a size equal to or more than that of the cloth member 33, and a base cloth 35 in a net-like shape. The cloth member 33 is disposed between the protective net 34 and the base cloth 35 to allow the display face 33a to be brought into contact with the base cloth 35. The wig base 32 includes an artificial skin sheet 37 disposed on an opposite side to a face of the protective net 34 in contact with the cloth member 33.

[0066]

A wig 31 according to the fourth embodiment of the present invention includes false hairs 36 implanted into

the wig base 32 on its artificial skin sheet 37 side or protective net 34 side.

[0067]

More specifically, the artificial skin sheet 37 and the protective net 34 are sewn at their outer edges, and the false hairs 36 are implanted into the protective net 34 from the artificial skin sheet 37 side. Meanwhile, the cloth member 33 is attached at its outer edge to the base cloth 25 by sewing. Finally, the artificial skin sheet 37 and protective net 34, and the base cloth 35 are sewn at their outer edges to allow the cloth member 33 to be disposed inward.

[0068]

(Description of method for manufacturing wig according to fourth embodiment)

A method for manufacturing a wig according to the fourth embodiment of the present invention includes first to fourth steps.

[0069]

The first step is performed to prepare a protective net 34, a base cloth 35 in a net-like shape, a cloth member 33 including a display face 33a showing an emblem, a pattern, or a character, the cloth member 33 having a size equal to or less than that of each of the base cloth 35 and the protective net 34, and an artificial skin sheet 37

having a size equal to or more than that of the protective net 34.

[0070]

As illustrated in FIGS. 5(a) and 5(b), the second step is performed to attach or sew the artificial skin sheet 37 and the protective net 34 to each other, and then implant false hairs 36 into a bonded body of the artificial skin sheet 37 and the protective net 34. A method for implanting the false hairs 36 into the bonded body of the artificial skin sheet 37 and the protective net 34 will be described more specifically. First, as illustrated in FIG. 5(a), the false hairs 36 are implanted into the protective net 34 from the lower side of the drawing. Next, as indicated by arrows of dotted lines of FIG. 5(a), the false hairs 36 are pulled out to the artificial skin sheet 37 side (upper side in the drawing) to enable obtaining an implanted state where the false hairs 36 extend from the artificial skin sheet 37 side as illustrated in FIG. 5(b).

[0071]

As illustrated in FIG. 5(b), the third step is performed to attach the cloth member 33 to the base cloth 35 by sewing or bonding to allow the display face 33a of the cloth member 33 to be brought into contact with the base cloth 35.

[0072]

As illustrated in FIG. 5(c), the fourth step is performed to sew an outer edge of a bonded body of the artificial skin sheet 37 and the protective net 34, and an outer edge of the base cloth 35 to allow the cloth member 33 to be disposed therebetween, after the second and third steps. In addition, as illustrated in FIG. 5(c), the false hairs 36 are implanted into the base cloth 35 as needed.

[0073]

As described above, according to the wig 31 of the fourth embodiment of the present invention, false hairs are implanted into a protective net mounted with an artificial skin sheet, and then the protective net and a base cloth with a cloth member disposed therebetween are joined to each other, so that the cloth member can be more reliably protected and implantation of the false hairs is facilitated. In addition, one protective net is provided to protect the cloth member, so that manufacturing costs can be reduced and manufacturing time can be shortened.

[0074]

While the embodiments of the present invention are described as above, the disclosure content may be changed in details of the configuration, and combinations of elements, changes in order, and the like in the embodiments can be achieved without departing from the scope of claims of the present invention and the concept thereof.

## Reference Signs List

[0075]

|                               |                              |
|-------------------------------|------------------------------|
| 1, 11, 21, 31                 | wig                          |
| 2, 12, 22, 32                 | wig base                     |
| 3, 13, 23, 33                 | cloth member                 |
| 3a, 13a, 23a, 33a             | display face                 |
| 3b                            | face on opposite side        |
| 4, 14, 24, 34                 | protective net               |
| 5, 15, 25, 35                 | base cloth in net-like shape |
| 6, 16, 26, 36                 | false hair                   |
| 6a, b, 16a, b, 26a, b, 36a, b | pair of hairs                |
| 7                             | outer frame                  |
| 17, 27, 37                    | artificial skin sheet        |
| 28                            | second protective net        |

## CLAIMS

1. A method for manufacturing a wig, comprising:

a first step of preparing a protective net, a base cloth in a net-like shape, and a cloth member including a display face showing an emblem, a pattern, or a character, the cloth member having a size equal to or less than a size of each of the base cloth and the protective net;

a second step of attaching the cloth member to the protective net by sewing or bonding so as to allow a face opposite to the display face of the cloth member to be brought into contact with the protective net, and then sewing outer edges of the base cloth and the protective net; and

a third step of implanting false hairs, from a protective net side, into both of the protective net and the base cloth which are sewn, into only the protective net, or into only the base cloth.

2. A method for manufacturing a wig, comprising:

a first step of preparing a protective net, a base cloth in a net-like shape, a cloth member including a display face showing an emblem, a pattern, or a character, the cloth member having a size equal to or less than a size of each of the base cloth and the protective net, and an artificial skin sheet having a size equal to or more than a size of the protective net;

a second step of attaching the cloth member to the protective net by sewing or bonding so as to allow a face of the cloth member, opposite to the display face, to be brought into contact with the protective net, and then attaching the protective net to the artificial skin sheet by sewing or bonding so as to allow a face of the protective net opposite to a face to which the cloth member is attached be brought into contact with the artificial skin sheet, and then, sewing outer edges of the artificial skin sheet and the base cloth while the cloth member is disposed to allow the display face to face the base cloth; and

a third step of implanting false hairs, from an artificial skin sheet side, into the artificial skin sheet or the base cloth, the artificial skin sheet and the base cloth being sewn.

3. A method for manufacturing a wig, comprising:

a first step of preparing a protective net, a base cloth in a net-like shape, a cloth member including a display face showing an emblem, a pattern, or a character, the cloth member having a size equal to or less than a size of each of the base cloth and the protective net, and an artificial skin sheet and a second protective net each having a size equal to or more than a size of the protective net;

a second step of attaching the artificial skin sheet to the second protective net by sewing or bonding, and then implanting false hairs, from an artificial skin sheet side, into the second protective net;

a third step of attaching the cloth member to the protective net by sewing or bonding to allow a face of the cloth member, opposite to the display face, to be brought into contact with the protective net, and then sewing outer edges of the protective net and the base cloth to allow the cloth member to be disposed therebetween; and

a fourth step of sewing an outer edge of a bonded body of the artificial skin sheet and the second protective net, and the outer edge of the base cloth, to allow the cloth member to be disposed therebetween, after the second and third steps.

4. A method for manufacturing a wig, comprising:

a first step of preparing a protective net, a base cloth in a net-like shape, and a cloth member including a display face showing an emblem, a pattern, or a character, the cloth member having a size equal to or less than a size of each of the base cloth and the protective net, and an artificial skin sheet having a size equal to or more than a size of the protective net;

a second step of attaching the artificial skin sheet to the protective net by sewing or bonding, and then

implanting false hairs, from an artificial skin sheet side, into the protective net;

a third step of attaching the cloth member to the base cloth by sewing or bonding to allow the display face of the cloth member to be brought into contact with the base cloth; and

a fourth step of sewing an outer edge of a bonded body of the artificial skin sheet and the second protective net, and the outer edge of the base cloth, to allow the cloth member to be disposed therebetween, after the second and third steps.