July 22, 1969 R. A. SMITH 3,456,657

HEAD COVER

Filed April 4, 1967 2 Sheets-Sheet 1

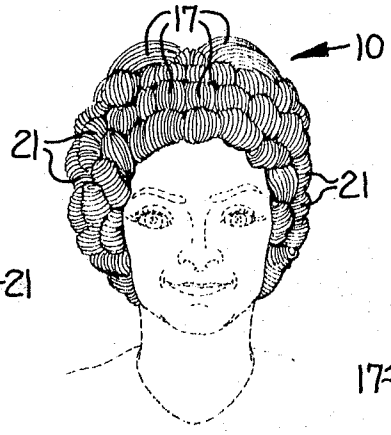


Fig-1

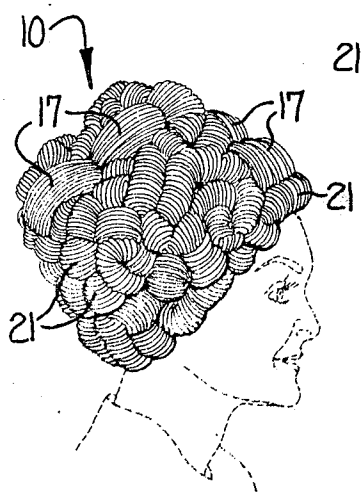


Fig-2

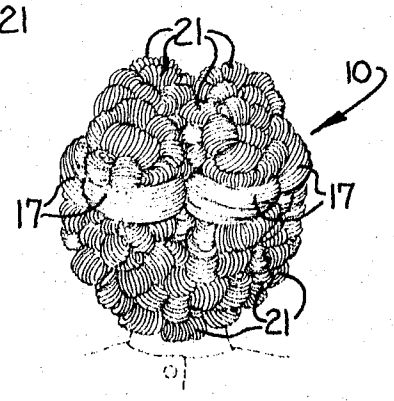


Fig-3

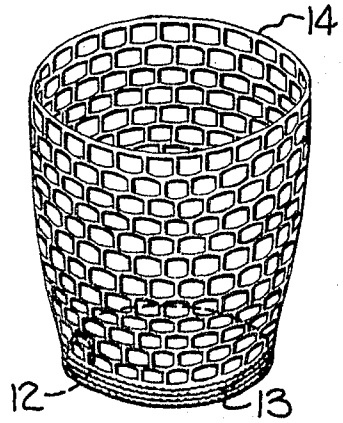


Fig-4

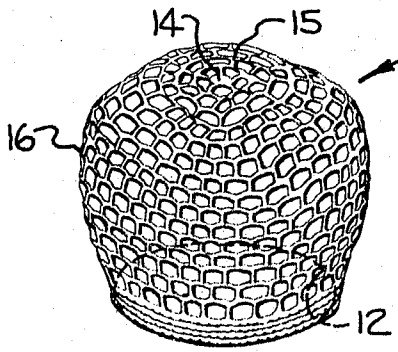


Fig-5

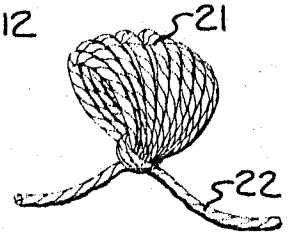


Fig-7

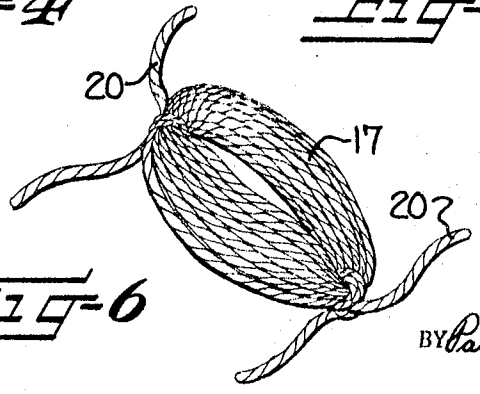


Fig-6

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HEAD COVER

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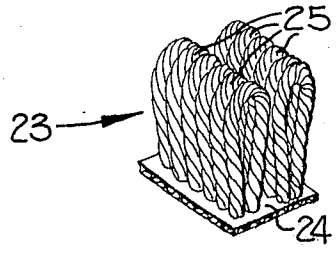


Fig-8

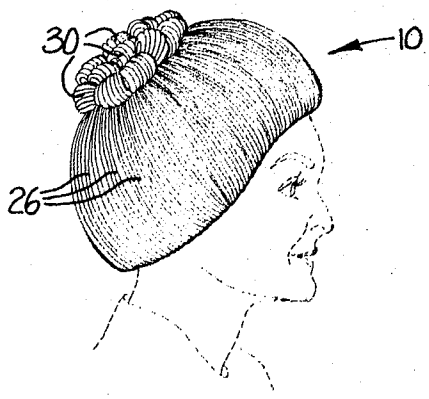


Fig-9

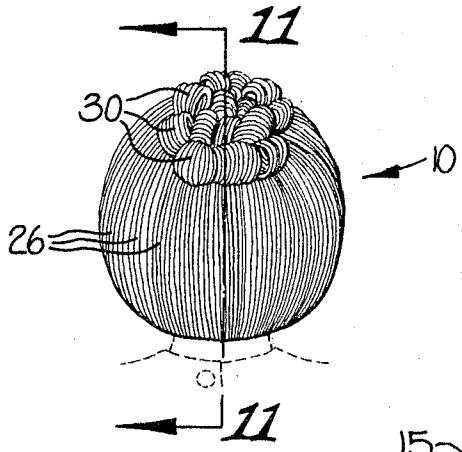


Fig-10

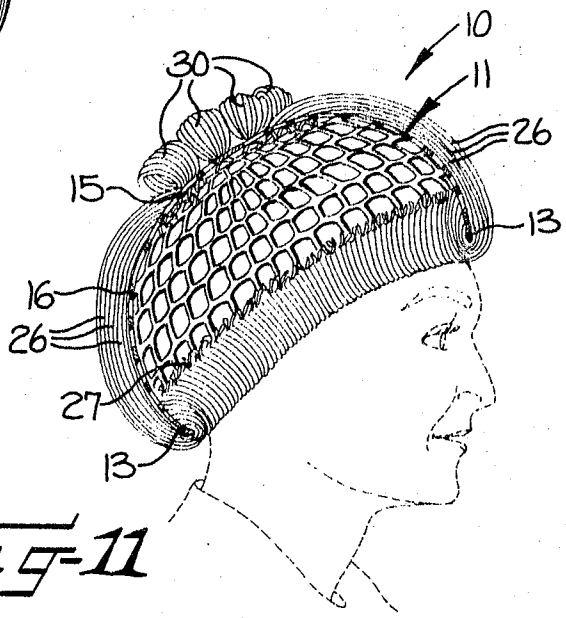


Fig-11

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HEAD COVER

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Filed Apr. 4, 1967, Ser. No. 628,395

Int. Cl. A41g 3/00, 5/00

U.S. Cl. 132—53 4 Claims

ABSTRACT OF THE DISCLOSURE

A head cover for wear by a person and including a base shaped to provide a head receiving pocket, and groups of twisted textile yarns of relatively coarse count secured to the base and arranged relative thereto in a predetermined manner suggestive of a hair style, with the groups being in the form of coils of yarn suggestive of curls of hair, or in the form of substantially vertically extending lengths of yarn suggestive of hair arranged in buoffant styles, or in combinations thereof.

This invention relates to a head cover. More particularly, it relates to a head cover for wear by a person over the hair and presenting an exterior surface to the view which is suggestive of a hair style.

Head covers of this type have a variety of uses. Classically, such head covers are worn, particularly by women, to enable them to change the appearance of their hair color and style at whim. Among other areas of utility thereof is the temporary concealment in an attractive manner of the natural hair when in disarray, as for example when it has been wind blown or wetted by rain, or wetted at a swimming pool, beach or the like. Similarly, it is frequently necessary for women to prepare their natural hair for special occasions, as by rolling it on curlers, etc. Rather than appear in public with the curlers on display, it is usually preferred to conceal them from view, and the head cover of the present invention is well suited to this purpose.

Head covers for these and similar purposes have been constructed in the past. However, such previous constructions have invariably employed either human hair or a fibrous material chosen for its close resemblance thereto to cover the exterior surface, and such materials have but little inherent body. Because of this, these previous constructions have significant drawbacks when used as aforesaid. For example, the hair-imitative portions of such constructions are as readily affected by the elements as is natural hair, e.g., they may easily be blown into disarray by the wind. Moreover, it is necessary with such constructions that the hair-imitative portions thereof be carefully tended in a manner similar to that necessary with natural hair. In point of fact, it is the usual custom for such head covers to be sent to beauty salons for washing, setting, waving, etc., which entails significant expense.

The more utilitarian uses of such head covers, as described above, have recently been enlarged upon by the novelty-conscious, particularly teenagers, and it is now a fad with them to selectively wear different head covers of different and distinctive colors and hair styles, chosen to accent the color and style of their clothing. Because of the meticulous and expensive care required for the maintenance of conventional head covers, this fad has heretofore been limited in its spread. With the advent of the present invention, the fad has become increasingly popular, as it has come within the means of an increasing number of adherents.

It is an object of this invention to provide a head cover for wear by a person over the hair and presenting an exterior surface suggestive of a hair style, which head

cover avoids the problems and drawbacks of head cover heretofore known.

It is a more specific object of this invention to provide a head cover of the type aforesaid which is simple and economical of construction and which is easily maintained in an attractive appearance without incurring undue maintenance expense.

Some of the objects of the invention having been stated, other objects will appear as the description proceeds, when taken in connection with the accompanying drawings, in which:

FIGURES 1, 2, and 3 are front, side and rear views, respectively, of a head cover according to the invention as it appears when worn by a person;

FIGURE 4 is a diagrammatic view in front perspective of a tubular blank for making a base for the head cover;

FIGURE 5 is a view similar to FIGURE 4, showing the blank formed into a base for the head cover;

FIGURE 6 is a perspective view of a soil of yarn suggestive of a curl of hair, according to one embodiment of the invention;

FIGURES 7 and 8 are views similar to FIGURE 6, showing coils of yarn according to other embodiments;

FIGURES 9 and 10 are side and rear views, respectively, of a head cover according to another embodiment, as it appears when worn by a person; and

FIGURE 11 is a sectional view, taken substantially along line 11—11 of FIGURE 10.

Referring now more specifically to the drawings, a head cover according to the present invention is generally designated **10** in FIGURES 1, 2 and 3, where it is shown as it appears when worn by a person. Head cover **10** includes a base **11** shaped to form a head-receiving pocket **12** which generally conforms to the configuration of the cranial portion of the head of the wearer.

Base **11** may be formed in any desired manner. Preferably, and as illustrated in FIGURES 4 and 5, it may be formed by first crocheting yarns into a tube of open mesh fabric extending from a lower edge **13** of the tube to an upper edge **14** thereof. Upper edge **14** is then unitarily joined to close the upper end of the tube, and to thereby form the upper portion **15** of pocket **12**.

Preferably, and as illustrated, the fabric of base **11** is of considerably tighter mesh adjacent lower edge **13** than it is in the remaining portion thereof, so that lower edge **13** is reinforced for resiliently holding head cover **10** in place on the wearer's head.

Numerous alternative modes of producing base **11** will be readily apparent to those skilled in the art, and it is intended that such alternative modes be included herein. By way of example, base **11** could be molded, knitted, woven, braided, or felted. In a specific example, a tubular blank therefor could be warp knitted on a double bed Raschel knitting machine, such as that shown in U.S. Patent No. 3,299,674 issued Jan. 24, 1967 to W. H. Scheibe.

Preferably, base **11** is formed from a twisted textile yarn, which may be of any natural fiber, such as cotton or wool, or of any synthetic fiber, such as rayon, nylon, acetate, etc.

In order that the yarn of base **11** might match with the hair-imitative portions of head cover **10** as described hereinafter, it is preferred that such yarn be of relatively coarse count, i.e., relatively large in diameter, and that it be dyed to match the color of the hair-imitative portions hereinafter described.

In order to provide a covering of hair-imitative portions for head cover **10**, a plurality of groups of textile yarns are secured to the outer surface **16** of base **11**, substantially covering the surface **16** to conceal it from view. The yarn used in these groups is a twisted textile

yarn, preferably of relatively coarse count, and may be of any suitable fiber such as cotton, wool, rayon, nylon, acetate, etc.

Unlike the fine filaments of human hair or fibrous materials chosen for its close resemblance thereto used in head covers as heretofore constructed, such yarn has substantial dimensional stability, or body. Thus, when secured to the base **11**, it is not readily subjected to disarray by such things as wind, humidity and the like. Instead, it will tend to remain in whatever arrangement it is in when secured to base **11**. Accordingly, the need for meticulous and expensive care thereof is minimal.

Each of the groups of yarns may be in any of a variety of configurations. In the hair style illustrated in FIGURES 1–3 two different configurations of groups of yarn are employed, and they are arranged relative to the base **11** in a manner suggestive of a hair-style including curl-suggestive portions.

The two configurations of groups of yarn employed therein are shown in respective detail in FIGURES 6 and 7. In the configuration of FIGURE 6, a plurality of loops of yarn are formed into a relatively large diameter coil **17**, which coil is tied to base **11** by tie strands **20** secured to coil **17** at diametrically opposite points thereon. In the configuration of FIGURE 7, a plurality of loops of yarn are formed into a coil **21** which is of somewhat smaller diameter than coil **17**. Coil **21** is secured to base **11** by a tie strand **22** secured to the coil at a single point on its periphery.

As best shown in FIGURES 1–3, several coils **17** and several coils **21** may be arranged on base **11** in any desired manner, and collectively comprise a covering or hair-imitative portion for head cover **10** which is suggestive of an attractive hair style, covering the outer surface **16** of base **11** and concealing it from view. Coils **17** and **21** when so arranged are suggestive of curls of hair in the hair style.

The curl-suggestive coils of yarn may be formed in other manners. As shown in FIGURE 8, a coil **23** may comprise an intermediate foundation **24** having a plurality of loops or tufts **25** of twisted textile yarn secured thereto as by being tufted therethrough. Loops **25** may be cut to display a plush surface, or may be uncut as illustrated to display a looped surface, as desired. Adidtionally, intermediate foundation **24** may be cut into any desired shape or size, and secured to base **11** in any desired arrangement and in any suitable manner, as by being stitched thereto or by being adhesively bonded thereto. Thus, the appearance of various distinctive curly hair styles may be suggested by selectively arranging coils **23** on base **11**, either alone or in various combinations with others of the groups of yarn such as coils **17** or **21**.

In addition to the curly hair styles described above, the hair-imitative portions of the head cover **10** may be formed to suggest other types of hair style. For example, as best shown in FIGURES 9–11, the groups of yarn arranged on the outer surface **16** of base **11** may each comprise a plurality of predetermined lengths of twisted textile yarn arranged in a manner suggestive of a bouffant hair style. To this end, each length of yarn **26** in the groups of yarns of FIGURES 9–11 is secured by its lower end to the inner surface **27** of base **11** adjacent the lower edge **13** thereof, and extends substantially vertically upwardly therefrom, over the outer surface **16** of base **11**, to the upper portion **15** thereof, where the other end of each yarn **27** is secured to base **11**. Preferably, a plurality of coils **30** of yarn, which may be like any of the coils

17, **21** or **23** hereinbefore described, are secured to the upper portion **15** of base **11**, overlying the upper ends of the yarns **26** in the bouffant groups to conceal these ends from view.

The groups of yarns forming the hair-imitative portions of head cover **10** may be of any desired color. Preferably, the color thereof is the same as the color of the yarn forming base **11**. Where the yarn of the base **11** is the same type of yarn as that of the hair-imitative portions, as is preferred, then the entire head cover **10** may be fabricated in the greige, and then dyed as a completed unit so that the color may be uniform throughout.

In the drawings and specification there have been set forth preferred embodiments of the invention and, although specific terms are employed, they are used in a generic and descriptive sense only and not for purposes of limitation, the scope of the invention being defined in the claims.

I claim:

1. A head cover adapted to be worn on a person's head as a wig or in simulation of hair, said head cover comprising:

a fabric base shaped to conform to the top and back of a person's head and having a head receiving pocket therein, and

a covering for said base comprising groups of twisted textile yarns secured to said base and substantially covering and concealing the same and arranged relative thereto and relative to each other in a predetermined manner suggestive of a hair style, at least some of said groups of twisted textile yarns each comprising a coil yarn and said coils being suggestive of hair arranged in curls.

2. A head cover according to claim **1** wherein each coil comprises a plurality of loops of yarn and said coils substantially cover said base.

3. A head cover according to claim **1** wherein each coil comprises an intermediate foundation secured to said base and a plurality of tufts of yarn secured to said foundation.

4. A head cover according to claim **1** wherein at least some of said groups each comprises a plurality of predetermined lengths of yarn, with each length of yarn being secured to the inner surface of the base at one end thereof and to the outer surface of the upper portion of the base at its other end whereby said lengths of yarn extend sustantially vertically from the lower edge to the upper portion of said base and over the outer surface thereof in a manner suggestive of a bouffant hair style, and wherein said coils of yarn are secured to the upper portion of the base overlying the other ends of said lengths of yarn to conceal these ends from view.

References Cited

UNITED STATES PATENTS

300,938	6/1884	Beck	132—53
431,837	7/1890	Borden	132—53
1,030,996	7/1912	Goodman	132—49
2,372,330	3/1945	Loewensohn	132—49
2,393,064	1/1946	Robinson	132—53

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