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S. J. GOLDMAN

2,438,005

WIG CONSTRUCTION

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Fig. 1.

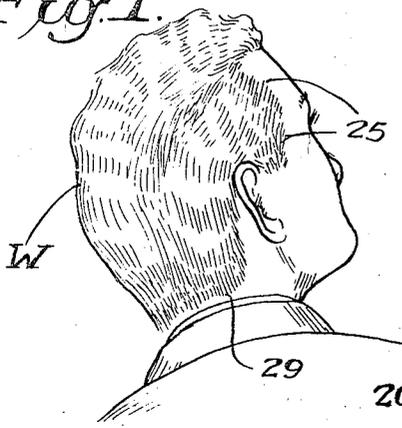


Fig. 3.

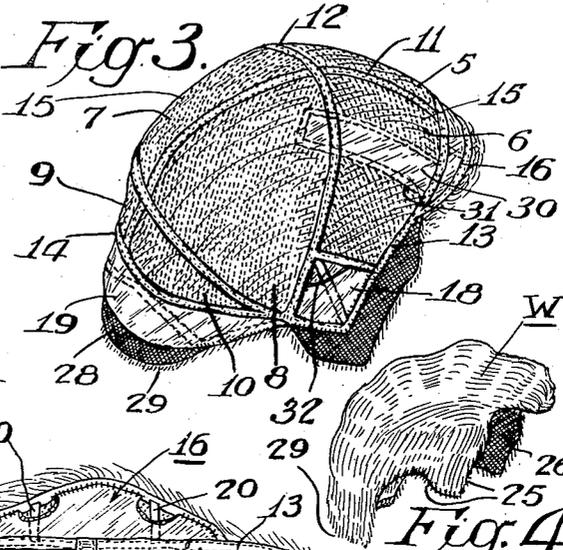


Fig. 4.

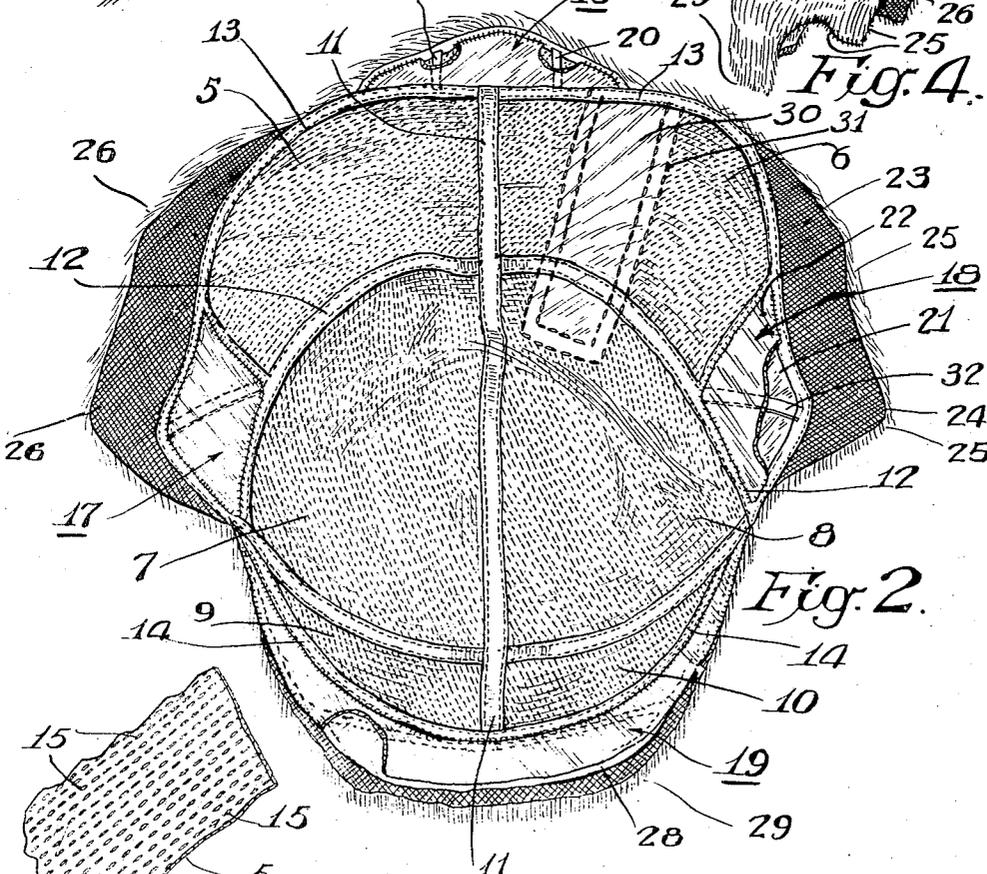


Fig. 2.

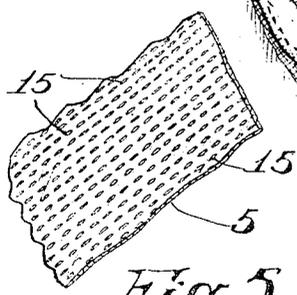


Fig. 5.

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WIG CONSTRUCTION

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8 Claims. (Cl. 132—53)

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The present invention relates to men's wigs and it relates more particularly to a new and useful construction for men's wigs which permits the wigs to be worn comfortably for a period of several days or a week without removal.

An object of the present invention is to provide a new and comfortable construction for men's wigs. Another object of the present invention is to provide a construction for men's wigs which can be worn comfortably for a period of several days or a week without removal. Still another object of the present invention is to provide a man's wig which is light and comfortable and natural in appearance and which can be worn, without removal, for an extended period of time. A further object of the present invention is to provide a man's wig which is particularly adapted for war veterans who not only have lost their hair but also have lost the use of their hands so that they themselves are not capable of applying a wig and, instead, require the assistance of friends or relatives who may be available only once a week or so, for example, on Sundays.

Other objects and advantages of the present invention are apparent in the following detailed description, appended claims and accompanying drawings.

One of the tragedies of modern warfare is the fact that very many young men have been severely burned about the head and have lost their hair. Among the principal rehabilitation problems for veterans who have been wounded in this manner is the provision of natural and life-like wigs which are comfortable and easy to apply and which will remain in place for a long period of time so that they can be worn night and day. The problem is a particularly serious one where the veteran, in addition to having lost his hair, has also lost use of his hands so that he, himself, is unable to apply a wig. In cases of this nature, it has been found highly desirable, in improving the morale of the veteran, if a relative or friend can affix the wig for him. Inasmuch as such relatives or friends are frequently available only on week-ends, it is highly desirable to provide a wig which can be applied and worn continuously, without removal, for a week or so. In order to make this possible, it is necessary that the wig be light-weight and extremely comfortable as well as being capable of firm affixation.

Accordingly, the present invention contemplates the provision of a new and useful type of man's wig, adapted particularly to meet the problems outlined above.

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Generally speaking, in obtaining these objects, I may provide a wig construction which eliminates the uncomfortable spring-tensioned binding ribbon usually provided adjacent the nape of the neck in conventional wigs, in order to maintain the wig in place. My novel wig construction, as will be more fully described hereinbelow, also eliminates the uncomfortable, relatively stiff steel stays usually required at various points in conventional wig constructions heretofore employed. The wig of the present invention is formed generally on a base of closely-woven silk fabric which is light-weight, comfortable, durable, relatively shrink-proof and natural in appearance. The base is also provided with relatively small portions constructed of fish-skin or other suitable water-proof material to which a suitable adhesive can be applied in order to maintain the wig in proper position upon the head.

For the purpose of illustrating the invention, there is shown in the accompanying drawing one form thereof which is at present preferred, although it is to be understood that the various instrumentalities of which the invention consists can be variously arranged and organized and that the invention is not limited to the precise arrangements and organizations of the instrumentalities as herein shown and described.

Referring to the accompanying drawings in which like reference characters indicate like parts throughout:

Figure 1 represents a rear view of a man's head with a wig in place.

Figure 2 represents a plan view of the inside of the wig with portions broken away for purposes of illustration.

Figure 3 represents a perspective view of the inside of the wig, the wig being turned inside out for purposes of illustration.

Figure 4 represents a perspective view of the wig by itself.

Figure 5 represents a perspective view of a portion of the lining on a greatly enlarged scale.

One embodiment of the improved man's wig of this invention is made as follows. The wig is designated in general by the reference character W in the drawings.

A base or scalp-engaging layer is formed of six parts 5, 6, 7, 8, 9, and 10. These parts are each joined at two of their edges to two of the adjacent parts by tapes or bands, shown at 11 and 12, which are stitched to the edges of the parts. These parts are so formed and so joined together by the tapes or ribbons 11 and 12 that they form a layer which closely fits or engages

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the scalp of the wearer. This scalp-engaging layer is conveniently made of closely woven, silk fabric or gauze, which does not have perceptible meshes or perforations in it. The outer or free edges of the front parts 5 and 6 and the outer or free edges of the rear parts 9 and 10 are finished by being seamed or covered with a narrow ribbon or braid 13 or 14, similar to the tapes or ribbons 11 and 12.

Figure 5 shows on a greatly enlarged scale a small portion of the inner or under side of one of the scalp-engaging parts, for example, the right front part 5. Human or artificial hair is fastened to the scalp-engaging layer by being passed through the cloth in loops visible from the inside at 15. One or three hairs are passed through a single hole, the loop being visible from the interior at 15, and a knot is formed in the hairs on the outer side so as to hold the hair in position. Figures 1 and 4 show that these strands or hairs can be arranged in any desired pattern, for example, as shown in Figure 5, suitable portions of the hair 15 are arranged in straight rows as they would naturally appear on the head of a person.

To secure the wig to the head of the user, Figure 2 shows that the wig has a front attaching part 16, of generally crescent shape, a pair of side attaching parts 17 and 18, of generally diamond shape, and a rear attaching part 19, of generally crescent shape. Each of these attaching parts 16, 17, 18 and 19 is secured to one or more of the adjacent scalp-engaging parts by means of tapes or ribbons similar to those shown at 11, 12, and 14. The outer or free edges of these attaching parts are likewise finished or bound by means of narrow tapes or ribbons similar to the tapes or ribbons just mentioned. These attaching parts 16, 17, 18 and 19 can readily be made of a double layer of "fish skin" which is adapted to have adhesive applied to it and removed from it whenever it is necessary to put on or take off the wig. The front attaching part 16 has been broken away to show two short, relatively yielding steel stays 20, which are located between the two layers of fish skin and serve to hold the attaching part flat against the forehead of the wearer of the wig. Figure 2 shows in greater detail the side attaching part 18 which is a duplicate of the side attaching part 17 so that but one need be described. The outer layer 22 of fish skin of the attaching part 18 is broken away to show the inner layer of fish skin 21. Between the layers of fish skin 21 and 22, there is a stay 32 of yielding steel or other material which serves to hold the attaching part 18 of the wig flat against the head of the user above and in front of his ears. A layer 23 of open mesh netting or other material having large openings or perforations therein is connected to the attaching part 18 and the adjacent scalp-engaging part 6 and has a free, unfinished edge 24 projecting beyond it. On the outer side of this layer 23 of mesh or netting is attached short hair 25 which projects beyond it a slight distance so as to lie flat against the head of the user or wearer of the wig and give a very natural appearance. Figure 2 shows that a similar layer of open mesh material 26 having hair projecting beyond the edges thereof is attached to the attaching part 17. Likewise the rear attaching part 19 has a layer of open mesh material 28 with short hair 29 projecting beyond its edges.

The wig is provided with a simulation of a

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parting line or part in the hair on the outer surface. This simulation is formed of a strip 30 of closely woven silk gauze or the like, which is secured to the outer surface of the scalp-engaging parts 6 and 8 by rows of stitching indicated at 31. The strip 30 has, secured to its outer surface, a plurality of hairs arranged in rows as they would appear on the head of a person and extending in opposite directions to form a parting line or part between them. Since the fabric of which the strip 30 is formed is imperforate as it appears to the eye of the observer, it looks exactly like the skin of a person with the hair parted therefrom to expose it.

The wig is secured to the head of the user by means of adhesive placed between the attaching parts 16, 17, 18 and 19 and the head of the wearer. This adhesive may either be liquid or in the form of adhesive tape, conveniently supplied coated on both sides and covered with a layer of detachable gauze for protection. Individual strips of this adhesive tape are placed on the double fish-skin portions so that the adhesive lies between the front attaching portion 16, the side attaching portions 17 and 18, and the ends of the rear attaching portion 19, and the head of the user. In addition, a liquid adhesive is applied over the central portion of the rear attaching part 19 which covers the nape of the neck of the wearer of the wig. The wig is thus caused to adhere, closely and in a lifelike manner, to the head of the user, but nevertheless the wig does not bind nor constrict the head and therefore is comfortable enough so that it can be worn over night or for periods of a week or so without removal.

The present invention may be embodied in other specific forms without departing from the spirit or essential attributes thereof, and it is therefore desired that the present embodiments be considered in all respects as illustrative and not restrictive, reference being had to the appended claims rather than to the foregoing description to indicate the scope of the invention.

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

1. A man's wig for covering the whole scalp including, a scalp covering portion of relatively closely woven fabric having hair attached to it, a plurality of fastening portions each comprising at least two layers or plies of fish skin, the front fastening portion being small and curved to conform generally to the forehead hair-line the rear fastening portion being large and of generally crescent shape, said fastening portions being adapted to have a layer of adhesive placed between them and the scalp of the wearer of the wig, and a layer of open mesh netting overlying at least one of said fastening portions and having an unfinished edge projecting outwardly beyond said fastening portion, said open mesh netting being covered with hair extending beyond the edge thereof so as to lie naturally against the head of the wearer of the wig.

2. A masculine wig covered with short hair comprising a substantially hemispherical scalp portion of closely woven silk fabric covered with hair, a pair of side fastening portions at either side of said scalp portion so as to be located in front of the ears, a forehead fastening portion attached at the middle of the front of the scalp portion, and a nape fastening portion connected to the rear of the scalp portion and extending substantially from one side fastening portion to the other, said forehead and side fastening por-

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tions being formed of at least two layers of fish skin, a layer of open mesh netting overlying at least one of said fastening portions and having relatively short hair attached to it and projecting beyond it generally parallel to the plane of the netting so that the hair lies closely against the head of the user in a natural manner.

3. A short-haired wig comprising a body portion of closely woven fabric shaped to conform substantially to the scalp and covered on its outer surface with hair, a pair of side fastening portions each attached at a portion of its edge directly to a portion of the edge of said body portion, each of said portions having a reinforcement therein extending substantially vertically, a front fastening portion attached along one edge to a portion of the front edge of said body portion and having its free edge curved to conform generally to the forehead hair-line, a rear fastening portion attached along one edge to the rear edge of said body portion and having its free edge curved generally convexly, said side and front fastening portions being formed of at least two layers of fish skin, and a layer of open mesh netting overlying at least one of said fastening portions and covered on its outer surface with hair which extends beyond the edge of the netting so as to lie naturally against the head of the wearer of the wig.

4. A natural-looking close-fitting masculine wig covered with short hair comprising a scalp-fitting portion formed of a plurality of segments, each segment being attached to two others at two of the edges of said segment and having its free edge bound with a flat braid or tape, said attaching seams being likewise covered with a flat braid or tape, said scalp-engaging portions all being formed of closely woven light weight fabric, a plurality of spaced attaching parts connected at a portion of their edges to a portion of the edges of said scalp-engaging parts and formed of a material suitable to have an adhesive attached thereto and detached therefrom when necessary to wear or take off the wig, a layer of open mesh netting covering at least one of said attaching parts and having an unfinished edge extending beyond the free edge of said attaching part, and closely lying projecting hair having free ends extending beyond the unfinished edge of said netting and lying closely adjacent the head of the wearer of the wig so as to provide a natural appearance.

5. For covering the entire scalp of the wearer, a man's wig comprising a generally cup-shaped main body portion of relatively closely woven fabric or the like having hair attached thereto, side fastening portions affixed to the edges of said main body portion and extending downward therebeyond so as to lie in front of the ears of the wearer, said side fastening portions being formed of a multi-ply construction, at least one of the plies being of a generally waterproof material, and a layer of open mesh netting overlying each of said side fastening portions and extending therebeyond to approximate the normal side hair-line, the free edge of said netting being unfinished, said netting being covered with hair lying generally flat thereagainst, the outermost hairs extending beyond the unfinished edge of the netting so as to lie naturally against the head of the wearer.

6. For covering the entire scalp of the wearer, a man's wig comprising a generally cup-shaped main body portion of relatively closely woven fabric or the like having hair attached thereto,

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a rear fastening portion of generally crescent shape affixed to the main body portion and constructed and arranged to extend generally from ear to ear of the wearer, said rear fastening portion being of multi-ply construction, at least one of the plies being formed of relatively thin waterproof material, and a layer of open mesh netting overlying said rear fastening portion and extending downwardly therebeyond, said netting being covered with hair, the lowermost hairs extending beyond the edge of the netting so as to lie naturally against the neck of the wearer.

7. For covering the entire scalp of the wearer, a man's wig comprising a generally cup-shaped main body portion of relatively closely woven fabric or the like having hair attached thereto, side fastening portions affixed to the edges of said main body portion and extending downward therebeyond so as to lie in front of the ears of the wearer, said side fastening portions being formed of a multi-ply construction, at least one of the plies being of a generally waterproof material, a layer of open mesh netting overlying each of said side fastening portions and extending therebeyond to approximate the normal side hair-line, the free edge of said netting being unfinished, said netting being covered with hair lying generally flat thereagainst, the outermost hairs extending beyond the unfinished edge of the netting so as to lie naturally against the head of the wearer, a rear fastening portion of generally crescent shape affixed to the main body portion and constructed and arranged to extend generally from ear to ear of the wearer, said rear fastening portion being of multi-ply construction, at least one of the plies being formed of relatively thin waterproof material, and a layer of open mesh netting overlying said rear fastening portion and extending downwardly therebeyond, said netting being covered with hair, the lowermost hairs extending beyond the edge of the netting so as to lie naturally against the neck of the wearer.

8. For covering the entire scalp of the wearer, a man's wig comprising a generally cup-shaped main body portion of relatively closely woven fabric or the like having hair attached thereto, side fastening portions affixed to the edges of said main body portion and extending downward therebeyond so as to lie in front of the ears of the wearer, said side fastening portions being formed of a multi-ply construction, at least one of the plies being of a generally waterproof material, a layer of open mesh netting overlying each of said side fastening portions and extending therebeyond to approximate the normal side hair-line, the free edge of said netting being unfinished, said netting being covered with hair lying generally flat thereagainst, the outermost hairs extending beyond the unfinished edge of the netting so as to lie naturally against the head of the wearer, a rear fastening portion of generally crescent shape affixed to the main body portion and constructed and arranged to extend generally from ear to ear of the wearer, said rear fastening portion being of multi-ply construction, at least one of the plies being formed of relatively thin waterproof material, a layer of open mesh netting overlying said rear fastening portion and extending downwardly therebeyond, said netting being covered with hair, the lowermost hairs extending beyond the edge of the netting so as to lie naturally against the neck of the wearer, a front fastening portion fastened to the front of the main body portion and hav-

ing its free edge curved to correspond generally with the normal forehead hair-line, said front fastening portion being covered with hair and being of a multi-ply construction, at least one of said plies being of relatively thin waterproof material, all of said fastening portions being constructed and arranged to permit the application of adhesive to the underside thereof, for affixation to the head of the wearer.

SAMUEL J. GOLDMAN. 10

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The following references are of record in the file of this patent:

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