Nov. 4, 1969 A. ZAUPA 3,476,122

HAIRPIECE

Filed Nov. 29, 1967 3 Sheets-Sheet 1

Fig. 1

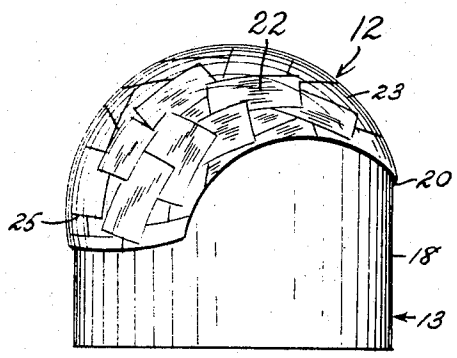


Fig. 2

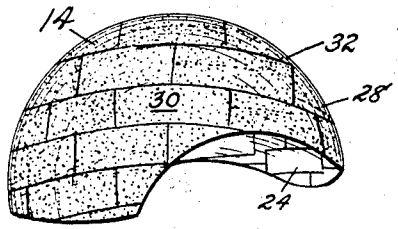
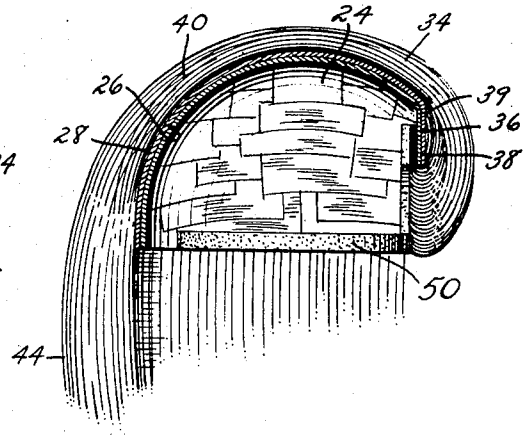


Fig. 4



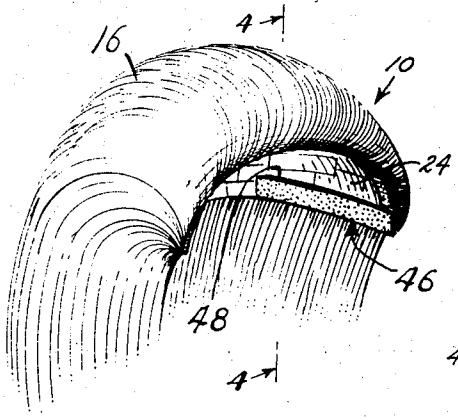


Fig. 3

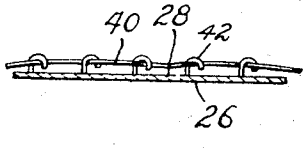


Fig. 5

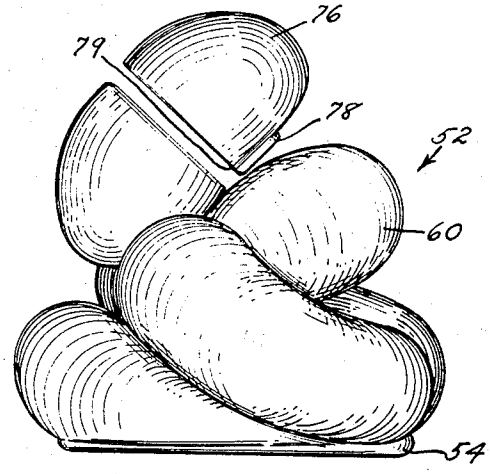


Fig. 6

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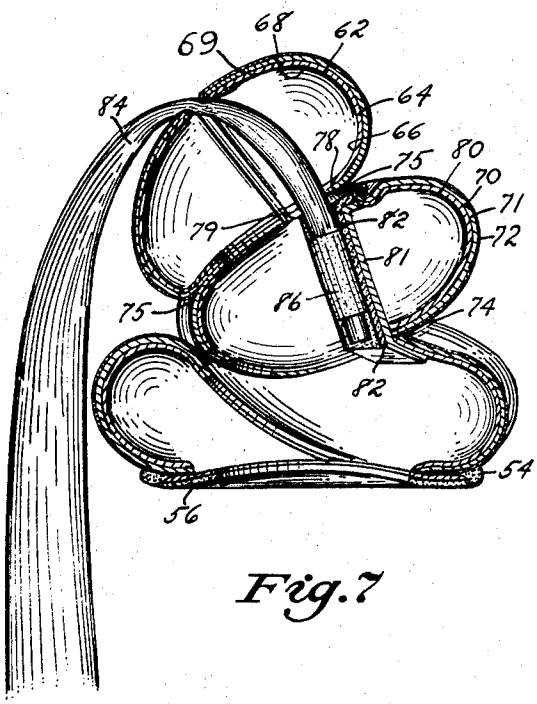


Fig. 7

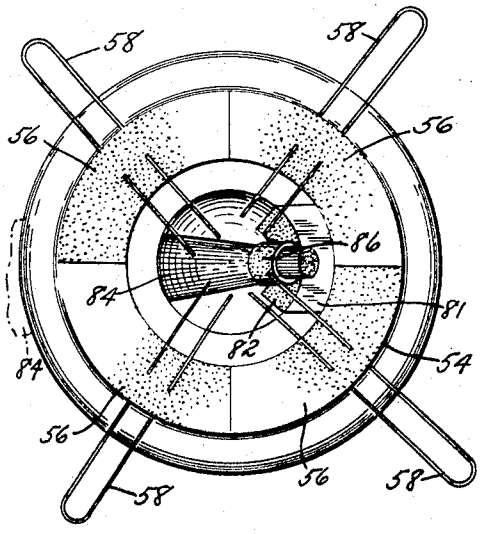


Fig. 8

Fig. 9

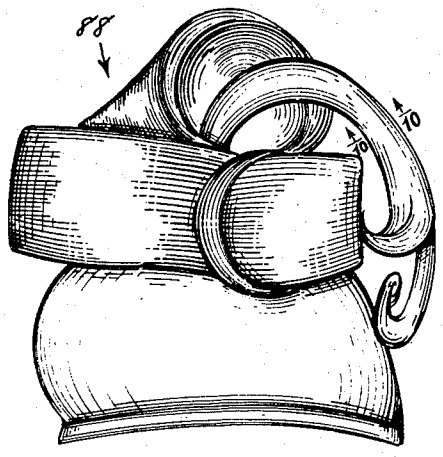
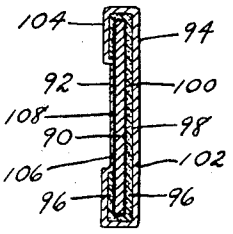


Fig. 10



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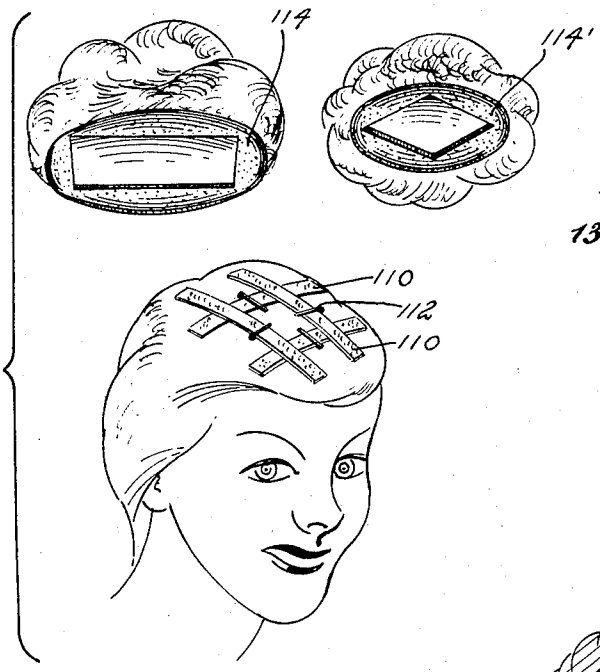


Fig. 11



Fig. 12

Fig. 13

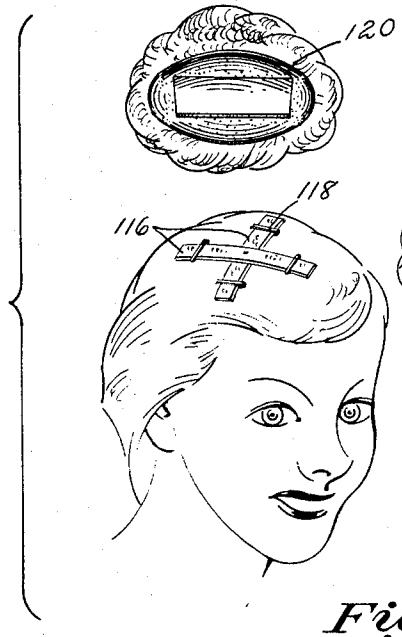


Fig. 14

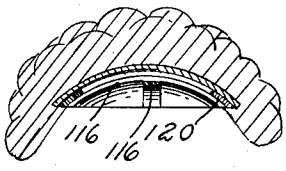


Fig. 16



Fig. 15

United States Patent Office 3,476,122 Patented Nov. 4, 1969

3,476,122

HAIRPIECE

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Continuation-in-part of application Ser. No. 342,367, Feb. 4, 1964. This application Nov. 29, 1967, Ser. No. 686,510

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

U.S. Cl. 132—53 10 Claims

ABSTRACT OF THE DISCLOSURE

Wigs utilizing Velcro stripping. A strip of Velcro is secured to the head of a user and adheres to a mating strip attached to the base of the wigs. The wig may come in different sections which are detachably adhered to each other by Velcro stripping. The wig may be built of preshaped form covered with contoured Velcro stripping in which hair is intertwined.

This invention relates to hairpieces, and more particularly to hairpieces utilizing Velcro strips in the construction thereof.

This application is a continuation-in-part of my patent application, Serial No. 342,367, filed Feb. 4, 1964, now abandoned entitled Hairpiece With Hook Surface.

Presently, hairpieces are fabricated by inserting hair strands into a head cap. The hair is then styled and worn when desired. Just as with the regular head of hair, it is necessary to clean and reset the hair to maintain the chosen style. This becomes expensive, and while the hairpiece is being reset, the user must do without it.

Accordingly, it is among the principal objects of the present invention to provide a new and useful hairpiece which does not require repeated permanents and settings to retain the hair style.

Another object of the present invention is to provide a hairpiece of the character described which will be inexpensive to maintain.

A feature of the present invention lies in the utilization of "Velcro" strips in the construction of the hairpiece.

Other objects, features, and advantages will become apparent to those skilled in the art upon careful consideration of the following detailed description of a preferred embodiment of the invention taken in conjunction with the accompanying drawings in which:

FIGURE 1 is a side perspective view of a head conforming member being fashioned upon a head shape mold;

FIGURE 2 is a side perspective view of the head conforming member with Velcro strips secured to the outer surface;

FIGURE 3 is a perspective view of the head conforming member with hair strands in place, forming a completed hairpiece;

FIGURE 4 is a cross-sectional view as seen from the plane 4—4 on FIGURE 3;

FIGURE 5 is a greatly enlarged fragmentary sectional view showing a hair strand entangled in the hooks on a Velcro strip;

FIGURE 6 is a side perspective exploded view of a second embodiment of the invention;

FIGURE 7 is a sectional view of the embodiment of FIGURE 6 with a pony tail hairpiece member detachably secured within the hairpiece and extending outwardly therefrom;

FIGURE 8 is a bottom plan view of the second embodiment with hairpins located in the base;

FIGURE 9 is a side perspective view of a third embodiment of the invention;

FIGURE 10 is an enlarged cross sectional view as seen from the plane 10—10 on FIGURE 9;

FIGURE 11 is an exploded, perspective view of a rectangular cap of crossing Velcro strips secured to the head of a user and mating hairpiece sections having mating fabric strips;

FIGURE 12 is a perspective view of the hairpiece positioned on the head of a user;

FIGURE 13 is a cross-sectional view as seen from the plane 13—13 of FIGURE 12;

FIGURE 14 is an exploded, perspective view similar to FIGURE 11, of the cross cap of two crossing Velcro strips;

FIGURE 15 is a perspective view of the hairpiece of FIGURE 14 on the head of a user, and

FIGURE 16 is a cross-sectional view as seen from the plane 16—16 of FIGURE 15.

This invention consists of a shape conforming member comprising strips of gauze, such as buckram. The strips may be shaped as desired and secured together by adhesive. Velcro strips are then secured to the outer surface of the shape conforming member. Hair strands are secured to the inner surface of the shape conforming member and are extended over the Velcro strips becoming entangled or otherwise closely adhering to the Velcro surface.

In accordance with a preferred construction of the invention there is shown a hairpiece **10** which broadly comprises a head conforming member **12**, a Velcro covering **14**, and hair strands **16** located thereon.

More particularly, the head conforming member is developed from a mold **13**, which may be made of plaster of paris, and has a base portion **18** and an upper portion **20** conforming to the desired head shape. The upper portion may be formed from a concave plastilene mold of a desired shape, which is then filled with the liquid plaster of paris. The head conforming member **12** is constructed of gauze strips **22**, such as buckram, and has an outer surface **23** and an inner surface **24**. The strips are fitted to the contours of the mold **13** and are secured together by means of an adhesive **25**, such as Dupont Duco cement.

The Velcro covering **14** has a base surface **26** and a hook surface **28**, and is secured in strips at the base surface by adhesive **32** to the upper surface **23** of the head conforming member.

The hair strands **34** are secured at their inner end portions **36** by adhesive **38** to the inner surface **24** of the gauze strips **22** as at **39**. The strands **34** have central portions **40** which become entangled in the Velcro hooks **42** (FIGURE 5), or otherwise are located closely to them. The outer end portions **44** hang free of the Velcro covering and may be styled as desired.

Located on the inner surface **24** of the head conforming members **12** are Velcro fabric strips **46** having a base surface **48** and a fabric surface **50**. These strips may be located at various positions and additional hairpieces having Velcro strips may be detachably secured thereto, al-

lowing a variety of styles to be developed from several basic hairpieces.

Turning to FIGURES 6–8 there is shown a second embodiment of the invention which may be characterized as a dual style hairpiece **52**. The hairpiece comprises a base member **54** with a protective gauze covering **56**, through which extend securing hairpins **58**; and styled hair portions **60**.

The hair portions comprise shape conforming members **62** constructed from buckram strips **64**. The strips have outer surfaces **66** and inner surfaces **68**, and are secured together by adhesive **69**. The hair portions **60** are shaped to form part of a contiguous hair style, rather than to conform to a head shape. The illustrated embodiment shows the hair portions styled in a "basic" shape. Velcro strips **70** are secured to the outer surfaces **66** of the strips **64** by adhesive **71**, as described above.

The hair strands **72** are entangled and closely cover the Velcro surfaces, the hair style being determined by the shape of the members **62**. The strands are secured to the members **62** at the inner portions **75** thereof, where the hair portions **60** are joined.

A section **76** of one of the hair portions **60** is detachably mounted to the hairpiece **52** and has a first exposed Velcro strip **78** on its undersurface **79**. Located in mating relation thereto is a fabric strip **80** on the upper surface of the underlying hair portion. Mounted within the hairpiece **52** is a base strip **81** having a second exposed Velcro strip **82** secured thereto.

When it is desired to change the hair style of the hairpiece **52**, the section **76** is removed and a detachable hair portion **84** having a fabric strip **86** at the inner end **87**, is detachably secured within the hairpiece, the strips **82** and **86** mating. The section **76** is then replaced, and the portion **84** gives the appearance of being an integral part of the hairpiece **52**.

FIGURES 9 and 10 serve to illustrate the versatility of the inventive construction with a delicately coiffured hairstyle **88**. FIGURE 10 shows a cross section of the shape of conforming member **90** with an inner surface **92** and an outer surface **94**. Secured to the outer surface by its base **96** is a Velcro strip **98** having a hook surface **100**. Hair strands **102** are entangled or are located in close proximity to the surface **100** with the hair ends **104** secured by adhesive **106** to the central portion **108** of the inner surface **92**.

Positioning of all the hairpieces may be easily accomplished by positioning a Velcro strip on the head and maintaining it there by hair clips (not shown). Then the hairpins **58** may be suitably located in the hook surface. Alternatively, positioning may be accomplished by providing a rectangular cap with angular indents at the corners, and having Velcro strips along the periphery. The cap is secured to the head by bobby pins at the apex of each indent. The hairpiece has mating fabric strips to attach to the Velcro strips (not shown). These means of securement greatly reduce the number of hairpins normally required to maintain a comparably sized hairpiece on the head.

A modification of the Velcro strip cap (FIGURE 11) comprises four crossing Velcro strips **110** secured to the head of a user by means of hairpins **112**. The hairpiece has mating fabric strips **114, 114'** which interengage with strips **110** (FIGURE 13) to secure the sections of the hairpiece to the user's head.

FIGURES 14–16 show a Velcro strip cap comprising two crossing Velcro strips **16** secured to the head by hairpins **118**. The strips interengage with the mating fabric strip **120** on the hairpiece.

I wish it to be understood that I do not consider the invention limited to the precise details of structure shown and set forth in the specification, for obvious modifications will occur to those skilled in the art to which the present invention relates.

What is claimed is:

1. A hairpiece comprising: a head conforming member, resilient hook strips comprising a hook surface and a base surface, the base surface secured to the head conforming member, hair strands secured to the head conforming member and entwined in the hook surface of the resilient hook strips.

2. A dual style hairpiece comprising a plurality of styled hair portions, the portions comprising shape conforming members defined by inner and outer surfaces and secured to each other, and the members further defining an opening into the interior of the hairpiece; a first set of resilient hook strips defined by base surfaces and hook surfaces, the base surfaces of the strip secured to the outer surfaces of the member; hair strands secured to the inner surfaces of the shape conforming members and entwined in the hook surfaces of the first set of resilent hook strips; a second set of resilient hook strips defined by base surfaces and hook surfaces, base surfaces of the second set secured to the outer surfaces of the shape conforming members; fabric strips having a base surface and a fabric surface secured to at least one of the shaped hair portions by the base surface, and detachably secured to other adjoining hook surfaces of the second set of resilient hook strips; a detachable hair portion, a fabric strip secured to the inner end of said hair portion and detachably engageable with the hook surfaces of the second set of resilient hook strips, the detachable hair portion being placed in the hairpiece, the opening defined by the shape conforming members, the detachable hair portions being replaceable in normal position.

3. An improved stylized hairpiece with a shape conforming member, the improvement comprising: a resilient hook strip having a base portion and a hook surface, the strip placed between the shape conforming member and the hair strands, the base surface adjacent the shape conforming member and the hook surface adjacent the hair strands, whereby the hair becomes entangled or remains in close proximity to the hook surfaces of the resilient hook strip, following the configuration of the shape conforming member.

4. In combination, a plurality of detachable hairpiece members with mating sets of abutting surfaces having resilient hook strips on one set of the surfaces, and fabric strips on the other set of the surfaces, the interengagement of the strips providing for detachable engagement of the hairpiece members.

5. In combination, the hairpiece member comprising a shape-conforming member having a base surface; means to secure a resilient hook strip to the head of the user with a hook surface disposed oppositely the surface adjacent the said head of the user, and means on the base surface of the shape conforming member to secure the hairpiece member to the resilient hook strip.

6. The invention according to claim **2**, the means to secure the hairpiece to the resilient hook strip comprising a fabric strip with a fabric surface and a base surface, the base surface secured to the base surface of the shape-conforming member and the fabric surface interengaging with the hook surface of the resilient hook strip.

7. The invention according to claim **2**, the means to secure the hairpiece to the resilient hook strip comprising at least one hairpin passing through the base surface and interengaging the hook surface of the resilient hook strip.

8. In combination, a hairpiece member having a base surface; a resilient hook piece securable to the head of the user with an exposed hook surface, and means on said base surface to removably attach the hairpiece member to the piece.

9. The invention according to claim **8**, the means to secure the hairpiece to the resilient hook piece comprising a fabric strip with a fabric surface and a base surface, the resilient hook piece including four crossing re-

silient hook strips, the base surface of the fabric strip secured to the base surface of the shape conforming member and the fabric surface interengaging with the hook surfaces of the resilient hook strips.

10. The invention according to claim **8**, the means to secure the hairpiece to the resilient hook piece comprising a fabric strip, with a fabric surface and a base surface, the resilient hook piece including two crossing resilient hook strips, the base surface of the fabric strip secured to the base surface of the shape conforming member and the fabric surface interengaging with the hook surfaces of the resilient hook strips.

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