Dec. 3, 1946. N. HOFFMAN 2,411,994

HAIR WAVING CAP

Filed Sept. 10, 1945

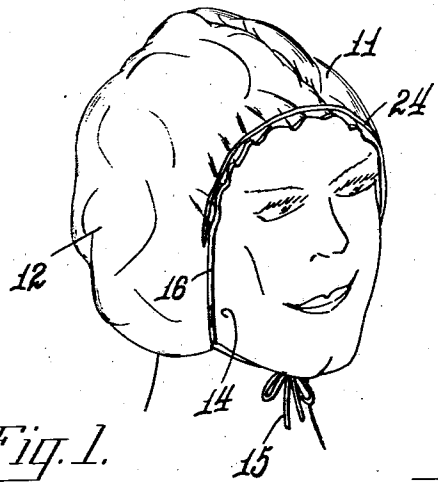


Fig. 1.

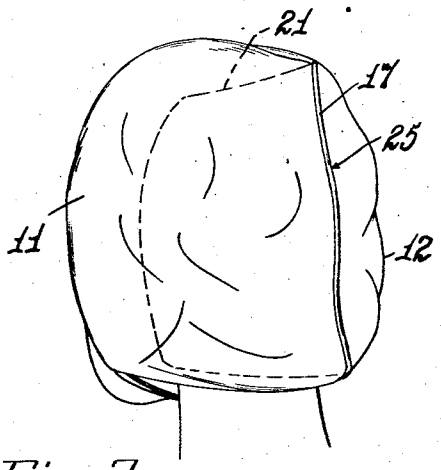


Fig. 2.

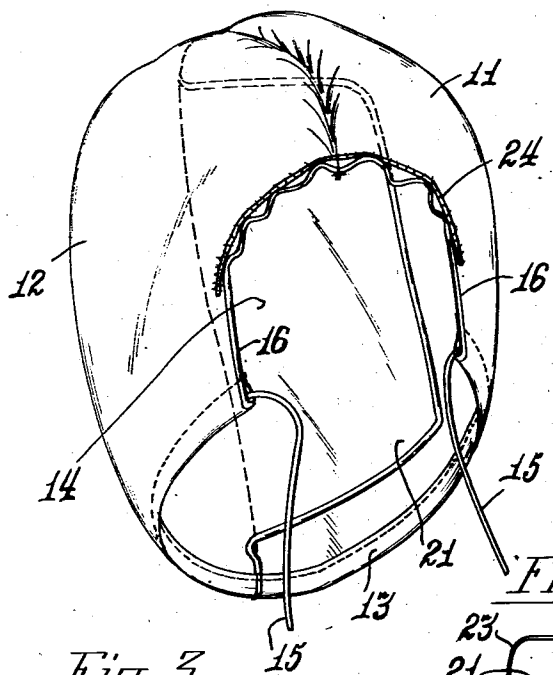


Fig. 3.

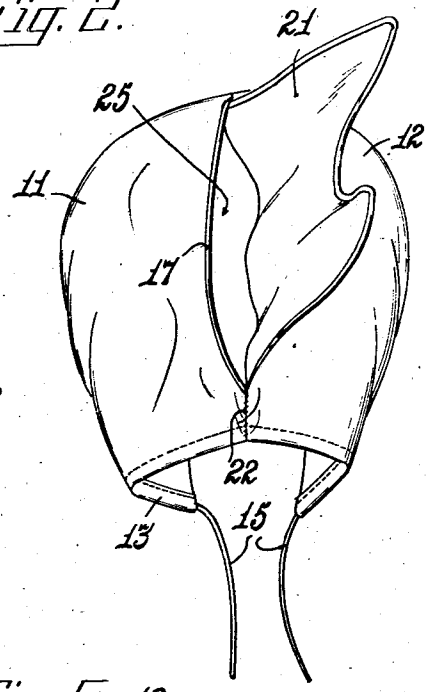


Fig. 4.

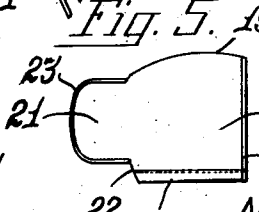


Fig. 5.

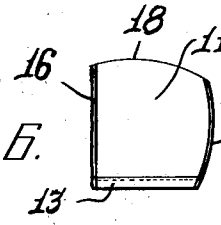


Fig. 6.

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HAIR WAVING CAP

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7 Claims. (Cl. 2—174)

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The invention relates to improvements in caps and more particularly to the novel construction of a hair waving cap primarily intended for use by the hair dressing profession.

Hair waving of the kind known as cold permanent waving or machineless waving is accomplished through a performance of a series of steps which involves first, the dividing of the hair on the head into a plurality of tresses. In cold permanent waving the individual hair tresses are wound firmly and secured upon curling rods either before or after saturating the tresses with a softening solution which is permitted to remain on the hair tress for a predetermined period of time determined by the texture of the hair being treated. Upon the expiration of such period of time a rinsing or neutralizing solution is applied to the resulting curls so as to neutralize the softening solution and set the curls. The curls then are removed from the rods. Obviously, if the curl is insufficiently treated it will not retain its intended shape and should the softening solution remain on the wound tress for too long a period of time the hair will become hard and brittle.

In order to retain the natural heat of the head within the region of the curls while the softening solution is acting thereon, the entire head is enclosed within a suitable covering such as a cap or hood. Owing to the impossibility of determining, with any degree of certainty, the length of time during which the solution is to remain on the curls, it is customary to test a curl after an estimated minimum time interval to ascertain whether or not additional treatment is required. This is accomplished by exposing at least one wound tress and unwinding said tress from the rod. If further conditioning is required the tress is rewound and replaced within the cap or hood. In those instances when the entire head is enclosed within a cap of known construction it, therefore, becomes necessary to remove said cap or at least to loosen it sufficiently to enable it to be shifted to expose one of the wound tresses for testing. Should the cap be removed or shifted during the testing operation most of the heat confined therein is lost and when the cap is replaced additional estimated time is required to restore the temperature within the cap to that required for further processing. It is, therefore, an object of the present invention to provide a hair waving cap with novel structural characteristics to enable access to be gained to a single wound tress for testing without uncovering the entire head or otherwise permitting confined heat to escape.

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Another object is to provide a hair waving cap with novel means normally sealing the cap against the loss of confined heat but which may be easily and quickly displaced so as to expose one or more wound tresses for testing.

Another object is to provide a hair waving cap embodying the novel structural features of the present invention which is not expensive to manufacture but which is very easy to use and highly practical and efficient in use.

Other and further objects of the present invention will be apparent from the following description and claims and are illustrated in the accompanying drawing which shows a preferred embodiment and the principle thereof and which is considered to be the best mode contemplated for applying that principle. Other embodiments of the invention embodying the same or equivalent principle may be used and structural changes may be made as desired by those skilled in the art without departing from the spirit of the present invention and the purview of the appended claims.

In the drawing:

Fig. 1 is a view illustrating the hair waving cap embodying the features of the present invention in use.

Fig. 2 is a view similar to Fig. 1, but viewed from the opposite direction.

Fig. 3 is a perspective view of the cap viewed from the front.

Fig. 4 is a view of the back side of the cap showing the flap withdrawn.

Fig. 5 is a view on a reduced scale of one of the two pieces of sheet material forming the body of the cap.

Fig. 6 is a view similar to Fig. 5 showing the other piece of sheet material.

The hair waving cap disclosed in the accompanying drawing is of a kind that will completely cover the head of the wearer leaving the face only exposed and it is fashioned from two cut pieces of sheet material such as, for example, a tough transparent or translucent flexible non-crinkly slightly elastic sheet of material impervious to the chemicals and heat used in the processes of cold permanent waving. It should be understood, however, that other sheet material, suitable for manufacture into caps of the kind disclosed herein, may be used without departing from the purpose of the present invention.

The cap is fashioned from two substantially like-shaped pieces of sheet material 11 and 12 (Figs. 5 and 6) suitably joined together along selected complemental edges to provide a hood or

cap of sufficient size to completely envelope the wound hair tresses on the head of the wearer. As best illustrated in Fig. 3, the completed cap has its bottom edge, or neck-line, provided with a continuous hem 13 opening onto the edges surrounding a face opening 14 formed on the front side of the cap. The hemmed bottom edge 13 of the cap is positioned around the neck of the wearer. A draw string 15, extended through the hem, is provided for drawing the bottom of the cap snugly around the neck to prevent the escape of heat confined within the cap during the hair waving process.

The piece of sheet material 11 forming a part of the cap is best illustrated in Fig. 6 and it is substantially rectangular in shape having the hem 13 on its straight bottom edge and suitable piping 16 and 17 on its substantially parallel side edges. The top edge 18 of said piece of sheet material may remain unfinished but, if desired, suitable piping (not shown) may be provided thereon. The other piece of sheet material 12 forming the improved cap is shaped substantially like the piece described hereinabove and is best shown in Fig. 5. As illustrated, the piece 12 includes the hemmed bottom edge 13 and piping 16 on one of its side edges. The top edge 19 of said piece of sheet material 12 preferably is left unfinished and a lateral extension or flap portion 21 is fashioned integral with and extends outwardly from the other side edge 22 of said piece. This flap or extension 21 is substantially co-extensive with the length of the side edge 22 but terminates short of the bottom end thereof and preferably its edges are suitably finished with piping 23.

The pieces of sheet material 11 and 12 are suitably joined together along selected complemental edges to form the cap. To this end, the piece 11 is laid in face to face contact over the similarly shaped portion of the piece of sheet material 12 and the complemental top edges 18 and 19 are joined together over their entire length as by means of a row of stitches. The edge portion 22 of the piece 12 likewise is stitched or otherwise secured to the complemental portion of the edge 17 of the piece 11, care being taken so as not to sew the hem 13 shut at the joining of the two sections inasmuch as such blocking off of the hem 13 would impair the operation of the draw string 15 therein. A piece of elastic 24 is sewn or otherwise secured to the upper medial portion of the marginal edge surrounding the face opening 14 so that the material within said portion is normally gathered or otherwise drawn together in such manner that the front edges of the cap will be drawn tightly around the face of the wearer to thereby insure a relatively snug fit around the entire body of wound tresses confined within the cap.

As has been noted hereinabove, the customary procedure while permanent waving hair on the human head is to select one of the wound tresses, after the waving process has continued for a predetermined period of time, and test it to determine whether or not further processing is required. The cap of the present invention is particularly provided with means to facilitate gaining access to one such wound tress without the necessity of loosening the cap or removing the same from all or part of the head. Accordingly, the greatest portion of the edge 17 of the piece of sheet material 11 is left unsecured to the companion piece of sheet material 12 so as to leave a slotted opening 25 extending upwardly substantially vertically on the back side of the cap from a point closely adjacent to the hemmed

bottom neck portion. This opening is of a length corresponding substantially to the width of the flap or extension 21 on the companion piece of sheet material 12. During the processing of the hair, the flap 21 is tucked into the slotted opening 25 so as to lie substantially against the inside face of the piece of sheet material 11. When it is desired to gain access into the cap for the purpose of testing a wound tress the flap 21 is withdrawn from the slotted opening 25, as best shown in Fig. 4, thus exposing at least one of the curls for examination.

It should be evident at this time that the cap embodying the features of the present invention is constructed in a non-expensive manner from sheet material and that it may be easily and quickly mounted in place over the head of the wearer; and further, that said cap embodies means whereby access to the interior thereof may be effected easily and quickly without disturbing the relative position of the cap on the head.

Although an exemplary form of hair waving cap has been illustrated in the accompanying drawing and described in detail in the foregoing specification, it should be understood that the invention is capable of embodying a wide variety of modifications in detail structure without departing from the spirit of the present invention or the scope of the appended claims.

I claim:

1. A head covering comprising a hood having a portion covering the top, sides, and back of the head and also the back of the neck, means to secure the hood in position about the neck of the wearer, the rear part of the neck covering portion being continuous, said hood having a slotted opening extending upwardly from a point inwardly of the area of the rear part of the neck covering portion, so as to admit access to the interior of the hood when it is in place on the head, and a closure flap for said slotted opening coextensive with one side edge of the slot, the lower edge portion of the closure flap being free.

2. A head covering comprising a hood having a portion covering the top, sides and back of the head and also the back of the neck, the rear part of the neck covering portion being continuous, a hem on the edge of the neck covering portion, means in said hem to secure the hood in position about the neck of the wearer, said hood being fashioned from two pieces of sheet material secured together along parts of their complemental edges to define a slotted opening extending upwardly from a point inwardly of the edge of the rear part of the neck covering portion so as to admit access to the interior of the hood when it is in place on the head, and a tuck-in closure flap for said slotted opening integral with one of the pieces and coextensive with one side edge of the opening, the lower edge portion of the closure flap being free.

3. A head covering comprising a hood having a portion covering the top, sides, and back of the head and also the back of the neck, means to secure the hood in position about the neck of the wearer, the rear part of the neck covering portion being continuous, said hood having a slotted opening extending upwardly from a point inwardly of the edge of the rear part of the neck covering portion, so as to admit access to the interior of the hood when it is in place on the head, and an extension of relatively large area defining a tuck-in flap for said slotted opening integral and coextensive with one side edge of

the slot, the lower edge portion of the closure flap being free.

4. A head covering comprising a hood having a portion covering the top, sides and back of the head and also the back of the neck, the rear part of the neck covering portion being continuous, a hem on the free edge of the neck covering portion, a drawstring in said hem, said hood having a slotted opening extending upwardly from a point inwardly of the edge of the rear part of the neck covering portion, so as to admit access to the interior of the hood when it is in place on the head, and an extension of relatively large area defining a tuck-in flap for said slotted opening integral and coextensive with one side edge of the slot, the lower edge portion of the closure flap being free.

5. A head covering having a face opening comprising a hood having a portion covering the top, sides and back of the head and also the back of the neck, the rear part of the neck covering portion being continuous, a hem on the edge of the neck covering portion, a drawstring in said hem, said hood having a slotted opening extending upwardly from a point inwardly of the hem so as to admit access to the interior of the hood when it is in place on the head, an extension of relatively large area defining a tuck-in flap for said opening integral and coextensive with an edge of said opening, the lower edge

portion of the closure flap being free, and an elastic surrounding the face opening.

6. A head covering comprising a hood having a portion covering the top, sides and back of the head and also the back of the neck, means to secure the hood in position about the neck of the wearer, the rear part of the neck covering portion being continuous, said hood having a slotted opening extending upwardly from a point inwardly of the edge of the rear part of the neck covering portion, so as to admit access to the interior of the hood when it is in place on the head, and a closure flap for said slotted opening coextensive with one side edge of the slot, said flap being adapted to be tucked into the opening and underlie the inside face of the hood, the lower edge portion of the closure flap being free.

7. A head covering comprising a hood having a portion covering the top, sides and back of the head and also the back of the neck, means to secure the hood in position about the neck of the wearer, the rear part of the neck covering portion being continuous, said hood having a slotted opening extending upwardly from a point inwardly of the edge of the rear part of the neck covering portion, so as to admit access to the interior of the hood when it is in place on the head, and a closure flap for said slotted opening.

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