

Nov. 8, 1938.

A. B. CLANCY

2,136,039

SHIELD

Filed June 5, 1937

Fig. 1.

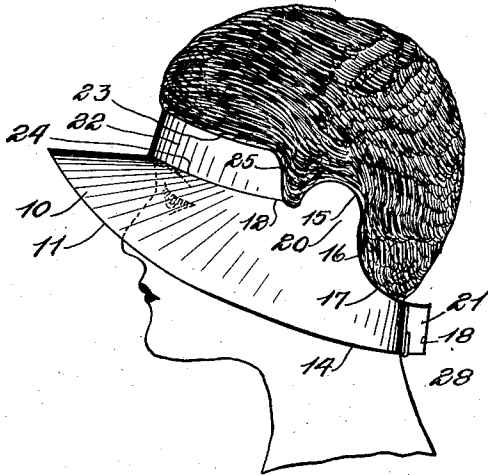


Fig. 5.

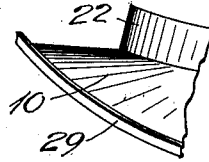


Fig. 3.

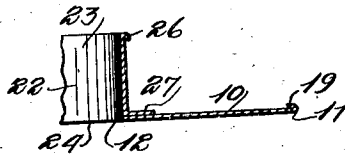


Fig. 2.

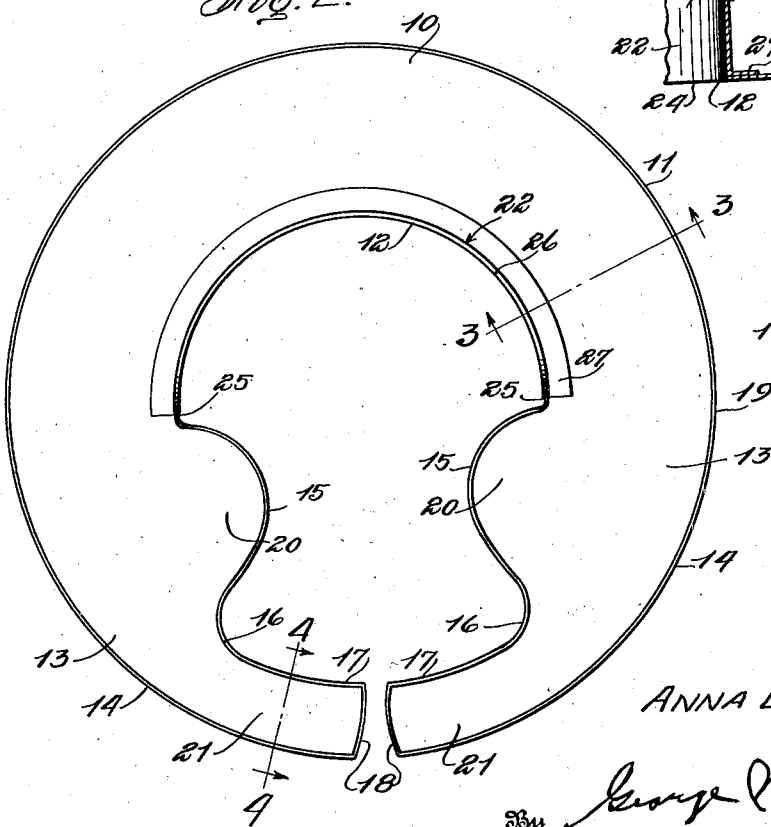
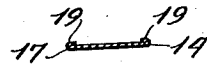


Fig. 4.



Inventor

ANNA B. CLANCY,

By *George W. Duke*

Attorneys

Patented Nov. 8, 1938

UNITED STATES PATENT OFFICE

2,136,039

SHIELD

Anna B. Clancy, San Francisco, Calif.

Application June 5, 1937, Serial No. 146,682

6 Claims. (Cl. 2—174)

This invention relates to toiletry and has special reference to hair dressing.

More particularly the invention relates to a protective device in the nature of a shield for use in hair drying.

One important object of the invention is to provide a novel device to be worn when a person's hair is being subject to a stream of hot air for drying purposes, the device being constructed and arranged to protect the face, brow, ears and neck from direct contact by the hot air stream, thereby preventing the discomfort due to the hot air contacting sensitive portions of the skin.

A second important object of the invention is to provide a novel device for the aforesaid purpose so formed and shaped as to expose all of the hair to the action of the hot air while properly protecting those parts of the head free from hair.

A third important object of the invention is to provide a novel device of the kind described which may be manufactured at a low cost from pliable paper-like material.

A fourth important object of the invention is to provide a novel device of this class so formed and constructed as to be readily fitted on any ordinary size of head.

A fifth important object of the invention is to provide a novel device of the kind above set forth wherein the device is arranged to be secured in head fitting position by one or more ordinary paper clips.

A sixth important object of the invention is to provide a novel device of this character formed of paper-like material substantially impervious to moisture and heat.

With the above and other objects in view, as will be presently understood, the invention consists in general of certain novel combinations of elements and arrangements of parts hereinafter fully described, illustrated in the accompanying drawing and particularly pointed out in the appended claims.

In the accompanying drawing like characters of reference indicate like parts in the several views, and—

Figure 1 is a side elevation showing the device in use.

Fig. 2 is a plan view of the device before being shaped to fit a person's head.

Fig. 3 is a section on the line 3—3 of Fig. 2.

Fig. 4 is a section on the line 4—4 of Fig. 2.

Fig. 5 is a detail showing a slight modification of the device.

In the embodiment of the invention as here

shown there is provided a main or body portion of generally arcuate form and having a forward segment 10 provided with a segmental-circular outer edge 11 and a segmental-circular inner edge 12 concentric with the edge 11. This portion 10 has an arcuate extent of approximately 180° so that it forms a semicircular annular part having parallel edges. Extending from each end of the part 10 is a rear portion 13 having an outer edge 14 of segmental-circular form and forming a concentric extension of the edge 11. Each edge portion 14 has an arcuate extent of slightly less than 90°. Each rear portion 13 has an inner edge sinusously curved to provide a convex edge 15 merging at its forward end into the respective end of the edge 12, a concave intermediate edge portion 16 of relatively small radius merging at its forward end smoothly into the rear end and a concave rear edge portion 17 merging smoothly at its forward end into the rear end of the respective intermediate edge 16. The portions 17 are concentric with the edge portions 11 and 14 and are thus parallel with the rear portions of the edges 14. The rear ends of the rear portions of the edges 14 and 17 are joined by rear end edges 18 slightly spaced from each other. The edge portions 11, 14, 15, 16, 17 and 18 are all preferably beaded over as at 19 to reinforce and slightly stiffen these edges. Those parts of the body portion 13 bounded by the convex edges 15 form ear tabs 20 and the parallel sided rear ends between the edges 17 and the rear parts of the edges 14 form adjusting and securing tails 21.

In connection with this body there is provided a brow section 22 having an upper edge 23 and a parallel lower edge 24, these edges being substantially straight in the blank from which the brow section is formed. The upper edge 23 curves downward at its ends to form end edges 25 meeting the extremities of the bottom edge. The edges 23 and 25 are preferably beaded over as at 26 to reinforce and stiffen these parts and the bottom edge 24 is provided with a flange part 27. This brow section 22 is curved to conform to the edge 12 and is of equal length therewith. In curving the section 22 the flange 27 may be slit at intervals to permit such curvature if the material will not stretch sufficiently to allow the flange to curve. The brow section 22 has its flange 27 secured fixedly to the body by any suitable means such as a waterproof and heatproof adhesive such as dextrine or a rubber cement.

In applying the device the brow section is placed on the forehead with the edge 23 just be-

neath the hair line and the tails 21 are brought around and lapped behind the neck just below the neck hair line. A paper clip 28 is now applied. When in this position the body front 10 will project out like a sun-bonnet as shown in Fig. 1 and the ear tabs 20 will cover the ears, spaces being formed between these tabs and the ends of the brow section 22 so that the hair in front of the ears is exposed to the stream of hot air from the ordinary hot air blower. When thus applied the hot air will be deflected outwardly away from the face and the ears and neck will be protected but all of the hair will be exposed for drying. It is to be noted that the device may be worn as a sun-visor if desired.

Both the body and brow sections are made from pliable paper-like material, preferably of waterproof character and heat resisting.

As shown in Fig. 5 the edge of the body may be turned up as at 29 so as to prevent the hot air blowing down in front of the face and to direct the air back and upwardly and thereby shorten the time of drying the hair.

There has thus been provided a simple and efficient device of the kind described and for the purpose specified.

It is obvious that changes may be made in the form and construction of the invention without departing from the spirit thereof. It is not, therefore, desired to limit the invention to the exact form herein shown and described but it is desired to include all such as come within the scope of the appended claims.

What is claimed is:

1. A shield for hair drying comprising an arcuately annular sheet of material constituting a body portion and having a relatively wide forward portion and relatively narrow tails extending rearwardly from the rear ends of the forward portion, a brow section secured at the inner edge of said forward body portion and extending upwardly therefrom, and ear tabs extending inwardly from said tails at the junctions of the tails and body portion.
2. A shield for hair drying comprising an arcuately annular sheet of material constituting a body portion and having a relatively wide forward portion and relatively narrow tails extending rearwardly from the rear ends of the forward portion, a brow section secured at the inner edge of said forward body portion and extending upwardly therefrom, said forward body portion having concentric inner and outer edges forming circular arcs and the outer edges of the tails constituting continuations of the outer edge of said forward portion, and ear tabs extending inwardly from said tails at the junction of the tails and body portion.
3. A shield for hair drying comprising an arcuately annular sheet of material constituting a body portion and having a relatively wide forward portion and relatively narrow tails extending rearwardly from the rear ends of the forward portion, and a brow section secured at the inner edge of said forward body portion and extending upwardly therefrom, said forward body portion having concentric inner and outer edges forming

circular arcs and the outer edges of the tails constituting continuations of the outer edge of said forward portion, said tails having sinuous inner edges each having a forward convex portion to form an ear tab, an intermediate concave portion of relatively short radius and a rear concave portion concentric to the outer edges of the forward portion and tails, said body portion and brow section being formed of waterproof and heat resisting paper-like material.

4. A shield for hair drying comprising an elongated blank of flexible sheet material of generally arcuate shape in the direction of its length thereby providing a convexly extending outer edge and a generally concavely extending inner edge longitudinally of the blank, said blank being adapted to be bent to substantially encircle the head of the wearer with the inner edge uppermost and in relatively close engagement with the head along the hair line and the body of blank between the inner and outer edges extending slantingly outwardly and downwardly therefrom and spaced from the face and sides of the head whereby heated air blown downwardly onto the head from above will dry the hair and will be deflected away from the portion of the head below the hair line, means on said blank when in encircling relation to the head for covering the ears of the wearer, said means comprising tabs formed along the inner edge of the blank terminating adjacent the upper edges of the ears, and means for detachably securing the blank in encircling relation to the head.

5. In a construction as defined in claim 4, means on said blank adjacent said outer edge for deflecting the heated air outwardly and upwardly when the blank is positioned around the head of the wearer.

6. A shield for hair drying comprising an elongated blank of flexible sheet material of generally arcuate shape in the direction of its length thereby providing a convexly extending outer edge and a generally concavely extending inner edge longitudinally of the blank, said blank being adapted to be bent to substantially encircle the head of the wearer with the inner edge uppermost and in relatively close engagement with the head along the hair line and the body of blank between the inner and outer edges extending slantingly outwardly and downwardly therefrom and spaced from the face and sides of the head whereby heated air blown downwardly onto the head from above will dry the hair and will be deflected away from the portion of the head below the hair line, means on said blank when in encircling relation to the head for covering the ears of the wearer, said means comprising tabs formed along the inner edge of the blank terminating adjacent the upper edges of the ears for detachably securing the blank in encircling relation to the head, and an upturned rim extending along the front outer edge of the blank to constitute means for deflecting heated air outwardly and upwardly when the blank is positioned around the head of the wearer.

ANNA B. CLANCY.