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HAIR DRYING APPARATUS

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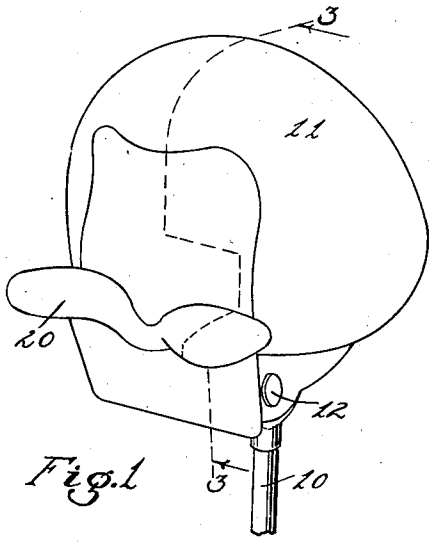


Fig. 1

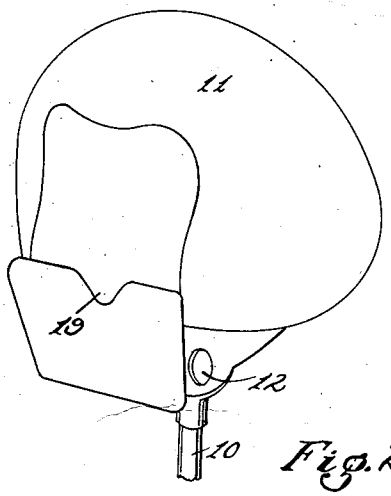


Fig. 2

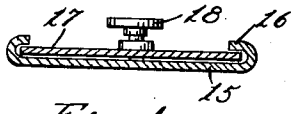


Fig. 4

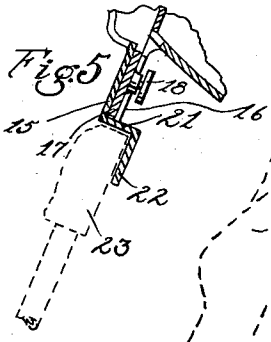


Fig. 5

Fig. 3

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HAIR-DRYING APPARATUS

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Application March 31, 1941, Serial No. 386,056

1 Claim. (Cl. 34—99)

In the practice of cosmetology it is now customary to use hair-drying apparatus consisting of a somewhat oval hollow body open at one end and containing an electric heating unit and a fan, the open end of the body is usually supported above the customer's head and the heated air flows from the device around the customer's head and also around the customer's neck and shoulders, which latter is objectionable because the amount of heated air which may be used during a given time is limited by the amount of heat applied to the neck and shoulders which can be used without too much discomfort by the customer. Furthermore, with the present apparatus it is necessary for the customer to assume a substantially upright posture which is uncomfortable if maintained for a long period of time, which is sometimes necessary for a complete hair-drying treatment.

The object of our invention is to provide a combined head rest and neck and shoulder protector which may be used in the nature of an attachment for the present hair-drying apparatus and by means of which the customer may assume a comfortable, semi-reclining position with her head resting upon a head rest in a comfortable position and with her neck and shoulders protected from the heated air currents, and whereby the heated air currents may be directed to pass through and around all of the customer's hair and away from the face, neck and shoulders, and all of the heated air necessary to complete the most difficult hair-drying operation may be done in a relatively short time without discomfort or pain to the customer.

A further object is to provide an apparatus of this class in which the combined head rest and neck and shoulder protector may be adjusted for effective treatment of customers of various sizes and proportions.

In the accompanying drawing

Figure 1 shows a perspective view of a hair-drying apparatus having our improved combined head support and neck and shoulder protector applied thereto;

Figure 2 shows a similar view of a somewhat modified form of same;

Figure 3 shows a vertical sectional view on the dotted line 3—3 of Figure 1, and also showing a chair adjacent to the hair-drying apparatus and the dotted outline of a customer in position for using our improved apparatus;

Figure 4 shows an enlarged sectional view on the line 4—4 of Figure 3; and

Figure 5 shows a detail sectional view illustrating a modification of the neck and shoulder protector, and illustrating by dotted lines the position of the chair back relative thereto.

The hair-drying apparatus comprises the usual adjustable standard 10 having the usual sheet metal substantially oval-shaped hollow body 11 connected to the standard by a hinged joint 12. One end of the hollow body is open, and at the opposite end there is an electric heating element 13 and a fan 14.

Our improved head rest and neck and shoulder protector comprises a protector plate 15 welded to the lower edge portion of the body 11 at its open end and extended downwardly therefrom. It is preferably provided with its edges extended inwardly at 16 to form a channel in which is received a mating neck and shoulder protecting member 17, and a set screw 18 is provided for clamping these members together in any position of their adjustment. This neck and shoulder protector is extended upwardly across the open end of the body 11 and is wide enough to completely cover the lower portion of this opening, as shown in Figures 1 and 2. The member 15 is in the form of a channel and the member 17 is slidingly mounted on the channel, as shown in Fig. 4. The set screw 18 is mounted in the member 17 to engage the member 15.

In Fig. 2 the member 15 which supports the head rest 30 is shown to be in front of the member 17 and movable vertically thereon.

In Figure 2 of the drawing we have shown the head rest to comprise simply a notched portion 19 formed at the upper end of the neck and shoulder protector, and in Fig. 1 we have shown a head rest having a wide broad surface at 20 to receive and support the customer's head.

In the modified form shown in Figure 5 there is illustrated a rearwardly extended portion 21 at the lower end of the neck and shoulder protector, shaped and designed to rest upon the top of a chair, as shown by dotted lines in Fig. 4; and in the rear thereof is the downwardly extended portion 22 to engage the rear of the chair back, and when in this position the front of the neck and shoulder protector is substantialy flush with the front of the chair back. This forms an extension of the chair back to receive and support the customer's shoulders. The chair back as illustrated in Fig. 3 is indicated by the numeral 23.

In practical use a customer is placed in position upon a chair and the chair may be adjusted to almost any degree of reaward inclination of the chair back that will be comfortable for the customer. Then, when in this position, the body

10 is adjusted to position so that the back of the customer's head will be projected into the open end of the body 11 in substantially the position shown by dotted lines in Figure 3, then when in this position the combined head rest and neck and shoulder protector are adjusted to position to receive and engage the customer's head and support it in position, and when in this position the depressed portion of the head rest will then hold the customer's head substantially centered within the open part of the body 11 so that a substantially equal amount of heated air will pass out around the sides and top of the customer's head and through the customer's hair, but none of it will be projected upon the customer's neck and shoulders.

When the various parts have been adjusted to fit the size and proportion of the customer and the customer has been placed in a comfortable, restful position, then the flow of heated air may be maintained for a relatively long time or for a shorter period of time with a greater amount of heat to effect a thorough drying of the hair in a minimum amount of time, and all of this may be done without inconvenience to the customer and without applying excessive heat to the customer's neck or shoulders.

We claim as our invention:

A hair-drying apparatus, comprising a hollow body portion having an open end to receive a patient's head, a heating device in the hollow body, and a combined head rest and neck protector, comprising a supporting plate fixed to the hollow body and extended completely across the lower portion of the opening therein, and a head rest portion slidingly mounted on the supporting plate for vertical movement, a set screw for holding it in various positions of adjustment, said head rest portion having its upper portion shaped to fit back of a patient's head and having its body portion extended vertically and of a width to completely cover the lower portion of the hollow body and whereby the head rest member may be adjusted to comfortably fit heads of different sizes and when in any position of such adjustment, the patient's neck and shoulders will be protected from heat within the hollow body.

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