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HEAD REST FOR HAIR DRYERS

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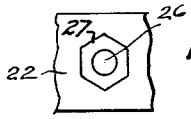


FIG. 4.

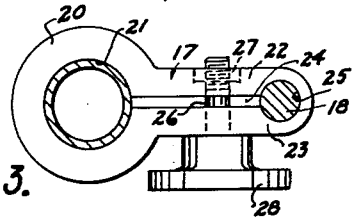


FIG. 3.

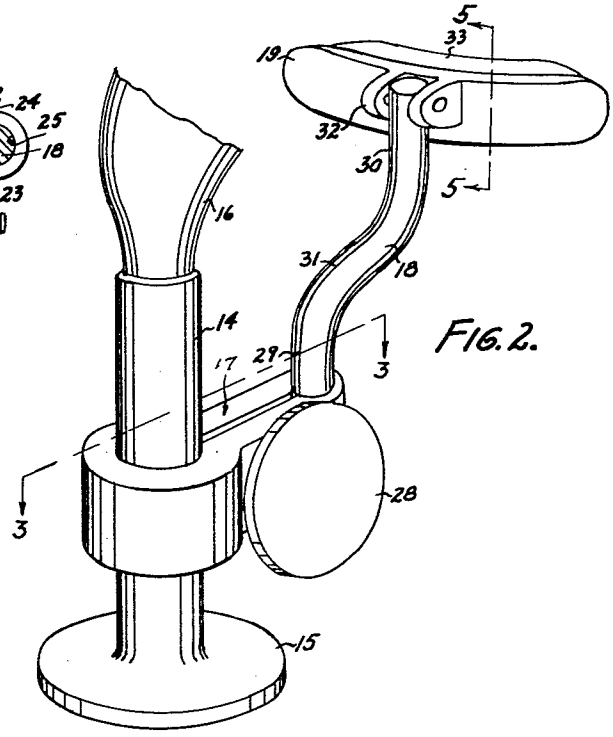


FIG. 2.

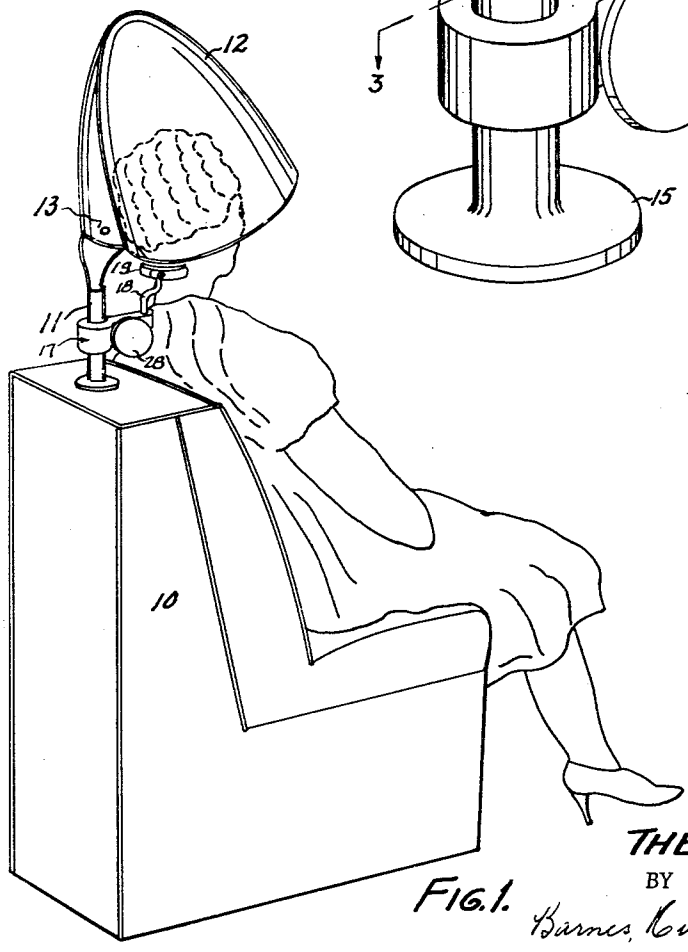


FIG. 1.

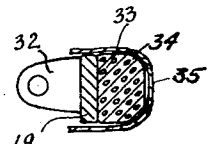


FIG. 5.

INVENTOR.
THERESA SCHIRMER
BY
Barnes, Kisselle, Raisch & Choate
ATTORNEYS

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HEAD REST FOR HAIR DRYERS

Theresa Schirmer, Detroit, Mich., assignor to James A. Sokaly, Detroit, Mich.

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This invention relates to hair dryers and particularly to an adjustable head rest for hair dryers.

In the professional treatment of hair by beauticians, it is customary as a step in the treatment of the hair to seat the customer in a position wherein the head is dried by placing it in a hair dryer housing. Since the time interval involved is relatively long, it is often the case that the customer becomes tired and the head of the customer may thereby shift coming into contact with the hot portions of the hair dryer housing and resulting in burning of the customers hair or scalp. The head rests which have been heretofore designed have involved the use of separate supports and stands resulting in increasing cost and difficulty in adjustment which has resulted in their not being purchased. Even in beauty shops where they are available, the beauticians, because of the difficulty in adjustment, may often not use the head rests.

It is therefore an object of this invention to provide an adjustable head rest for hair dryers which can be manufactured at low cost; which is easily adjustable; and which is mounted on the support for the hair dryer.

In the drawings: FIG. 1 is a perspective view of a hair dryer arrangement embodying the invention.

FIG. 2 is a fragmentary perspective view on a large scale of a portion of the apparatus shown in FIG. 1.

FIG. 3 is a sectional view taken along the line 3—3 in FIG. 2.

FIG. 4 is a fragmentary view of a portion of the apparatus shown in FIG. 3.

FIG. 5 is a sectional view taken along the line 5—5 in FIG. 2.

Referring to FIG. 1, a hair drying apparatus may comprise a seat 10 on which a customer is seated and having a support 11 in the form of a vertical column fastened to the upper end of the seat back. A hair dryer of conventional construction and including a housing 12 is pivotally mounted on the upper end of support 11 as at 13. Support 11 may comprise a tubular lower portion 14 having a flange 15 at the lower end thereof by which it is mounted on the upper end of seat 10 and an upper portion 16 the lower of which end of which is telescopically received in the upper end of tubular portion 14.

The adjustable head rest embodying the invention is mounted on the tubular portion 14 and includes a clamp 17 which adjustably supports a post 18 on the upper end of which head rest bracket 19 is pivotally mounted.

As shown in FIGS. 2 and 3, clamp 17 includes a cylindrical portion 20 having an opening 21 therein so that the bracket can slip over tubular portion 14, and parallel portions 22 and 23 extending laterally from portion 20 and spaced from one another by a slot 24. At the ends of portions 22 and 23 opposite portion 20, there is provided a cylindrical opening 25 having a lesser diameter than opening 21 and adapted to receive the lower end of post 18. A screw 26 is threaded into a nut 27 non-rotatively mounted in a depression in portion 22 and is provided with a knob 28 so that when the screw is tightened, clamp 17 engages tubular portion 14 and support 11 and post 18.

As shown in FIG. 2, post 18 comprises parallel laterally displaced end portions 29 and 30 connected by a curved intermediate portion 31. The lower end of lower end portion 29 is received in the opening 25 and clamp 17.

Head rest bracket 19 includes a pair of laterally extending ears 32 intermeditae its ends. A pin 33 extends through openings in the ears 32 and in an opening in the

upper end 30 of post 18 to pivotally mount bracket 19 on the upper end of post 18 for movement about a horizontal axis.

As shown in FIG. 5, a head rest 34 of resilient material such as foam rubber is inhered to the front surface of bracket 19. In addition, an envelope of sanitized paper is provided over the head rest 34 as shown in 35. This envelope may be discarded and a new envelope used with each customer.

When a customer is seated on chair 10, the hood 12 of the hair dryer is pivoted into position over the head of the customer and the head rest is adjusted to engage the neck of each customer. This is done by loosening knob 28 permitting clamp 17 to be moved upwardly and downwardly on portion 14 of support 11. This is a general rough adjustment for the head rest. The knob 28 is then tightened slightly and the post 18 is moved upwardly or downwardly in clamp 17 to bring the head rest into position to engage the portion of the head or neck of the customer which is to be supported. The knob 28 is then fully tightened to hold the head rest in position. Pivotal mounting of the bracket 19 permits the head rest to adjust to variations in contour of the head or portion of the neck of the customer.

The relatively large surface area of the support 14 relative to the post 18 insures that when the knob 28 is partially tightened, the clamp 17 will remain in fixed position on the support 14 but the post 18 will be adjustable to permit the post to be adjusted the requested amount and obtain fine adjustment to the neck of the customer.

It can thus be seen that I have provided a head rest which can be easily adjusted; which is mounted on ordinary support of the hair dryer; which can be manufactured at low cost and which effectively engages the neck to support the head of the customer.

I claim:

1. In a hair dryer comprising a generally vertical cylindrical support and a hair dryer housing pivotally mounted on the upper end of said support by a bracket telescopically received in the upper end of said support, the improvement which comprises a clamp comprising a body having a vertically cylindrical opening in one end thereof into which said support is telescopically and rotatably received and a second cylindrical opening in the other end thereof having its axis parallel to the axis of the first cylindrical opening, a slot of substantially uniform width extending axially through said body in the portion thereof between said cylindrical openings thereby forming spaced parallel portions in said clamp, a post comprising horizontally spaced end portions and a curved intermediate portion connecting said end portions, the lower of said end portions being telescopically and rotatably received in the second cylindrical opening, a head rest adapted to engage the neck, means for pivoting said head rest to the upper of said end portions of the post for movement about a generally horizontal axis, and means for clamping said spaced portions of said clamp to lock said clamp in vertically adjusted position on said support and to lock said post in vertically adjusted position on said clamp.

2. The combination set forth in claim 1 wherein said means for clamping said spaced portions of said clamp comprise a screw, said spaced portions having axially aligned openings extending transversely therethrough, said screw extending through said openings, a knob on one end of said screw, a nut into which the other end of said screw is threaded, and means on said clamp engaging said nut to prevent rotation thereof.

(References on following page)

References Cited in the file of this patent

UNITED STATES PATENTS

527,056	Gilson	Oct. 9, 1894
662,387	Baker	Nov. 27, 1900
1,806,773	Walters	May 26, 1931
1,814,876	Weber	July 14, 1931
1,821,560	May	Sept. 1, 1931
2,286,372	Page	June 16, 1942
2,339,159	Duncan et al.	Jan. 11, 1944
2,621,968	Vickroy	Dec. 16, 1952
2,696,873	Mundt et al.	Dec. 14, 1954

FOREIGN PATENTS

505,309	Great Britain	May 9, 1939
1,061,424	France	Nov. 25, 1953