Feb. 14, 1950 E. W. FARMER 2,497,301

HAIR DRIER

Filed March 2, 1949

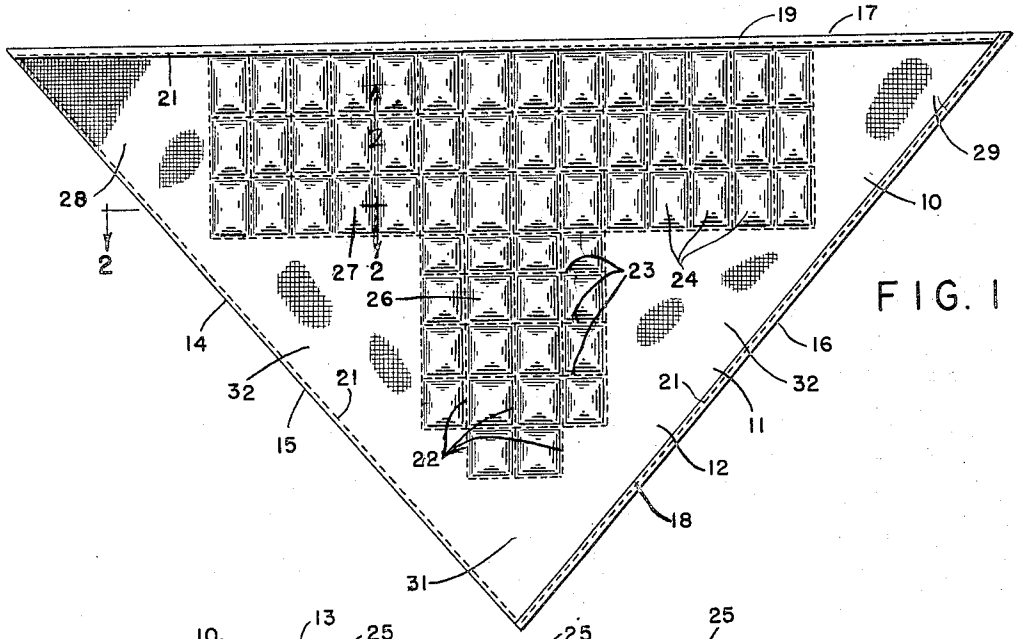


FIG. 1

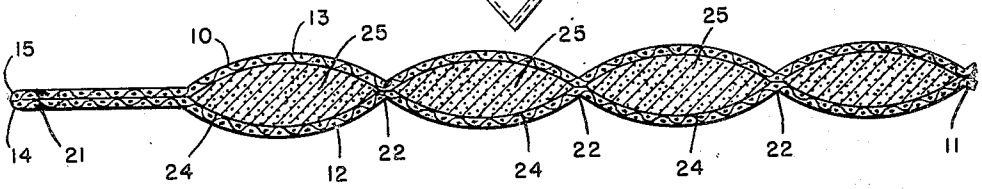


FIG. 2

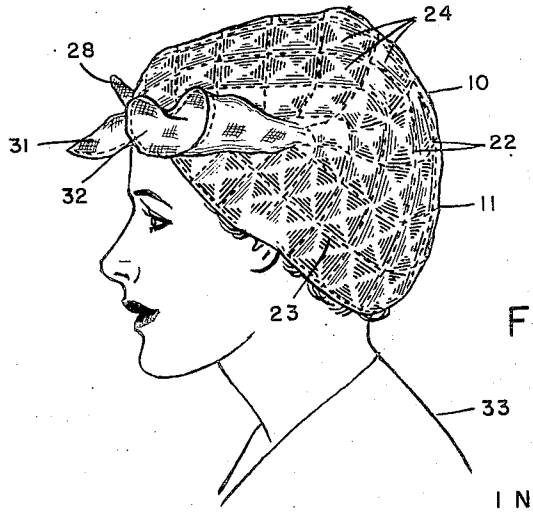


FIG. 3

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HAIR DRIER

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3 Claims. (Cl. 34—95)

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My invention relates to hair dryers and has for an object to provide a hair dryer which operates to produce the desired results without the use of heat.

Another object of the invention resides in providing a hair dryer in which an absorbent material is used to absorb the moisture from the hair.

A still further object of the invention resides in constructing the hair dryer with a flat flexible porous container having pockets therein for the reception of the absorbent material.

Another object of the invention resides in constructing the container in the form of a kerchief adapted to be wrapped about the head of the user and secured in position thereon.

An object of the invention resides in arranging the pockets in the form of a T with certain of the pockets disposed in a horizontal row extending along the diagonal edge of the container and with other of the pockets disposed in a vertical row extending from the center of the first named row and toward the intersection of the lateral edges of the container.

A still further object of the invention resides in providing foldable portions in the container between the rows of pockets and adapted to fold to bring the pockets of the vertical row adjacent the pockets of the horizontal row when the dryer is applied to the head of the user.

Another object of the invention resides in providing in the container end portions at the ends of the horizontal row of pockets and by means of which the ends of the diagonal edge of the container may be secured together to hold the horizontal row of pockets applied to the head of the user.

A still further object of the invention resides in providing an end portion at the free end of the vertical row of pockets and which may be brought into proximity to the other end portions when the dryer is applied to the head of the user to hold the vertical row of pockets in proper position upon the head of the user.

Other objects of the invention reside in the novel combination and arrangement of parts and in the details of construction hereinafter illustrated and/or described.

In the drawings:

Fig. 1 is a plan view of a hair dryer illustrating an embodiment of my invention.

Fig. 2 is a cross sectional view taken on line 2—2 of Fig. 1 and drawn to a greater scale.

Fig. 3 is a perspective view of the dryer applied to the head of the user.

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In the drying of the hair after a shampoo the usual procedure has been to direct heated air to the hair or to allow the hair to dry of its own accord. The instant invention provides a construction whereby the hair may be dried without the use of heat and in considerably less time than otherwise required.

The invention includes a flat flexible porous container 10 in the form of a kerchief, said container being triangular in shape, and having a body 11 constructed of two thicknesses of cloth forming a front 12 and a back 13. In the embodiment of the invention shown, the body is constructed from a single sheet of cloth which is formed with a fold 14 forming one lateral edge 15 of the container. The other lateral edge of the container is indicated at 16 and the diagonal edge at 17. These two last named edges are formed by means of hems 18 and 19 and the said hems and the fold 14 are secured in position by means of stitches 21 extending about the container.

The intermediate portion of the body 11 is provided with a number of intersecting seams 22 and 23 which form pockets 24 therebetween. In these pockets is provided a filling 25 of silica gel crystals. The cloth from which the body 11 is constructed is porous and readily absorbent so that moisture coming in contact with the same may be transferred to the filling 25. The silica gel crystals without any other ingredient mixed therewith will give satisfactory results, tho I have found that by mixing about one percent or less of diatomaceous earth with the silica gel crystals, that the absorptive characteristics of the filling is increased, and that the period required for the drying of the hair is greatly shortened. While I have found the silica gel crystals highly satisfactory it can readily be conceived that any other suitable kind of absorptive material may be used.

The pockets 24 are arranged in a vertical row 26 and in a horizontal row 27 more or less in the form of a T and disposed at the center of the body 11 with the horizontal row disposed at the edge 17. By means of this construction, free corners 28, 29 and 31 are formed at the ends of the kerchief. At the same time, the seams 22 and 23 form lines of division between the pockets facilitating folding the kerchief and accommodating adaptation of the kerchief to the head of the user. The arrangement of the pockets in the form of a T also leaves foldable portions 32 between the rows of pockets which may be readily folded in a manner to be presently described.

In the use of the invention the dryer is applied to the head of the user in much the same manner

as an ordinary kerchief, the portion of the same including the row 26 of pockets being placed upon the top of the head with the diagonal edge 17 at the neck of the user and with the free corner 31 overlying the user's forehead. The portion of the dryer having the row 27 of pockets is next brought about the sides of the user's head and the free corners 28 and 29 brought into proximity to one another and to the corner 31 and secured together. This may be accomplished by means of a safety pin or where the corners 28 and 29 are long enough the same may be tied together. The corners 28 and 29 where secured together overlie the corner 31 and hold the same in place. If desired however the corner 31 may be secured to the corners 28 and 29 by means of a separate safety pin or where one is used for the corners 28 and 29 instead of tying, by means of such pin. It will be noted that the portions 32 of the container become folded to bring the pockets at the marginal edges of the rows into juxtaposition. This permits of covering the entire head and causes the pockets to lie close to the hair. At the same time the container folds readily at the seams between the pockets, thereby causing the pockets to fit the contour of the head. In this manner the transfer of moisture to the dryer is rapid and a minimum length of time is required in the drying of the hair. After the hair is dry the entire dryer can be placed in an oven and heated to expel the moisture therefrom.

The advantages of the invention are manifest. The dryer can be applied to heads of different size and shape and by the proper disposition of the attaching corners can be accurately adjusted to any head. Only one size and shape of dryer need hence be manufactured and a single dryer may be used by all members of a family. By means of the pockets employed the dryer is readily folded to conform to the contour of the user's head and the absorbent material is maintained and distributed throughout the desired areas and bagging prevented. With my invention a minimum amount of absorbent may be used thus reducing the weight of the dryer. The dryer can be sold at a reasonable price. The dryer can be used for a long period without deterioration or being rendered useless.

Changes in the specific form of my invention, as herein described, may be made within the scope

of what is claimed without departing from the spirit of my invention.

Having described my invention, what I claim as new and desire to protect by Letters Patent is:

1. A hair dryer comprising a relatively flat container having a front and a back and constructed of porous flexible material, stitches applied to said container and connecting said front and back together along predetermined lines to form pockets therebetween, said pockets covering an area in the shape of a T with intervening foldable portions therebetween and an absorbent material disposed in said pockets.

2. A hair dryer comprising a relatively flat container having a front and a back and constructed of porous flexible material, said container being triangular in form and having a diagonal edge and two lateral edges, absorbent material disposed between said front and back and covering an area substantially T-shaped with the bar of the T lying along the diagonal edge of the container and the stem of the T extending toward the intersection of the lateral edges of the container.

3. A hair dryer comprising a relatively flat container having a front and a back and constructed of porous flexible material, said container being triangular in form and having a diagonal edge and two lateral edges, absorbent material disposed between said front and back and covering an area substantially T-shaped with the bar of the T lying along the diagonal edge of the container and the stem of the T extending toward the intersection of the lateral edges of the container, said absorbent material falling short of the corners of the container to leave free portions suitable for securing the dryer upon the head of the user.

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