Jan. 21, 1958 E. C. BROWN 2,820,305

HAIR DRYING BAG

Filed March 15, 1954

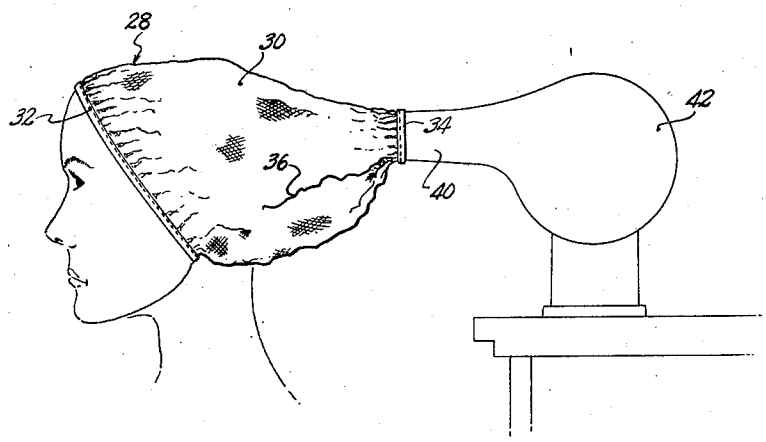


Fig. 1.

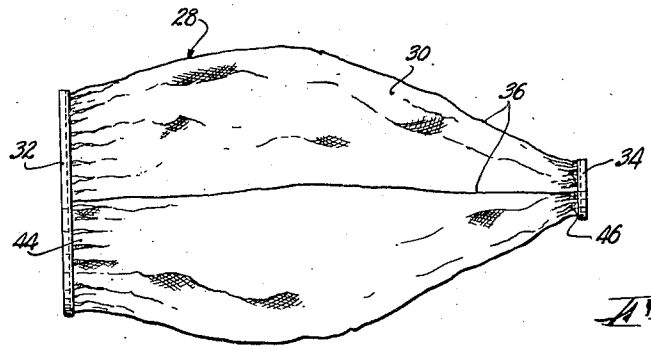


Fig. 2.

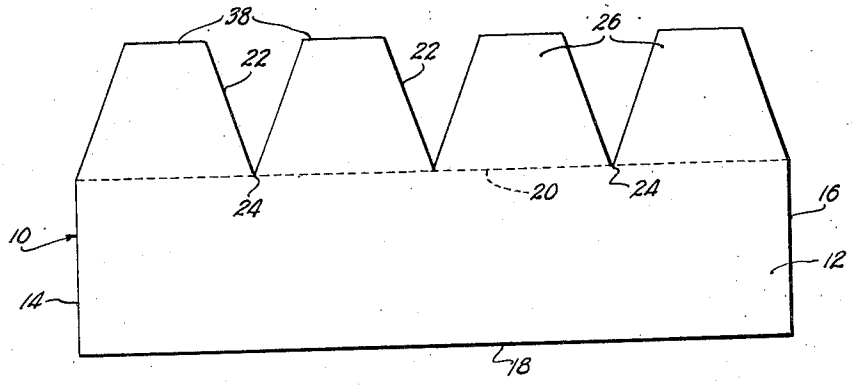


Fig. 3.

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HAIR DRYING BAG

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1 Claim. (Cl. 34—99)

This invention has to do with the field of cosmetology, particularly as it relates itself to hair-dressing operations and has for its most important object the provision of structure for facilitating the drying of the hair through use of virtually any type of apparatus capable of producing artificial currents of air.

It is the most important object of the present invention to provide a hair drying bag in the nature of a hollow body for receiving the head of hair to be dried and having an air inlet opening at one end thereof adapting the bag for releasable attachment to hair drying apparatus, the material from which the bag is made consisting of a suitable fabric or other porous material permitting outward flow of the moisture-entrained air therethrough and obviating the collection of condensate within the bag and which is removed from the hair by the currents of air.

Another important object of the present invention is to provide an ovate-oblong hollow body having opposed, open ends of differing diameters and made from an initially flat blank of flexible material provided with V-shaped notches presenting a series of trapezoidal tabs, all for the purpose of permitting the formation of a plurality of darts in the finished article of manufacture so as to attain the proper configuration in the finished drying bag.

Other objects include important details of construction such as the way in which the openings in the bag are defined by elastic bands so that the bag may be held tightly against the head and releasably attached to the drying apparatus; and the manner of providing relatively large, initial diameters in the openings so that the elastic bands may be expanded to various diameters.

In the drawing:

Figure 1 is a side elevational view of a hair drying bag made according to my present invention showing the same in operative use.

Fig. 2 is an enlarged, side elevational view of the bag; and

Fig. 3 is a plan view of the blank from which the hair drying bag is made.

Referring first to Fig. 3 of the drawing, there is illustrated a blank broadly designated by the numeral **10**, that includes a rectangular portion **12** defined by a pair of end edges **14** and **16**, a longitudinal edge **18**, and an imaginary line **20** extending longitudinally of the panel **10** adjacent its longitudinal axis.

Panel **10** is provided with a plurality of V-shaped notches **22** having apex ends **24** in spaced alignment along the line or longitudinal edge **20** of portion **12**, defining a plurality of trapezoidal tabs **26**. Tabs **26** have their bases coincident with the longitudinal line **20**. The panel **10** may be made from any suitable flexible material, but it is preferred that the same be made from a suitable fabric or other porous substance for reasons hereinafter to be made clear.

Blank **10** is used to form hair drying bag **28** shown in Figs. 1 and 2 of the drawing, which takes the form of a hollow, ovate-oblong body **30** having opposed, open ends

defined by continuous elastic bands **32** and **34** stitched or otherwise secured thereto.

In forming the body **30** from the blank **10**, edges **14** and **16** of panel portion **12**, are placed in close juxtaposition and in overlapping relationship for joinder together by stitching or the like, which forms the relatively large head-receiving opening and which is defined by the elastic **32** when the latter is applied to the body **30** along the longitudinal edge **18**. Thereupon, the relatively diverging edges of the trapezoidal tabs **26** are placed in overlapping relationship in the same manner and stitched together to present a plurality of longitudinally extending, circumferentially spaced darts **36**, projecting from the relatively small opening defined by elastic means **34** toward the elastic band **32**. When the body **30** is then turned inside-out, all seams and edges are disposed therewithin.

It is seen that the said small opening that is defined by elastic **34**, is made up of the apex edges **38** of trapezoidal tabs **26**, and the elastic band **34** is attached to the tabs **26** adjacent the said juxtaposed edges **38**.

The manner in which the bag **30** is placed in position to contain the head of hair to be dried, is illustrated in Fig. 1 of the drawing, and by this showing, it is also seen how the elastic band **32** firmly engages the head of the user throughout the circumferential length of the band **32**. Figure 1 also illustrates the way in which the band **34** tightly grips nozzle **40** of a suitable hair drying apparatus **42** capable of creating artificial currents of air and directing the same into the bag **28** against the hair to be dried.

Many devices as at **42** are equipped with means to heat the said currents of air and under such conditions, the hair may be dried quickly and easily through use of the drying bag forming the subject matter of the present invention.

It now becomes apparent why it is essential that the material from which the bag **28** is made, be imperforate except only for the openings that receive the head and the hair drying apparatus, yet be porous to the extent of permitting the air to escape from the bag **28** while the same is being used.

Still further, moisture that is removed from the hair by the air, will not collect in the bag **30** but will be carried outwardly through the pores of the material from which bag **28** is made. Figs. 1 and 2 of the drawing also indicate how the provision of elastic bands **32** and **34** form a plurality of folds **44** and **46** respectively, notwithstanding the fact that the edges **18** and **38** are initially straight. The maximum diameter of the head-receiving opening upon full expansion of the elastic band **32**, is the same as the length of the longitudinal edge **18** of blank portion **12**, and the maximum diameter of the smaller opening when the elastic band **34** is expanded is the same as the combined lengths of the tab edges **38**.

Having thus described the invention, what is claimed as new and desired to be secured by Letters Patent is:

As an article of manufacture, a hair drying bag comprising an initially flat, elongated, flexible, porous panel having a rectangular portion including a pair of end edges and a pair of longitudinally extending sides, there being a plurality of trapezoidally configured tabs extending outwardly from said portion along the entire longitudinal length of one side thereof, said tabs presenting a plurality of identical, equally spaced, V-shaped notches defined by respective, outwardly diverging side edges of the tabs, said notches terminating in equally spaced, apex ends disposed in substantial alignment along said one side of the portion, the end edges of the rectangular portion being slightly overlapped, and adjacent side edges of the tabs being disposed in respective slightly overlapping relationship; lines of stitching joining each of said overlapped edges respectively to present a hollow, ovate-oblong body having a

head-receiving opening formed by the opposite side of the portion and a second opening formed by the outermost edges of the tabs, said second opening being appreciably smaller than the head-receiving opening; a continuous, elastic band secured to said opposite side of the portion forming the head-receiving opening; and a second continuous, elastic band secured to the outermost edges of the tabs forming said second opening, said bands constricting their respective openings to a designated size.

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