

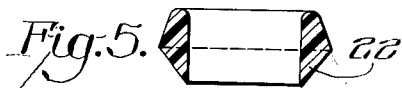
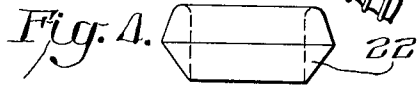
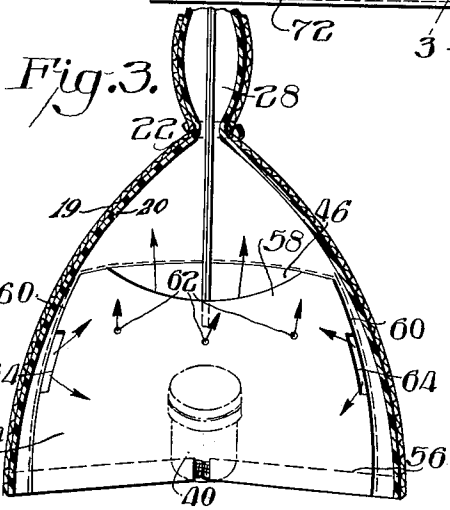
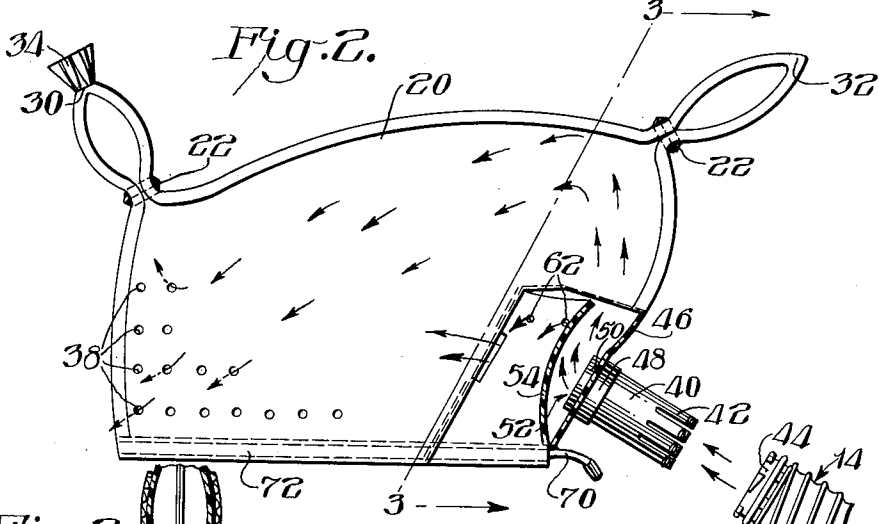
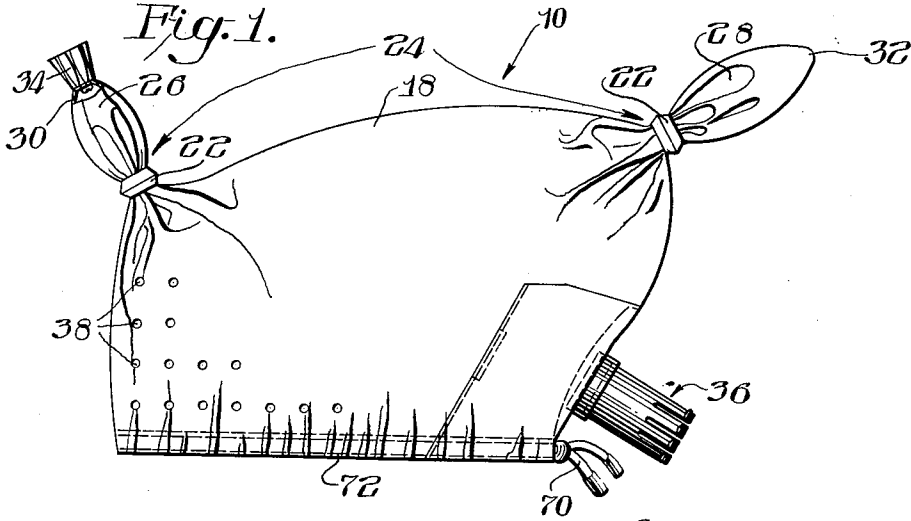
April 9, 1963

L. I. FREEDMAN ET AL
HAIR-DRYING HOOD

3,084,446

Filed May 3, 1960

2 Sheets-Sheet 1



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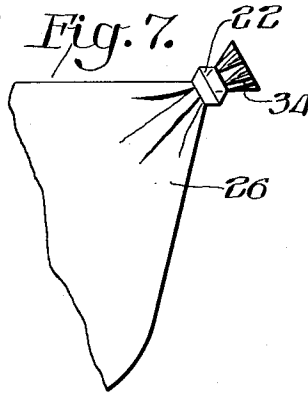
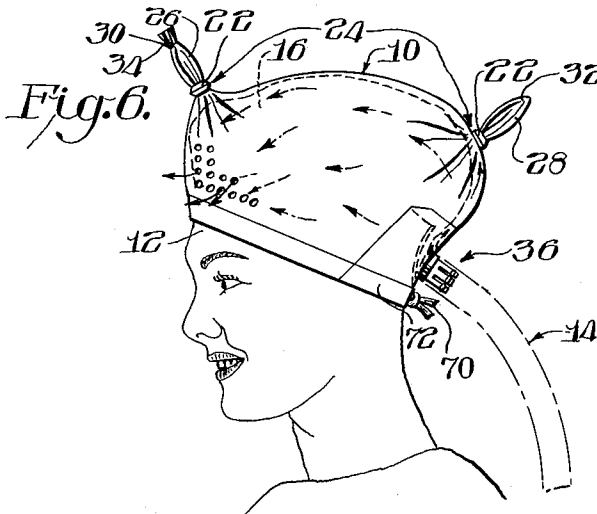


Fig. 8.

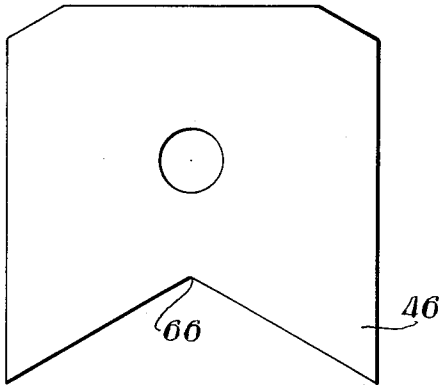


Fig. 9.

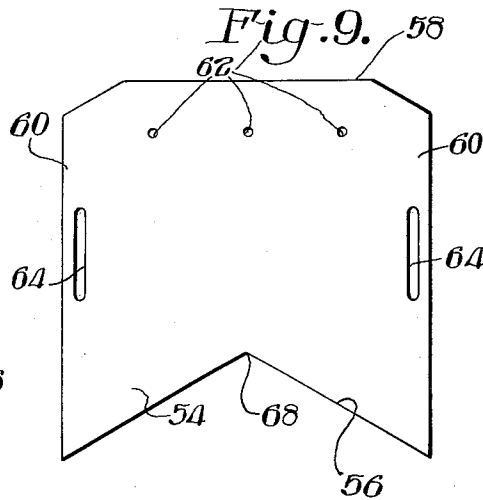
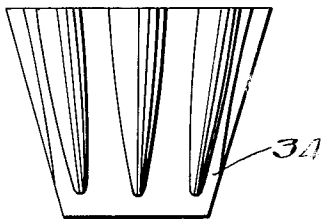


Fig. 10.



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3,084,446

HAIR-DRYING HOOD

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13 Claims. (Cl. 34-99)

This invention relates to a hood which is fastened over the head for directing a flow of heated air through it to dry the hair, and it more particularly relates to such a hood for connection to a portable hair dryer.

Various types of hoods made of flexible sheet material have been connected to portable hair dryers by flexible hoses. These hoods have the primary advantage of freeing the hands of the user during the drying operation for other purposes. These hoods should distribute the air as uniformly as possible through the hair in a form which is reasonably simple and economical.

An object of this invention is to provide a hair-drying hood of simple and economical form which distributes the air substantially uniformly through the hair.

In accordance with this invention a hair-drying hood is made in the form of a bag-shaped envelope made of flexible sheet material having an open end which engages the top of a human head. Adjustment means are provided upon this envelope to permit it to be fitted close to the head. A coupling means is installed at the lower rear portion of the hood for connecting it to a source of heated air, and outlet means are provided in the front and along the bottom side of the hood for exhausting the air from it. A baffle sheet is attached to the inside of the hood in front of the coupling, and it is connected to the inside of the hood with openings provided along its side and upper surfaces for diverting air through the sides and top of the hair and for preventing too much of it from impinging directly upon the neck. This relatively simple and uncomplicated structure uniformly distributes the heated air stream through the hair and prevents it from circulating about the head without passing through the hair. Furthermore, this economical structure prevents too much heated air from impinging directly upon the back of the neck and head and burning it.

Novel features and advantages of the present invention will become apparent to one skilled in the art from a reading of the following description in conjunction with the accompanying drawings wherein similar reference characters refer to similar parts and in which:

FIG. 1 is a side view in elevation of one embodiment of this invention;

FIG. 2 is a cross-sectional view taken through the embodiment shown in FIG. 1;

FIG. 3 is a cross-sectional view taken through FIG. 2 along the line 3-3;

FIG. 4 is an enlarged view of a ring portion of the embodiment shown in FIG. 1;

FIG. 5 is a cross-sectional view taken through the ring shown in FIG. 4;

FIG. 6 is a perspective view of the embodiment shown in FIG. 1 upon a human head showing the major paths of air distribution;

FIG. 7 is an enlarged view of a portion of the embodiment shown in FIG. 6 in a loose condition;

FIG. 8 is a pattern of the back panel of the embodiment shown in FIG. 6;

FIG. 9 is a pattern of the baffle sheet of the embodiment shown in FIG. 2; and

FIG. 10 is a front view in elevation of a portion of the embodiment shown in FIG. 7.

In FIG. 6 is shown a hair-drying hood 10 mounted upon the top 12 of a human head for directing a flow of

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heated air provided through a hose assembly 14 through the hair 16. The operative portions of hood 10 are more clearly illustrated in FIGS. 1-3, and they include a bag-shaped envelope 18 made of flexible sheet material such as a thin plastic. Bag-shaped envelope 18 includes an outer sheet 19 and an inner lining 20 which is, for example, a plastic material of a washable nature. Adjustment means 22 are provided for fitting hood 10 close to the head as shown in FIG. 6. These adjustment means 22 include ring-shaped clamping elements 24 into which are inserted top front and rear hood portions 26 and 28. Portions 26 and 28 are, for example, provided at the top front and rear corners 30 and 32 of a hood which is formed with a central seam passing through its top and sides. As shown in FIGS. 6 and 7, top rear portion 28 of hood 10 is substantially elongated to provide considerable latitude of adjustment, and a button 34 is fastened at the extremity of portion 26 to prevent adjusting ring 24 from falling off top front hood portion or tail 26.

A coupling means 36 is attached to the lower rear portion of the hood for connecting it to a flexible hose (not shown) which provides a flow of heated air to the hood. Outlet means for exhausting the air after it has passed through the hair are provided by perforations 38 in the front and side bottom of the hood. Coupling element 36 includes a tube 40 having split fingers 42 with projections upon their ends for engaging within a coupling adapter 44 upon a hose assembly 14. Coupling tube 40 is connected to the rear of hood 10 by clamping rear panel 46 shown in FIG. 8 between flange 48 of coupling tube 40 and flange 50 of securing insert 52 as shown in FIG. 2.

A baffle sheet 54 is connected to the inside of hood 10 along its side and upper surfaces for diverting air through the sides and top of the hair as shown in FIGS. 2 and 6 and for preventing too much air from impinging directly upon the neck. Baffle sheet 54 is accordingly attached at its lower edge 56 as shown in FIG. 3 to the inside of hood 10, and its upper edge 58 and side edges 60 are left substantially free to divert most of the air laterally and upwardly. However, several small perforations 62 are provided along the top edge of baffle sheet 54 to permit a little heated air to contact the lower rear of the head. Air is allowed to flow through the sides 60 of baffle sheet 54 by elongated slots 64 shown in FIGS. 3 and 9.

In FIGS. 3 and 9 are shown patterns of rear panel 46 and baffle sheet 54 which are heat-sealed together along their lower and side edges to adjacent portions of the hood which are cut to receive them to provide a highly simple and convenient means for forming the aforementioned baffle sheet from a portion of the lining of the hood. V-shaped notches 66 and 68 are formed in the lower edges of panels 46 and baffle sheet 54 to permit them to be drawn closely about the head of the wearer by means of a draw string 70 of an elastic nature which is heat-sealed within a seam 72 about the open end of the hood.

As shown in FIG. 6 this hood is capable of being fitted upon the head with a minimum spacing existing between its inner surface and the hair. This causes substantially all of the air provided from hose assembly 14 to flow through the hair and dry it. This avoids undue wasting of any air which might circulate about the head and through the outlet perforations 38 without contacting the hair. Furthermore, the simple baffle sheet 54 formed from a portion of the lining 20 of the hood cooperates with the close-fitted interior of the hood in a remarkably effective manner to circulate the air uniformly about the head. The small perforations 62 in the baffle sheet permit enough air to flow to the back of the head to ade-

quately dry it. Furthermore, the convenient mode of fabricating the rear panel and baffle sheet facilitates their fabrication and attachment to the rest of the hood.

What is claimed is:

1. A hair-drying hood comprising a bag-shaped envelope of flexible sheet material having an open end which engages the top of a human head, an adjustment means upon said envelope to permit it to be fitted close to the head, a coupling means at the lower rear portion of the envelope for connecting said hood to a source of heated air, outlet means in the front of said hood for discharging air from said hood, a baffle sheet attached to the inside of said hood in front of said coupling means said baffle sheet being limited to the rear area of said hood substantially in back of the nape of the neck of a head within said hood, said baffle sheet being connected to the inside of said hood with substantial openings provided along its side and upper surfaces for diverting air through the sides and top of the hair and for preventing too much air from impinging directly upon the neck, said opening along the top surface of said baffle being provided by attaching the sides of said top of said baffle sheet to said hood and freely supporting the portion of said top edge between said attached sides to provide an elongated curved outlet slot between said top of said baffle sheet and said hood for directing air from said outlet upwardly past the back of said nape of said neck, a connecting seam between the sides of said baffle sheet and said hood, and said openings along the sides of said baffle sheet being disposed adjacent said connecting seam for directing air forwardly along the sides of said head from position slightly forward of said nape of said neck.

2. A hood as set forth in claim 1 wherein said adjustment means comprising clamping means within which a portion of said envelope is inserted.

3. A hood as set forth in claim 2 wherein two upper portions of said hood are inserted into said clamping means for facilitating its adjustment close to the head.

4. A hood as set forth in claim 3 wherein the top front and rear corners of said hood are inserted into ring-shaped clamping elements.

5. A hood as set forth in claim 4 wherein said corner

at the top rear of said hood is substantially pointed and elongated.

6. A hood as set forth in claim 5 wherein said corner at the top front of said hood is substantially rounded.

7. A hood as set forth in claim 1 wherein an elastic band is provided about said open end for attaching said hood to the forehead.

8. A hood as set forth in claim 1 wherein said hood includes an outer sheet and a lining, and said baffle sheet is formed from a portion of said lining.

9. A hood as set forth in claim 1 wherein the openings adjacent the seam at the sides of said baffle sheet are provided by vertically disposed elongated slots in the sides of said baffle sheet adjacent said seam.

10. A hood as set forth in claim 1 wherein the upper end of said baffle sheet is perforated to permit a little air to impinge directly upon the back of the head.

11. A hood as set forth in claim 1 wherein the portion of said hood to which said coupling means is connected is formed by a rear panel and an attached baffle sheet, said coupling means being connected to said rear panel, and said baffle sheet being attached at its bottom end and along portions of its top and side to said rear panel and the adjacent portions of said hood.

12. A hood as set forth in claim 1 wherein said outlet means is provided by perforations in the front of said hood extending along the bottom of its sides.

13. A hood as set forth in claim 12 wherein a row of said perforations extends approximately midway along the bottom of its sides.

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