May 2, 1933. C. A. PFAHL 1,907,215

DRYING APPARATUS

Original Filed May 10, 1930

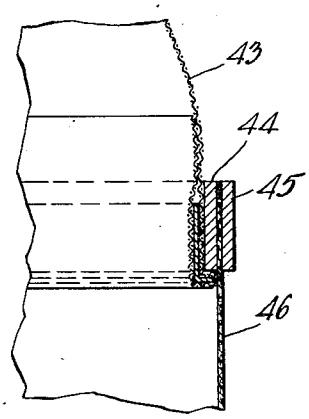


Fig.-2

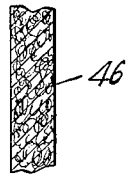


Fig.-3

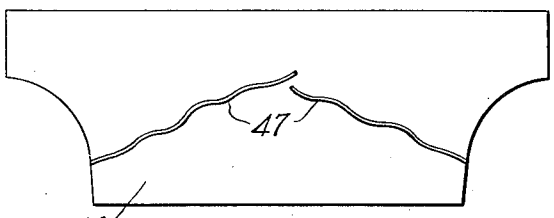


Fig.-4

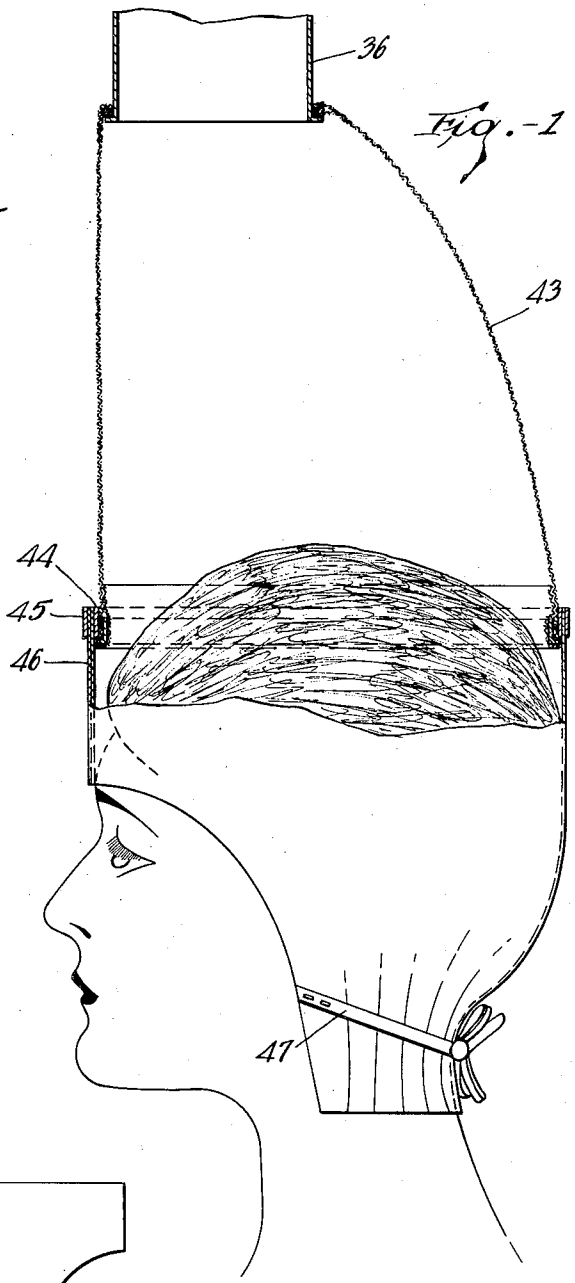


Fig.-1

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UNITED STATES PATENT OFFICE

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DRYING APPARATUS

Original application filed May 10, 1930, Serial No. 451,486. Divided and this application filed May 15, 1931. Serial No. 537,603.

This invention relates to heating and drying apparatus using hot air and more particularly to apparatus for individually drying the hair after washing or other wetting for beauty culture purposes.

The general purpose of the invention is to provide a hood for a hot air drying apparatus adapted to fit about the hair and being pervious to air so that the warm air forced down about the head will pass out through the hood near the hair in all directions.

It is also an object of the invention to provide replaceable, sanitary hoods so that each person using a hair dryer will have an individual hood.

The above and other objects of the invention are achieved by the apparatus illustrated and described below, it being understood that the invention is not limited to the exact details thereof shown and described. This application is a division of application Serial No. 451,486, filed May 10, 1930.

In the drawing,

Figure 1 is an enlarged sectional view of a hood embodying the invention shown applied to the head;

Figure 2 is an enlarged detailed view of a portion of Figure 1;

Figure 3 is a detail section through the sanitary napkin hood member; and

Figure 4 is a plan view of the unfolded sanitary napkin hood incorporated in the invention.

Referring to Figure 1 of the drawing, there is shown therein the lower portion 36 of a telescopic pipe through which is delivered heated air for hair drying purposes. According to the original specification, the pipe 36 may be one of a plurality of such pipes, and they may be connected to a common device for heating the air.

Secured to the bottom of the telescoping pipe 36 is a flexible hood member 43 of air-tight material to the bottom of which is fixed a hoop 44. The hoop 44 is adapted to cooperate with a slightly larger hoop 45 in the manner of embroidery hoops to removably hold a hood member 46 about the head of a person using the dryer as shown in Figure 1. The hood member 46 is of fibrous material pervious to air such as cloth felted fibrous material or porous paper and is normally furnished in flat form as illustrated in Figure 4. Cords 47 may be provided on the hood member 46 which may be tied behind the user's neck, the lower portion of the hood being gathered under the strings to secure the hood snugly about the head as seen in Figure 1.

The operation of the device is as follows:

A fresh, clean, sanitary hood member 46 is folded into hood shape and removably secured to the flexible, airtight hood member 43 through the agency of the cooperating hoops 44 and 45. The ends of the hood member 46 may be merely overlapped and held by the hoops. However, clips, pins or snaps are preferably used to assist in holding the hood member in shape at points remote from the hoops. The length of the telescoping pipe 36 is adjusted so that the hood 43 is brought down into relation with the head to be dried as illustrated in Figure 1. The cords 47 are tied behind the user's neck which draw the removable hood member snugly about the head. The flexibility of the air-tight hood member 43 allows the user considerable freedom of head movement. Hot air may now be delivered to the hoods as described in the original application.

After one person has dried her hair the hood member 46 used by her is removed and discarded or sent to be cleaned, and a fresh one is clamped on the flexible hood 43 in its place by the hoops 44 and 45.

As many changes could be made in the construction disclosed it is intended that all matter contained in the above description or illustrated in the accompanying drawing shall be interpreted as illustrative only and not in a limiting sense. Accordingly, various modifications and applications of the invention can be resorted to without departing from the spirit of the invention or the scope of the appended claims.

What is claimed is:

1. In combination, a flexible, air-tight hood member, means for supplying hot air to said hood member and a sanitary, air-pervious hood member removably held at the bottom

of said first hood member to fit about a user's head whereby the hair will be dried by the flow of hot air into and through said second-named hood member.

2. In combination, an air-tight hood member, means for supplying hot air to said hood member, and a sanitary, air-pervious hood member removably held at the bottom of said first hood member to fit about a user's head whereby the hair will be dried by the flow of hot air into and through said second-named hood member.

3. Apparatus for drying hair comprising a conduit for supplying hot air, a hood member of flexible, relatively impervious material connected thereto and to which the air is delivered, and a hood member of flexible, pervious material at the lower portion of the hood to fit about a person's head whereby heated air is conveyed to the hair by the impervious hood and passed through the hair and out through the pervious hood in all directions about the head.

4. Apparatus for drying hair including a hood member of air-pervious material adapted to be fitted about the head, and means for supplying heated air to the interior of the hood so as to pass through the hair and out through the hood in all directions.

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