Jan. 27, 1931. M. PICKARD 1,790,283

HAIR DRIER

Filed March 22, 1930

Fig 1.

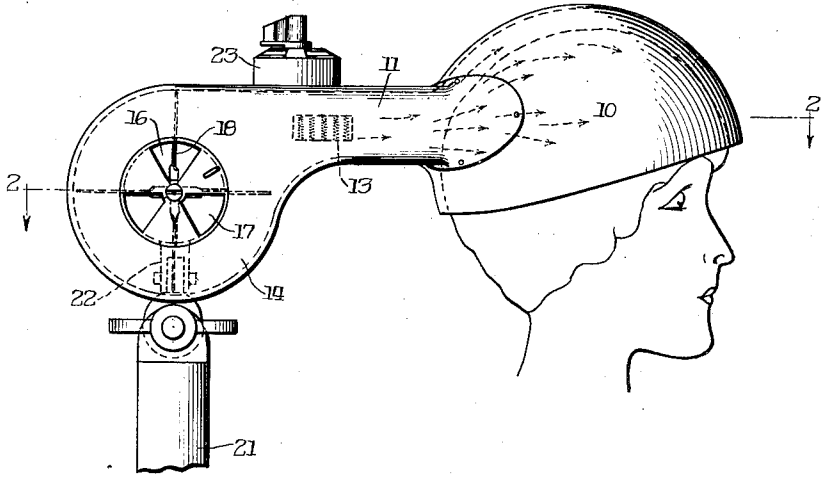
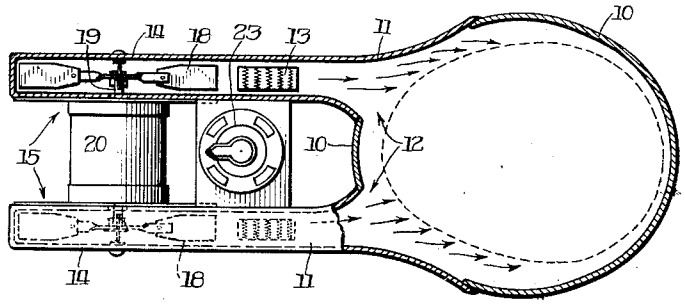


Fig 2.



Inventor:
Morris Pickard.
By Chisholm Parker Karlson
Attys

Patented Jan. 27, 1931

1,790,283

UNITED STATES PATENT OFFICE

MORRIS PICKARD, OF CHICAGO, ILLINOIS

HAIR DRIER

Application filed March 22, 1930. Serial No. 437,987.

This invention relates to improvements in hair driers and more particularly to the type in which a current of warm air is forced into a hood or casing enclosing the upper portion of a person's head and acting to distribute the air to the different parts of the hair.

In prior driers of this type, the conduit through which the air is supplied enters at the rear or top of the hood thereby directing the blast of air against the back or top of the head being treated. According to modern modes of dressing, there is very little hair on these parts of the head after the hair has been set in waves, the bulk of the hair being at the sides of the head opposite the person's ears. With driers of the above type, drying of the hair takes place slowly and unevenly because the air is delivered to the head at a point where the hair is the thinnest.

The primary object of the present invention is to provide a new and improved hair drier of the above general character in which the heated air is properly distributed to the hair by being delivered through a plurality of separate conduits entering the hood of the drier at the sides and near the rear of the latter so as to come in contact immediately with the more bulky parts of the hair.

Another object is to provide a novel means for delivering air to the separate supply conduits, which means operates efficiently, lends a neat and artistic appearance to the drier as a whole, and affords a rugged and convenient means through which the apparatus may be supported.

Other objects and advantages of the invention will become apparent from the following detailed description taken in connection with the accompanying drawings, in which

Figure 1 is a side elevational view of a hair drier embodying the features of the present invention.

Fig. 2 is a plan view showing a part of the drier as a section taken along the line 2—2 of Fig. 1.

While the invention is susceptible of various modifications and alternative constructions, I have shown in the drawings and will herein describe in detail the preferred embodiment, but it is to be understood that I do not thereby intend to limit the invention to the specific form disclosed, but intend to cover all modifications and alternative constructions falling within the spirit and scope of the invention as expressed in the appended claims.

In its exemplary form the invention is embodied in a drier having a hood or casing 10 adapted to fit over the head of a person as shown in Fig. 1 so as to entirely enclose the upper portion of the head in spaced relation thereto. The air forced into the hood is thus confined about the hair and distributed to all parts thereof, being expelled from the bottom of the hood.

Means is provided for supplying a large volume of heated air at a plurality of spaced points so located about the hood that the air currents will immediately come in contact with the large mass of hair which is located above and behind the ears of the person being treated after the hair has been set in waves. This means comprises two horizontal conduits 11 whose forward ends flare outwardly and are secured to the edges of the hood which define apertures 12 in the rear portion of the hood and at opposite sides thereof. In passing through the conduits 11 the air is warmed to the desired degree by coming in contact with electric heating elements 13.

Preferably the two conduits 11 are substantially straight and extend rearwardly from the hood in parallel spaced relation. At their ends, the conduits merge into circular casings 14 of two separate blowers 15 which have oppositely facing intake openings 16 controllable by suitable valves 17. The fans 18 of the two blowers are rigid with opposite ends of the shaft 19 of a motor 20, to the housing of which the blower casings are secured.

The two conduits are thus rigidly connected at opposite ends so that an extremely rugged construction is formed which can be conveniently supported from an adjustable standard 21 through the medium of a bracket 22 rigid with the blower casings. Through the use of separate blowers for delivering air to the spaced conduits, the overall dimensions

of the drier unit and the size of the motor may be reduced to a minimum and the motor may be located with its shaft in horizontal position.

In operation the hood 10 is adjusted to the head of the person to be treated, after which the motor is started and the heating elements energized by closing a suitable switch 23 carried between the conduits on a cross member 24. Currents of warm air are forced through the conduits and discharged in a forward direction at opposite sides of the hood so that most of the air will be directed against the mass of the person's hair just above and behind the ears as is indicated by the arrows in the drawings. Some of the heated air confined by the hood will pass over the top and around the back of the person's head so that the drying action will be substantially uniform throughout the entire mass of hair. In this way the hair as a whole is dried quickly and uniformly without discomfort to the person being treated because the supply of air is concentrated at points where the bulk of the hair is located after being set in waves.

I claim as my invention:

1. A hair drier comprising a hood adapted to enclose the sides and top of a person's head in spaced relation thereto, a pair of conduits communicating with the rear portion of said hood and extending rearwardly therefrom in spaced parallel relation, a pair of blowers arranged in spaced relation and each adapted to deliver air to the rear end of one of said conduits, a motor positioned between and rigidly connected to said casings, said motor having a shaft disposed in horizontal position with opposite ends projecting into the blower casings and carrying the blower fans, and a heating element in each conduit between its blower and the hood.

2. A hair drier combining a hood adapted to be positioned over and to enclose the upper portion of a human head, two separated conduits entering said hood at the rear and on opposite sides thereof so as to direct currents of air forwardly and along opposite sides of said head, two independent blowers, each for forcing air through one of said conduits, and a common motor for driving both of said blowers.

3. A hair drier combining a hood adapted to be positioned over and to enclose the upper portion of a human head, two separated conduits entering said hood at the rear and on opposite sides thereof so as to direct currents of air forwardly and along opposite sides of said head, and means for forcing air through said conduits.

4. A hair drier comprising, in combination, a hood adapted to fit over and enclose the sides of a human head, a pair of separated conduits communicating with said hood at spaced points and arranged to discharge currents of air into the hood and along the opposite sides of the head enclosed thereby, and means for delivering air to said conduits.

In testimony whereof, I have hereunto affixed my signature.

MORRIS PICKARD.