

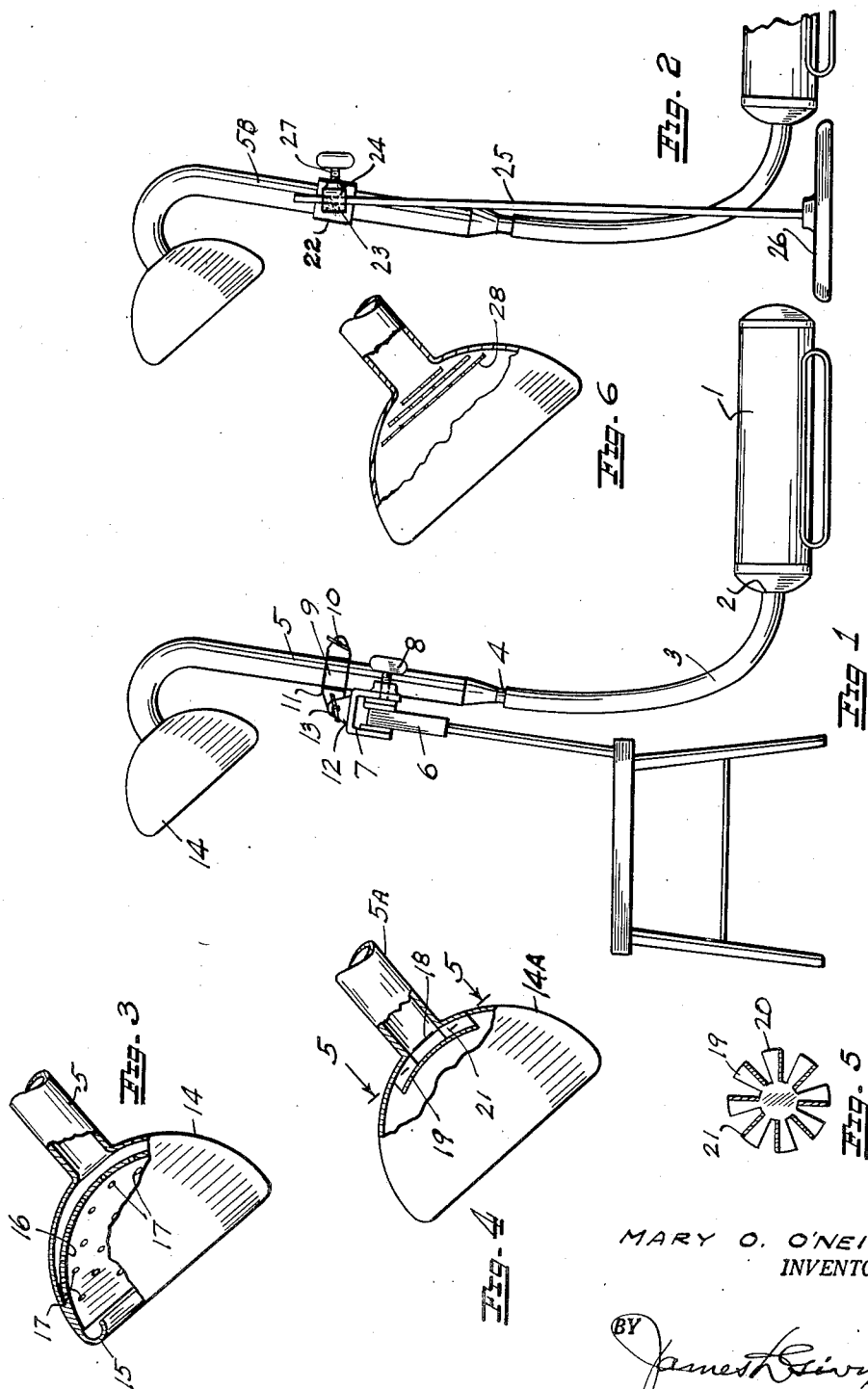
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HAIR DRYING ATTACHMENT FOR VACUUM CLEANERS

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HAIR DRYING ATTACHMENT FOR
VACUUM CLEANERS

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1 Claim. (Cl. 34—99)

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This invention relates to improvements in hair drying devices and more particularly to a new and novel hood for placement about the head of a user and a new and novel means for adjustably inter-connecting the hood with a conventional vacuum cleaner.

A further object of the invention is the provision of means within a hood for spreading or radiating the flow of air into the hood to cause complete circulation of air through the hair of the user rather than directing the air to a fixed area which ordinarily would be at the point of connection of the air supply tube with the interior of the hood.

A still further object is the provision of a new and novel support for the hood and its air supply tube, enabling the device to be attached to the back-rest of a chair or to a floor standard to render the device portable.

These and other objects will appear as my invention is more fully hereinafter described in the following specification, illustrated in the accompanying drawing, and finally pointed out in the appended claim.

In the drawing:

Figure 1 is a side elevation of a hair drying device made in accordance with my invention and shown adjustably attached to the back-rest of a chair.

Figure 2 is a side elevation of the device adjustably attached to a floor standard.

Figure 3 is a side elevation of one form of hood partly in section and with fragments broken away for convenience of illustration.

Figure 4 is a view similar to Figure 3 showing a modified form of air distributing means which I have illustrated in plan view in Figure 5.

Figure 6 is another view similar to Figure 3, showing a further modified form of hood.

Referring now more particularly to the drawing:

In Figure 1, reference numeral 1 indicates generally any conventional type of vacuum cleaner having the usual outlet 2 at one of its ends for air under pressure generated by the air fan within the vacuum cleaner. To this air outlet I secure by any suitable means one end of a flexible air tube 3 whose opposite end connects by a friction fit with a reduced end 4 of one end of an air supply pipe 5 whose opposite end is turned back on itself, as shown. For attaching the pipe to various supports, such, for instance, as the back-rest 6 of a chair—I provide a clamping element 7 including a clamping bolt 8 threaded through one side of the clamp 7 to grip the back-

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rest of the chair as shown. The pipe 5 is attached to the clamp 7 for vertical adjustment with respect thereto by means of a split collar 9 which may be clamped to the pipe in any adjusted position by means of a thumb screw 10. To render the pipe swingable in a vertical plan for adjustment with respect to the head of the user, I swingably attach the collar 9 by means of a lug 11 to a bifurcated bracket 12 by means of a thumb bolt 13. The pipe 5, of course, is also rotatable about its major axis within the split collar 9 and settable into any of the adjusted positions by means of the thumb screw 10.

Attached to, or formed integral with the uppermost end of the pipe 5, is a drying hood 14 having an inwardly and rearwardly turned rim portion 15 to surround the head of the user at approximately the hair line thereof. On the interior of the hood and in spaced relation thereto, as shown, I provide a dome-shaped air deflecting plate formed with a plurality of apertures 17 for distributing the air under pressure from the pipe 5 over the entire scalp of the user.

In the modified form of hood shown in Figure 4, and indicated at 14A, I cover the air inlet opening 18 from the air supply pipe 5A with a fixed air deflector 19 made up of a plurality of radially disposed and curved blades 20 secured by their upturned edges 21 in spaced relation to the interior of the hood 14A. This form of air deflector imparts a swirling motion to the air as it enters the hood and is directed into and through the hair of the user.

In the modified form of the invention illustrated in Figure 2, the air supply pipe 5B is slidably mounted by a friction fit within a sleeve 22 to which is pivotally connected a lug 23 which is apertured as at 24 for adjustable engagement with a supporting column or standard 25 secured to and extending upwardly from a portable base 26. The pipe 5B, sleeve 22 and lug 23 are held in any adjusted position on the standard 25 by means of a thumb bolt 27 threaded into the lug to bear against the standard.

The form of deflector illustrated in Figure 6 comprises a plurality of spaced apart apertured disks 28 of progressively increasing diameters secured to the interior of the hood.

While I have shown a particular form of embodiment of my invention, I am aware that many minor changes therein will readily suggest themselves to others skilled in the art, without departing from the spirit and scope of the invention. Having thus described the invention, what I

claim as new and desire to protect by Letters Patent is:

Hair drying apparatus comprising in combination an air blower, a pipe yieldingly connected at one of its ends to said blower, the opposite end of the pipe being turned back on itself and fixedly secured to and in open communication with a dome-shaped hood, a circular plate of arcuate shape in cross section corresponding with the shape of the hood disposed on the interior of the hood, said plate being cut into a plurality of radially disposed air-deflecting curved blades, the upturned edges of the curved blades being secured to the hood for maintaining the plate in spaced relation to the hood.

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