Sept. 22, 1942. M. THOMPSON 2,296,484

PROTECTIVE APPLIANCE FOR HAIR DRIERS

Filed Oct. 28, 1941

Fig. 1

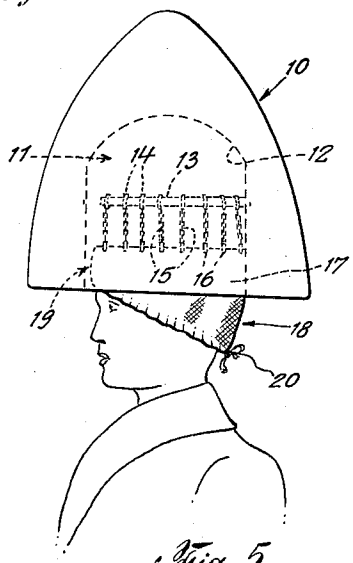


Fig. 2

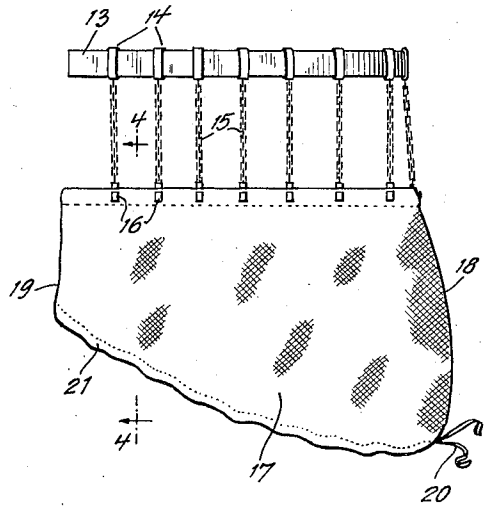


Fig. 5

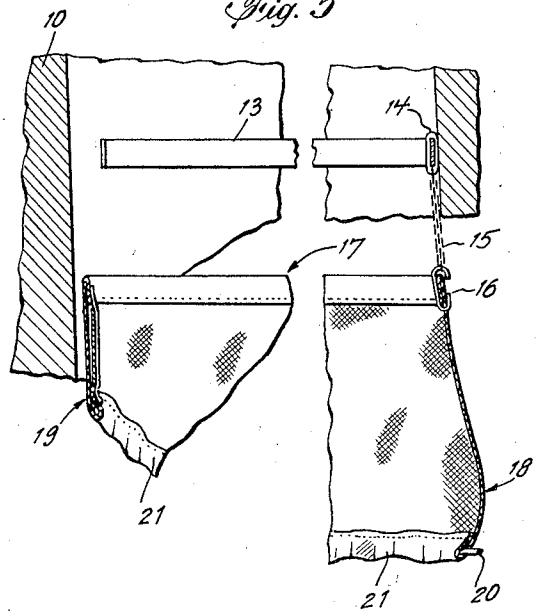


Fig. 3

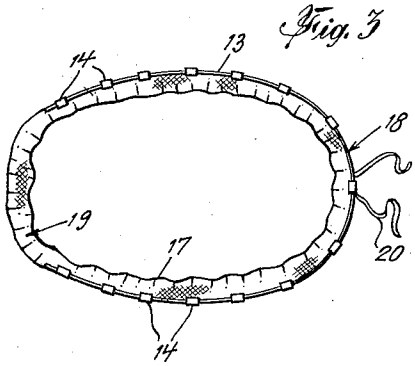
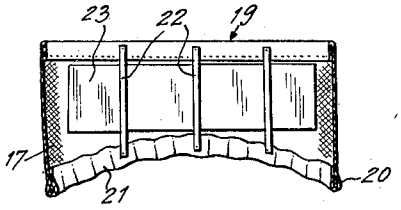


Fig. 4



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PROTECTIVE APPLIANCE FOR HAIR DRIERS

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Application October 28, 1941, Serial No. 416,849

2 Claims. (Cl. 34—90)

This invention relates to appliances for use in so-called beauty shops or beauty parlors, and aims to provide a useful and practical article adapted to be releasably secured in the hood of a heated hair drier and applied about the head of the wearer in such a fashion as to protect the forehead, ears and neck of the wearer from the heat coming down from the dome.

Another object of the invention is the provision of adjustable securing means on the device so that it may readily fit into, and be releasably secured in, hair drying hoods of various sizes.

A further object is the provision of such an article in a form in which it is practical and efficient in operation and yet simple and inexpensive in cost of manufacture.

The above and other objects will become apparent in the description below, reference being had to the accompanying drawing which forms a part thereof. It is to be noted that the drawing is intended to serve the purpose of illustration only, and it is neither intended nor desired that the invention be limited necessarily to the exact details of construction shown excepting insofar as is consistent with the spirit and scope of the invention.

Referring briefly to the drawing, Figure 1 is a side elevational view of a hair drier applied to the head of a person, showing the device applied thereto.

Figure 2 is a side elevational view of the device itself.

Figure 3 is a plan view of the device.

Figure 4 is a cross-sectional view taken on the line 4—4 of Figure 2.

Figure 5 is a fragmentary longitudinal view through the hood and the device of Figure 1.

Referring in detail to the drawing, the numeral 10 indicates, by way of illustration only, a hair drying hood. Such hoods are usually hollow and have electric heating coils, not shown, within the walls, which supply the heat for the purpose of drying the hair.

The hollow chamber 11 of the hood 10 is enclosed by the inner wall 12, and the hood is slipped over the head of a person with the top of the head registering in the chamber 11. As commonly used, the heat in the chamber 11 is continuously supplied by the electric coils, and some of the heat continually escapes through the bottom of the hood around the face and neck of the wearer. This occasions considerable discomfort, which the present invention aims to overcome.

The device comprises a substantially U-shaped or horse shoe shaped resilient frame 13, made of spring steel or any other suitable material. A plurality of collars 14, which may be of a suitable metal or any other desired material, are slidably mounted on the frame 13. Straps or chains 15 hang from the collars 14, one from each collar, and each chain 15 has a hook 16 at its lower extremity. A cloth band 17, made of any desired or suitable material, has its upper peripheral edge secured detachably to the hooks 16, whereby it is suspended from the chains 15. The pattern of the band 18 is so cut that the rear end 18 extends downward lower than the forward end 19, the plane of the lower peripheral edge of the band 18 thus lying at an angle to the horizontal, substantially as shown. A tie band 20, which may be elastic if desired, is threaded through a hem 21 formed in this lower peripheral edge, whereby the said edge may be tightened about the head of the wearer.

As shown in Figure 1, the device is applied to the hood and to the head of the person, with the shorter end 19 of the cloth band 17 covering the forehead. Since this part of the head lies either in, or very near to, the chamber 11, and it is unprotected by hair, it is the part most sensitive to the heat emanating from the chamber 11. It has therefore been thought desirable to insulate the forehead further from the heat by providing means for mounting one or more layers of tissue paper or the like against the inner surface of the part 19 of the band 17. A series of spaced vertical loops 22 are secured by their ends against this inner surface, and a length of tissue paper 23 may be drawn therethrough to be held between the front 19 of the band 17 and the forehead of the wearer. This paper may be removed and destroyed as soon as the drying operation is over.

The device as shown in Figure 3 appears substantially as it would when in position in the hood 10. When outside the hood, however, the resiliency of the frame 13 forces the two arms thereof apart from each other as far as the front length of the band 17 will permit. In use, the device is inserted into the chamber 11 to the desired position and the arms of the frame 13 are released, whence they spread apart and frictionally grip the walls 12 and thus support the device in place. With the string 20 undone or loose, the band 17 is then slipped around the head, with the front section 19 covering the forehead and the rear 18 extending down to the end of the hair line of the neck, and the string 20 is then tightened. Now, with the heat turned on, the forehead, ears and neck are all well protected from

excessive heat, and the discomfort of the person is reduced to a minimum.

The loose suspension of the band 17 from the frame 13, by virtue of the chains 15, permit of some freedom of movement of the head of the wearer during the drying operation, which is obviously desirable. The hooks 16 serve as a means of securing the band 17 to the chains, and the band is thus easily removable from these hooks for laundering, and a new band may likewise be easily attached. Of course any other securing means which will serve the same purpose may be used instead of the hooks shown. The slidability of the collars 14 on the frame 13 permits what may be termed collapse of the device when stored, as the collars may all be slid to the center of the frame, permitting the frame to asume its inherently normal position, a straight line.

Obviously, modifications in form and structure may be made without departing from the spirit and scope of the invention.

I claim:

1. A device of the class described comprising a horizontal resilient U-shaped frame, a plurality of spaced chains secured to and suspended from said frame throughout the length of the frame, and an endless cloth band having its upper peripheral edge secured to said chains, said band below the open end of said U frame being of substantially lesser width than at the opposite end of said U, the lower peripheral edge of said band having a tie string thereon.

2. A device of the class described comprising a horizontal resilient U-shaped frame, a plurality of spaced collars slidably mounted on said frame, chains secured to said collars and suspended therefrom, hooks on the ends of said chains, and an endless cloth band having its upper peripheral edge secured to said hooks, said band below the open end of said U frame being of substantially lesser width than at the opposite end of said U, the lower peripheral edge of said band having a tie string thereon.

MELCENA THOMPSON.