

Jan. 3, 1933.

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1,893,352

HAIR WAVING PAD

Filed March 14, 1932

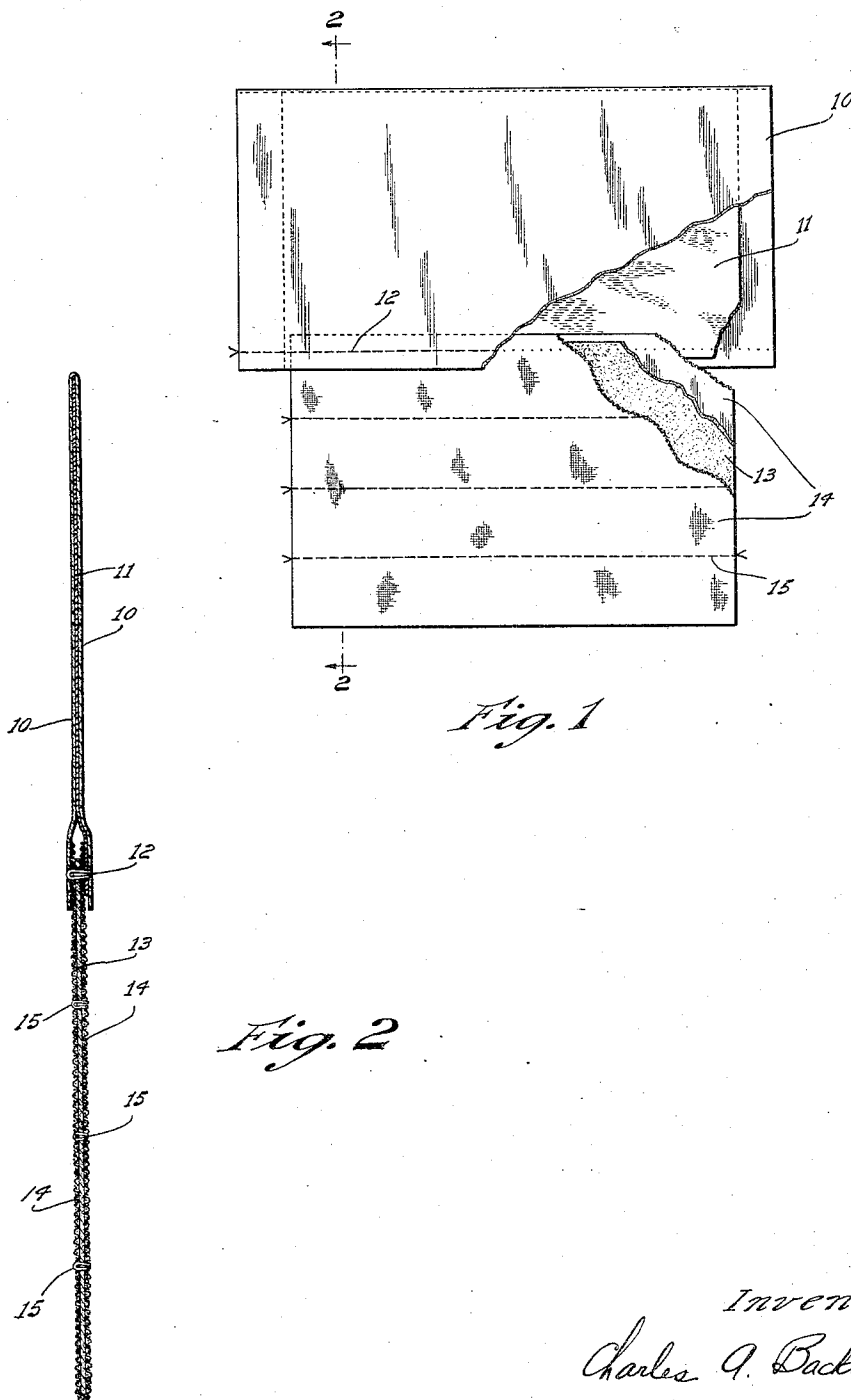


Fig. 1

Fig. 2

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HAIR WAVING PAD

Application filed March 14, 1932. Serial No. 598,670.

My present invention relates to hair waving apparatus, and has particular reference to improvements in pads therefor.

The pads now in use include a flannel portion which is to be dipped into hair treatment lotion and a moisture impervious cover portion of treated paper or the like which is attached to the flannel portion and preferably includes a sheet of metal foil, such as aluminum. In the operation of hair waving, the moistened flannel portion is wound around a strand of hair, coiled on a central core, the cover portion is wound around the flannel portion, and the edges of the cover portion are crimped to crimp the metal foil and lock the pad on the strand of hair; the strand with its core and the pad are then positioned in a heating tube, and the application of heat thoroughly steams the hair, impregnates it with the solution chemicals, and sets the coiled strand.

One serious difficulty found in the practical application of this procedure resides in the tendency to dry out the pad and thus subject the hair to substantially direct heat of the heating elements, the interposition of the flannel and the cover not being sufficient in extreme cases to protect the strand against scorching and burning. It is the principal object of my invention to provide a pad construction that will eliminate all danger of burning and scorching, and will effectively insulate and protect the hair against excessive heating conditions.

A further difficulty in the use of the standard type pads has been found in the length of time necessary for the treatment, this duration being dependent on the ability of the flannel to expel its solution when heated. The duration of the treatment time has also been found to depend on the rate of rise of temperature of the solution vapor surrounding the coiled strand, a high vapor temperature which is quickly reached resulting in a greater penetration of the hair and a more

effective treatment. It is a further object of my invention to utilize a material for absorbing and expelling the hair treating solution that will more quickly expel the solution, and will therefore result in a more rapid rise in temperature of the solution vapor.

With these and other objects and advantageous features in view, the invention consists of a novel arrangement of parts more fully described in the detailed description following and illustrated in the accompanying drawing, and more specifically defined in the claims appended hereto.

In the drawing, Fig. 1 is a plan view, partly broken away, of a preferred form of novel hair waving pad; and

Fig. 2 is an enlarged section thereof, on the line 2-2 of Fig. 1.

Referring to the drawing, the cover 10 is preferably made of a sheet of liquid impervious material, such as treated paper, cellophane, or the like, folded over to form a cover portion in which a sheet 11 of aluminum or other soft metal foil is housed. The solution absorbing and expelling portion depends from the cover portion, being secured thereto by stitching 12 or other fastening means, and includes a sheet 13 of asbestos cloth and an envelope 14 of gauze or the like around the asbestos sheet, the two being preferably secured together by stitching 15.

The lower section being thoroughly saturated with suitable hair treatment solution, it is wound around a coiled strand of hair and the winding is continued to bring the cover around the solution saturated section, the ends of the cover being crimped to lock the pad on the strand core. The heating tube is now placed over the wound pad, and the heat applied; it has been found that the asbestos sheet quickly expels the solution and produces a rapid rise in the vapor temperature, while at the same time protecting the strand against excessive heat and resultant scorching and burning. The time of treatment is

thus reduced, and the effectiveness of the treatment increased.

While I have described a specific form of pad construction, the essential feature is the utilization of asbestos textile material as a hair treatment solution absorbent and expellant to produce a quicker and a better treatment, and as a safe barrier for protecting the hair strands against scorching and burning during the treatment. The use of a gauze container is preferred, as the asbestos sheets have a tendency to cling to the hair. Desired changes in the shape of the pad elements, in their relative arrangement, and in the material used, other than the asbestos, may be made to better accord with the different treatment solutions and the individual treatment procedures, within the spirit and the scope of the invention as defined in the appended claims.

I claim:

1. In a pad for the treatment of hair, a sheet of fluid resistant material, a sheet of soft metal foil secured thereto, and a sheet of asbestos textile material depending from said fluid resistant material sheet.

2. In a pad for the treatment of hair, a sheet of fluid resistant material folded to form a cover, a sheet of soft metal foil secured within said cover, and a sheet of asbestos textile material depending from said cover.

3. In a pad for the treatment of hair, a sheet of fluid resistant material folded to form a cover, a sheet of metal foil secured within said cover, and a sheet of asbestos textile material depending from said cover, said sheets being secured together by a single line of stitching.

4. In a pad for the treatment of hair, a sheet of fluid resistant material folded to form a cover, a sheet of metal foil secured within said cover, a sheet of asbestos textile material depending from said cover, and a gauze sheet adjacent one surface of said sheet of asbestos textile material.

5. In a pad for the treatment of hair, a sheet of fluid resistant material folded to form a cover, a sheet of metal foil secured within said cover, a sheet of asbestos textile material depending from said cover, and a gauze sheet covering said sheet of asbestos textile material.

6. In a pad for the treatment of hair, a sheet of fluid resistant material folded to form a cover, a sheet of metal foil secured within said cover, a sheet of asbestos textile material depending from said cover, and a gauze sheet covering said sheet of asbestos textile material and secured thereto by stitching.

7. In a pad for the treatment of hair, a sheet of fluid resistant material folded to form a cover, a sheet of metal foil secured within said cover, a sheet of asbestos textile material

depending from said cover, and a gauze sheet covering said sheet of asbestos textile material and secured thereto by spaced rows of stitching.

8. In a pad for the treatment of hair, a sheet of fluid resistant material folded to form a cover, a sheet of metal foil secured within said cover, a sheet of asbestos textile material depending from said cover, and a gauze sheet covering said sheet of asbestos textile material and secured thereto by stitching, said sheets being secured together by a single line of stitching.

Signed at Providence in the county of Providence and State of Rhode Island this 4th day of March, A. D. 1932.

CHARLES A. BACKMAN.