Feb. 14, 1928. 1,659,490

P. KUNIN

PERMANENT WAVE PAD

Filed May 23, 1927

Fig. 2.

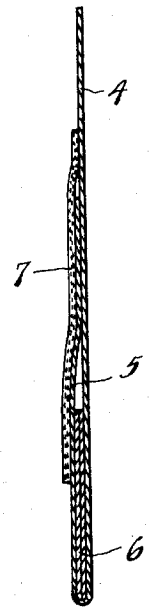


Fig. 1.

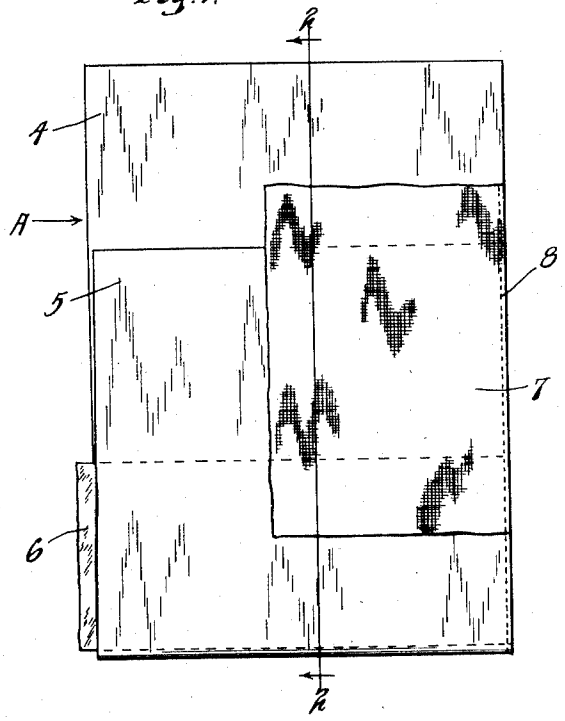
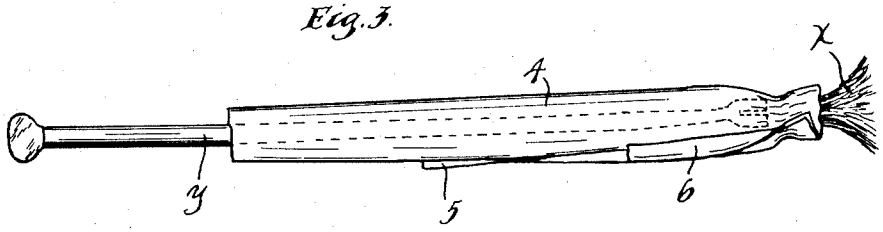


Fig. 3.



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UNITED STATES PATENT OFFICE.

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PERMANENT-WAVE PAD.

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This invention relates to paraphernalia for use in the process of permanent hair waving and especially to a so called steam pad adapted to surround and incase a tress of hair wound upon a metal curler. In the process of permanent hair waving, as carried out at the present time, it is customary to first wind a tress of hair upon a metal curling rod, then to cover the wound tress of hair with a piece of flannel or other absorbent material saturated with a solution and then to tie the ends of the piece of absorbent material to the rod with string thus incasing the lock of hair. Sometimes a relatively wide strip of non-absorbent paper or other material is wound about the flannel and also tied to the rod to more efficiently retain the steam about the tress within, and thereafter the holder is subjected to the action of a heating unit. Obviously, the tying of the flannel and strip to the rod consumes considerable time and labor, especially since in waving a single head of hair from eighteen to thirty tresses must be separately processed.

It is the main object of my present invention to provide a highly efficient steam pad for applying the hair treating solution and incasing the wound tress which will eliminate the objectionable features above described and which may be wound about the hair and rod and retained in operative position without the use of strings or other extraneous retaining means.

More specifically it is an object to provide a unitary steam pad for permanent waving, which will have as a constituent part thereof a ply or strip of non-elastic material adapted to retain its shape when wound, to thereby hold the entire pad in operative position on the rod.

These and other objects and advantages of the invention will be apparent from the following description made in connection with the accompanying drawings wherein like reference characters refer to similar parts throughout the several views and in which:—

Fig. 1 is a plan view of a preferred embodiment of my invention;

Fig. 2 is a cross section taken on the line 2—2 of Fig. 1; and

Fig. 3 is a side elevation showing the pad applied in operative position about a tress of hair on a curling rod adapted for insertion in a permanent wave heating unit.

In making my improved pad I prefer to fold an elongated sheet of relatively non-absorbent flexible material A, such as rice or thin parchment paper to form outer and inner plies 4 and 5, of unequal length. I interpose a strip of relatively heavy flexible non-elastic material 6 between said plies and adjacent the folded edge of the sheet. This material may be metal foil or any other flexible material which is non-elastic in nature and will furthermore retain its shape when rolled or wound. As illustrated, a doubled strip of metal foil is employed extending across the entire width of the paper sheet and of approximately one-third the length thereof.

A relatively small rectangular sheet of absorbent material 7, such as flannel or lint is laid over a portion of the folded sheet A having one of its longitudinal edges substantially coincident with one of the longitudinal edges of said sheet. I prefer to construct absorbent sheet 7 of generally similar shape but considerably smaller size than the folded non-absorbent sheet and to position the lower edge of sheet 7 some distance above the folded edge of sheet A. Sheets 7 and A and foil strip 6 are next secured together preferably by stitching along the line 8 through the several plies of material and the ends of folded sheet A are stitched together as well as to the other elements of the finished pad.

In using my pad the absorbent sheet 7 is first saturated with the hair treating solution and the pad is then applied to a tress of hair X wound on the usual permanent wave curling rod Y. The pad is then wound snugly about the tress and rod, care being taken to keep the lower reinforced end of the pad some distance below the end of the rod. This leaves a portion of the foil strip between the scalp and the rod, and said portion is tightly crimped about the tress of hair below the rod to retain the entire pad in operative position. The character of the foil or other non-elastic, form retaining material used when crimped, firmly secures the pad and eliminates the necessity for strings or other retaining members. It will be noticed that the upper portion of the pad when applied to the hair is considerably

thinner than the lower reinforced portion and will give a generally tapered effect to the tube formed about the hair. This permits the rod with the hair and pad thereon to be easily inserted into the tube of the heater.

It will be noticed that a single line of stitching 8 secures the several elements of the pad together for easy handling. The pads may be made at little cost and are especially well adapted for mailing or shipping.

By merely winding the pad about the rod with the tress thereon, the hair is incased by the absorbent sheet holding the hair treating solution, as well as by the non-absorbent sheet A incasing the curled tress and subjecting the same to the action of the steam. The pad when applied, of course, takes the form of a tapered tube and regardless of the diameter of the tress on the rod may be successfully applied.

From the foregoing description it will be seen that I have invented a simple but highly efficient article for use in the process of permanent hair waving. By the use of my pad a large amount of labor and time will be eliminated in preparing the hair for treatment and the tress of hair will always be properly incased for effective steaming.

It will, of course, be understood that various changes may be made in the form, details, arrangement and proportions of parts without departing from the scope of the invention.

What is claimed is:

1. A pad for permanent hair waving, comprising an incasing sheet folded on itself to form a doubled portion, a strip of flexible relatively heavy material adapted to retain its shape when wound interposed between the plies of said doubled portion and a sheet of absorbent material adapted to hold hair treating solution, said sheets being secured together.

2. A pad for permanent hair waving, comprising a relatively non-absorbent incasing sheet folded on itself to form portions of unequal length, the longer portion thereof being the exterior of the pad, a relatively narrow sheet of metal foil disposed between the plies of said folded sheet having one of its lateral edges coincident with one of the edges of said folded sheet, a relatively small sheet of absorbent material adapted to hold hair treating solution laid upon said folded sheet with one of its edges coincident with the coincident edges of said first mentioned sheets, said sheets being stitched together through their said coincident edges.

3. A pad for permanent hair waving, comprising an outer incasing sheet of relatively non-absorbent material, an inner incasing sheet of relatively non-absorbent material, a sheet of metal foil adapted to retain its shape when wound, disposed between said sheets, and encased thereby and a sheet of relatively absorbent material disposed on the outer surface of one of said incasing sheets, and means for securing said sheets and said foil together.

4. A pad for permanent hair waving, comprising a relatively non-absorbent incasing, sheet folded on itself to form a double portion, a sheet of metal foil interposed between the plies of said double portion and having one of its edges substantially parallel with the fold and incased thereby, and a sheet of absorbent material on the outer surface of said incasing sheet, and means for securing said sheets together.

In testimony whereof I affix my signature.

PAUL KUNIN.