Feb. 5, 1946. C. J. ALTMAN 2,394,224

CURLING METHOD

Filed Nov. 8, 1944

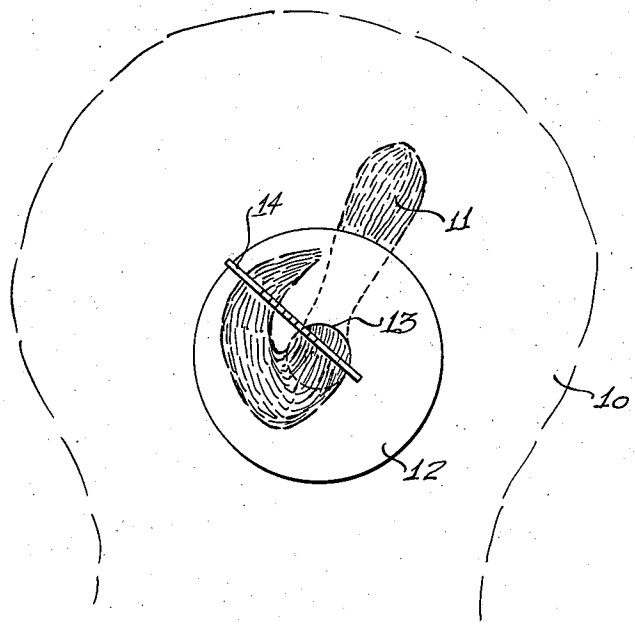



Fig. 1.

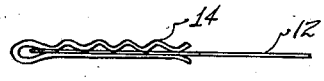



Fig. 2

INVENTOR.

BY Clara J. Altman

Daniel G. Mullen

Patented Feb. 5, 1946

2,394,224

# UNITED STATES PATENT OFFICE

2,394,224

## CURLING METHOD

Clara J. Altman, Detroit, Mich.

Application November 8, 1944, Serial No. 562,448

3 Claims. (Cl. 132—31)

This application relates to the art of curling hair.

More particularly, the type of curl to which this application relates is the curl commonly known as a pin curl, wherein a strand, comprising a plurality of filaments, is spirally wound, without the use of a spindle, so that the curl lies flat against the scalp during the setting of the curl. The pin curl herein described is contrasted thus from the helical or spiral Croquignole curl produced by the use of a spindle.

The hair curler and its use will now be described, with reference to the appended drawing whose Fig. 1 is a front view and whose Fig. 2 is a side view.

Fig. 1 shows a scalp 10 having an isolated strand of hair 11 whose end is shown as passed through the curler, which is in the form of a thin, flat disc 12 of any suitable material, such as Celluloid, about two inches in diameter, and having a central hole 13 which may be circular, as shown, or elongated, if desired.

It will be stated at this point that the pins 14 used for holding the curl are of the type commonly known as "bobby" pins, and these are used for clamping the end of a strand to the disc, and for clamping the disc to the scalp, in a manner that will now be described.

In the curling operation, the operator, whether it be the person whose hair is being curled or another person, thrusts a multiple filament strand of hair through the disc by threading the strand through the aperture, from back to front of the disc. At this moment the disc will be more or less parallel to the scalp. Then the operator, with her fingers, curls the end of the strand that is exposed in front of the disc, around the center of the disc, as an axis, in the form of the letter C, the end of the strand being in front of the disc. At this moment the curled end of the strand is pinned or otherwise secured against the front of the disc. Where pins, such as bobby pins, are used, and these are preferred, the pins are slid onto the disc over the edge of the disc and one or possibly two pins will be sufficient to secure the end of the strand, curled, against the front of the disc and with respect to the disc.

Thereafter the disc is rotated around its center as an axis, towards the scalp, while maintained more or less parallel to the scalp, and normal to the strand, thus pin curling the strand in back of the disc until the disc reaches the scalp, at which time there is a pin curled strand between the disc and the scalp to act as a cushion for the disc. During this operation, the operator uses her fingers, not only to rotate the disc, but also to grip and curl the strand of hair in back of the disc.

It is noted that the hair is curled by the fingers in back of the disc, and the disc functions only as a backing plate during the curling. The hair is not curled around the disc, but rather in back of it and against it. The curling is done by the fingers against the disc, and not by the disc.

Then the disc is secured to the scalp, with the pin curled strand between it and the scalp, preferably using "bobby" pins or the like for this purpose, one or two pins being sufficient to pin the disc to the scalp, the pins being slid onto the disc over the edge of it.

An important advantage of the hair curler herein disclosed, and the method herein described, is the fact that a person wearing as many as necessary of the curlers here disclosed can be comfortable enough so that the curlers do not interfere with sleeping, an important consideration being the fact that the curled strand forms a cushion between each disc and the scalp, and another important consideration being the fact that the discs lie more or less flat against the scalp and do not project outwardly from it to interfere with sleeping. Further, the discs will shift and yield slightly with respect to the scalp sufficiently to accommodate themselves to the movements of the person during sleeping.

Another important advantage of the hair curler herein disclosed and the method herein described is that a person wearing as many as necessary of the curlers here disclosed, can still wear a bathing cap without danger of the cap being punctured by sharp edges or points. The curlers hereof, even when a large number of them are being worn, present no sharp edges or points to puncture the bathing cap.

Now having described the curling method herein disclosed, reference should be had to the claims which follow.

I claim:

1. A method for pin curling hair strands, employing a thin disc about two inches in diameter, and formed with a central aperture, comprising (*a*) thrusting a multiple filament strand of hair through the disc from back to front thereof, (*b*) pin curling the end of the strand around the center of the disc as an axis, against the front of the disc, (*c*) securing the pin curled end of the strand to the front of the disc, (*d*) rotating the disc around its center as an axis, towards the scalp, while maintaining it parallel to the scalp, and normal to the strand, thus pin curling the strand in back of the disc, until the disc reaches

the scalp, (e) securing the disc, with the pin curled strand between its back and the scalp, to the scalp.

2. A method for pin curling hair strands, employing a thin disc about two inches in diameter, and formed with a central aperture, comprising (a) thrusting a multiple filament strand of hair through the disc from back to front thereof, (b) pin curling the end of the strand around the center of the disc as an axis, against the front of the disc, (c) securing the pin curled end of the strand to the front of the disc, by "bobby" pins or the like slid onto the disc over the edeg thereof, (d) rotating the disc around its center as an axis, towards the scalp, while maintaining it parallel to the scalp, and normal to the strand, thus pin curling the strand in back of the disc, until the disc reaches the scalp, (e) securing the disc, with the pin curled strand between its back and the scalp, to the scalp.

3. A method for pin curling hair strands, employing a thin disc about two inches in diameter, and formed with a central aperture, comprising (a) thrusting a multiple filament strand of hair through the disc from back to front thereof, (b) pin curling the end of the strand around the center of the disc as an axis, against the front of the disc, (c) securing the pin curled end of the strand to the front of the disc, by "bobby" pins or the like slid onto the disc over the edge thereof, (d) rotating the disc around its center as an axis, towards the scalp, while maintaining it parallel to the scalp, and normal to the strand, thus pin curling the strand in back of the disc, until the disc reaches the scalp, (e) securing the disc, with the pin curled strand between its back and the scalp, to the scalp, by "bobby" pins or the like slid onto the disc over the edge thereof.

CLARA J. ALTMAN.