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HAIR CURLER
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2,454,459



Fig. 1.

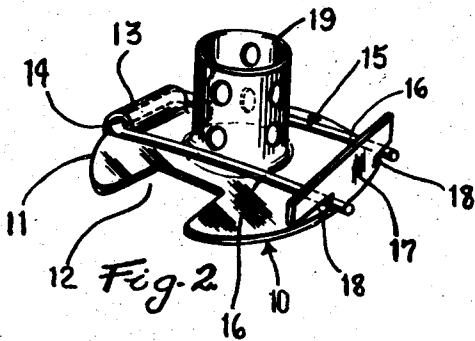


Fig. 2.

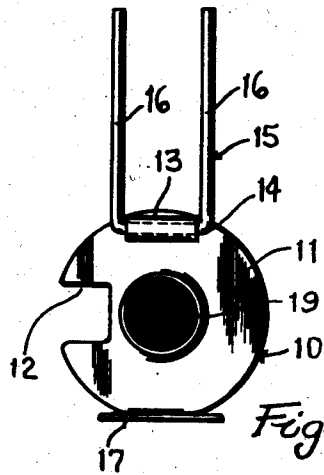


Fig. 3.

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UNITED STATES PATENT OFFICE

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HAIR CURLER

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1 Claim. (Cl. 132-40)

1

This invention relates to certain new and useful improvements in hair curlers and one of the objects of the invention is to provide a curler of this type which may be readily and expeditiously used instead of pin curlers, particularly so after the hair has been shampooed whereby to accomplish the result of a uniform curl that can be combed either into a strong wave or curls after the hair has been thoroughly dried.

A further and equally important object of the invention is the provision of a hair curler of this type which may be mounted in applied position with the minimum degree of effort on the part of the user and which can be manufactured at a relatively economical cost.

Yet another object of the invention is the provision of a curler for the purposes hereinafter set forth which may be easily and quickly removed from the hair without destroying or rupturing the curl.

Other objects will appear hereinafter.

The invention consists in the novel combination and arrangement of parts to be hereinafter described and claimed.

The invention will be best understood by reference to the accompanying drawings showing the preferred form of construction, and in which:

Fig. 1 is a perspective view of a plurality of hair curlers embodying the invention, showing the same in applied position;

Fig. 2 is a perspective view of the invention; and

Fig. 3 is a top plan view of the same showing the clamping element thereof in open position.

The several objects of my invention are accomplished by the preferred form of construction shown in the accompanying drawings and in which 10 indicates, generally, my improved hair curler. This curler 10 includes a disc-like mounting plate 11 having formed in its peripheral edge portion a notch 12. On this mounting plate is formed a knuckle 13 and pivotally positioned in this knuckle 13 is the bight portion of a clamp structure 15 including a pair of opposite parallelly extending latch bars 16. Opposite the knuckle 13 is an upstanding latch plate 17 having oppositely disposed keeper slots 18 formed therein.

Extending upwardly from the plate 11 between the arms 16 is a perforated core 19.

The curler 10 may be formed of any suitable material. I prefer to form the curler from aluminum so as to produce a curler which will be relatively light in weight thereby to afford maximum comfort to the user.

In use, the curler is mounted upon the head as shown in Fig. 1 preferably after the hair has been shampooed. Thus positioning the curler upon the scalp, the mounting plate will be flat against the scalp. The clamping structure is pivoted from latched position upon the plate 11. A small sec-

2

tion of hair, or so much of the hair as is desired to form the curl, is passed through the notch 12 and wrapped tightly around the core 19.

The clamping structure 15 is then pivoted to clamping position with the arms 16 in latched engagement with the keeper slots 18, thus firmly but gently clamping the curled section of hair upon the core 19. If desirable, the arms 16 may have a limited degree of flexibility so that when latched with respect to the latch plate 17, the arms 16 will not crush or otherwise leave an impression upon the curl.

It is manifest from the foregoing description that my improved curler is simple in structure, comprises relatively few parts with the result that it may be manufactured at an economical cost. It will also be apparent that the curler may be applied against the scalp and removed therefrom with substantial ease and with the minimum degree of effort on the part of the user.

While I have illustrated and described the preferred form of construction for carrying my invention into effect, this is capable of variation and modification without departing from the spirit of the invention. I, therefore, do not wish to be limited to the precise details of construction set forth, but desire to avail myself of such variations and modifications as come within the scope of the appended claim.

Having thus described my invention, what I claim as new and desire to protect by Letters Patent is:

A hair curler comprising a base plate having a centrally located core extending upwardly therefrom, said base plate at one edge thereof providing a knuckle, a clamp formed from an elongated piece of resilient wire bent substantially U-shaped to provide a bight portion journaled in the knuckle and parallelly extending arms adapted to extend transversely of the base plate on opposite sides of the core, a keeper plate formed integral with the base plate on the edge thereof opposite the knuckle, said keeper plate having formed therein oppositely located keeper slots for the reception of the end portions of the arms to yieldably latch the arms over hair disposed between the arms and the base plate.

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