Nov. 7, 1950 M. E. BEGUHN 2,528,994

HAIR CURLER

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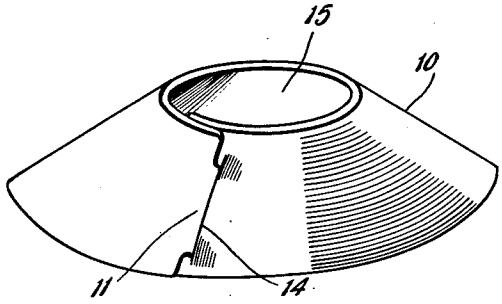


FIG 1

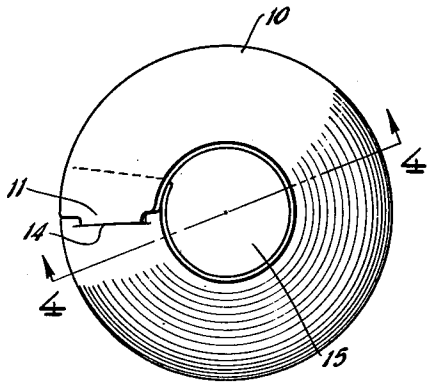


FIG 2

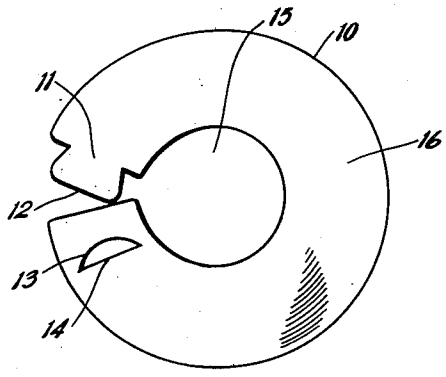


FIG 3

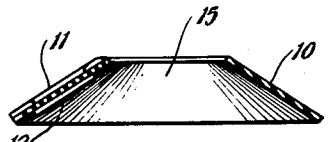


FIG 4

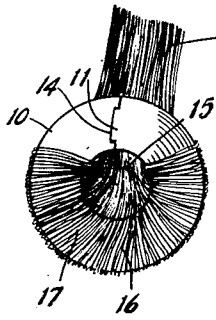


FIG 5

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HAIR CURLER

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1 Claim. (Cl. 132—44)

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This invention relates to new and useful improvements and structural refinements in hair curlers and the principal object of the invention is to provide a device of the character herein described, in which a strip of flexible, resilient material is curved into a frusto-conical shell on which the hair may be wound.

A further object of the invention is to provide a hair curler which, by virtue of the construction outlined in the preceding paragraph, lies flat against the head of the user and thereby substantially increases the comfort and ease associated with the use of the same.

Another object of the invention is to provide a hair curler which may be readily and quickly applied and which may subsequently be easily removed without the conventionally experienced difficulty of tangling, pulling, or otherwise mutilating the lock of hair formed by the curler.

A further object of the invention is to provide a hair curler which, lying in a flat form, may be conveniently worn under bathing caps.

A still further object of the invention is to provide a hair curler which is of simple construction and which will lend itself easily and economically to large-scale manufacture.

With the above more important objects in view, and such other objects as may become apparent as this specification proceeds, the invention consists essentially of the arrangement and construction of parts as illustrated in the accompanying drawings, in which:

Figure 1 is a perspective view of the invention, showing the same in the locked position.

Figure 2 is a plan view of the subject illustrated in Figure 1.

Figure 3 is a further plan view, but showing the invention in the unlocked position.

Figure 4 is a cross-sectional view, taken in the plane of the line 4—4 in Figure 2, and

Figure 5 is a plan view, illustrating the invention in use.

Like characters of reference are used to designate like parts in the specification and throughout the several views.

Referring now to the accompanying drawings in detail, the invention is formed integrally from one strip of flexible, resilient material such as rubber and the like, the same being generally designated by the reference character 10.

This strip is curved into an annular configuration to form an inverted, frusto-conical shell, as will be clearly apparent from the accompanying drawings.

One end of the strip 10 is provided with a

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tongue 11, the latter terminating in a relatively wide locking head 12. The remaining end of the strip 10 is formed with a segment-like opening 13, the straight edge 14 of which, is disposed remotely from the adjacent end of the strip.

Having thus described the constructional details of the invention, its method of operation will now be presented.

When the invention is placed in use, the strip 10 is in the unlocked position as illustrated in the accompanying Figure 3 and the adjacent ends of the strip may be separated sufficiently to allow the insertion of a lock of hair into the central passage 15.

The hair may now be wound upon the mid-portion 16 of the strip 10, as is illustrated by the hair lines 17 in the accompanying Figure 5.

After the hair has been wound, the ends of the strip 10 are locked together by passing the tongue 11 through the opening 13, the widened head 12 preventing undesirable releasing of the tongue from the opening, as will be clearly apparent from the drawings.

In this position, the curler will rest in a cup-like manner on the lock of hair and will lie flat against the head of the user.

When the curler is to be removed, it is simply unlocked by withdrawing the tongue 11 from the opening 13, whereupon the curler as a whole, may be turned, so to speak, or rotated in the plane of the axis of the frusto-conical shell, so as to withdraw the same laterally from the lock of hair. It will be apparent that in this manner, it is not necessary to unwind the hair from the curler and therefore, the curled formation of the hair will not be affected or otherwise disturbed by the removal of the curler.

While in the foregoing there has been shown and described the preferred embodiment of this invention it is to be understood that minor changes in the details of construction, combination and arrangement of parts may be resorted to without departing from the spirit and scope of the invention as claimed.

What I claim as my invention is:

A hair curler comprising a circular strip of bendable material provided at one end thereof with a wedge-shaped tongue having a straight end edge of a lesser width than the width of said strip, side edges of said tongue being straight and extending in inwardly convergent relation from said end edge to a cross-sectionally reduced neck whereby said tongue is integrally connected to said strip, the remaining end portion of said strip being formed with a transversely extending

segment-shaped opening having an arcuate edge portion and a straight edge portion which extends between the opposite ends of said arcuate edge portion and is of a lesser dimension than the width of the end edge of said tongue, said tongue being receivable in said opening and the convergent side edges of the tongue being engageable with the arcuate edge portion of said opening, whereby the ends of the strip may be locked together while said strip assumes a frusto-conical form.

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