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N. FULTON

1,824,883

HAIR CURLER

Filed Nov. 9, 1929

Fig. 1

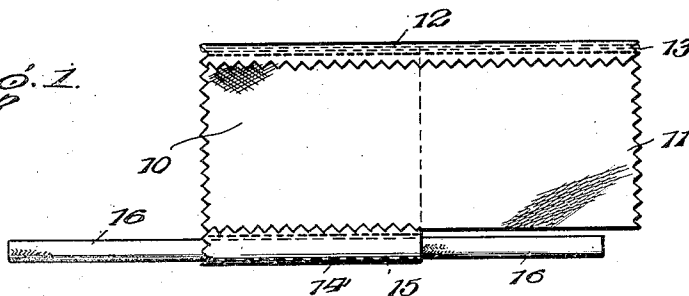


Fig. 2

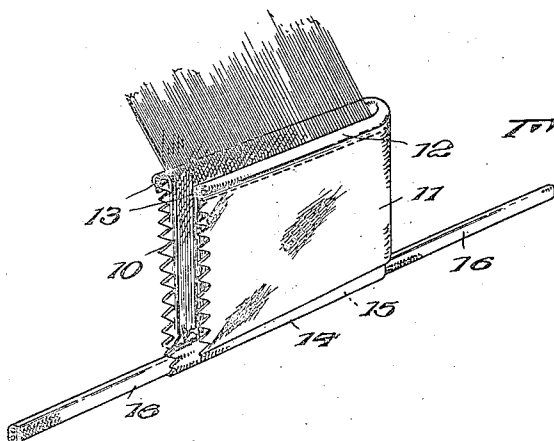


Fig. 4

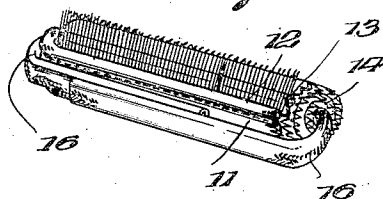


Fig. 3

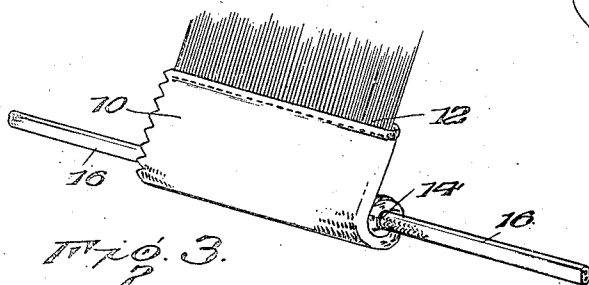
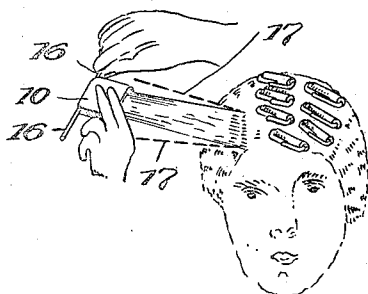


Fig. 5



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## HAIR CURLER

Application filed November 9, 1929. Serial No. 405,982.

The present invention relates to hair curlers of the type which is adapted to be rolled into the locks of hair, particularly before re-  
 5 retiring, and which when removed leaves the hair in the desired curled condition.

An object of the invention is to provide a hair curler which possesses marked advantages over prior structures used for curling bobbed hair.

10 The present invention relates specifically to certain improvements and simplification in the structure of hair curler which is disclosed in my prior Patent No. 1,584,527, granted May 11, 1926.

15 Another object of the invention is to provide a hair curler which may be applied to short locks of hair to be curled by a single fold or overturning of the curler to engage the opposite sides of a lock of hair and where-  
 20 in the curler may then be rolled to closely roll the engaged lock of hair for holding it tightly in such rolled condition for setting it and producing the desired curl.

25 The invention further aims at the provision of a hair curler which may be securely clamped by a single fold to a lock of hair and then easily rolled into either a tight or loose roll; a curler which may be varied in size and construction according to the length and texture  
 30 of the hair on which it is to be used; a curler which may be manufactured and sold at low cost; and a curler which is of the utmost simplicity in use when rolling the lock of hair on the curler or in removing the lock  
 35 of hair therefrom.

The invention has for a still further object an improved method of applying hair curlers of the type adapted to be rolled with a lock  
 40 of hair so as to more effectively and evenly roll the lock of hair and produce a finished curl which is more lasting and even as to the individual hair strands so as to produce a finished curl which will remain in shape for  
 45 a long period of time and which has a more pleasing form and more nearly simulates a natural curl.

With the foregoing and other objects in view, the invention will be more fully de-  
 50 scribed hereinafter, and will be more particu-

larly pointed out in the claims appended hereto.

In the drawings, wherein like symbols refer to like or corresponding parts throughout the several views,

Figure 1 is a plan view of a hair curler constructed according to the present invention.

Figure 2 is a perspective view of the same as applied to a lock of hair, the curler being  
 60 folded or overturned and engaging the opposite sides of the hair in position to be rolled.

Figure 3 is a perspective view of the curler adjusted as in Figure 2 but showing the curler partly rolled.

Figure 4 is a perspective view of the com-  
 65 pletely rolled curler as applied to a lock of hair and showing the curler locked in position to hold the curl rolled, and

Figure 5 is a perspective view of the curler as applied to the hair in position to be rolled,  
 70 the dotted lines showing the opposite positions to which the curler and the engaging lock of hair are adapted to be swung by a back and forth movement during the rolling op-  
 75 eration.

The body portion of the curler is made of suitable flexible material, such as a fabric, kid or other soft leather, or the like, and comprises a main body portion 10 and a flap 11. The upper edge of the body portion is pro-  
 80 vided with a narrow hem 12 which extends throughout the main portion 10 and the flap 11. A wire 13 of non-resilient bendable material is inserted in the hem 12 to stiffen the body portion and hold the flap 11 yieldingly  
 85 in overturned relation, such as shown in Figure 2.

The main part 10 of the body portion is provided at its lower edge with a wide hem 14. The wide hem 14 carries therein a stiff-  
 90 ening strip 15 which is non-resilient and bendable and which extends beyond the opposite lateral edges of the main part 10 to provide a pair of bendable tongues 16. The  
 95 tongues 16 as well as the stiffening strip 15 may comprise a continuous element of composite construction such as one or more wires over which is woven suitable covering for the protection of the fingers, head and hair  
 100 during the handling and application of the

curler. The flap 11 is of a width equal substantially to that of the body part 10 so that when overturned upon the body part 10 there is provided an envelope which encloses the opposite sides of the engaged lock of hair, as shown in Figure 2.

The body portion may be of any suitable height or length found convenient and the flap 11 is co-extensive in length, or between the hems 12 and 14, with the body portion 10, the flap 11 terminating at the upper edge of the hem 14 as it is unattached to the adjacent tongue 16. The edge portions of the fabric may be given any suitable fanciful configuration for imparting a finished effect to the article, and in the present instance the fabric is scalloped or serrated at its edges, as shown.

One method of using the hair curler of this invention is to apply the curler with the body part 10 against one side of the lock of hair and hold it in such position while the flap 11 is bent over against the opposite side of the lock of hair as shown in Figure 2. This clamps this body portion on the lock of hair and the curler is so positioned that the ends of the strands of hair are enveloped in the lower end of the curler.

Holding the body portion to the lock of hair in this folded position the user rolls the hem 14, together with the stiffening strip 15, inwardly and over-against the lower portion of the flap 11, as shown in Figure 3.

The rolling is continued until the body portion is completely rolled when the tongues 16 are then bent outwardly against the outer side of the body part 10 to engage across the same and hold the curler and the lock of hair from unrolling, as shown in Figure 4.

During the rolling operation, as shown in Figure 5, the curler may be swung in an edgewise manner back and forth through a distance approximately indicated by the dotted lines 17 in Figure 5. This insures an even rolling of the hair and drawing the same tightly so that the strands of hair may individually settle into flat layers between the walls of the body portion.

The stiffening strip 15 serves as a roller or center portion upon which the fabric body is rolled, so as to hold the fabric body and the layer of hair in proper smooth condition during this swinging and rolling action.

When the method, illustrated in Figure 5, is employed the lock of hair is rolled evenly and smoothly and may also be drawn tight so that the hair is more tightly and evenly held in the form of a curl, and after the curler is removed, a curl is produced which will remain in shape for an indefinitely long period of time, and the curl is also smooth and even throughout its length.

It is obvious that various changes and modifications may be made in the details of construction and design of the above specif-

ically described embodiment of this invention without departing from the spirit thereof, such changes and modifications being restricted only by the scope of the following claims.

What is claimed is:—

1. A hair curler, comprising a flexible body sheet adapted to be overturned on a transverse fold line for enveloping a lock of hair, a bendable stiffener extending throughout one longitudinal edge of said body sheet for holding the latter in overturned position, and a bendable tongue member secured to the opposite longitudinal edge of the body sheet throughout substantially one half the length thereof and at one side of said fold line, said tongue member having end portions projecting beyond the connected portion of the body sheet and adapted to be bent over upon the same subsequent to the rolling of the sheet with the enclosed lock of hair to retain the curler in position.

2. A hair curler comprising a flexible body sheet adapted to be folded over intermediate its ends for enclosing a lock of hair between the folded halves of the sheet, a bendable stiffener mounted in one longitudinal edge of the sheet and extending throughout both halves thereof for yieldingly holding the sheet in overturned position upon a lock of hair, and a bendable tongue member secured to the opposite edge portion of the body sheet throughout one half thereof and having free ends projecting beyond said half of the sheet, whereby said sheet with the interposed lock of hair may be rolled upon itself and the projecting portions of said tongue member adapted to be bent over for yieldingly holding the curler in place.

In testimony whereof I affix my signature.  
NELL FULTON.