March 3, 1931. E. BURKHART 1,794,755

HAIR CURLER

Filed May 24, 1930

Fig. 1.

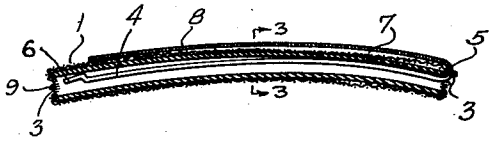
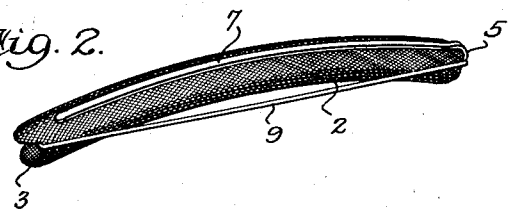


Fig. 2.



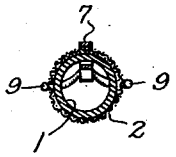


Fig. 3.

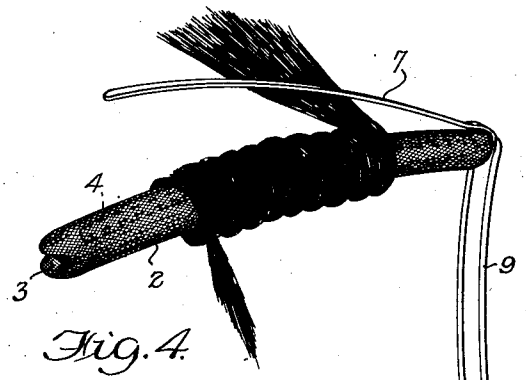


Fig. 4.

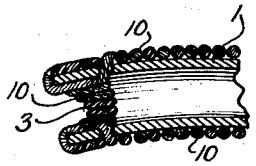


Fig. 6.

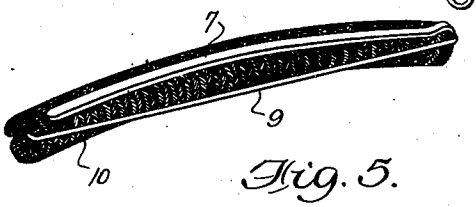


Fig. 5.

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UNITED STATES PATENT OFFICE

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HAIR CURLER

Application filed May 24, 1930. Serial No. 455,378.

This invention relates to certain new and useful improvements in hair curling device of that nature designed for the purpose of doing up the hair to cause it to curl, and the present invention has for its objects among others to provide an improved device of this general character in which provision is made for insuring the utmost comfort to the users of the device, and also having in view the comfort of the user to such an extent that one can lie down and go to sleep and turn about in bed without any discomfort and without danger of dislodging the curler from the hair.

Another object of the present invention is to provide a device of this nature which shall be capable of manufacture at small cost, which shall be durable, and by the use of which one can quickly arrange the hair and insure that it will be tightly curled when the curler is removed and will remain in curl for a great length of time.

My curler is of such a nature that it can be readily made to match any color of hair, so that when applied to the head of the wearer or user it will be practically non-perceptible.

The securing pin, of the barette type, may be covered with a material to match that on the device so as to practically be unnoticeable, and to the end of this pin I attach, in any suitable manner, an elastic band which is designed to embrace the body of the device extended lengthwise thereof, thus insuring the firm securing of the hair in place when once arranged over the curler.

Other objects and advantages of the invention will hereinafter appear, and the novel features thereof will be specifically defined by the appended claims.

The invention, in its preferred form, is clearly illustrated in the accompanying drawings, in which—

Fig. 1 is a longitudinal section of a hair curler embodying my present invention, with the retaining pin and elastic band in position.

Fig. 2 is a perspective view of the curler before it is applied to the head.

Fig. 3 is a cross section on the line 3—3 of Fig. 1, looking in the direction of the arrows.

Fig. 4 is a perspective view showing the device with hair about the same, and the pin and elastic member ready to be applied thereto.

Fig. 5 is a perspective view of a modified form of the curler.

Fig. 6 is an enlarged longitudinal section through the curler of the form shown in Fig. 5.

Like numerals of reference indicate like parts throughout the several views.

Referring to the drawings: 1 designates a soft yieldable hollow member, preferably in the form of a hollow rubber tube, capable of being made to assume practically any configuration desired, generally more or less arcuate in form, to conform to the shape of the head to which it is to be applied. It may be of any desired length or circumference or cross section, and of any color desired, with its ends adapted to receive an elastic band or the like, as will be hereinafter more fully set forth.

The hollow member is covered with a soft pliable covering 2 as shown in Figs. 1, 2 and 3, which may be of a suitable woven material which will readily flex or bend to conform to the shape of the object to which it is applied, with which curvature the core or hollow member 1 readily conforms.

The covering material may be of varying natures and colors, the latter to correspond with the color of the hair of the person using the curler, and of such thickness as may be deemed most expedient or desirable.

The ends of the core are provided with depressions or what may be termed slits 3, for a purpose soon to be described.

The member 1 with its covering 2 is adapted to receive the usual pin or member 4 the bend 5 of which engages the end of the flexible core or member 1 as seen in Fig. 1, and the end of the member within the core having the usual termination 6 as seen clearly in Fig. 1. The other arm or member 7 of the said pin is designed to engage the outer surface of the covering as seen in Figs. 1 to 5. This member 7 may be covered with any

suitable material such as yarn or the like as seen at 8 in Fig. 1, and this may be of a color corresponding to the covering of the core and to match the color of the hair.

As above stated, the ends of the core are formed with depressions 3 and these serve not only to receive the elastic band or the like 9 but provide a space as seen in Figs. 2, 4 and 5 into which end ends of the covering of the core may be extended as seen best in Figs. 2, 4 and 5, thus serving a double purpose.

In Fig. 5 I show a device of the general character above described, but in which the covering is of a yarn or worsted or some material of that general nature as seen at 10 in Figs. 5 and 6, and in this latter figure, which is an enlarged detail of the construction of Fig. 5, it will be readily seen how the covering is engaged or received and held within the depression 3. This view also shows how the end of the yarn 10 is laced into the covering within such depression. The yarn is of sufficient strength to resist the pull on the elastic band.

Modifications in detail may be resorted to without departing from the spirit of the invention or sacrificing any of its advantages.

What I claim as new is:

1. A hair-curler comprising a soft pliable yielding member, and a covering thereover of soft pliable material.

2. A hair curler, comprising a tubular bendable core and a covering thereover of soft pliable material closely embracing the same.

3. A hair-curler comprising a core of soft pliable material, and a winding of fibrous material thereover.

4. A hair-curler comprising a core of soft rubber tubing and a covering over said tubing, said covering having its ends enclosed within the end of the core.

5. A hair-curler comprising a core of pliable bendable material, and a covering thereof, said covering being pliable and having its ends confined within the ends of the core.

6. A hair-curler comprising a hollow soft rubber core, a pliable soft covering therefor, and means whereby the ends of the covering are securely held within the ends of the core.

7. A hair-curler embodying a soft pliable hollow rubber core, and a winding of soft fibrous material around the core and having its ends confined with the ends of the core, and a pin within the core and having an elastic band to extend lengthwise of the curler.

8. A hair-curler comprising a core of soft material of tubular form, a wrapping of fibrous material thereon, and means integral with said wrapping engaged within the end of the core to retain the wrapping in place upon the core.

9. A hair-curler comprising a soft hollow rubber core, a pliable soft covering thereover, and affixed thereto, and a retaining pin and retaining member associated with the said core.

In testimony whereof I affix my signature.

EVANGELINE BURKHART.