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R. L. ANDREA ET AL

2,188,028

HAIR CURLER

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Fig. 1.

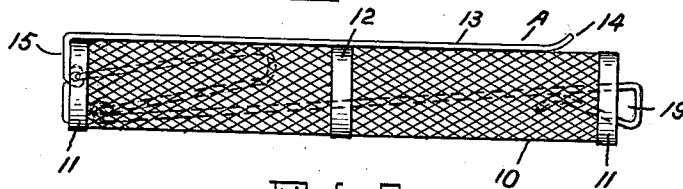


Fig. 2.

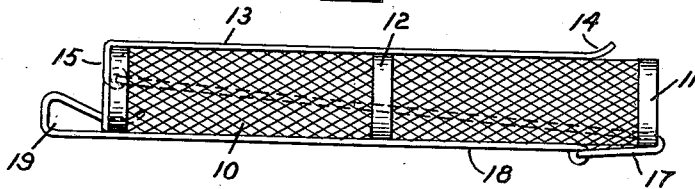


Fig. 3.

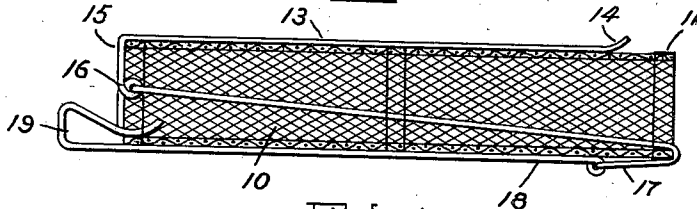


Fig. 4.

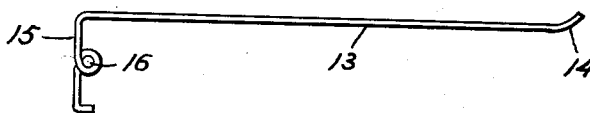


Fig. 5.

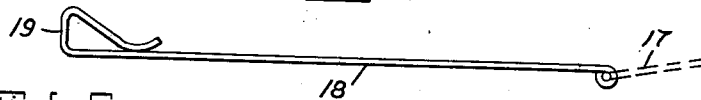


Fig. 6.

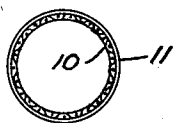
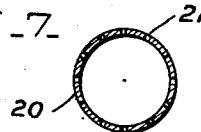


Fig. 7.



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HAIR CURLER

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Application August 1, 1939, Serial No. 287,818

2 Claims. (Cl. 132—41)

The invention relates to a hair curler and more especially to an air conditioned hair curling device.

The primary object of the invention is the provision of a device of this character wherein the body thereof is reticulated or made from wire mesh fabric so that in the use of the device for the curling of the hair air can freely pass through the body and circulate through the curled hair.

Another object of the invention is the provision of a device of this character wherein strands of hair can be readily and conveniently curled thereon, the device being of novel construction and readily and easily handled, for the carrying out of the curling operation.

A further object of the invention is the provision of a device of this character wherein the construction thereof renders the same air conditioned when in use for hair curling, the strands of hair being readily and easily clamped or clipped exteriorly to the body of the device to hold the strands in a curled smooth condition.

A still further object of the invention is the provision of a device of this character which is extremely simple in its construction, thoroughly reliable and efficient in operation, being of a size to enable the easy handling thereof and of a construction to allow convenient curling of the hair with dispatch and inexpensive to manufacture.

With these and other objects in view the invention consists in the features of construction, combination and arrangement of parts as will be hereinafter more fully described in detail, illustrated in the accompanying drawing, disclosing the preferred and modified forms of the embodiment of the invention and pointed out in the claims hereunto appended.

In the accompanying drawing:

Figure 1 is a side elevation of the device constructed in accordance with the invention and in normal position.

Figure 2 is a view similar to Figure 1 showing the device conditioned for the clipping or clamping of the hair strands for the curling thereof.

Figure 3 is an enlarged vertical longitudinal sectional view through the device showing the parts in the position shown in Figure 2.

Figure 4 is a side elevation of one of the clips or clamps employed with the device.

Figure 5 is a side elevation of the other clip or clamp used with the device.

Figure 6 is a vertical transverse sectional view taken through the body of the device.

Figure 7 is a view similar to Figure 6 showing a slight modification of the invention.

Similar reference characters indicate corresponding parts throughout the several views in the drawing.

Referring to the drawing, particularly Figures 1 to 6, inclusive, A denotes generally the hair curling device in its entirety. The hair curling device A comprises an elongated cylindrical or tubular reticulated body 10, preferably made from wire mesh fabric and is open at opposite ends thereof, the edges of these open ends being reinforced by bands 11 and intermediate of the said body is a band 12, which is fixed thereto in any suitable manner. The bands 11 and 12 are made from any suitable material and materially reinforce the body 10 of the device.

The hair to be curled is rolled or wound exteriorly about the body 10, the ends of the hair prior to the winding or rolling of the same being clamped to the body through the medium of a clip 13.

The clip 13 is disposed longitudinally of the body 10 exteriorly thereof and is an inherently resilient or spring finger formed with an outwardly curled free end 14 while the opposite end 15 is turned at right angles thereto for bridging one open end of the body 10. The end 15 is soldered or otherwise fastened to the band 11 next thereto when in bridging relation to an open end of the said body. The end 15 is formed with an anchoring eye 16 which is disposed at the longitudinal center of the said body 10.

Attached to the eye 16 to be normally held loose and retracted in the body 10 is an elastic band or rubber cord 17. This band or cord 17 has permanently connected therewith an elongated clamping hook 18, its bill 19 being contracted for latching engagement with an open end of the body 10. The clamping hook 18 can be inserted within the body 10 and also through connection thereof with the elastic band or rubber cord 17 may be carried outwardly of the said body 10 so as to overlies the outside face of such body and retained in this position when the hook bill 19 is engaged with one open end of the body as is clearly shown in Figure 3 of the drawing.

In Figure 7 of the drawing there is shown a slight modification of the invention wherein the body 20 has rows of perforations 21 therein which are for ventilating purposes or the circulation of air through the body during the use of the same for hair curling.

When the device is not in use the band or cord 17 is loosely tucked within the body 10 and also

the hook 18 is inserted therein. Now when it is desired to clamp the ends of the strands of a lock of hair exteriorly on the body 10, these ends of the hair are passed underneath the finger 13, the out-turned end 14 being provided for the easy insertion of the ends of the strands between the said body and finger. The inherent resiliency of the finger 13 exerts a pressure on the ends of the strands of hair for the holding thereof clamped to the body 10. Thereupon the body 10 is rotated in a direction for the rolling or winding of the strands of hair thereon. Thereafter the hook 18 is manually withdrawn from the body 10 and the band or cord 17 is turned over an open end of the said body 10, that is to say, the open end remote from the one to which the cord or band is attached, bringing the hook 18 over the rolled or wound strands of hair upon the body 10 and thence the bill 19 of the hook is engaged with the body 10 in the manner as shown in Figures 2 and 3 of the drawing so that the rolled strands of hair upon this body will be retained in such condition exteriorly thereon. When the curled or wound hair has become set, then the bill 19 of the hook 18 is detached from the body and swung clear of the latter, being preferable to manually insert the band or cord and the hook interiorly of the body 10 and in this manner the said body can be readily removed or extracted from the curled or wound hair.

The elastic band or cord 17 when stretched on engagement with the bill 19 of the hook 18 with

the end of the body 10 tensions the said hook, it being understood of course that this hook overlies the rolled or wound strands of hair upon the body 10 after the curl has been completed and thus retains the hair in this condition.

What is claimed is:

1. A hair curling device comprising a reticulated cylindrical body open at opposite ends, a spring clip mounted exteriorly on said body for clamping strands of hair thereto, an elastic band for passage through one open end of the body and having one end fixed interiorly of said body adjacent to the other open end thereof and a hook for engaging the body when in saddling position thereto exteriorly of the same and held tensioned by the said band.

2. A hair curling device comprising a reticulated cylindrical body open at opposite ends, a spring clip mounted exteriorly on said body for clamping strands of hair thereto, an elastic band for passage through one open end of the body and having one end fixed interiorly of said body adjacent to the other open end thereof, a hook for engaging the body when in saddling position thereto exteriorly of the same and held tensioned by the said band, and a bill included with said hook for the fastening of the same to one end of the body, the said hook when in saddling relation to the body being coextensive therewith.

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