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M. H. KEILHAMER ET AL

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HAIR CURLER

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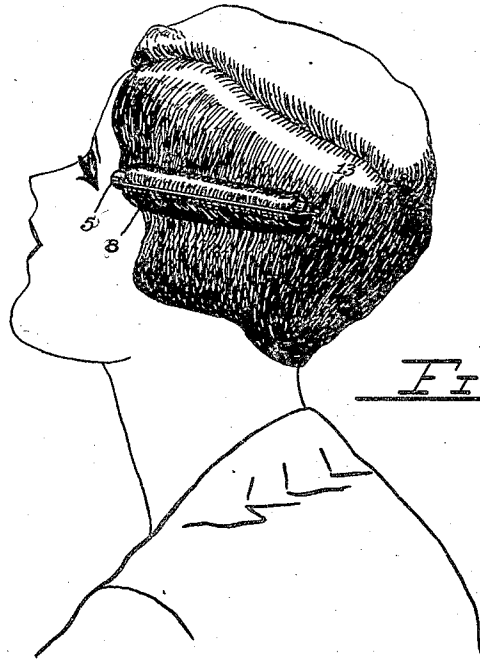


Fig. 1.

Fig. 2.

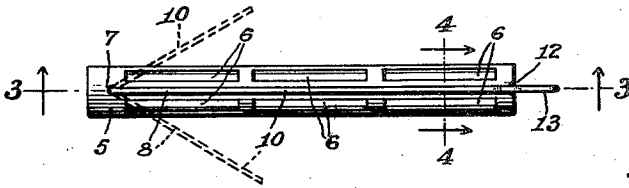


Fig. 4.

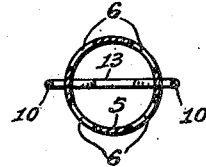
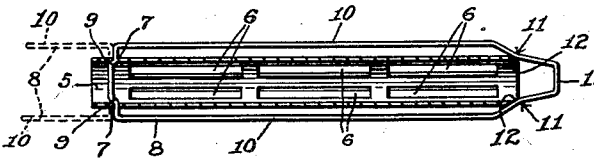


Fig. 3.



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HAIR CURLER

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Our invention relates to hair curlers and the primary objects of the invention are to provide a hair curler comprising a tubular or hollow cylindrical body member that is open at both of its ends and is provided with a number of slots or other openings whereby air may circulate freely through the device and thus quickly dry the hair when curled thereon in a dampened condition. Further objects are to provide novel clasp means for holding the hair when same is curled on the hollow member. Still further objects are to provide a hair curler that is very simple in construction, efficient in use, easy to use, and which may be manufactured at comparatively small cost.

With the above and other objects in view which will appear as the description proceeds, the invention consists of the novel construction, adaptation, combination and arrangement of parts hereinafter described and claimed. These objects are accomplished by the devices illustrated in the accompanying drawing, wherein: Figure 1 is a view in perspective showing our device applied to a ladies hair; Fig. 2 is a view in elevation of the device; Fig. 3 is a view in longitudinal section taken substantially on a broken line 3—3 of Fig. 2; and Fig. 4 is an enlarged view in cross section taken on a broken line 4—4 of Fig. 2.

Referring to the drawing throughout which like reference numerals indicate like parts, the numeral 5 designates the hollow or tubular body of the device as a whole which is preferably made of aluminum or other light and durable material. Said tubular body is open at both of its ends and is provided throughout its length with a number of rectangular slots 6 which cover most of its surface and thus provide ample ventilating means whereby air may circulate freely through the tubular body. These slots may be shaped and arranged in any desired manner as the device is not limited in this respect.

One end portion of the hollow body 5 is provided with diametrically opposite holes 7 which receive and pivotally retain the respective ends of a wire clasp member designated as a whole by the numeral 8. Shoulders 9, or

other means, are provided for pivotally retaining the ends of said clasp within said holes and also for the purpose of retaining the arms 10 of said clasp in spaced relation away from the sides of the tubular member. At the remote or loop end of said clasp the arms are deflected inwardly, as at 11, to engage small opposite notches 12 provided in the end edge of the tubular body. Said arms are deflected inwardly the proper amount to make them parallel with the sides of the tubular body and at the same time to cause them to snap into the small notches when the clasp is in the closed or secured position. The projecting loop end portion of said clasp is used as a finger grasp when fastening and unfastening the clasp as will be understood.

In the use of our hair curler the clasp 8 is opened to the dotted position shown in Fig. 3 of the drawing. The hair is then curled around the tubular body 5 after which the clasp is swung to the closed position as most clearly shown in Fig. 3. In the closed position the arms 10 press against the hair on opposite sides thus clamping the hair against the tubular body and retaining it in the curled position around the tubular body. It will be noted that the arms of the clasp are adapted to swing in a complete circle around the tubular body and the device may therefore be used on either side of the head when curling hair. The air circulating freely through the slots 6 and the open ends of the tubular body soon causes the hair to dry and the device may then be removed.

The most important advantage of our device resides in its function of quickly drying the hair due to the free circulation of air through its ends and slots. This advantage is particularly useful in beauty shops and the like for the reason that hair is curled much quicker by its use than by means of the old type of closed curlers heretofore in use and which require considerable time for the hair to dry before they can be removed. In removing our device from the hair the clasp 8 is swung to the outward position by grasping the loop end 13 with the fingers, and thus when the arms 10 release their hold on the

hair the tubular body 5 may be readily slipped out leaving the hair in a nicely curled condition.

Having thus described our invention, it being understood that minor changes in its construction and arrangement may be resorted to without departing from the scope and spirit of the invention, what we claim and desire to secure by Letters Patent of the United States is:—

1. A hair curler having in combination a hollow cylindrical body open at both ends and having a plurality of apertures distributed over its surface, a loop clasp member having its ends pivotally connected to one end portion of the body at diametrically opposite points, said clasp member arranged to longitudinally embrace the body in spaced apart relation therefrom in the closed position, securing means for the clasp, and said clasp adapted to be swung in a complete circle longitudinally around the body.

2. A hair curler having in combination an open end tubular body with air passages distributed over its surface, a loop clasp comprising a pair of arms disposed in spaced apart parallel relation with the body on opposite sides thereof in the closed position, the ends of said arms pivoted to one end portion of said body, and the loop end portion of said arms deflected inwardly to engage into notches on the other end of the body.

In testimony whereof we affix our signatures.

MICHAEL H. KEILHAMER.
MARY E. KEILHAMER.

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