(No Model.)

G. W. WHITE.

HAIR CURLER.

No. 417,656. Patented Dec. 17, 1889.

Fig: 1.

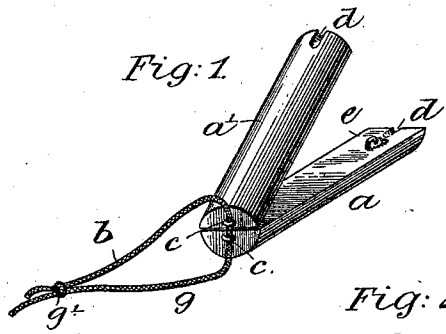


Fig: 4.

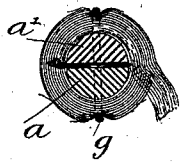


Fig: 2.



Fig: 3.

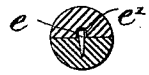


Fig: 5.



Fig: 6.



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UNITED STATES PATENT OFFICE.

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HAIR-CURLER.

SPECIFICATION forming part of Letters Patent No. 417,656, dated December 17, 1889.

Application filed May 31, 1889. Serial No. 312,816. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. WHITE, a citizen of the United States, and a resident of the city, county, and State of New York, have invented certain Improvements in Hair-Curlers, of which the following is a specification.

My invention relates to that class of curlers for the hair which have the form of a roller or barrel and about which the hair is wound and secured, the curler being left attached to the hair until the curl is set; and the object of my invention is in part to adapt the curler for clasping the end of the wisp of hair and holding it while the hair is being wound thereon and in part to provide a convenient means for securing the hair to the curler after it has been wound thereon.

My invention will be fully described hereinafter, and its novel features carefully defined in the claims.

In the accompanying drawings, illustrative of my invention, Figure 1 is a perspective view of a hair-curler embodying my improvements. Fig. 2 is an end view of the curler, showing the retaining notch or keeper therein. Fig. 3 is a cross-section of the curler, showing the stop to prevent the lateral movement of one section of the curler on the other. Fig. 4 is a cross-section of the curler as it appears when the hair is wound about it. Figs. 5 and 6 are end views of modified forms of the curler.

In carrying out my invention I construct a roller or barrel of the proper length formed of two sections or halves by a longitudinal division. I prefer to construct this roller of wood and to give the two sections *a* and *a'* thereof such a form that when placed together face to face, as seen in Figs. 2 and 3, the roller or barrel of the curler will have substantially a cylindrical form. I hinge these two sections together at one end and provide them with an elastic hair-retainer *b*, which will be preferably a loop of elastic cord. This loop is attached to the roller or barrel at the end where the hinge is placed, and preferably I make the flexible material of the retainer *b* to serve as a hinge by securing the cord which forms the retainer to each of the sections *a a'* by means of small staples *c c*, as seen in Fig. 1. The means employed for securing the cord to the sections is not material, however.

In the ends of the two sections of the roller is formed a groove *d*, which serves as a keeper to receive the retaining-loop *g* when the curler is in use. To prevent the two sections of the curler from slipping or sliding on each other while the hair is being wound upon it, one of the sections, as *a*, is provided with a stud or dowel *e*, which, when the sections are brought together face to face, engages a socket or recess *e'* in the other section, as seen in Fig. 3.

The manner of using my curler is simple. The wisp of hair to be curled is separated in the usual way, and its extremity is placed between the faces of the sections of the roller, and these sections are brought together, so as to clamp the hair. The dowel *e* enters the socket *e'*, which prevents the sections from slipping on one another. The roller or barrel is revolved in such a manner as to wind the hair about it, and when the hair is wound upon it, as seen in Fig. 4, the loop-like retainer *g* is drawn over the hair and made to engage the keeper-groove *d*. This holds the hair firmly in position on the roller by clasping the hair elastically on opposite sides thereof.

In order to facilitate the disengagement of the elastic retainer *g* from the keeper *d* when the curler is to be removed from the hair, I form a knot *g'* therein at the point where the retainer engages the keeper or near that point. This knot is conveniently provided by tying the ends of the cord together and then securing the loop thus formed to the sections of the barrel at a point in the loop opposite the knot or fastening. I have called the fastening *g'* a "knot;" but the ends of the retainer may be secured together in any suitable way, the object being to provide the loop at this point with an enlargement that will enable the cord to be readily grasped with the thumb and finger.

The sections *a* and *a'* of the roller or barrel may be semi-cylindrical, as represented in

Figs. 1 to 4, or of other forms. For example, these sections may have the forms illustrated in Figs. 5 and 6.

Having thus described my invention, I claim—

1. As an improved article of manufacture, a hair-curler consisting of a roller or barrel divided longitudinally into two sections hinged together at one end, and said roller provided with an elastic retainer for securing it to the hair, substantially as set forth.

2. As an improved article of manufacture, a hair-curler consisting of a roller or barrel divided longitudinally into two sections hinged together at one end, and an elastic retainer in the form of a loop secured to said sections at the hinging-point, the said sections being provided at their free ends with keepers to receive the elastic retainer, and with a stop, comprising the dowel and recess, to prevent one section from slipping on the other, substantially as set forth.

3. As an improved article of manufacture, a hair-curler consisting of a roller or barrel composed of two sections hinged together at their ends and provided with a keeper for the elastic retainer, and the said elastic retainer in the form of a loop provided with an enlargement g', substantially as and for the purposes set forth.

4. As an improved article of manufacture, a hair-curler consisting of the two hinged sections a and a' and the elastic retainer g, the said retainer being attached independently to the two sections at the hinging-point, and that portion of the retainer between the attaching-points forming the hinge, as set forth.

In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses.

GEORGE W. WHITE.

Witnesses:
HENRY CONNETT,
JOHN D. CAPLENGER.