To all whom it may concern:

Be it known that I, GEORGE LEWIS HOGAN, a citizen of the United States, and a resident of New York, in the county and State of New York, have invented certain new and useful Improvements in Appliances for Curling or Waving the Hair, of which the following is a specification.

My invention relates to improvements in appliances for curling the hair; and the object of the invention is to make such appliances of simple construction and by the use of which the hair can be quickly curled or coiled and be held in that position without any hard or other uncomfortable material of any appreciable size being left in the roll of hair.

My invention consists, essentially, of a rod, bar, tube, or other suitable holder over which or along which in longitudinal manner is stretched or placed an elastic band or cord. The hair is rolled or wound around both the holder and the elastic band or cord, and when sufficient hair has been wound in this manner one end or part of the elastic is folded back over the hair and secured to the other end or part of the elastic by being looped over it or by means of one or more buttons, hooks, or other simple contrivances sufficient to hold it in the required position. The holder is then withdrawn and may be used with other bands or cords in like manner. The rod, bar, tube, or other suitable holder may be made in combination with or form part of some other article, such as a comb, brush, a manicure instrument, or a pencil. By preference the rod or holder is made of tapering form and is provided with some suitable means, such as notches, for holding the elastic band or cord in position. This elastic band or cord is preferably provided with buttons, tabs, hooks, or the like to facilitate the handling and fastening of the same. I do not confine myself to any special shape of either the holders or of the bands or cords, nor is it absolutely essential that the bands or cords should be elastic; but it is much preferable that they should be of an elastic nature.

I will now describe my invention with reference to the accompanying drawings, in which five of the many forms in which my improved hair-curler can be made are shown, the drawings being about full size.

Figure 1 shows a plan view of one of the most simple forms of my improved hair-curler in position ready for use. Fig. 2 shows a side view of the holder shown in Fig. 1. Figs. 3 and 4 show, respectively, the holder and the elastic band which together form the chief parts of the hair-curler shown in Figs. 1 and 2. Fig. 5 shows the hair-curler as when in use and around which is wound the hair which is to be curled; and Fig. 6 shows the same hair-curler in a further stage of use, one end or part of the elastic band having been removed from the holder and folded back over the hair and looped over the other end or part of the band. The holder is shown as withdrawn from the coil of hair, which is now completely formed. The elastic band or cord is easily removed after the curl has been formed. Fig. 7 shows another simple form of my improved hair-curler, consisting of a hollow holder and an elastic band, the band being provided with a button. Figs. 8 and 9 show, respectively, the holder and band forming the hair-curler shown in Fig. 7. Fig. 10 shows a plan view of a hair-comb, the back of which is extended and forms the holder or bar part of one of my improved hair-curlers.

Fig. 11 shows a form of an elastic cord supplied with two buttons, one at each end, and a tab or finger-piece at about the center of its length. This form of elastic cord can be used with any of the holders or bars shown in the accompanying drawings. Fig. 12 shows another form of my improved hair-curler, consisting of a wire frame along the greater part of which is extended or stretched an elastic cord. Fig. 13 shows a modified form of my invention, which is especially designed for coiling the hair and consisting of an open wire frame over the two ends of which are fitted covers or caps, which are joined together by an elastic cord.

Referring to Figs. 1, 2, 3, 4, 5, and 6, A is the taper-shaped bar or holder, at each end of which is formed a notch A' to hold the elastic band B, which when the appliance is ready for use passes longitudinally around the holder or bar A. This band is provided with tabs or finger-pieces C C' to facilitate
handling it. In Fig. 5 the hair H is shown wound around the hair-curler, and in Fig. 6 the holder A is shown released from the elastic band B and withdrawn from the coil of hair H, one part of the band having been folded back by the tab C over the hair and slipped over the tab C, thus holding the now perfectly formed curl. To release the band when the curl has had time to set or form, the band is taken back over the tab C and then withdrawn from the hair.

Referring to Figs. 7, 8, and 9, the holder A is made of split or slit tubular form and tapers slightly from one end to the other. The elastic band B is provided with one button C. The side or part of the band opposite to the button C is passed over a part of the larger end of the holder A, which is shaped for the purpose, and lies along the inside of the same, having been put through the slit, and the opposite side or part of the band is held at the smaller end of the holder by the button C.

Referring to Fig. 10, the back of the comb X is extended to form the bar or holder A, which is provided with notches A' A', into which the elastic band or cord is placed in a manner similar to that adopted in the holder shown in Figs. 1 and 2.

Referring to Fig. 11, the elastic cord B is provided at each of its ends with a button C' C' and at about its center with the tab or finger-piece C. This elastic cord can be used with any of the holders or bars shown in the drawings. The tab or finger-piece C' may be dispensed with, if desired, and the buttons may be substituted by caps or covers, as shown hereinafter in Fig. 13, or by other suitable terminations sufficient to hold the ends of the cord onto the holder.

Referring to Fig. 12, this form of my holder consists of a wire frame or holder A, along the greater part of which is stretched the elastic cord B, one end of which cord carries a button C, and the other end is looped at D to fit over an extension on the holder. The button end is placed in a notch at the opposite end of the holder and is retained in that position by the button. The method of using this form is almost identical with that already described. After the hair is wound around the frame or holder A the loop D is released from the frame, folded back over the hair, (not shown in the drawings,) and put over the button C.

Referring to Fig. 13, this modified form of my appliance consists of an open wire frame A, with which is used an elastic cord B, near the center of which is the tab or button C, the two ends of which elastic cord carry small caps or covers E E, which fit onto the ends 60 of the wire frame. In this case the hair is wound in and out between the two arms of the frame. The caps or covers at the ends of the cord may be substituted by buttons or other suitable projections, in which case the two ends of the holder must be slotted or divided to form a stop for the buttons at the ends of the cord.

I claim—

1. In a hair-curler a suitable support, an elastic band or cord held longitudinally thereon in stretched condition and detachable therefrom for the purpose of tying the hair and holding it in a fixed position after the support is withdrawn, said band having means for holding its ends together when removed from the holder.

2. A hair-curler comprising a holder, an elastic piece removably held thereby in stretched condition, said elastic piece having means by which the two ends thereof may be held together when the elastic is lapped back upon itself and the ends interlocked, substantially as described.

3. A hair-curler comprising a holder having a notched at each end and an elastic band engaging said notches and held in stretched condition, said band having means whereby its ends may be held together when the band is removed from the holder, substantially as described.

In witness whereof I have hereunto set my hand in presence of two witnesses.

GEORGE LEWIS HOGAN.

Witnesses:

L. PARRY,
S. S. BROMHEAD.