HAIR CURLING AND WAVING DEVICE.

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To all whom it may concern:

Be it known that I, HENRY CHARLES LAUFFE, a citizen of France, residing at New York, in the county of the Bronx and State of New York, have invented new and useful Improvements in Hair Curling and Waving Devices, of which the following is a specification.

Among the principal objects which the present invention has in view are: to provide a device of the character mentioned which when in use will retain the hair in position to be curled or waved as desired; to minimize the number of parts in the device; to design the device so that it may be worn by a person without inconvenience; and to revolve the device for curling or waving the hair utilizing for that purpose the clamping member by which the hair in service is retained.

Drawings.

Figure 1 is a top edge view of a curling and waving device, constructed and arranged in accordance with the present invention, the same being shown in conjunction with a strand of hair, being shown as initially disposed in the grasp of the device.

Figure 2 is a side view thereof.

Figure 3 is a side view of the same, the parts being disposed as after the hair has been rolled on the device which curl or otherwise set the same.

Figure 4 is a rear end view of the device when disposed as shown in Fig. 3.

Figure 5 is a longitudinal section of the device.

Figure 6 is a cross section of the same, the section being taken as on the line 6—6 in Figure 5.

Description.

The device shown in the drawings employs a cylindrical member 1 which is preferably solid as retaining for a great length of time any heat which may be imparted thereto when it is wished to curl the hair. It will be understood, however, that the member 1 may be constructed in tubular form.

It has at its rear extremity an extension 2, which forms a rest for the thumb, which if depressed rocks the member 1 on the pivot 4. The pivot 4 operatively connects the member 1 and the clamp 3 therefor.

The pivot 4 forms an anchorage for a spring 9, the center whereof is coiled to form a central passage through which the said pivot extends. The free end 10 of the spring bears upon the inner side of the extension 2 while the opposite end 11 rests upon the heel of the retainer 6 when the said retainer is extended as shown in Figure 2, or upon the end of the short tongue 8 which is integral with and extended from the inner end of the said retainer as when the retainer is in the position shown in Figure 3. In either position of the retainer 6 it will be noticed the spring 9 bears against the retainer and through it upon the short end of the clamp 3. The clamp 3 is connected by a pivot 7 to the retainer 6.

When in service, a device constructed and arranged as described and shown is handled as follows:

When the device is inactive the retainer 6 is folded upon the clamp 3 in the manner shown in Fig. 5. To use the device the retainer 6 is opened up until it assumes and is held by the end 11 of the spring 9 in the position indicated in Fig. 2 of the drawings. In this position the retainer 6 serves for manipulating the device, and to that end the retainer is grasped by the handle of the operator while his thumb rests upon the extension 2. It is obvious that if pressure is imparted to the extension 2, the member 1 is lifted away from the clamp 3. The hair is disposed in a flat strand and laid over the clamp 3 in proper arrangement when the thumb pressure on the extension 2 is relieved to permit the member 1 to press upon the hair to secure the same between the said member 1 and the clamp 3.

The operator now uses the retainer 6 for rolling or otherwise manipulating the device if it is desired to curl the hair gathered around the member 1 and clamp 3 to form a roll such as indicated in Figure 3 of the drawings. When thus disposed, it is usually desired to retain the hair until it is set to the shape whether the same be for curling or for waving, and to this end the operator holding the extension 2 rotates the retainer 6 on the pivot 7 until the tongue 8 is brought in contact with the spring 9, which thereafter bears upon the end of this tongue and
rocks the free end of the retainer to closed position upon the clamp 3 or the hair disposed thereupon. The hair is held in the wrapped or curled position indicated until properly set. It then is removed from the device by first removing the retainer 6 to its opened position and with the said retainer and extension 2, the member 1 and clamp 3 are separated or unrolled as the case may be.

**Claims.**

1. A device as characterized comprising a bar, a clamp plate pivoted thereto, a retainer carried by said plate, and a common means for tensioning said bar clamp, and retainer in extended or folded position.

2. A device as characterized comprising a bar, a thumb rest formed integrally therewith, a clamp plate pivoted to said bar, said plate being provided with a rearwardly and downwardly extending portion, a retainer carried by said portion and pivoted thereto, resilient means for tensioning said bar and plate, and means formed on said retainer for cooperating with said resilient means for holding the same in active folded position.

3. A device as characterized comprising a bar and plate pivoted thereto, resilient means for tensioning the same, a thumb rest formed on said bar, a downwardly and rearwardly extending portion formed on said plate, a handle pivoted to said portion, said resilient means being adapted to engage the under surface of said rest and the inner surface of said retainer when the same is in extended position, and means for holding said retainer adjacent said plate, when said retainer is in folded position.

4. A device as characterized comprising a plurality of clamp members pivotally united and adapted to fold successively, one upon the other, for clamping hair therebetween, one of said members being adapted for temporary disposition approximately in line with and extended from another of said members, and a single resilient means for tensioning all of said members when in closed relation.

5. A device as characterized comprising a plurality of clamp members pivotally united and adapted to fold successively, one upon the other, for clamping hair therebetween, one of said members being adapted for temporary disposition approximately in line with and extended from another of said members, and a single resilient means for tensioning all of said members when in closed relation, said means being further adapted to hold said extended member under tension in the extended position thereof.

6. A device as characterized comprising a bar, a clamp plate pivoted thereto, spring means for tensioning said bar and clamp into mutual engagement, a hair retaining member pivoted on said plate, and a lug on said retainer engageable against said spring tensioning means for retaining said member in one of a plurality of positions.

**Henry Charles Laufe.**