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 HAIR ROLL.
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1,152,884.

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Fig. 1.

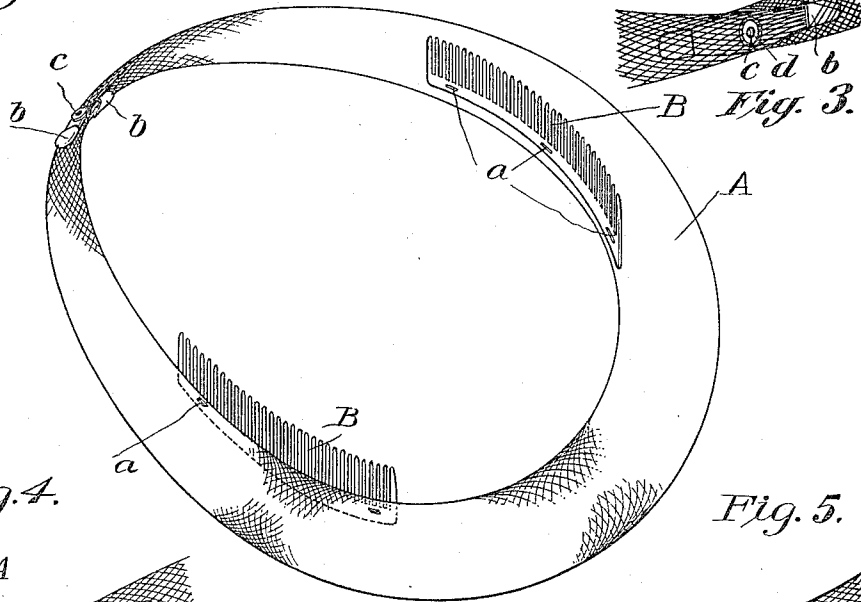


Fig. 4.

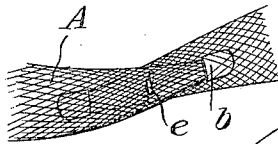


Fig. 5.

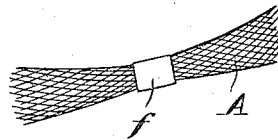
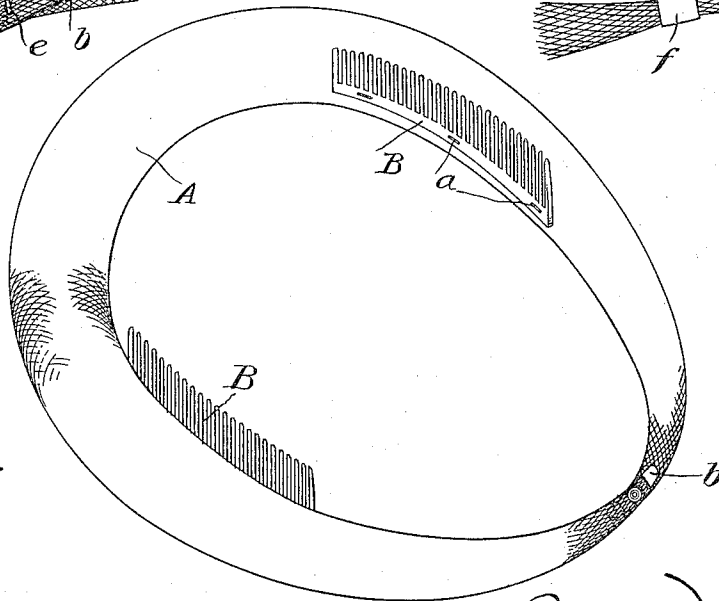


Fig. 2.



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UNITED STATES PATENT OFFICE.

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HAIR-ROLL.

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To all whom it may concern:

Be it known that I, RUSSELL H. DAMON, a citizen of the United States, residing at Leominster, in the county of Worcester and State of Massachusetts, have invented certain new and useful Improvements in Hair-Rolls, of which the following is a specification.

My invention consists in a hair-roll having a mid-length portion of relatively large cross-section and end portions tapering gradually therefrom toward their extremities, and there flattened to lie closely upon the forehead of the wearer. The flattened portions are preferably overlapped and united, and are in such plane relatively to the axial plane of the body of the roll that when the roll is in proper position on the head of the wearer the flattened end portions lie smoothly above the forehead and produce no appreciable or perceptible elevation of the hair drawn over them.

The tapering and flattening of the end portions of the roll, or of one side of the roll considered as an annular body, permits it to be used for that style of coiffure in which the hair lies low upon and close to the forehead, but is formed into rolls or puffs at the sides, or at the sides and back. It is also reversible and may be used with the portion of larger diameter at the front, to produce a pompadour effect.

The invention is illustrated in the accompanying drawings, in which:

Figure 1 is a perspective view of the roll in its preferred form, with the reduced and flattened portion uppermost, in position to lie upon the forehead of the wearer; Fig. 2, a similar view, showing the roll in its reversed position; Figs. 3, 4 and 5, perspective views illustrating different modes of connecting the ends of the roll.

As is well known, the styles of hair-dressing change quite frequently, and at the present time the full roll or pompadour effect, which for some time past has been much in vogue, is becoming somewhat less general and a different style is being adopted, in which the hair lies flat or low above the forehead, but is formed into rolls over the temples and at the sides, or sides and back, of the head.

The primary object of the present inven-

tion is to meet the requirements of the more recent style, in which the hair lies low or flat above the forehead, but in doing this I produce a roll which may at will be used also for the pompadour effect.

In the drawings, A denotes a roll, preferably made of enameled wire, braided or woven into circular form in cross-section and of uniform, or substantially uniform, diameter throughout approximately three-fifths of its length, thence tapering gradually toward the ends. The extremities of these tapered portions are flattened, the flattened portions being given such angular relation to the body of the roll as that when the roll is placed in proper position upon the head of the wearer, with said flattened portions at the front, they will lie close to and smooth above the forehead. Under this construction and arrangement the hair may be drawn over the flattened portion, without any perceptible or material elevation of the hair at such points. The portion of larger diameter serves to puff or fill out the hair or to provide a skeleton support over which it may be formed into a roll or roller as is now commonly done with devices of this character.

For the purpose of holding the roll in position it may be provided with fastening devices of any suitable character. In the drawings I have shown two combs, B B, secured by wires or staples, *a*, to the inner face of the roll and on opposite sides thereof, with the points of the teeth directed upward, so that when the roll is drawn down upon the head the teeth will engage the hair and insure proper retention of the roll in place.

As above indicated, it is preferred, though not essential, that the flattened ends of the roll be overlapped and united. They may, however, be left unconnected, or made separable at will. Various forms of fastenings may be adopted, Figs. 1 and 2 showing the extremities of the roll inserted into thimble-like metal tips *b* and flattened down to prevent the separate wires from protruding and causing annoyance or becoming entangled with the hair, and an eyelet *c*, with suitable washer *d*, being passed through the flattened ends and expanded to make a permanent fastening.

In Fig. 3 the tips *b* are employed as before, and each extremity of the roll is passed through a mesh or opening of the body of the roll to the interior thereof, eyelet *c* passing through the overlapping portions. This arrangement possesses the advantage that there are no protruding ends, and hence there is no danger of the hair being caught thereunder.

In Fig. 4 the mode of connection is the same as in Fig. 3, except that a staple *e* is substituted for the eyelet. This construction is peculiarly advantageous because of the stated absence of protruding ends or projections, and further because the staple, which is of light and flexible wire, may be readily removed and re-applied, the ends of the roll being first separated, then overlapped, and their extremities inserted into the interior of the roll to give any desired variation in the size thereof.

So far as I am aware I am the first to make a hair-roll with tapered ends adapted to be overlapped and inserted at their extremities through the meshes of the body into the interior thereof, and also the first to connect the ends of a roll of this general character by a separable or readily removable fastening, so that the diameter or external dimensions of the roll may be varied at will, and this I mean to claim broadly. The fastening may, in some cases, be omitted, the insertion of the extremities through the mesh and into the interior of the structure serving sufficiently to connect the end portions.

In Fig. 5 the flattened extremities are inserted into a tube *f*, which is thereafter flattened down to form a clamp. This construction, particularly if the tips *b* be employed, permits of the convenient separation of the ends, should this be desirable, yet holds sufficiently tight to preclude accidental disconnection of the ends. It does not, however, permit material variation in the size of the roll, and hence does not possess all the advantages of the construction illustrated in Fig. 4. Other forms of fastening may obviously be employed. The point from which the taper begins may vary; or the roll may taper from the mid-length to the extremities.

It is to be noted that under all the constructions set forth the roll is substantially ring-shaped or annular in form; in other words, that it completely encircles the head,

and, furthermore, is self-sustaining and self-conforming.

Having thus described my invention, what I claim is:

1. A self-sustaining, self-conforming hair-roll of woven or braided material, having its end portions tapered and flattened for a considerable extent from the ends thereof, said ends being united, whereby the roll may be placed upon the head so as to produce a relatively large roll or puff either at the front or back of the head and a comparatively small projection at the opposite side of the head.

2. A hair-roll having its end portions tapered and flattened, the flattened portions being in a plane oblique to the longitudinal axis of the roll as a whole, whereby said flattened portions are adapted to lie in close contact above the forehead when the roll is in use.

3. An annular hair-roll adapted to completely encircle the head of the user comprising a braided or woven wire body *A* of circular cross-section in its body portion, tapering toward its ends, and flattened at its extremities, the flattened portions being connected by a removable fastening, substantially as set forth; whereby a puff may be produced at any point upon the head of the user while at the opposite side of the head the roll lies close to the head without forming any appreciable projection, and by reason of the removable fastening the diameter of the roll may be varied at will.

4. A hair-roll comprising a tubular body of braided or woven material, tapering toward its ends and having its end portions overlapped, and the extremities thereof inserted through the meshes of the body into the interior thereof.

5. A hair-roll consisting of a braided or woven tubular body having its ends tapered and flattened, said end portions being overlapped and having their extremities passed through the mesh of the structure to its interior, and a separable fastening connecting the overlapping end portions.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

RUSSELL H. DAMON.

Witnesses:

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."