

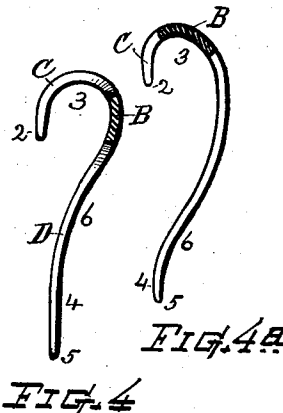
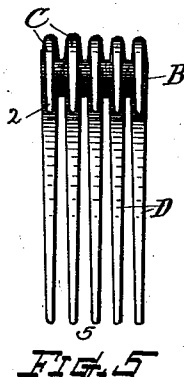
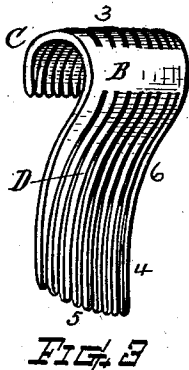
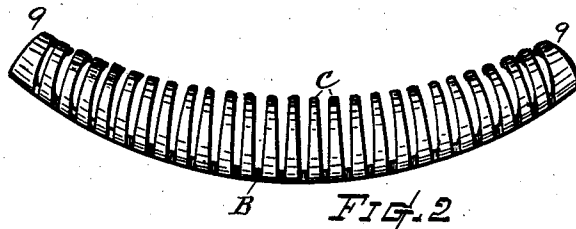
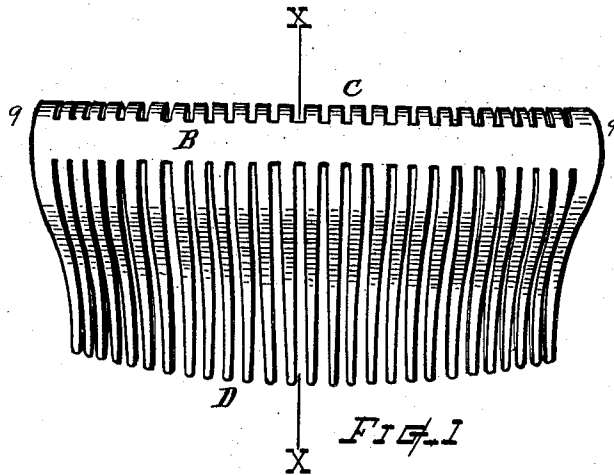
No. 735,643.

PATENTED AUG. 4, 1903.

G. L. WINN & A. L. BATES.
LADY'S PUFF COMB.

APPLICATION FILED APR. 24, 1903.

NO MODEL.



Witnesses—
Charles H. Bacon
W. V. Buck

Inventors—
George A. Winn,
Alonso A. Bates
By Charles T. Burling
Attorney

UNITED STATES PATENT OFFICE.

GEORGE L. WINN, OF JERSEY CITY, NEW JERSEY, AND ALONZO L. BATES, OF LEOMINSTER, MASSACHUSETTS, ASSIGNORS TO WILLIAMS & WINN COMPANY, OF JERSEY CITY, NEW JERSEY, AND LEOMINSTER, MASSACHUSETTS, A CORPORATION OF NEW JERSEY.

LADY'S PUFF-COMB.

SPECIFICATION forming part of Letters Patent No. 735,643, dated August 4, 1903.

Application filed April 24, 1903. Serial No. 154,167. (No model.)

To all whom it may concern:

Be it known that we, GEORGE L. WINN, residing at Jersey City, in the county of Hudson and State of New Jersey, and ALONZO L. BATES, residing at Leominster, in the county of Worcester and State of Massachusetts, citizens of the United States, have invented certain new and useful Improvements in Ladies' Puff-Combs, of which the following, together with the accompanying drawings, is a specification sufficiently full, clear, and exact to enable persons skilled in the art to which this invention appertains to make and use the same.

The object of our present invention is to provide a comb that will efficiently facilitate the arrangement of the hair in puffed, rolled, or pompadour effects without the use of what are commonly termed "rats" or "pads;" also, to provide a comb over which the hair can be supported without tendency to flattening between the teeth of the comb and which will retain its place comfortably upon the head, while affording ventilation through the comb and hair.

Another object is to afford a comb for the purpose specified that is sufficiently flexible to fit the curvature of the head without rigidity.

We attain these objects by an article having the characteristics explained in the following detailed description and illustrated in the drawings, wherein—

Figure 1 represents a back or outer side view of a puff-comb embodying our invention; Fig. 2, a plan or top view of the same; Fig. 3, an end view; Fig. 4, a cross-section at line X X on Fig. 1; Fig. 4^a, a modified section; and Fig. 5 represents an inner side view of the improved article, showing it as made with but a few teeth.

Our improved puff-combs may be made of shell, celluloid, or such other suitable material as is customarily used in the fabrication of combs.

In accordance with our invention the comb or device comprises a body portion provided with dual sets of hair-engaging teeth con-

nected therewith, one set of teeth D projecting from the lower edge of the body B and a second set of teeth C projecting from the upper edge of the body B, preferably starting therefrom in upward direction and then bent or turned inward and downward, forming an open inwardly-rolled crown or top for the same with teeth ends 2 directed downward or pointing approximately in the same direction as do the ends 5 of the teeth D, but standing at some distance away from the body portion B or roots of the teeth where they connect with the body. The main series of teeth D that extend downward from the body portion B are preferably formed with an inward curve, as at 6, about their mid-length, the portion 4 near their ends 5 being formed approximately straight. The body portion B is preferably made as a narrow strip of material, uniting the roots of both series of comb-teeth and forming a portion more or less of the cylindric or inwardly-rolled head of the comb, which is adapted to retain or support the puff of the hair.

The comb is preferably shaped transversely on the arc of a circle or curved as shown in Fig. 2 and in practice may be made with any desired number of teeth, more or less, the size or length of the comb and the number of its teeth varying to suit the desire, situation, or particular style of hair-dressing or coiffure arrangement for which the article is in any instance designed. Preferably the two sets of teeth are so formed and the upper set of teeth so bent or rolled inward that the narrow body-strip B occupies a position along the outstanding back part of the comb and there forms a connection for the various teeth. It also serves as a bridge for supporting the hair, which is held elevated as a puff, and prevents the puff from flattening by reason of the hair falling between the raised parts of the teeth. The relative number of teeth in the upper series C and lower series D may be either uniform or unequal, as preferred, and the size of the teeth can be made coarser or finer in either series to suit the taste or requirements of the

wearers. The row of inward-bent teeth C can be varied in its proportions so as to form a roll that is closer or of less thickness near the ends of the comb 9 than at the center of the same, or in other instances the inward roll of the teeth may be of the same dimensions throughout the length of the comb. The end portions 9 of the inward roll can be more or less rounded off underneath to give a suitable finish to those parts of the comb. The dual sets of teeth being united only by the narrow body portion B, which is disposed at the back of the curve, the comb is thus rendered quite flexible and resilient in the direction of its transverse curvature. It will accordingly readily and comfortably accommodate itself to the curvature of the head and fit in proper relation thereto.

The comb can be made less flexible by increasing the width of the body portion B or extending or disposing said body portion at a higher or more forward position on the inwardly-rolled head 3. (See Fig. 4^a.)

In the use of our improved comb the upper and lower sets of teeth both have a hold in the hair and the hair puff is laid over the top of the outstanding rolled portion of the comb, which supports the puff in shape and at the same time gives ample space for ventilation beneath the comb. The comb having a hold by an upper and a lower row of teeth retains itself in the hair with comparative security, and there is little liability of its working out of position.

What we claim as our invention, and desire to secure by Letters Patent, is—

1. As a new article of manufacture, a puff-comb comprising a back portion or body-strip provided with sets of comb-teeth along both edges thereof; the upper portion of said comb bent inward and downward, forming a large open roll across the head of the comb, with the teeth along the inner edge of said roll adapted for insertion in approximately the same direction as are the lower series of comb-teeth.

2. An article of the character described, comprising a body-strip, teeth attached to

said body-strip along both the upper and lower edges thereof, the teeth of the upper series turned inward and downward as described, with the ends of both sets of teeth pointing approximately in the same direction, and said body and teeth bent to form a raised open roll-section adapted to produce a puff.

3. An article of the character described, comprising a body-section with series of teeth attached to said body-section along both edges thereof, the upper series of short teeth turned inward and downward and said body and teeth bent to form a raised transversely-curved, inwardly-rolled head portion, adapted to retain a puff, said inwardly-rolled head portion being shaped with diminishing thickness or size toward the ends of the comb.

4. A hair-retaining device, having an inwardly-rolled top portion, an inner set of short teeth adapted for inserting in the hair, but terminating near the top, an outer set of teeth of longer dimension, and a body portion uniting said teeth.

5. An article of the character described, having a body portion, dual series of teeth integrally connected with said body, one series projecting downward with an intermediate inward curvature and approximately straight end portions, the other series projecting from the upper edge of said body and bent forward and downward, forming an open overrolled toothed head portion, for the purpose set forth.

6. A comb or hair-retainer comprising a set of main hair-engaging teeth, a connecting back or body portion, and an inwardly-rolled head portion provided with a supplementary series of hair-engaging teeth having their ends disposed in a downwardly-pointing row along the inner line of said head portion.

Witness our hands this 18th day of April, 1903.

GEORGE L. WINN.
ALONZO L. BATES.

Witnesses:

FREDERICK H. COOK,
CHARLES A. JOSLIN.