C. O. WILLIAMS.

HAIR CUTTING GAGE.

APPLICATION FILED NOV. 1, 1920.

1,381,381. Patented June 14, 1921.

Fig. 1.

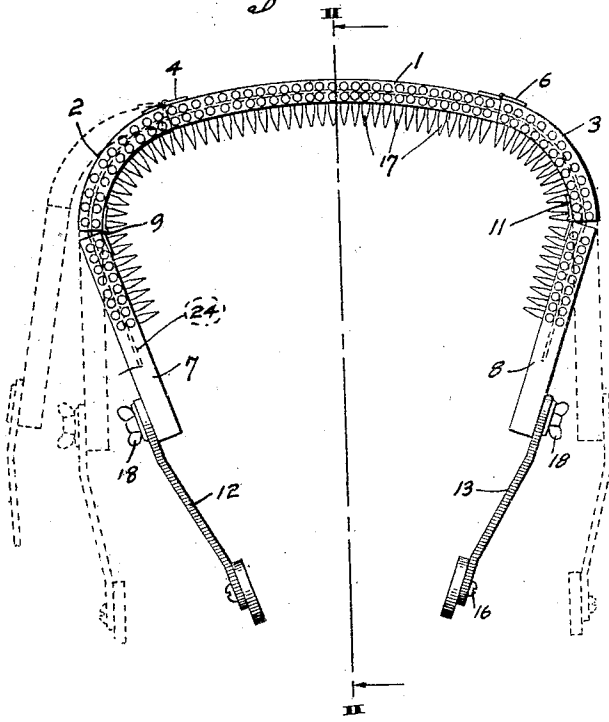


Fig. 2.

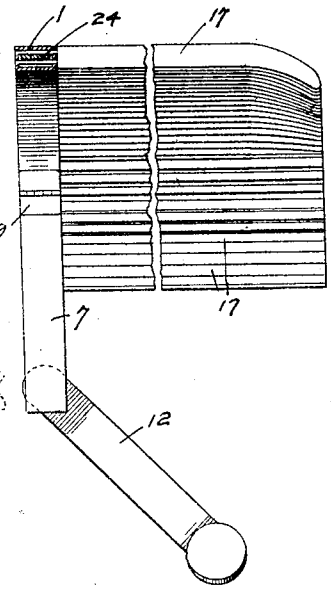


Fig. 3.

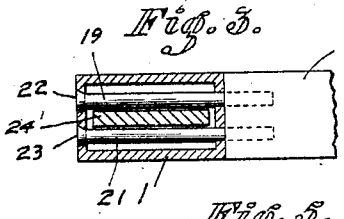


Fig. 4.

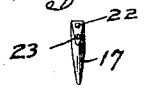
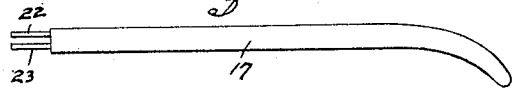


Fig. 5.



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HAIR-CUTTING GAGE.

1,381,381. Specification of Letters Patent. Patented June 14, 1921.

Application filed November 1, 1920. Serial No. 420,854.

To all whom it may concern:

Be it known that CHARLES O. WILLIAMS, a citizen of the United States of America, residing at Vallejo, in the county of Solano and State of California, has invented certain new and useful Improvements in Hair-Cutting Gages, of which the following is a specification.

The present invention is a hair cutting gage and is an improvement on an application for patent filed by me in the United States Patent Office on May 6, 1920, Serial Number 379,408.

The principal object of this invention is to simplify the construction and provide means for adjustment of the gage which will obviate the necessity of manual adjustment and thumb screw retaining means.

The present embodiment of my invention automatically adjusts itself to the desired contour and effects a saving in operator's time.

In the drawings:

Figure 1 is front elevation of my improved hair cutting gage.

Fig. 2 is a section on the line II—II of Fig. 1.

Fig. 3 is an enlarged detail view of a comb tooth secured to a side piece.

Fig. 4 is an end view of a comb tooth.

Fig. 5 is a side view of a comb tooth.

Referring to the drawings the numeral 1 designates a crown piece, and 2 and 3 designate arcuate corner pieces adapted when hinged together as by hinges 4 and 6 to form a semi-elliptic frame of a contour approximately a pompadour hair cut.

Side pieces 7 and 8 are hinged at 9 and 11 to the corner pieces 2 and 3.

To the lower ends of these side pieces 7 and 8, I pivotally attach adjustable arms 12 and 13 which are preferably swiveled as shown at 16.

The numeral 17 designates a series of comb teeth securely attached at one end to the crown piece 1, corner pieces 2 and 3 and portions of the side pieces 7 and 8.

At 18 I show wing nuts for securing the members 12 and 13 at any desired angle.

Referring to Fig. 3 it will be seen that the ends of the teeth 17 are provided with pins 19 and 21, which extend through the hollow members 1, 2, 3, 7 and 8 and are riveted as shown at 22 and 23, forming a hinged semi-elliptic comb.

The device is normally held in the full line position shown in Fig. 1 by a resilient flat spring member 24 which extends throughout the frame composed of members 1, 2, 3, 7 and 8 between the pins 19 and 21 of all the teeth.

In operation the device is expanded as indicated by dotted lines in Fig. 1 and adjusted on the head of a person by the operator, and the teeth 17 run through the hair in the manner of a side comb.

The resilient member 24 holds the device with sufficient firmness to allow the barber to cut a pompadour effect with the clippers without further adjustment.

I claim:

1. A hair cutting gage comprising a crown piece, corner pieces hingedly connected thereto, side pieces hinged to said corner pieces, comb teeth secured to each of said pieces in substantially semi-elliptic form, and resilient means for normally pressing said side pieces into converging relation.

2. A hair cutting gage comprising a number of frame elements hinged together to form a frame to partially surround a person's head, comb teeth secured to said frame, a spring member extending substantially throughout the frame adapted to yieldably contract the frame.

3. A hair cutting gage comprising a crown piece, corner pieces hinged thereto, side pieces hinged to said corner pieces, comb teeth provided at one end with pins adapted to extend through said pieces, and a spring member extending between said pins and through said pieces and adapted to normally contract the side pieces to converging positions.

In testimony whereof I affix my signature.

CHARLES O. WILLIAMS.