

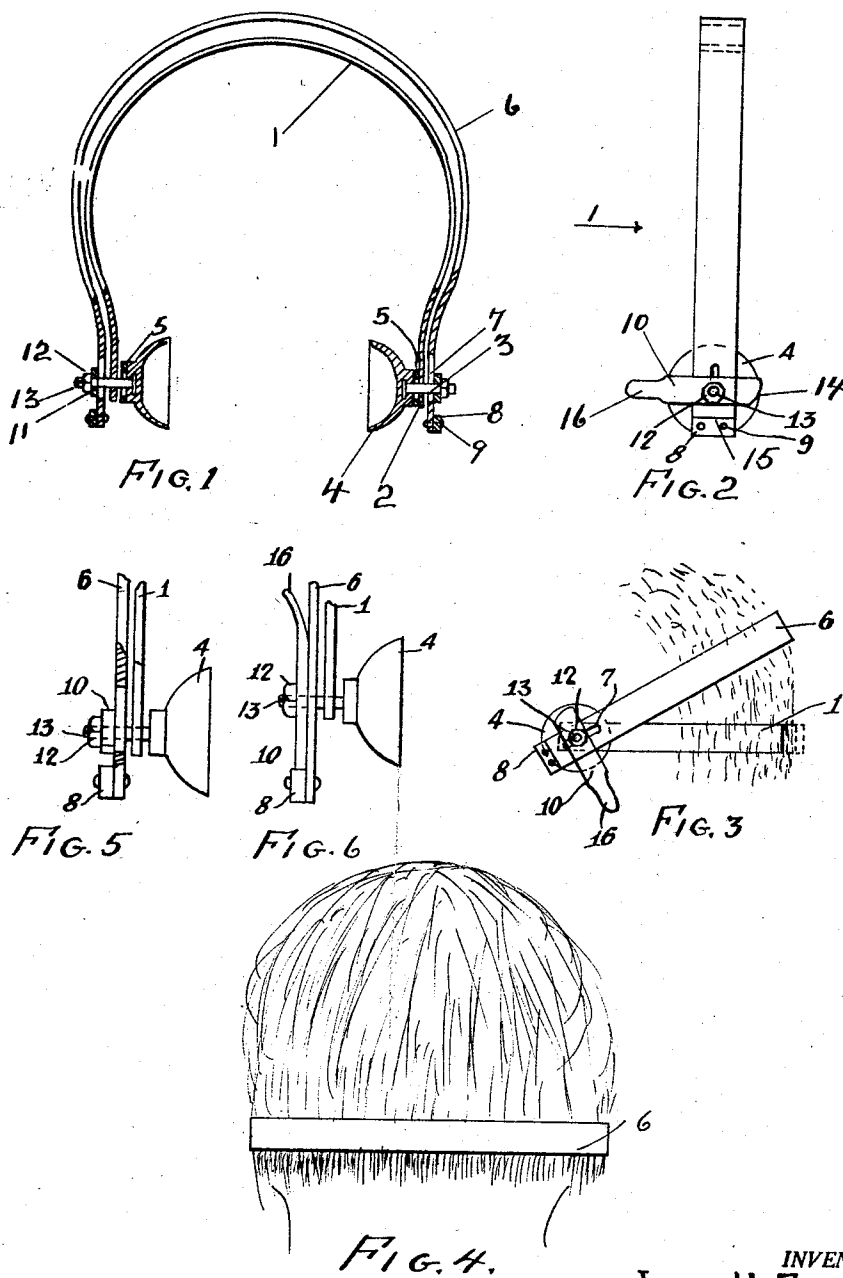
May 4, 1926.

1,583,540

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HAIR BOBBING GAUGE AND CLAMP

Filed May 20, 1925



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Patented May 4, 1926.

1,583,540

UNITED STATES PATENT OFFICE.

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HAIR-BOBBING GAUGE AND CLAMP.

Application filed May 20, 1925. Serial No. 31,528.

To all whom it may concern:

Be it known that I, IVOR H. EVANS, a citizen of the United States, residing at Oakland, in the county of Alameda and State of California, have invented certain new and useful Improvements in Hair-Bobbing Gauges and Clamps, of which the following is a specification.

My invention is a hair bobbing gauge and clamp adapted to be used particularly in cutting women's or children's hair in the bobbed style, to hold the end of the hair at the sides and back of the head and form a guide for cutting.

An object of my invention is to provide a clamping device in which a backing strip may be slipped up the back of a person's head from the back of the neck, lift the hair clear of the neck and the ears and to swing a pivoted clamping member from the top of the head downward on the outside of the hair so as to clamp the lower ends between the backing strip and the clamping strip, whereby the hair will be held firmly in position and the gauge form a limit to which the hair is cut or trimmed.

My gauge and clamping device comprises a plurality of resilient metal strips preferably formed of spring metal and bent into substantially a horse-shoe shape. The inner or backing strip has a pair of vacuum cups secured on the inside by a bolt or stud: these vacuum cups being adapted to engage the side of a person's face below the temples or in front of the ears. The clamping strip fits over the backing strip and has a slot at each end to slide on the bolt or stud. Pivoted cams swivel on the studs and press against abutments so that the cams may be loosened to separate the backing and clamping strips. After the hair has been positioned in the gauge the cams are actuated to grip and hold the hair tightly in the clamp. My invention will be more readily understood from the following description and drawings in which:—

Figure 1 is a plan view of my hair bobbing gauge and clamp shown partly in section and with the backing and clamping strips separated: this view being taken as in the direction of the arrow 1 of Figure 2.

Figure 2 is a side view of Figure 1 showing the cam levers in open position.

Figure 3 is a side view of the gauge and clamp indicating the manner of positioning the backing strip and the clamping strip,

swiveling them into alignment and clamping by means of the cam lever.

Figure 4 is a back view of a person's head with the gauge and clamp attached to the ends of the hair in position for cutting.

Figure 5 is a detail of the swiveling ends, showing the vacuum cup, the bolt or stud secured thereto, the inner end of the backing strip showing the pivoted connection of the stud, the outer clamping strip having slots, and the cam lever in the unlocked position.

Figure 6 is a view similar to Figure 5, with the cam lever locked against the abutment.

Referring to the drawings, of the clamping gauge, the abutment strip 1, is formed of spring metal and bent in the shape of a horse-shoe, and has apertures 2 near each end, through which extends a stud or bolt 3. A vacuum cup 4, formed of rubber and of the usual type, is secured to this bolt in a permanent manner. The ordinary type vacuum cups with a stud or bolt connected thereto would be suitable. A washer 5 surrounds the stud between the end of the backing strip and the vacuum cup.

A clamping strip 6, also made of spring metal and bent in the same shape as the backing strip, has slots 7 at each end slidable on the stud 3 and on the outer ends of this strip, abutment plates 8 are fastened by rivets 9, or secured in any suitable manner. Bending the strip over at the ends and securing it would form a suitable abutment.

Clamping levers 10, having apertures 11 there-through, are fastened on the stud 3 and secured thereon by nuts 12 on the screw-threaded ends 13 or by any other suitable fastening device. These levers have a curved cam 14 at one end adapted to engage the inner surface 15 of the abutment plates and have finger levers 16 at the other end.

My bobbing gauge and clamp will be utilized in the following manner:—The device would be fitted over a person's head with the backing strip against the back and sides of the neck, and would be slipped upward underneath the hair, combing all the hair out so as to overlap the backing strip if necessary. When positioned slightly above the desired level for cutting the hair, the clamping strip, which would be placed to engage the top and the back of a person's head, would be swiveled downwardly on the outside of the hair until in a position in alignment with the backing strip. The

cams 10 would then be operated to draw the two strips together by the action of the cam surface 14 of the lever against the inner surface 15 of the abutment plate 8. This would clamp the hair tightly in position. The device may then be slightly drawn downwardly to the desired level to cut when the hair may be trimmed, using the bottom of the gauge and clamp as a guide.

The above operation will be readily understood, having reference in particular to Figures 3 and 4.

Having described my invention what I claim is:—

1. A hair-bobbing gauge and clamp comprising in combination a backing strip formed of resilient metal bent substantially U-shape, a clamping strip formed of resilient metal bent U-shape, pivotally connected thereto whereby the clamping strip may be swiveled in reference to the backing strip to engage hair between the two strips and means to move the backing and clamping strips relative to each other to clamp the hair.

2. A hair bobbing gauge and clamp comprising in combination a backing strip formed of a strip of resilient metal bent in U-shape, a clamping strip also formed of resilient metal bent to conform to the shape of the backing strip, means to swivelly con-

nect said strips at the outer ends, said means allowing relative longitudinal sliding movement and means to slide one strip relative to the other to clamp hair there-between.

3. A hair bobbing gauge and clamp as claimed in claim 2, having a slot in the clamping strip, a stud extending there-through forming the pivoting means, and a cam pivotally mounted on the said stud and engaging an abutment on the clamping strip.

4. A hair bobbing gauge and clamp comprising in combination a backing strip, a clamping strip, said strips being formed of spring metal and bent to substantially U-shape, a pair of studs connecting the ends of said strips, whereby said strips may swivel, a vacuum cup on the inside of each stud, a slot in the clamping strip engaging the stud and means to move the clamping strip relative to the backing strip to clamp hair there between.

5. A hair-bobbing gauge and clamp as claimed in claim 4, having a pair of cams swivelly mounted on the studs and abutment plates on the ends of the clamping strip adapted to be engaged by the said cams to clamp the two strips.

In testimony whereof I affix my signature.

IVOR H. EVANS.