Oct. 15, 1957 R. J. TETTIS 2,809,425

CUTTING COMB AND FULCRUM SUPPORT

Filed Sept. 10, 1956

Fig 1.

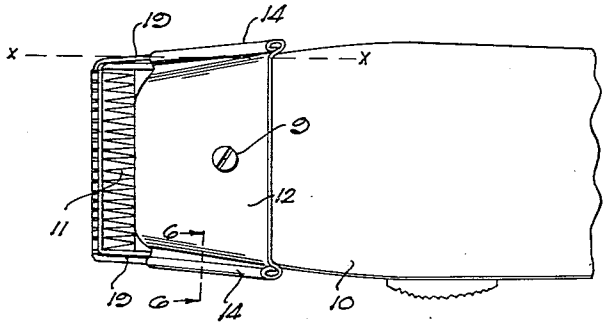



Fig 2.

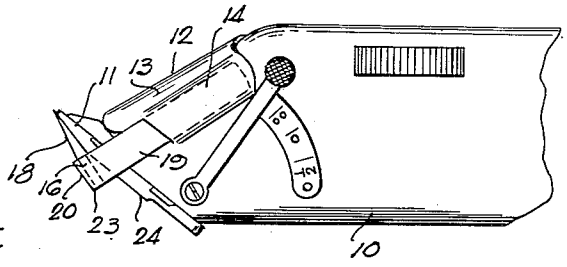



Fig. 7.

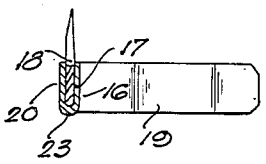



Fig. 6.

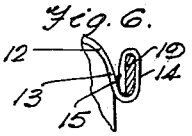



Fig. 5.

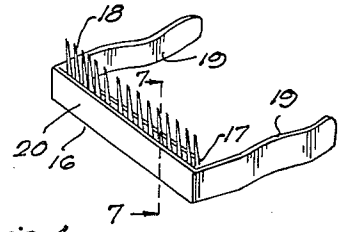



Fig. 4.

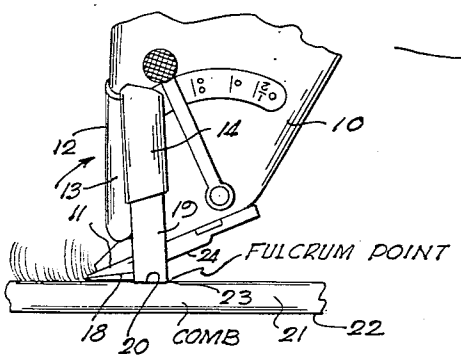
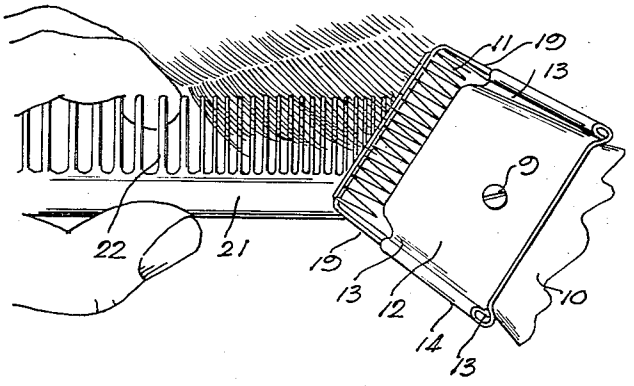



Fig. 3.




INVENTOR

RALPH JOSEPH TETTIS

BY Irving A. McCathran

HIS ATTORNEY

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# CUTTING COMB AND FULCRUM SUPPORT

Ralph Joseph Tettis, Ridgway, Pa., assignor of one-half to Walter P. Murphy Trust (Samuel P. Murphy, trustee), Ridgway, Pa.

Application September 10, 1956, Serial No. 608,719

2 Claims. (Cl. 30—233.5)

This invention relates to a clipper comb and fulcrum support for barber clippers, and has for one of its objects the production of a simple and efficient means for attaching the comb and fulcrum support in a proper position under the clipping element of the clipper to provide a fulcrum shoe which may easily slide over the back edge of a comb to facilitate cutting of the hair lifted by the comb, and to also facilitate the tilting of the cutting element of the clipper to produce a graduated even cut of the hair particularly at the side and back of the head without the necessity of using trimming shears or hand clippers to provide a neatly finished job.

A further object of this invention is the production of a simple and efficient connection between the clipper and comb to releasably hold the comb and fulcrum support in efficient operative relation.

Other objects and advantages of the present invention will appear throughout the following specification and claims.

In the drawing:

Figure 1 is a top plan view of the device, a portion of the clipper being broken away;

Figure 2 is a side elevational view thereof;

Figure 3 is a top plan view illustrating how the clipper is used in conjunction with a hand comb;

Figure 4 is a side elevational view of the clipper and comb illustrating the manner of resting the fulcrum support upon the back portion of a comb for tilting and sliding movement;

Figure 5 is a perspective view of the comb and fulcrum support;

Figure 6 is a fragmentary detail sectional view taken on line 6—6 of Figure 1;

Figure 7 is a vertical sectional view taken on line 7—7 of Figure 5.

By referring to the drawing in detail, it will be seen that 10 designates a conventional clipper having a conventional cutting element 11. A comb receiving and securing plate 12 is detachably secured to the upper face of the clipper 10 near the cutting element 11 by means of a screw 9. This plate 12 conforms to the contour of the clipper 10 and is provided with inturned ends 13 which fit snugly against the sides of the clipper 10. These ends 13 terminate in elliptically rolled spring sleeves 14 having inturned terminals 15 which snugly fit against the ends 13 as shown in Figure 6. These spring sleeves 14 extend at an incline outwardly or laterally of the longitudinal axis of the clipper 10 from the forward or lower ends thereof toward their rear upper ends as indicated in Figure 1, see line *x*—*x*.

A combined comb support and fulcrum member 16 is detachably carried by the forward end of the clipper 10 and comprises a transverse elongated comb receiving socket portion 17 which removably receives a comb 18 of a selected type. The socket portion 17 carries two rearwardly extending spring arms 19 which are bowed, as shown in Figure 5, and these arms are adapted to longitudinally slide into the elliptically rolled spring sleeves 14 to detachably and frictionally hold the comb support and fulcrum member 16 in position with respect to the cutting element 11. The rolled or coiled spring sleeves, together with the laterally or outwardly inclined angle thereof cause the spring arms 19 to spread laterally as the arms 19 are forced longitudinally of the spring sleeves 14 thereby producing a binding action between the sleeves 14 and arms 19 to firmly hold the arms 19 within the sleeves and to thereby hold the member 16 in its proper place to support the comb 18 against the forward under face of the cutting element 11, as is shown in Figure 2.

Should the arms 19 tend to become loose after long use, the sleeves 14 may be compressed by exerting pressure against the outer side faces thereof to bind the terminals 15 against the ends 13 of the plate 12 and also bind the arms 19 within the sleeves 14. This may be easily done by placing the thumb or finger against the sleeves and exerting pressure upon the sleeves 14 without the use of special or other tools.

The socket portion 17 is provided with a flat bearing face 20 which is adapted to slide along the back portion 21 of a comb 22 and across the teeth of the comb when cutting hair lifted or picked up by the comb while clipping with the clipper—note Figures 3 and 4 of the drawing. The socket portion 17 is also provided with a rear edge 23 constituting a fulcrum point to facilitate the rearward tilting of the clipper in the direction of the arrow shown in Figure 4, so as to provide for the graduated inclined trimming of the hair on the sides and back of the head as the hair is picked up by the comb in the manner shown in Figures 3 and 4. The flat bearing face 20 constitutes a fulcrum runner to slide over the back portion of the comb and the rear edge constitutes a fulcrum point to facilitate tilting of the clipper to a proper angle. Due to the angle of the sleeves 14, as shown in Figures 2 and 4, the fulcrum member 16 and flat bearing face 20 extend at an angle of approximately 30° to the under face 24 of the cutting element 11. This arrangement will permit a sufficient tilting of the clipper 10 to provide for the desired even graduated inclined trimming of the hair without steps. It will be noted that the fulcrum point or rear edge 23 is spaced from the under face of the cutting element 11.

By means of the present attachment for the conventional clipper, a barber may easily cut and trim hair without the additional use of a hand clipper, trimmer shears and the like, since a completely neat job may be accomplished without the use of auxiliary or other equipment.

Having described the invention, what is claimed as new is:

1. In combination with a clipper having a forward cutting element, a comb receiving and securing plate carried by the clipper adjacent the cutting element thereof, said plate having inturned ends snugly fitting against the sides of said clipper, said ends terminating in elliptically rolled spring sleeves provided with inturned terminals snugly fitting against said inturned ends, said sleeves extending at an incline outwardly and laterally of the longitudinal axis of said clipper from their forward toward the rear ends of the sleeves, a comb support and fulcrum member detachably carried by said plate, said comb support and fulcrum member comprising a transverse elongated comb receiving socket portion removably receiving a comb for close contacting engagement with said cutting element, a pair of rearwardly extending spring bowed arms carried by said socket portion and longitudinally slidable in said sleeves, said arms being adapted to spread laterally as the arms slide longitudinally of the sleeves due to the laterally inclined angle of the sleeves and rolled spring nature of the sleeves to produce a binding action within said

sleeves to frictionally hold the arms within said sleeves, and the comb receiving socket portion of said comb support and fulcrum member havng a flat bearing face constituting a fulcrum runner extending at an angle to the under face of said cutting element to facilitate the tilting of the cutting element of the clipper to provide for the graduated incline trimming of the hair at the sides and back of the head, said bearing face also defining a fulcrum runner for slidable contact with the back portion of a comb while lifting hair during the process of cutting and trimming.

2. In combination with a clipper having a forward cutting element, a securing plate detachably carried by the forward portion of the clipper adjacent the cutting element, rearwardly extending laterally inclined coiled sleeves carried by said plate, a combined comb support and fulcrum member having rearwardly extending spring arms removably fitted in said sleeves, a comb receiving socket portion carried by said arms and extending under said cutting element to support a comb carried by said socket portion against the under face of said cutting element, said socket portion having a flat bearing face constituting a fulcrum runner extending at an angle to the under face of said cutting element to facilitate tilting, and said flat bearing face having a fulcrum point along its rear edge spaced from the under face of said cutting element.



No references cited.