June 18, 1957 G. TAKEHANA 2,796,071

COMBINED HAIR BRUSH AND COMB

Filed Aug. 24, 1953

Fig. 1.

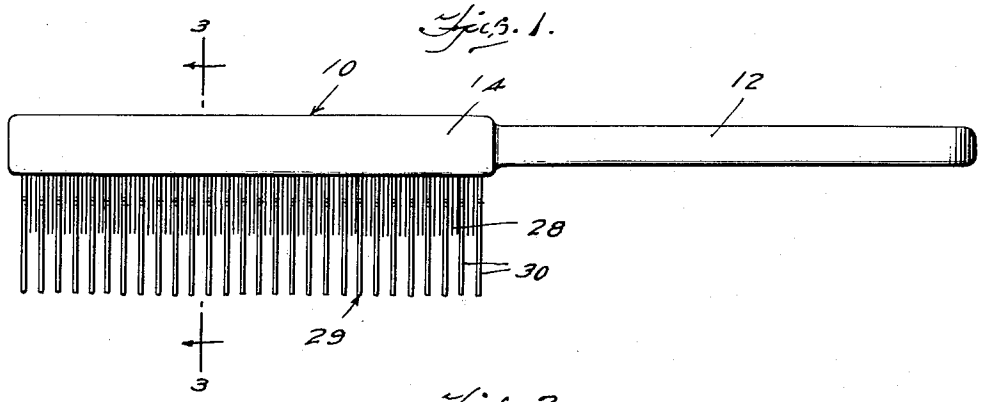


Fig. 2.

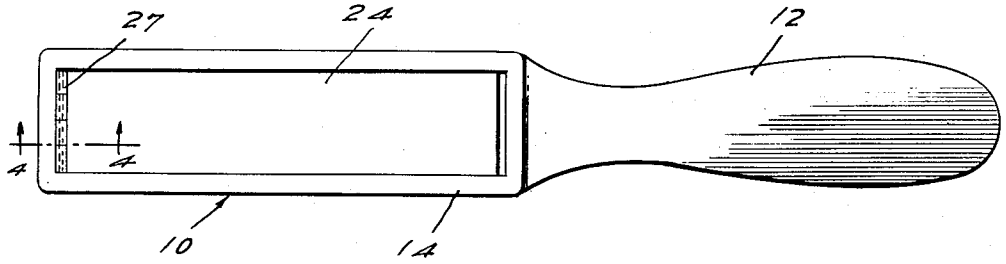


Fig. 3.

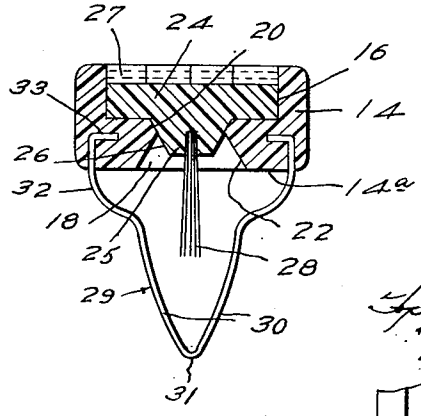


Fig. 4.

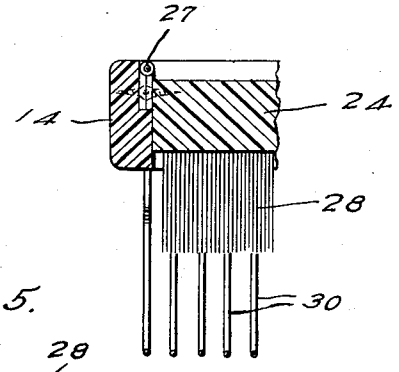
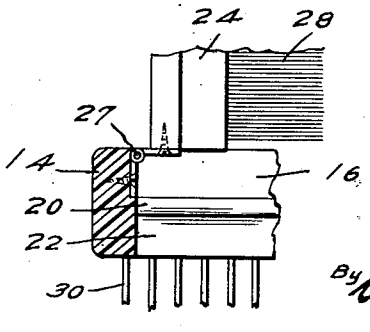


Fig. 5.



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COMBINED HAIR BRUSH AND COMB

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Application August 24, 1953, Serial No. 375,914

1 Claim. (Cl. 132—120)

This invention relates to improvements in toilet articles and is directed particularly to hair grooming implements.

A principal object of the present invention is to provide a novel and improved combination hair brush and comb whereby the combing and brushing of the hair can be carried out in one operation.

Another object of the invention is to provide a novel combination hair brush and comb wherein brush and comb units are separate and can be readily disengaged one from the other to facilitate cleaning.

A further object of the invention is to provide a combination hair brush and comb wherein the comb teeth are in the form of a plurality of substantially V-shaped frames spaced longitudinally of the body or back of the device and form a long and closed area in which the brush bristles are located.

Other objects and advantages of the invention will become apparent as the description of the same proceeds and the invention will be best understood from a consideration of the following detailed description taken in connection with the accompanying drawing forming a part of the specification, with the understanding, however, that the invention is not to be limited to the exact details of construction shown and described since obvious modifications will occur to a person skilled in the art.

In the drawing:

Figure 1 is a view in side elevation of the combination comb and brush of the present invention.

Figure 2 is a top plan view of the same.

Figure 3 is a transverse section taken substantially on the line 3—3 of Figure 1.

Figure 4 is a detail section taken substantially on the line 4—4 of Figure 2.

Figure 5 is a view corresponding to Figure 4 but showing the brush swung out from the chamber in the head of the body.

Referring now more particularly to the drawing the numeral **10** generally designates the head of the combination comb and brush which is of elongate rectangular outline and has a handle **12** extending from one end thereof.

The head **10** comprises a flat body **14** having an elongate rectangular recess or chamber **16** formed in the top thereof.

Extending longitudinally of the bottom of the chamber **16** is the slot **18** which opens through the underside of the body **14** and has the longitudinal side walls tapering or converging slightly from the top downwardly through a portion of the height of the slot as indicated at **20** and then flaring or diverging as indicated at **22**.

Designed to fit in the recess or chamber **16** is the elongate flat brush back body **24** which has extending longi-

tudinally of its under face, the wide rib **25** which has sloping side walls **26** which fit between and rest upon the downwardly convergent portions **20** of the slot **18** when the brush back is in position in the recess or chamber **16**.

One end of the brush back is hingedly joined to the outer end of the body **14**, that is the end remote from the handle **12**, by a suitable hinge connection **27** whereby the brush back **24** can be swung upwardly as illustrated in Figure 5.

Extending longitudinally of the rib portion **25** of the brush back is a row of brush bristles **28** which lie on the longitudinal center of the body **14** and project a substantial distance through and beyond the slot **18** as shown in Figures 3 and 4.

Secured to the under face of the comb body **14**, which face is designated **14***a*, and spaced longitudinally thereof are the comb teeth, which is generally designated **29**.

As clearly shown in Figure 3 the comb teeth are each in the form of a substantially V-shaped member having the upwardly and outwardly diverging side portions **30**, joined at their lower ends in the rounded tip **31** and these side portions **30** are continued in outwardly and upwardly curving extensions **32** each of which terminates in an inwardly directed finger **33**.

The teeth **25** are in straddling relation with slot **18** and the bristles **28** of the brush and the upper ends of the portions **32**, together with the fingers **33**, are embedded in the body **14** at opposite sides of the slot **18**. Thus the rounded tips **31** of the V-shaped teeth, which form frames through which the bristles extend, are in a line or row longitudinally of the brush, the ends of the brush bristles being directed toward the tips but spaced from the inner sides thereof as shown.

From the foregoing it will be seen that there is provided by the present invention a novel combination brush and comb structure whereby the brushing and combing of the hair can be accomplished in one operation. Also the brush is easily removable for cleaning and because of the novel formation of the teeth the scratching or injuring of the scalp is avoided when the device is in use.

I claim:

A combination brush and comb comprising a substantially flat rectangular body, a rectangular recess in said body, a longitudinal slot in the bottom wall of said recess, a rectangular brush back disposed in said recess and hingedly connected at one end to said body, a longitudinal row of bristles secured to said back and projecting through said slot to provide a brush and a plurality of longitudinally spaced V-shaped comb teeth having offset fingers on the ends of the legs thereof, said fingers being embedded in said body at opposite sides of said slot to secure said teeth thereto in a row with said bristles disposed between the legs of said teeth and substantially along the longitudinal center line of said row.

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