June 5, 1928. 1,672,468

B. OSHMAN ET AL

COMBINED BRUSH AND COMB

Filed Sept. 12, 1927

Fig. 1

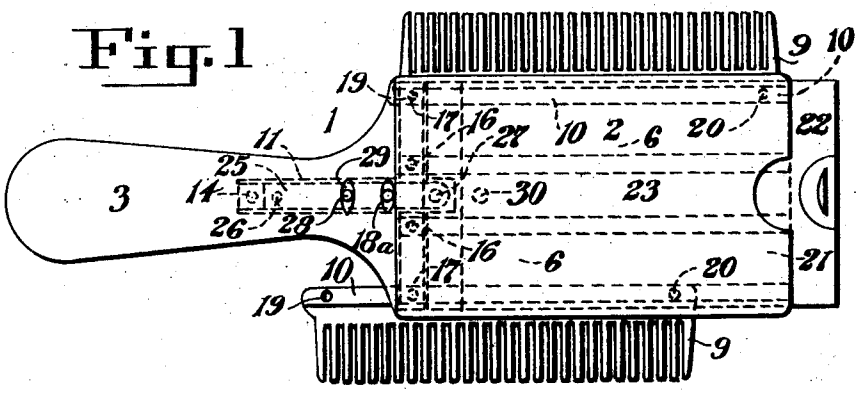


Fig. 2

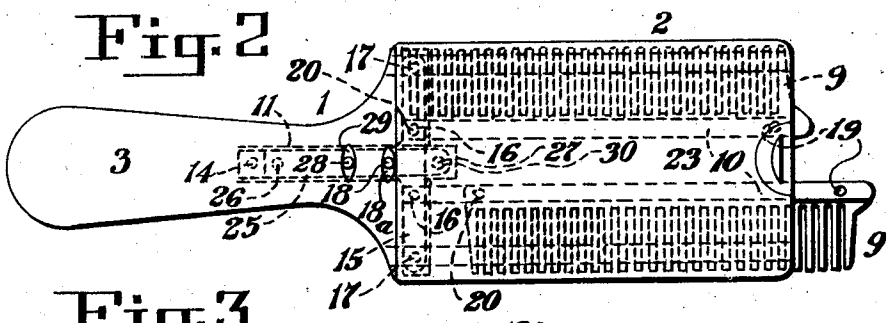


Fig. 3

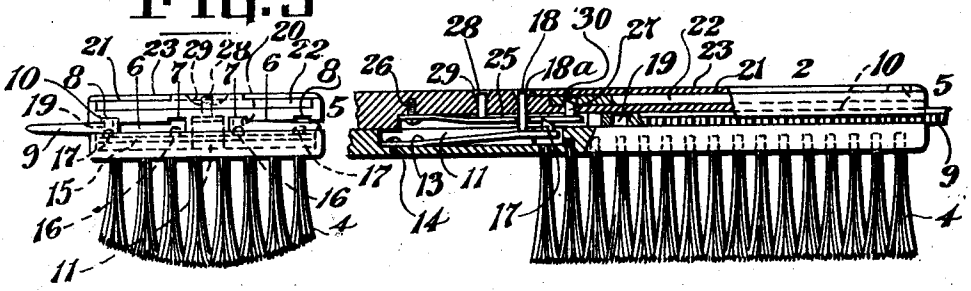


Fig. 4

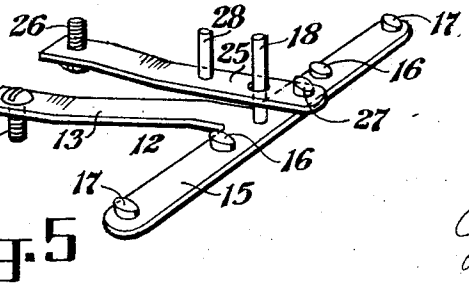


Fig. 5

INVENTORS

Benjamin Oshman,

Ulrich Oshman.

BY

Benjamin Oshman

ATTORNEY

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UNITED STATES PATENT OFFICE.

BENJAMIN OSHMAN AND DAVID OSHMAN, OF NEW YORK, N. Y.

COMBINED BRUSH AND COMB.

Application filed September 12, 1927. Serial No. 218,936.

This invention relates to a combined brush with combs, of the type wherein these two elements are utilized simultaneously and in cooperation for improved and efficient combing and brushing of the hair, and its principal object is to provide a simplified, efficient, and improved article for this purpose.

Another object is to provide such article with improved means for mounting the combs thereon and demounting them therefrom, to permit separate use of the combs when desired, and to permit separate, efficient, and convenient cleansing of the combs.

Another object is to provide such article with simplified, efficient, and improved means for demounting the combs when in operative state and placing them in the brush body in inoperative condition without projecting.

A further object is to provide such article with positive locking means for said combs when in operative or inoperative positions.

A further object is to provide such article with an improved mirror device, which will permit separate use of the mirror, which will positively lock the mirror, and which will completely guard the mirror and at the same time permit use thereof without requiring its removal.

A further object is to provide the brush member of such article with improved configuration with relation to the combs whereby an improved combined combing and brushing action will be derived.

Other objects and advantages will hereinafter appear.

In the accompanying drawings,—

Fig. 1 is a back plan view of the article, showing the combs in operative condition.

Fig. 2 is a view similar to Fig. 1, but showing the combs in inoperative state.

Fig. 3 is an end elevation of the article.

Fig. 4 is a sectional side elevation of the article.

Fig. 5 is a perspective view showing the locking details of the article.

The article 1 comprises the usual body 2, a handle 3, and a brush 4 set in said body. In each side 5 of said body is formed a channel 6 having a pair of tracks 7, 8. The combs 9 of this article are provided with guiding ledges 10 which are slidable in either of the tracks 7, 8, and when it is desired to mount these combs in operative condition they are slid into the tracks 8, in the manner shown at the lower side of Fig. 1, to the position shown at the opposite side of the body 2, in which positions the combs may be both utilized for combined combing and brushing with the brush 4. Said brush is configurated so as to curve in the direction of the combs 9, as shown in Fig. 3, for producing a more efficient combined combing and brushing action of the article. When the combs 9 are not in use they may be placed away in inoperative state within the brush-body 2, by withdrawing each of them out of the track 8 and inserting it into the channel 6 by sliding it into the track 7, in the manner shown in Fig. 2. In a cavity 11, extending partially within the body 2 and partially within the handle 3, is located a locking device 12 for the combs 9. Said device, Fig. 5, comprises a spring-bar 13, secured in place by a screw 14, from which bar extends a cross-rod 15 carrying a series of locking pins 16, 17, and said rod and pins are continually pressed upwardly by the spring-bar. A pin 18 projects upwardly from the centre of rod 15 through the body 2 and its terminal is lodged within a finger indentation 18^a in the back of the body 2. When the combs 9 are slid into their projecting operative positions in the tracks 8, as shown in Fig. 1, the pins 17 automatically enter holes 19 thereof and thereby effectively and positively lock the combs in this position, and when the combs are slid into their inoperative state, shown in Fig. 2, the pins 16 automatically enter the holes 20 thereof and thereby similarly lock the combs in this state. Upon pressing downwardly of the terminal of pin 18 in the indentation 18^a the pins 16, 17 release the combs 9 for withdrawal of the latter from either their operative or inoperative positions, or for withdrawing either comb from either of said positions for separate use unconnected with the brush-body 2.

In the body 2 and above the channels 6 is formed a pocket 21 in which slides a mirror 22, whereby the latter may be either inserted when not in use or withdrawn for use unconnected with the brush-body. The back 23 of this brush-body is made of a transparent non-crackable material, such as celluloid, whereby this back not only acts as a guard for the mirror 22, when the latter is slid into the brush-body, but at the same time permits using of the mirror without withdrawal from the body. In the cavity

11 is located a locking device 24 for the mirror 22. Said device, Fig. 5, comprises a spring-bar 25, secured in place by a screw 26, which bar carries a pin 27 that is thus continually pressed upwardly by the spring-bar, and an operating pin 28 projects upwardly from the bar 25 through the body 2 and its terminal is lodged within a finger indentation 29 in the back of the body 2. When the mirror 22 is slid into its pocket 21 in the body, as shown in Fig. 2, the pin 27 automatically enters a hole 30 thereof and thereby effectively and positively locks the mirror in this position. Upon pressing downwardly of the terminal of pin 28 in the indentation 29 the pin 27 releases the mirror 22 for withdrawal of the latter for separate use.

Variations may be resorted to within the scope of the invention, and portions of the improvements may be used without others.

Having thus described our invention, we claim:—

1. A hair brush having a body for the brush, said body having tracks in its sides, and combs adapted to slide longitudinally into and out of said tracks and projecting outwardly when in said tracks.

2. A hair brush having a body for the brush, said body having tracks in its sides, combs adapted to slide longitudinally into and out of said tracks and projecting outwardly when in said tracks, and means to lock said combs in place when in said tracks.

3. A hair brush having a body for the brush, said body having a track in its side, and a comb adapted to slide longitudinally into and out of said track and projecting outwardly when in said track.

4. A hair brush having a body for the brush, said body having a track in its side, a comb adapted to slide longitudinally into and out of said track and projecting outwardly when in said track, and means to lock said comb in place when in said track.

5. A hair brush having a body for the brush, said body having tracks in its sides, combs adapted to slide longitudinally into and out of said tracks and projecting outwardly when in said tracks, locking means for said combs located within said body having an operative portion at the exterior of the body, and said means being adapted to lock said combs in place when in said tracks.

6. A hair brush having a body for the brush, said body having a track in its side, a comb adapted to slide longitudinally into and out of said track and projecting outwardly when in said track, locking means for said comb located within said body having an operative portion at the exterior of the body, and said means being adapted to lock said comb in place when in said track.

7. A hair brush having a body for the brush, said body having a pair of tracked pockets, and combs adapted to slide longitudinally into and out of said pockets.

8. A hair brush having a body for the brush, said body having a pair of tracked pockets, combs adapted to slide longitudinally into and out of said pockets, locking means for said combs located within said body having an operative portion at the exterior of the body, and said means being adapted to lock said combs in place when in said pockets.

9. A hair brush having a body for the brush, said body having tracks in its sides, combs adapted to slide longitudinally into and out of said tracks and projecting outwardly when in said tracks, said body having tracked pockets, said combs adapted to slide longitudinally into and out of said pockets, locking means for said combs located within said body having an operative portion at the exterior of the body, and said means being adapted to lock said combs in place either when in said tracks or when in said pockets.

10. A hair brush having a body for the brush, said body having a pocket therewithin, a mirror adapted to slide into and out of said pocket, locking means for said mirror located within said body having an operative portion at the exterior of the body, and said means being adapted to lock said mirror in place in said pocket.

11. A hair brush having a body for the brush, said body having a pocket therewithin, a mirror adapted to slide into and out of said pocket, and the back of said brush being transparent to permit viewing of said mirror therethrough.

Signed at the city of New York, in the county of New York, and State of New York, this 31st day of August, A. D. 1927.

BENJAMIN OSHMAN.
DAVID OSHMAN.