Oct. 21, 1941. O. J. RAINVILLE 2,260,093

POCKET COMB

Filed April 2, 1941

Fig. 1.

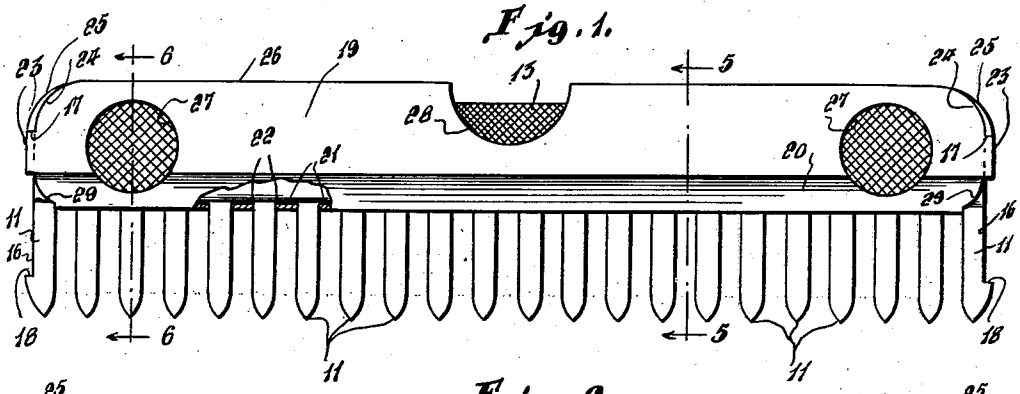


Fig. 2.

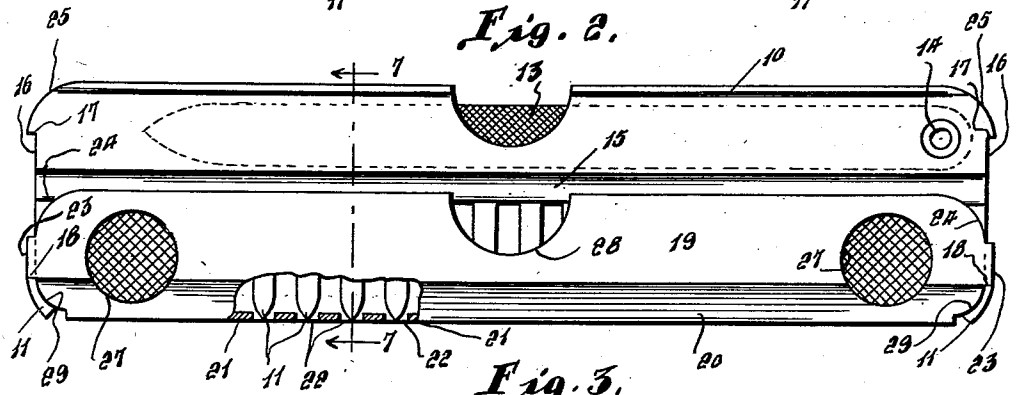


Fig. 3.

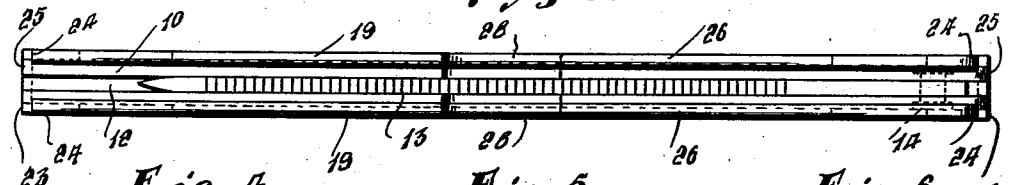


Fig. 4.

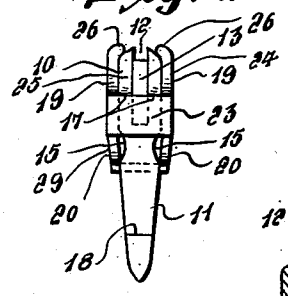


Fig. 5.

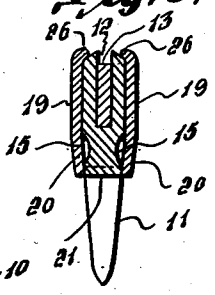


Fig. 6.

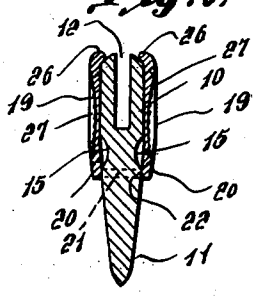
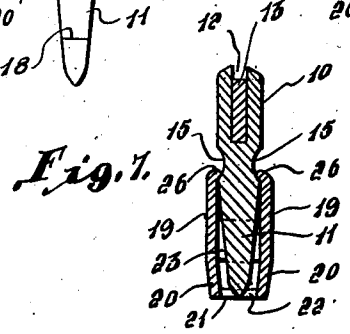


Fig. 7.



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2,260,093

POCKET COMB

Omer J. Rainville, South Attleboro, Mass.

Application April 2, 1941, Serial No. 386,533

6 Claims. (Cl. 132—15)

The present invention relates to pocket combs.

The primary object of the invention is to provide a pocket comb which is compact and which may be carried in the pocket of the user without causing damage to the pocket, such as snagging and tearing when the teeth of the comb become caught in the fabric.

A further object of the invention is to provide a comb having a tooth confining case which is slidable on the comb and is capable of being interlocked with the comb to retain the case in its retracted or extended position.

A still further object of the invention is to provide a pocket comb of the above-mentioned type having a retractable nail file concealed in the back of the comb so that the device may be used for cleaning the finger nails when the comb is not being used.

A still further object of the invention is to provide a comb with a tooth confining case having means for limiting the sliding motion of the case with respect to the comb so that the case will not become detached from the comb and lost.

Other objects and advantages of the invention will become apparent during the course of the following description of the accompanying drawing, wherein,

Figure 1 is a side elevational view of the invention illustrating the comb case in its retracted position with the teeth projected;

Figure 2 is a fragmentary side elevational view of the comb showing the confining case in its projected position;

Figure 3 is a top elevational view illustrating the manner in which the nail file is sheathed in the back edge of the comb;

Figure 4 is an end elevational view illustrating the bridge connection between the side walls of the comb case and showing the comb case in its retracted position;

Figure 5 is a vertical cross-sectional view taken on line 5—5 of Figure 1, looking in the direction of the arrows, illustrating the manner in which the inturned edges of the comb case embrace the top edge of the comb to retain the case in its retracted position;

Figure 6 is a vertical cross-sectional view taken on line 6—6 of Figure 1, looking in the direction of the arrows, illustrating the groove in the rear wall of the comb for receiving the nail file; and

Figure 7 is a vertical cross-sectional view taken on line 7—7 of Figure 2, looking in the direction of the arrows, showing the comb case in its projected position to confine the teeth of the comb.

In the drawing, wherein for the purpose of illustrating the invention and wherein like reference characters will be employed to designate like parts throughout the same, the reference character 10 will generally be employed to designate a comb back having formed integral therewith a series of comb teeth 11.

The comb back is provided with a longitudinal slot 12 on its rear edge to form a sheet for a folding nail file 13 pivoted at one end of the comb by means of a rivet or the like 14, anchored in a suitable opening in one end of the comb.

Between the comb back and teeth 11 there is formed a longitudinal groove 15 on each side of the comb which grooves terminate at the ends in elongated notches 16. The elongated notches 16 are provided with shoulders 17 at the upper end thereof and the notches 16 continue downwardly along the end teeth 11 and terminate in shoulders 18.

The comb case comprises a pair of side walls 19, the lower edges of which converge inwardly as at 20 to embrace the upper ends of the teeth 11 adjacent the groove 15. The side walls are connected by longitudinal bottom wall 21 having a series of openings 22 in direct alignment with the teeth 11 whereby the teeth may project therethrough as shown in Figure 1 when the comb is in use.

The end portions of the side walls 19 are connected by bridge walls 23 and said bridge walls 23 are adapted to ride in the notches 16 formed at the ends of the comb. The side walls are curved at their ends as at 24 to provide a finished appearance and to coincide with the curved end walls 25 of the comb back 10.

Formed on the upper marginal edges of the comb case 19 are inwardly directed bead portions 26 which are adapted to embrace the upper edge of the comb back 10 when the case is in its retracted position. When the case is in its projected position as shown in Figure 2, the inwardly directed beads 26 snap into the longitudinal grooves 15, between the comb back and teeth and thereby retain the comb case in position as shown in Figure 2 so that the teeth of the comb will be confined and protected.

Knurled portions 27 may be formed at each end of the comb case 19 to facilitate manipulation of the comb with respect to the case and the central portion of the case is provided with a circular recess 28 extending downwardly from the top walls thereof so that the comb may be grasped between the thumb and forefinger.

The lower portion of the comb case 19 may

have its ends rounded as at 29 similar to the rounded portion 24 so that the end teeth 11 will form a continuation or a substantially unbroken wall with the lower edge bottom wall 21 of the comb case.

It is to be understood that the form of the invention herewith shown and described is to be taken as the preferred embodiment of the same and that various changes in the shape, size and arrangement of parts may be resorted to without departing from the spirit of the invention or the scope of the subjoined claims.

I claim:

1. In a comb and case, a comb, a case slidable transversely of the comb in the plane thereof for exposing and concealing the teeth of the comb, means carried by the ends of the case and the ends of the comb for limiting movements of the case on the comb and cooperative means on the case and comb independent of the aforesaid means for holding the case in its adjusted position on the comb.

2. A comb and case as set forth in claim 1, wherein the means for limiting the movements of the case on the comb includes abutment shoulders on the end teeth and ends of the comb back and a bridge piece on each end of the case cooperating with said abutment shoulders.

3. A comb and case as set forth in claim 1, wherein the means for holding the case in adjusted positions includes the provision of a longitudinally extending groove on each side of the back of the comb adjacent the teeth and flanges carried by the free edges of the sides of the case receivable in the grooves when the case incloses the comb teeth and said flanges adapted to extend over the free edge of the back of the comb when the case is moved on the comb to expose the teeth.

4. A comb and case as set forth in claim 1, wherein the means for limiting the movements of the case on the comb includes abutment shoulders on the end teeth and ends of the comb back and a bridge piece on each end of the case cooperating with said abutment shoulders, the means for holding the case in adjusted position including the provision of a longitudinally extending groove on each side of the back of the comb adjacent the teeth flanges carried by the free edges of the sides of the case receivable in the grooves when the case incloses the comb teeth and said flanges adapted to extend over the free edge of the back of the comb when the case is moved on the comb to expose the teeth.

5. In a comb and case, a comb having a back and teeth, a case slidable transversely of the comb for selectively exposing and concealing the teeth thereof, said case being of U-shape in cross-section providing resilient side walls and a perforated bottom wall for the passage of the comb teeth, a bridge piece extending between the side walls of each end of the case and spaced abutment shoulders on each end of the comb adapted to be engaged by said bridge-pieces for limiting movements of the case on the comb for exposing and concealing the comb teeth, and cooperating means carried by the comb and case for holding the case in adjusted positions on the comb.

6. In a comb and case, a comb having a back and teeth, a case slidable transversely of the comb for selectively exposing and concealing the teeth thereof, said case being of U-shape in cross-section providing resilient side walls and a perforated bottom wall for the passage of the comb teeth, a bridge piece extending between the side walls of each end of the case and spaced abutment shoulders on each end of the comb adapted to be engaged by said bridge pieces for limiting movements of the case on the comb for exposing and concealing the comb teeth, cooperating means carried by the comb and case for holding the case in adjusted positions on the comb, including inwardly directed flanges on the free edges of the side walls of the case adapted to overlie the upper edge of the comb back when the case is in adjusted position to expose the comb teeth, and said comb having a longitudinally extending groove in each side thereof adapted to receive and retain said flanges when the case is in adjusted position concealing the comb teeth.

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