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COMBINATION TOILET ARTICLE

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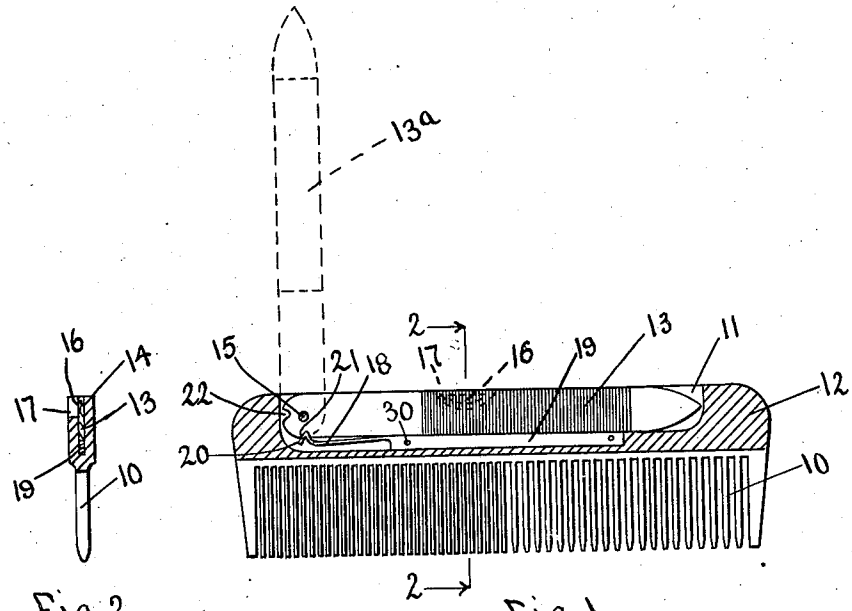


Fig. 2

Fig. 1

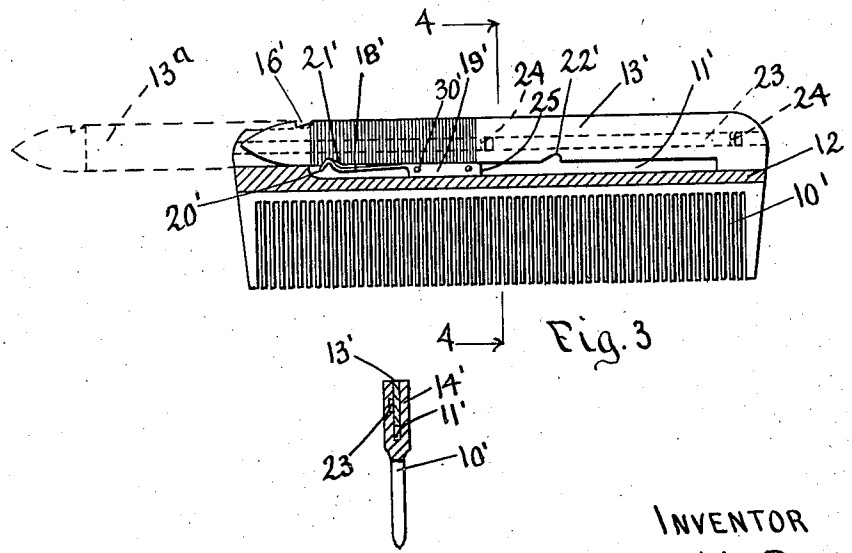


Fig. 3

Fig. 4

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COMBINATION TOILET ARTICLE

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1 Claim. (Cl. 132—76.2)

My invention relates to toilet articles and particularly to a combination article comprising a comb and a nail file.

One object of my invention is to provide a combination toilet article comprising a comb and a nail file, which may be carried in the pocket or in a purse.

A second object is to provide a combination article of this character in which the comb and the nail file are independent elements independently operative.

My invention consists in a comb and a nail file movably secured thereto, and when not in use, protected thereby.

In the accompanying specification and the drawing forming a part thereof, I have described and illustrated a preferred embodiment of my invention, together with a modification, but I do not confine myself to these disclosures, as other modifications may be made without departing from the scope of the appended claim.

In the drawing,

Fig. 1 is a side elevation, partly in section of the preferred embodiment.

Fig. 2 is a sectional end elevation, on line 2—2, Fig. 1.

Fig. 3 is a side elevation, partly in section, of a modified form.

Fig. 4 is a sectional end elevation on line 4—4, Fig. 3.

Referring to the drawing,

The comb 10 is channeled at 11 in the comb back 12. Within this channel is movably secured, the nail file 13, the lips 14 limiting the channel, serving to house the nail file when not operative.

In Figs. 1 and 2, this file is pivoted at 15 and the file is notched at 16 to facilitate swinging the file on its pivot, the contiguous lip being cut away at 17 to permit engagement of the finger nail with the notch in the file.

The spring 18 extending from the leaf 19 secured in the channel by suitable means here shown by rivets 30, is formed with the detent 20, engaging either notch 21 or 22, according as the file is in operative or inoperative position.

The file may be rotated on its pivot through 90 degrees from inoperative to operative position, the detent 20 being shown in engagement with the notch 21 on the file edge.

As the file is rotated to operative position relative to the comb, the detent will engage the notch 22, the detent being so formed that it will be depressed when the file is swung, and engage the edge and at the operative position, the notch 22.

In the drawing Fig. 1, the channel is shown as closed, and the file in operative position is limited in rotation by such closure, but this is not an essential feature, as the channel may be open and the file rotated through 180 degrees to a substitute operative position the detent engaging a corresponding notch similar in form to the notch 22.

In the modification, Figs. 3 and 4, similar references with a prime sign are used to describe the construction.

In this form, the nail file 13' is slidable in the channel 11'.

One lip 14' is formed with the spline at 23, and projections 24 from the file are formed to engage this spline to retain the file in the channel. An extension of the file at 25 is adapted to abut the contiguous end of the spring leaf 19' to positively limit the movement outwardly when used, the detent 20', engaging the notches 21', 22' to yieldingly retain the file in operative or inoperative position as the case may be. In Fig. 3 the file is shown in inoperative position with detent 20' in engagement with the notch 21'. The file is slidable to operative position shown in dots, by means of the notch 16', at which point the detent engages the notch 22', the projections 24 engaging the channel 23 to insure rectilinear movement.

In the drawing the embodiments are both shown with the nail file encased within the comb back, the operative position being indicated by broken lines at 13a in Figs. 1 and 3.

Having thus described my invention, I claim:

In a toilet article comprising a body member formed with a channel, a nail file hinged within the channel having notches formed in its edge, radial with said axis, and corresponding to the operative and inoperative positions of the file and operative to swing from the channel to operative position and means for retaining the file in operative or inoperative position comprising an element formed with a detent adapted to yieldingly engage, normal with the axis of rotation of the file, with said notches.

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