March 29, 1938. L. CAPLAN 2,112,518

TOILET ARTICLE

Filed March 17, 1936

Fig. 1.

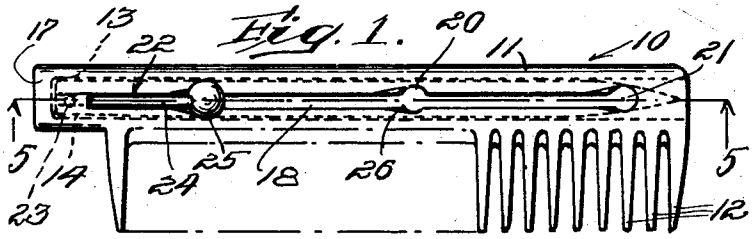


Fig. 2.



Fig. 3.

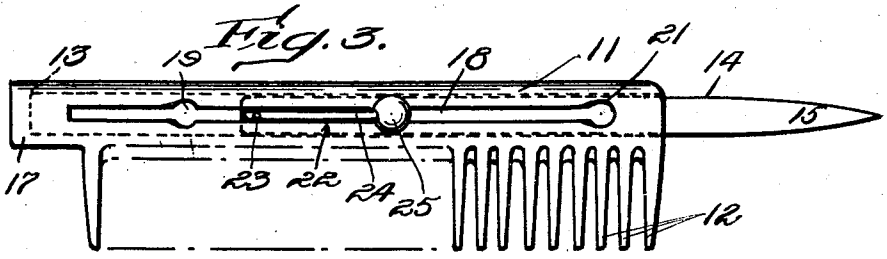


Fig. 4.

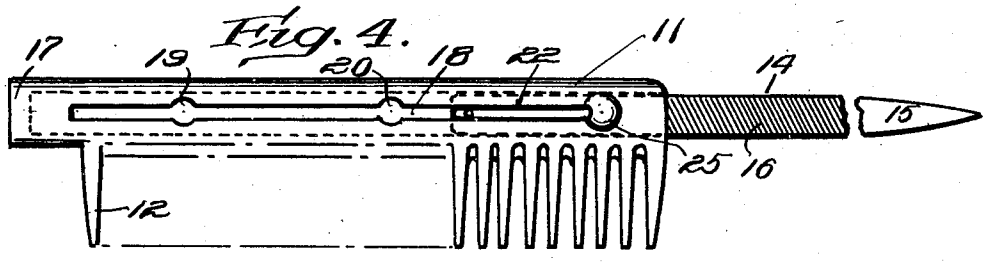
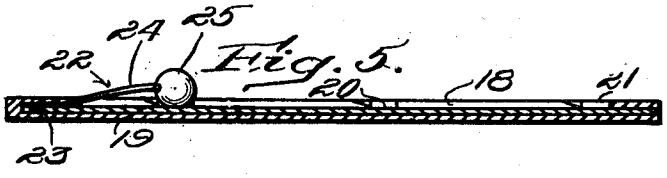


Fig. 5.



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TOILET ARTICLE

Leo Caplan, Brooklyn, N. Y.

Application March 17, 1936, Serial No. 69,263

3 Claims. (Cl. 132—79)

This invention relates to a combination toilet article, more specifically a manicure instrument.

The invention has for one of its objects to provide a simple, inexpensive, durable and compact manicure instrument which may be conveniently carried in the pocket or in a lady's purse.

Other objects of the invention will be obvious from the following description.

In the accompanying drawing wherein is shown one of various possible embodiments of the invention:

Fig. 1 is a view in front elevation of the toilet article constituting the present invention.

Fig. 2 is a view in left end elevation of the article shown in Fig. 1.

Fig. 3 is a view corresponding to Fig. 1 but showing the manicure instrument partially extended for use as a nail cleaner.

Fig. 4 is a view corresponding to Fig. 1 but showing the manicure instrument fully extended for use as a nail file.

Fig. 5 is a longitudinal sectional view taken on the line 5—5 of Fig. 1.

A comb is indicated at 10, having a head 11, and teeth 12. The head 11 has a longitudinal recess, 13, sufficient in width to accommodate a flat comparatively wide manicure instrument 14, comprising a pointed section 15 at one end and a file section 16 along its shank. The recess 13 extends to one end of the comb head and at the opposite end the comb head may, if desired, be provided with a substantial projection 17 beyond the tooth section of the comb for a purpose which will be later described. Preferably the recess 13 terminates short of the end of the projection but is of sufficient length to accommodate the manicure instrument so that the same may be completely sheathed by the head of the comb as shown clearly in Fig. 1.

The comb head is further provided with a slot 18, extending along one face of the comb head and communicating with the recess 13, so that in cross section through the head of the comb a T-slot appears. This slot terminates short of the recess 13, and is provided with three enlargements 19, 20, and 21, providing stop walls for a member projecting from the manicure instrument 14. In the present preferred embodiment of the invention, this projection is a clip 22 which is riveted at one end to the nail file as indicated at 23. The clip has a shank portion 24 of spring metal and at its free end carries a ball which under the normal spring tension of the spring shank 24 bears against the manicure instrument 14 where this relation is possible due to the enlargements 19, 20, and 21 in the slot 18.

When the manicure instrument is completely withdrawn into the head of the comb the ball 25 rests in the enlargement 19 and the rivet 23 on the end of the clip has been pushed in between the upper and lower surfaces of the comb head formed by the recess 13. The depth of the recess at this point is designed to receive the end of the file and the clip end rivet under a slight wedging action tending to hold the manicure instrument in position irrespective of the engagement of the ball 25 with the walls of the slot enlargement 19.

The ball-headed clip is preferably of a size to raise its center above the plane of the face of the comb when the side of the ball is bearing on one side of the manicure instrument. Thus the clip may be conveniently manipulated over the edge of a pocket to hold the combination device in position in the pocket and when functioning as such a holding means the wedging action of the end of the file and the end of the clip into the recess provided at the end of the comb head serves to prevent relative movement between the comb and the manicure instrument. The projection 17 is of such length that when the clip is in engagement with the edge of a pocket the teeth of the comb are wholly within the pocket and hidden thereby, so that the article has the appearance of a pen or pencil.

When the article is out of clipped relation with the pocket, the ball 25 springs into the slot enlargement 19, prevents relative longitudinal movement, and supplements the wedging action heretofore referred to. When it is desired to use the point of the manicure instrument with suitable reenforcement the ball of the clip is raised slightly against the spring tension of the shank 22 and the manicure instrument may be slid in the slot 13 until the ball 25 locates in the slot enlargement 20 and the parts are then in the position shown in Fig. 3. When it is desired to use the manicure instrument as a file, the ball is again lifted and moved until it finds a position in the slot enlargement 21 and the parts are then in the position shown in Fig. 4. If desired, the walls of the slots may be slightly tapered as indicated at 26 so that in making the return movement of the manicure instrument to its sheathed position in the head of the comb, the ball 25 will yield and ride easily along the slot 18 under pressure exerted on the manicure instrument itself.

Preferably the entire comb is made of cellu-

lose acetate injected to a suitable mold so that the comb is formed complete with recess and slot in one operation. The manicure instrument and its clip member are desirably of metal.

What is claimed is:

1. A toilet article, comprising a nail file, a holder having a wide recess in its head to receive the nail file, a clip fastened at one end of the nail file having a shank and a ball end adapted to attach the article to the edge of a pocket, the holder having a slot lengthwise of the head thereof communicating with said recess, through which the shank of the clip extends, said slot having an enlargement to receive the ball head of the clip when the nail file is in retracted position.

2. A toilet article comprising a holder, a nail file slidably mounted in the said holder, and spring means for wedgingly but releasably holding said file in sheathed position within said holder.

3. A toilet article comprising a nail file, a holder having a wide recess in its head to receive the nail file, a clip fastened at one end of the nail file having a shank and a ball end, the holder having a slot lengthwise thereof, communicating with said recess, through which the shank of the clip extends, said slot being enlarged periodically to receive the ball head of the clip, and said recess extending beyond the slot near one end of the holder and being of a depth to cause frictional engagement of the file and the fastened end of the clip by the opposed faces of the holder at the slot.

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