Feb. 1, 1927. 1,616,355

R. P. CONSIDINE

COMBINED TWEEZERS, FINGER NAIL FILE, AND CLEANER

Filed March 22, 1926

Fig. 1.

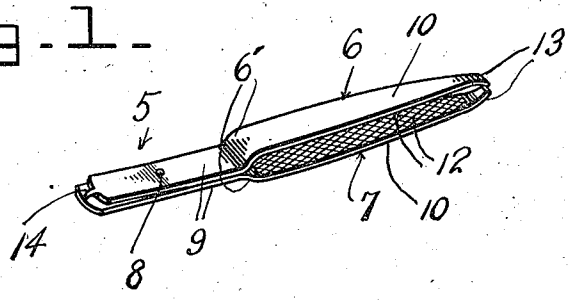


Fig. 2.

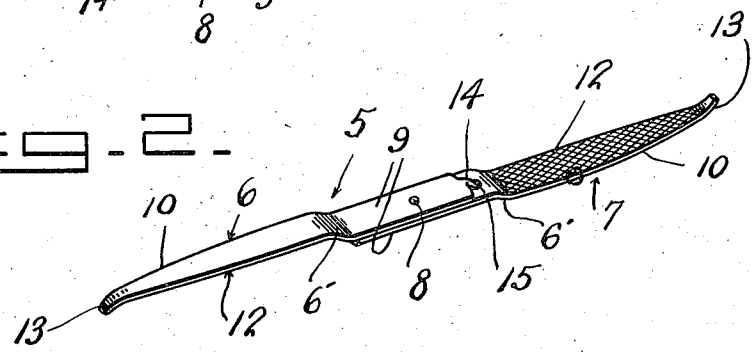


Fig. 3.

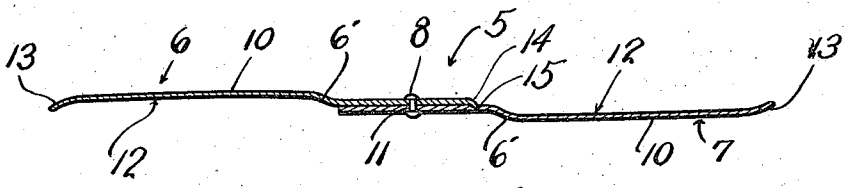
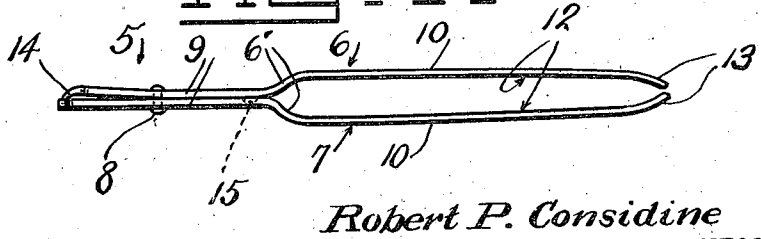


Fig. 4.



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UNITED STATES PATENT OFFICE.

ROBERT P. CONSIDINE, OF FULTON, ILLINOIS.

COMBINED TWEEZERS, FINGER NAIL FILE, AND CLEANER.

Application filed March 22, 1926. Serial No. 96,585.

This invention relates to toilet articles and more particularly to a combined tweezer, finger nail file and a finger nail cleaner.

The primary object of this invention resides in the provision of a toilet article adapted to function as finger nail files when unfolded and as tweezers when folded.

Another object of this invention resides in the provision of a toilet article adapted to be utilized as a finger nail cleaner when partly folded.

A further object of this invention resides in the provision of a toilet article consisting of companion finger nail files of such construction that resilient tweezer jaws will be provided upon disposing the files in opposed relation.

A still further object of this invention resides in the provision of a toilet article consisting of companion finger nail files so associated as to become locked in unfolded position and provide resilient tweezer jaws when in folded position.

In addition to the foregoing objects, this invention consists of companion finger nail files of such construction that their assemblage into a unit establishes a dual function for a finger nail cleaner formed on one of the files.

Among the aforesaid objects, this invention resides in the provision of companion finger nail files assembled in pivotal relation so as to utilize the pivotal element thereof and finger nail cleaner carried by one file to establish the proper degree of resiliency between the files when folded to provide tweezers.

With these and other objects in view, this invention resides in certain novel features of construction, arrangement and combination of elements to be hereinafter set forth in the specification, illustrated in the accompanying drawing and pointed out in the appended claim and, while the disclosure depicts my present conception of the invention, the right is reserved to resort to such changes in construction as come within the scope of the claim.

In the accompanying drawing forming a part of this application:

Fig. 1 is a perspective view of a combined tweezer, finger nail file and cleaner, shown in folded position;

Fig. 2 is a similar view showing the same in unfolded position;

Fig. 3 is a longitudinal sectional view thereof in unfolded position;

Fig. 4 is a side view thereof in folded position.

In the present embodiment of this invention, the numeral 5 designates, in general, a combined tweezer, finger nail files and cleaner, preferably formed from crucible annealed spring steel, and consisting of companion members 6 and 7 pivotally secured together by a rivet 8.

The aforesaid members 6 and 7 are offset as at 6′ in the region of their medial portions to provide minor portions 9 and major portions 10, the former of which are apertured as at 11 to receive the rivet 8, while the opposed surfaces of the latter are knurled as at 12 to provide abrading areas of different degrees of roughness. The extremities of the major portions of the members 6 and 7 are gradually deflected toward one another to provide jaws 13 and, through the instrumentality of the rivet 8 and a prong 14 formed at the extremity of the minor portion of the member 6, the jaws 13 are retained in spaced relation for manipulation when the members are in folded position.

When the members are in unfolded position the prong 14 is adapted to engage a depression 15 formed in the member 7 adjacent the offset portion thereof.

To facilitate the utilization of the prong 14 as a finger nail cleaning element, the members 6 and 7 are disposed approximately in right angular relation or partly folded, thus it will be observed that the prong will lie sufficiently to one side of the member 7 to readily perform the functions of its adoption.

With an assemblage of elements disposed as aforesaid, it will be noted that the opposed knurled areas of the members 6 and 7 will be protected when said members are in folded position and, when in unfolded position, the said knurled areas will lie in convenient relation to one another to be used as abrading elements. Further, this association of elements not only disposes the jaws of the members so as to establish rigidity therebetween, when folded, but, through the coaction of the prong 14 with the surface of the member 7, the jaws are disposed in opposed relation for convenient operation.

With this invention fully set forth, it is

manifest that a toilet article of compact character is produced, and, through the co-action of the several elements involved, the same is adapted to function as a unit having a threefold purpose.

Having thus described my invention, what I claim and desire to protect by Letters Patent is:

A toilet article of the character described comprising a file member having one end deflected and a depression adjacent its other end, a second file member having one end deflected toward the deflected end of the first mentioned file member, a prong on the opposite end of the second mentioned file member at a point for seating in the depression of the other member when opened, a pivotal element connecting the file members equidistant from the depression and prong, and abrading areas on certain surfaces of the file members.

In testimony whereof I affix my signature.

ROBERT P. CONSIDINE.