

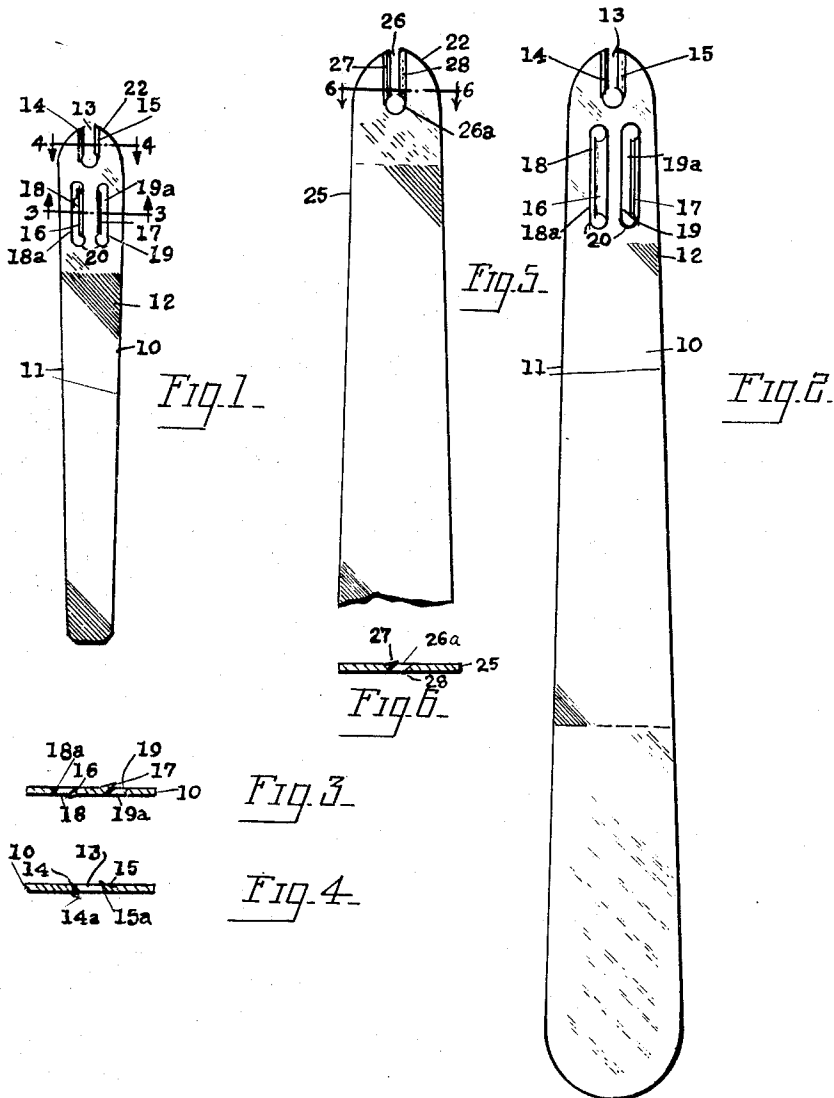
Nov. 2, 1965

J. GUARDINO

3,215,150

FINGER NAIL SCRAPING AND TRIMMING NAIL FILE

Filed July 24, 1962



INVENTOR

J. Guardino

1

3,215,150

FINGER NAIL SCRAPING AND TRIMMING NAIL FILE

John Guardino, 90-100 Thompson St., New York, N.Y.

Filed July 24, 1962, Ser. No. 212,035

1 Claim. (Cl. 132-75.4)

This invention relates to an improved nail file, for filing finger nails, and one of its objects is to provide a nail file with means for scraping the inside surfaces of the nails, after they have been trimmed, so that all attached dirt can be removed from the nails and a better showing thus made.

Another object of the invention is to provide a nail file with cutting edges formed from a central struck out blade, which are provided with ground cutting edges, which can be used for slicing the finger nails, or actually trimming excess portions of the nails, so that the use of nail clippers may be avoided.

A further object of the invention is to provide a nail file with nail scraping edges and with nail cutting edges, which can be formed from a single nail file body in a die blanking and shaping operation, followed by an edge grinding operation to provide smooth and keen cutting edges, disposed longitudinally, so that the body of the nail file can be held in the hand and the nails of either hand trimmed in perfect safety.

With the above and other objects in view the invention relates to certain new and useful constructions, combinations and arrangements of parts, clearly described in the following specification of the accompanying drawings, in which:

FIG. 1 is a plan view of a nail file embodying my invention.

FIG. 2 is an enlarged plan view thereof.

FIG. 3 is a cross sectional view, taken on line 3-3 of FIG. 1, looking in the direction of the arrows.

FIG. 4 is an end view of the front end of the file.

FIG. 5 is a plan view of a nail file, having longitudinal cutting and scraping edges formed so as to provide a nail receiving slot opening through the forward end edge of the file.

FIGURE 6 is a cross sectional view taken on line 6-6 of FIGURE 5, looking in the direction of the arrows.

Referring to the accompanying drawings, 10 designates the body of the nail file, which is made from a die cut blank of thin sheet tool steel, having tapered side edges 11, and the usual file teeth 12 formed thereon.

The forward end of the nail file is formed with a narrow longitudinal slot 13, just wide enough to freely receive a finger nail. One side of this slot provides a scraping blade 14, which is inclined slightly to one side of the file, to provide an outset diagonal or sloping scraping edge 14a. On the other side of the slot 13 a second scraping blade 15 is formed, which is deflected or inclined in a direction opposite to that of the blade 14, toward the opposite side of the nail. This blade 15 has a scraping edge 15a which is outset from the adjacent side of the file.

Rearwardly of the scraping edges 15a and 14a nail trimming blades 16 and 17 are formed, which are disposed longitudinally and which are considerably longer than the scraping blades 14 and 15. The edge of the blade 16 is ground to provide a keen cutting edge and is die set outwardly of one side of the nail file, and the blade 17 is ground to a keen cutting edge and is die set out-

2

wardly of the other side of the nail file. The ground cutting edge of the blade 16 is spaced apart from the longitudinal edge 18a of the slot 13, to provide a clearance to admit the nail to be trimmed. The ground cutting edge 17a of the blade 17 is spaced apart from the adjacent edge 19 of the file, to provide an open slot or clearance 19a to receive the nail to be trimmed.

In order to secure the proper inclination or pitch of each nail trimming blade, the longitudinal slot for each blade is enlarged by a circular hole 20, which is so located that the entire length of the nail trimming blade can be bent to the best cutting angle for grinding and for cutting or nail trimming.

In FIGS. 5 and 6 I show a nail file 25, having a single longitudinal slot 26, and blades 27 and 28, spaced apart by this slot and confronting each other across the slot. The slot 26 is enlarged at its inner end by the circular hole 26a.

The blade 27 is offset from one side of the nail file and the blade 28 is offset from the other side of the nail file, and the edges of these blades are ground to a keen cutting edge. By this construction the blades 27 and 28 may be used for nail trimming and nail scraping or cleaning.

My improved nail scraping and nail trimming nail file can be placed in any pocket of the worn garments, or in any place in a purse or book for holding personal belongings.

By means of my invention a person may readily trim his or her nails, and then scrape the terminals of the cleaned nails, so that they will look their best. One blade is used when the nails of the left hand are to be trimmed and the other blade is used when the nails of the right hand are to be trimmed. This trimming action does not call for the use of the heavy hand pressure required to operate a nail clipper, and is completed in perfect safety.

The forward end of the nail file is formed with a convex curved edge 22, which provides a guard for limiting the pressure which may be exerted on the nail file when the inside of the nails are being scraped. There is in this construction a complete absence of a dangerous point on the nail file, which may be accidentally forced into the tender flesh under the nail.

Having described my invention I claim as new and patentable:

A finger nail file formed of relatively thin and flat tool steel having a serrated filing surface and provided at one end with a longitudinally disposed open-ended slot and scraping edge on the sides of the slot, the scraping edges being spaced a narrow distance apart to limit the penetration of a finger nail disposed between and in scraping engagement with one scraping edge, a pair of longitudinal slots spaced apart from each other removed from the open-ended slot, the inner edge portion of one of said pair of slots being laterally deflected and provided with a ground cutting edge projecting outwardly of the adjacent outer side of the file and the inner edge of the other slot of said pair of slots being deflected outwardly and in the opposite direction of the first-named deflected edge and provided with a ground cutting edge projecting outwardly of the other side of the file, one cutting edge being usable for cutting the finger nails of one hand and the other cutting edge being usable for cutting the finger nails of the other hand, the portions of the file inwardly and outwardly of the pair of slots being flat on both sides thereof whereby a finger nail may be moved into direct

3

cutting engagement with each cutting edge and a cut of but limited depth made in the finger nail.

References Cited by the Examiner

UNITED STATES PATENTS

409,629	8/89	Brock	30—279
1,010,554	12/11	White	30—279
1,378,522	5/21	Carter	30—279

4

1,395,180	10/21	Etzweiler	132—75.4
1,402,061	1/22	Fleece	132—76.4
1,674,271	6/28	Winquist	30—279
2,251,183	7/41	Antoski	30—279
2,321,289	6/43	Gamache	30—279

5

RICHARD A. GAUDET, *Primary Examiner.*
JORDAN FRANKLIN, *Examiner.*