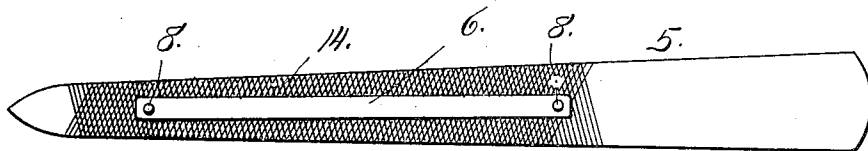


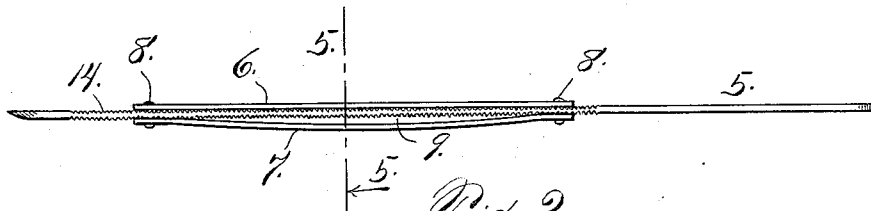
W. J. KELLY.  
 NAIL FILE.  
 APPLICATION FILED MAY 20, 1912.

1,069,269.

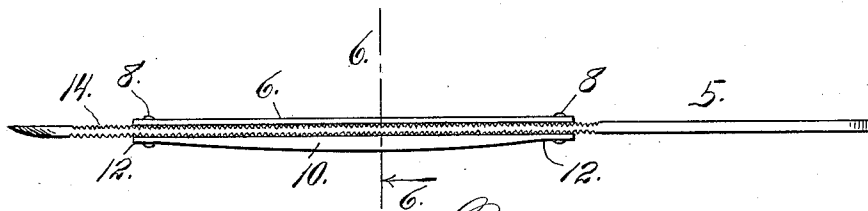
Patented Aug. 5, 1913.



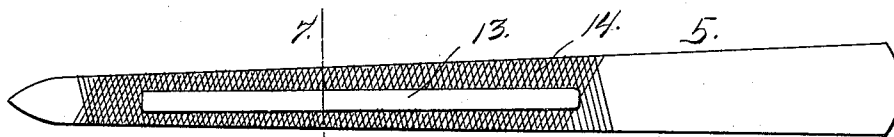
*Fig. 1.*



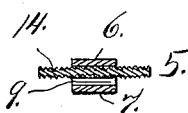
*Fig. 2.*



*Fig. 3.*



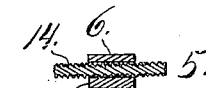
*Fig. 4.*



*Fig. 5.*



*Fig. 6.*



*Fig. 7.*

Witnesses  
*Otto E. Hoddick.*  
*C. H. Rossner.*

Inventor  
*W. J. Kelly.*  
 By *A. J. Brown* Attorney

# UNITED STATES PATENT OFFICE.

WILLIAM J. KELLY, OF DENVER, COLORADO.

NAIL-FILE.

1,069,269.

Specification of Letters Patent.

Patented Aug. 5, 1913.

Application filed May 20, 1912. Serial No. 698,608.

*To all whom it may concern:*

Be it known that I, WILLIAM J. KELLY, a citizen of the United States, residing in the city and county of Denver and State of Colorado, have invented certain new and useful Improvements in Nail-Files; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the characters of reference marked thereon, which form a part of this specification.

My invention relates to improvements in nail files, my object being to provide a device of this character which shall serve as a guide and also as a gage while using the same upon the nails. This object is accomplished by equipping the file longitudinally and preferably centrally of its width with a comparatively narrow member extending beyond the plane of the body of the file, the thickness of this member being such as to gage the length of the nail after the filing operation is complete, and at the same time serve as a guide to the nail during the use of the file to prevent the nail from slipping over the longitudinal edge of the file in either direction.

Either or both of the flat surfaces of the file may be equipped with my improvement. This member, which constitutes the guide and gage, may vary in thickness and in this event it is preferred to have it thickest in the center and taper toward both ends, or, this element may be of the same thickness throughout its length but so secured to the file that it shall bow outwardly therefrom between its extremities, thus forming it into a yielding member and at the same time giving the same result as when the device is made thickest in the center.

Having briefly outlined my improved construction, I will proceed to describe the same in detail, reference being made to the accompanying drawing in which is illustrated an embodiment thereof.

In this drawing: Figure 1 is a side view of a nail file equipped with my improvement. Fig. 2 is an edge view of the same. Fig. 3 is also an edge view, showing a slightly modified form of construction. Fig. 4 is a view similar to Fig. 1, but showing the gage and guide-member formed in-

tegral with the body of the file. Figs. 5, 6 and 7, are cross-sections taken on the lines 5—5, 6—6, and 7—7 of Figs. 2, 3 and 4 respectively.

The same reference characters indicate the same parts in all the views.

Let the numeral 5 designate the body of a nail file whose milled or roughened portion is equipped with a gage and guide-member 6 on one side and a similar member 7 on the other side. The member 6 consists of a flat, plain piece of metal or other suitable material applied to the milled portion of the file longitudinally, and midway between its longitudinal edges, the said member being secured at its opposite ends by means of fastening devices, as rivets 8. This member 6 closely engages the body of the file throughout its length. To the opposite side of the file (see Fig. 2) is secured the member 7 which is similar in construction to the member 6, but so applied that it bows outwardly from the body of the file between its extremities, normally leaving a narrow space 9 between the body of the file and the member 7. The member 7 is secured to the file by the rivets 8 which secure the member 6 thereto as heretofore explained.

In the form of construction shown in Fig. 3, the gage and guide-member on one side of the file is the same as shown in Fig. 1 and is therefore designated by the numeral 6, the same being secured by the rivets 8, as in Figs. 1 and 2. However, on the opposite side of the file from the member 6, a member 10 is located which is thinnest at its extremities 12, and increases in thickness from both extremities toward its center where it is thickest.

In the form of construction shown in Fig. 4, the file is equipped on both sides with a gage and guide-member 13 which is substantially the same as the member 6, except that, as illustrated in the drawing (see Figs. 4 and 7), the member 13 in each case is formed integral with the body of the file.

From this it will be understood that the gage and guide-member may be applied to the file in any suitable manner and it may be of any desired form or shape that may be found practicable or convenient.

In the use of a file equipped with my improvement, the flat face of the gage-member is pressed against the end of the finger

or thumb while the nail which overlaps the edge of the said member is brought in contact with the adjacent milled or roughened surface 14 of the file, and the latter is moved  
5 back and forth upon the edge of the nail until the nail is reduced to the desired length, or a length corresponding with the thickness of the gage.

In using the form of construction shown in Fig. 2 and the side of the file equipped with the member 7, the said member possesses a limited degree of elasticity and at the same time makes it practicable to conveniently leave the nail longest at the center; or in other words, to so manicure the  
15 nail that it tapers from its opposite corners toward the center as is desired by many people. The same result may also be obtained by using the member 10 in the form of construction shown in Figs. 3 and 6, except that  
20 the member 10, instead of bowing outwardly from the file, is in close contact therewith throughout its length and therefore does not yield during the use of the file.

In using the form of construction shown in Fig. 4, the result obtained is exactly the same as in using the member 6 in either of the other forms of construction.

Having thus described my invention, what I claim is:

1. A nail file equipped with a comparatively long guard applied longitudinally to the milled, roughened surface thereof and between its longitudinal edges, said guard  
35 being of appreciable thickness and narrower than the file surface.

2. As an improved article of manufacture, a nail file equipped on the opposite sides of its milled or roughened portion  
40 with a gage and guide-member extending

outwardly from the body of the file, for the purpose set forth.

3. A nail file equipped on either side of its milled or roughened portion with a gage and guide-member, whose outer surface  
45 midway between its extremities is farther away from the body of the file than its extremities.

4. A nail file equipped with a gage and guide-member which is applied to the milled  
50 or roughened surface thereof and of less width than the milled surface of the file, the said member having parts of its outer surface farther away from the body of the file than other parts, for the purpose set forth. 55

5. A nail file equipped with a gage and guide-member whose extremities are secured to the body of the file, the said member being bowed outwardly from the file between its extremities, for the purpose set forth. 60

6. A nail file equipped with a gage and guide-member applied to its roughened or milled surface on opposite sides, the said members extending longitudinally of the file, being narrower than the body of the  
65 file and being centrally disposed between the longitudinal edges of the file, substantially as described.

7. A nail file upon one side of which is mounted a substantially smooth member of  
70 appreciable thickness and of the same general shape as the file, but of smaller proportions.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM J. KELLY.

Witnesses:

A. J. O'BRIEN,  
A. E. ADAMS.