July 11, 1939. O. SCHMIDT 2,166,024

TOOL HANDLE FASTENING

Filed Jan. 26, 1938

Fig. 1.

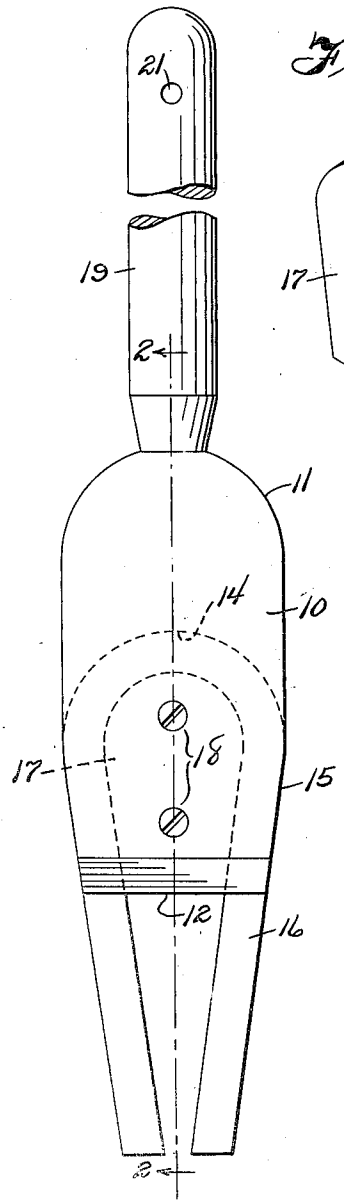



Fig. 3.

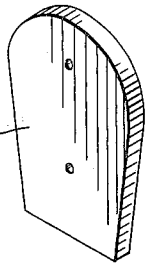
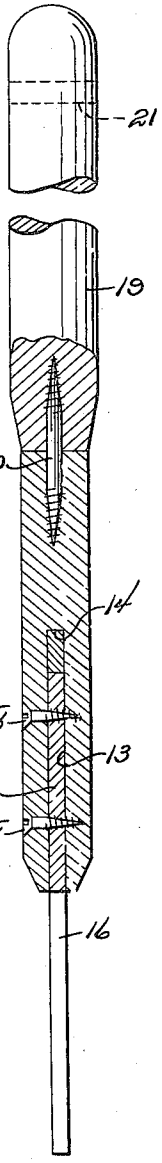



Fig. 2.




Otto Schmidt

INVENTOR

BY Victor J. Evans & Co.

ATTORNEYS

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## TOOL HANDLE FASTENING

Otto Schmidt, Methuen, Mass.

Application January 26, 1938, Serial No. 187,070

1 Claim. (Cl. 306—21)

This invention relates to tool handle fastenings and has for an object to provide a device for connecting a horse shoe magnet to a handle to be conveniently used for picking up pins, hair pins, tacks, and other small metal objects in hairdressing, dressmaking and other establishments.

A further object is to provide a device of this character which will be formed of a few strong simple and durable parts, which will be inexpensive to manufacture, and which will not easily get out of order.

With the above and other objects in view the invention consists of certain novel details of construction and combinations of parts hereinafter fully described and claimed, it being understood that various modifications may be resorted to within the scope of the appended claim without departing from the spirit or sacrificing any of the advantages of the invention.

In the accompanying drawing forming part of this specification,

Figure 1 is a side elevation of a horse shoe magnet secured to a handle by a fastening constructed in accordance with the invention.

Figure 2 is a longitudinal sectional view taken on the line 2—2 of Figure 1, with parts in elevation.

Figure 3 is a perspective view of the magnet securing block.

Referring now to the drawing in which like characters of reference designate similar parts in the various views, 10 designates a head which is preferably formed of a flat substantially oblong blank of material having one end rounded as shown at 11 and having the opposite end substantially straight as shown at 12. The head is provided with a recess 13, best shown in Figure 2. The inner wall of the recess is rounded, as shown at 14 in Figure 1. The recess opens out through the straight end 12 of the head and also opens through the side edges 15 of the head.

The upper portion of a permanent horse shoe magnet 16 is located within the recess of the head with the curved end of the magnet bearing snugly upon the curved inner wall 14 of the recess. The legs of the magnet extend along the side edges 15 of the head and project beyond the straight end edge 12 of the head.

A locking block 17 is disposed within the curved end portion of the horse shoe magnet and has a contour similar in shape to the inner edge of the rounded end portion of the magnet and to the contour of the inner edges of the legs of the magnet. A pair of screws 18 are passed through one side of the head, through the locking block 17 and into the opposite side of the head to rigidly secure the magnet and block in the recess of the head.

A handle 19 is secured to the rounded end of the head by a screw pin 20 best shown in Figure 2. The handle is provided at the free end with an opening 21 by means of which the device may be hung upon a nail.

From the above description it is thought that the construction and operation of the invention will be fully understood without further explanation.

What is claimed is:

A tool handle fastening for connecting a horse shoe shaped tool to a handle comprising a head provided with a recess opening through one end and both side edges of the head, the inner wall of the recess being rounded, a block located within the recess for wedging the tool into contact with the walls of the recess, and means to secure the block in the recess.

OTTO SCHMIDT.