May 28, 1940. B. M. HIATT 2,202,253

TOOL RECEIVING HANDLE

Filed May 4, 1938

FIG 1

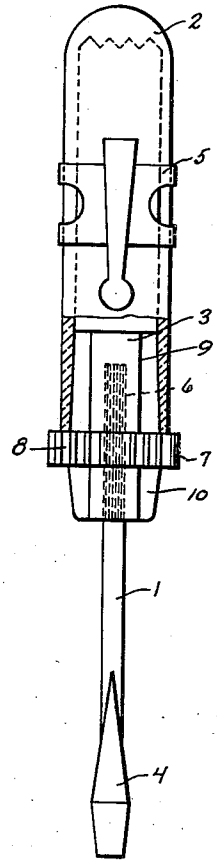


FIG 2

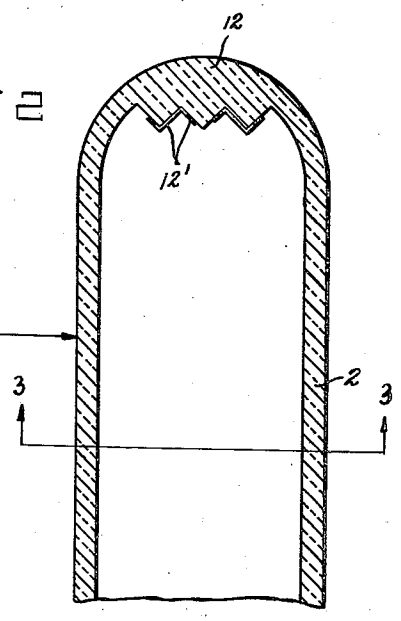


FIG 3

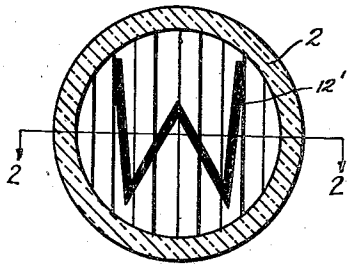
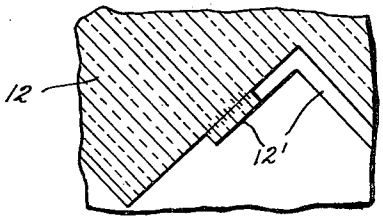


FIG 4



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TOOL-RECEIVING HANDLE

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Application May 4, 1938, Serial No. 206,024

1 Claim. (Cl. 40—2.2)

This invention relates to new and useful improvements in tools such as screw drivers, files, augers, tweezers, awls, gimlets, knives, etc. and the method of making the same.

The principal object of this invention is the provision of an improved pocket type tool comprising a novel tool-receiving handle such as a screw driver or the like small device, wherein the blade or pointed tool end of the device is shielded when not in use. The tool is provided with a handle having a hollow demountable section which is adapted to serve as a shield for the tool blade when desired.

It is also an object of this invention to provide means for displaying an identification mark such as the initials or name of the owner or tool manufacturer on the handle or other part of the tool device.

The invention further consists in making the tool handle of transparent material, such as synthetic resin, glass or similar transparent substances, and having an interior surface upon which is inscribed or otherwise displayed the desired identification marks or insignia. Alternately the handle may be made from transparent material or only certain portions thereof made from transparent material. The handle or shield portion of the device may be made of wood, metal or opaque synthetic plastic substances wherein windows or openings are provided through which a colored insert or identification mark, as heretofore mentioned, may be seen.

These and numerous other objects will readily occur to anyone acquainted with my invention.

My invention consists in the novel features of structure, combination and arrangement of parts as will be hereinafter referred to and more particularly described in the specification and claim.

The invention is illustrated in the accompanying drawing wherein:

Figure 1 is a side elevation view of a pocket type screw driver having a tool-receiving handle embodying my invention; the lower portion of the handle being broken away.

Figure 2 is an enlarged fragmentary sectional view of the handle, substantially on line 2—2 of Fig. 3.

Figure 3 is a cross-sectional view taken on line 3—3 of Figure 2 and looking in the direction of the arrows.

Figure 4 is a fragmentary detail view showing the integral uniting of the indicia to the prismatic lens surface.

Referring to the drawing in detail, the holder of the screw driver 1 is made up of two telescoping sections 2 and 3. The hollow transparent section 2 is detachable from the lower part 3 and is open at one end to provide an opening to receive the screw driver 1 and tool bit 4 in the manner shown in Figure 1. When the device is not in use the hollow handle section 2 provides a shield for the tool point or bit 4 when carried in the pocket of clothing, thus preventing the blade from tearing or otherwise damaging the clothing. Attached to the member 2, frictionally mounted therearound, is a spring clip or clasp 5 which is adapted to conveniently secure the device to the pocket of clothing or similar paraphernalia when not in use.

The shank of the screw driver tool 1 has its upper portion serrated as indicated at 6 and inserted into the central body of the handle section 3. The upper portion of the tool 1 is securely united with the member 3 so as to prevent any relative movement between the members 1 and 3 at all times. It will of course be obvious that the handle may be cast around the shank of the tool or that the handle portion 3 may be molded or cast and thereafter bored and/or tapped to receive the shank of the tool 1. Ordinarily, however, the synthetic resin, plastic or glass handle member will be connected to the tool by casting or molding therearound. The handle part 3 may be made of the same material as the hollow handle portion 2 or may be formed from other suitable material if desired.

Mounted on or securely attached to the member 3, as by molding integral therewith, is a circular extending flange portion 7 centrally disposed therearound, which is provided with cut-away or grooved edge surfaces as at 8. The roughened or corrugated surface provides a convenient gripping surface when using the tool. On opposite sides of the corrugated flange member 7 are opposed frusto-conical shaped sections 9 and 10, which are adapted to engage the open end portion of the hollow handle member 2 to form a tight locking friction fit therewith.

The top closed end of the hollow handle member 2 comprises a thickened prismatic lens reflecting section having a prismatic reflector 12 which is provided with an insignia or identification means 12'. The desired symbol or marking may be integrally formed with the upper transparent section of the hollow member 2 as indicated in Figures 2, 3 and 4 or inscribed thereon after making the part.

It will be understood that I desire to comprehend within my invention such modifications of

my novel tool device which will occur to those skilled in the art and as may be embraced within the claim.

Having thus fully described my invention what I claim as new and desire to secure by Letters Patent is:

A tool-receiving handle comprising a hollow transparent member which is closed at one end and open at the other end, said closed end comprising a thickened lens portion having a prismatic inner wall reflecting section, said prismatic inner wall section being provided with insignia indicia integral therewith.

BURRITT M. HIATT.