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H. C. BAKER
MULTIPLE PURPOSE TOOL
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Fig. 1

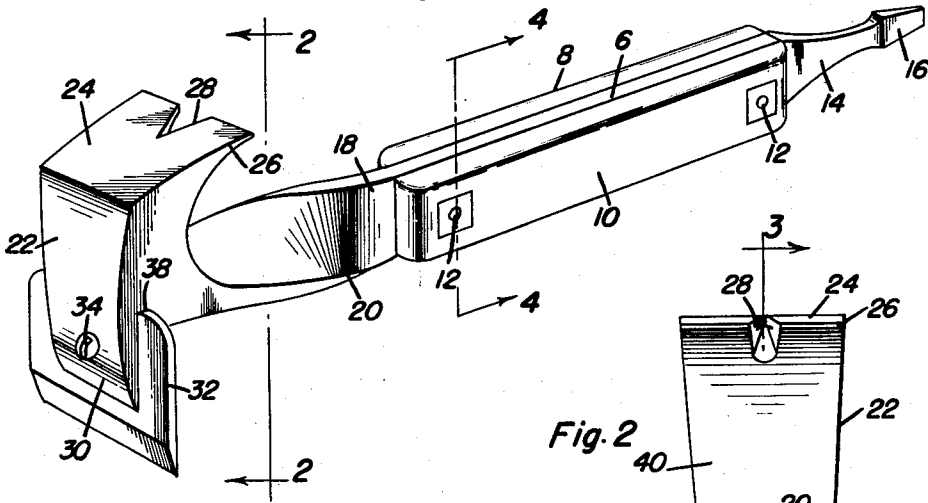


Fig. 2

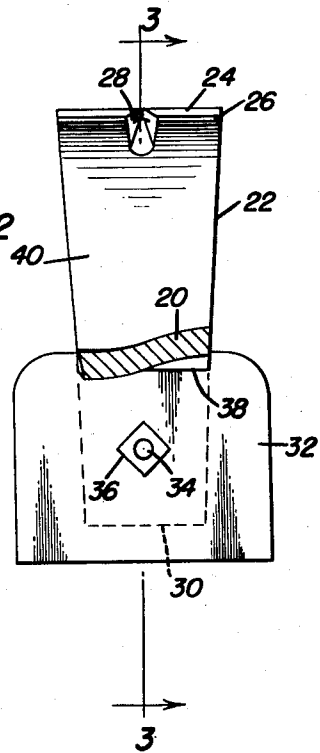


Fig. 3

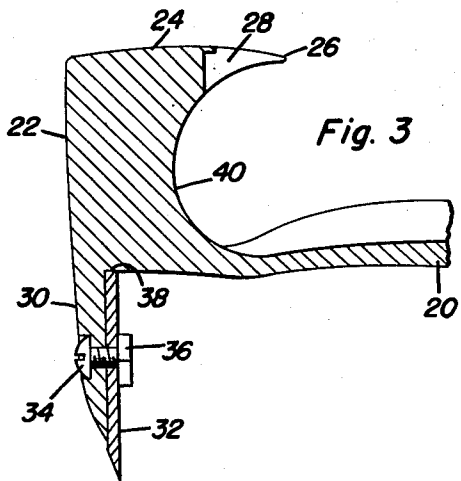
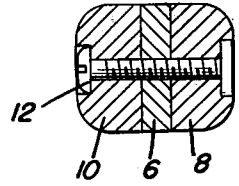


Fig. 4



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UNITED STATES PATENT OFFICE

2,674,794

MULTIPLE PURPOSE TOOL

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1 Claim. (Cl. 30—171)

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The present invention relates to certain new and useful improvements in special hand tools and has more particular reference to one which is especially, though not necessarily, adapted for use by house painters.

It is a matter of common knowledge that a painter has daily use for a number of hand tools in addition to his paint brush. For example, he will have need for a claw hammer, a screw driver, a scraper and perhaps a chisel. Naturally, when working on ladders and scaffolds, keeping these various individual tools conveniently at hand for best use is a difficult task, to say the least. In the circumstances, there exists a need for a single instrumentality in which the stated tools are satisfactorily incorporated.

It follows that it is an object of the present invention to provide a simple, practical, economical and reliable multiple purpose tool in which manufacturers and users will find their common needs and requirements fully met, contained and handily available.

Another object of the invention is to provide a tool of the stated type wherein, by attaching hand-grips to the intermediate portion of the handle forming shank, the one handle provides a common holder for the selectively usable instrumentalities mounted at the ends of the shank.

Another object of the invention has to do with a tool, the major portion of which is in the form of a flat metal bar which lends itself appropriate to fashioning of the handle forming shank and especially designed heads at opposite ends of the shank.

A still further object of the invention has to do with the provision of a block-like head on one end of the shank which, properly designed, provides an impact or hammer surface, board ripping and nail extracting claws and, by the incorporation therein of a simple extension or tongue, provides a satisfactory mount for a scraping blade.

Other objects and advantages will become more readily apparent from the following description and the accompanying illustrative drawings.

In the accompanying sheet of drawings, wherein like numerals are employed to designate like parts throughout the views:

Figure 1 is a perspective view of a multiple purpose painter's tool constructed in accordance with the principles of the present invention;

Figure 2 is a section cut on the approximate line 2—2 of Figure 1;

Figure 3 is a vertical sectional view taken approximately on the line 3—3 of Figure 2; and

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Figure 4 is a cross section on the line 4—4 of Figure 1.

Referring to the drawings by reference numerals and lead lines, the bar member, which is a flat metal stock of appropriate rigidity provides a shank portion 6 to the opposite sides of which elongated wooden or equivalent grips 8 and 10 are bolted in place as at 12. These parts 8 and 10 together with the shank provide a satisfactory handle. One end of the shank is reduced and shaped as shown at 14 and terminates in a head 16 which is shaped up to provide a screw driver bit. Said bit may also be referred to broadly as a "blade" or blade means.

The opposite end portion 18 of the shank is extended beyond the hand-grips where it is axially twisted at 20 and this end terminates in a relatively heavy block-like head 22. One side of the head is substantially plane and slightly cambered as shown in Figure 3 to provide a hammer surface 24. This side of the head is gradually thinned to provide blade means 25 which is centrally notched at 26 to function as a claw hammer. The opposite underside of the head is formed with a relatively sturdy extension 30 which constitutes a tongue and backing member. This tongue provides a satisfactory mount for a scraper blade 32, the blade being a flat plate with a suitable cutting edge. The blade bears against the backing surface of the tongue and is secured in place by a bolt 34 and a complementary nut 36. The blade as shown better in Figure 2 has its upper edge provided with a keeper notch 38 and a portion of the head is seated in the notch to provide a firm joint between the head, extension and blade and to prevent twisting and turning of the blade when in use.

The blades 32 may be used for scraping of paint, and may be employed, if sufficiently sharp, for small cutting jobs or perhaps used as a chisel for such many purposes as chisels are properly and improperly used. The hammer head provides a mount for the blade and also gives the blade the necessary weight when it is used for difficult scraping tasks.

The single handle means is common to the tools which project beyond the hand-grips and the shank may be construed as a handle with its end portion provided with blade means, the blade means 26, blade means 32 and blade means 16. When the screw driver 16 is in use, the hand-grips 8 and 10 in conjunction with the hammer head provide conjoint "handle means" for operating the screw driver. It may be mentioned too that the curved hook-like surface 40 of the ham-

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mer head may be employed as a hook for suspending the tool on a ladder rung, clapboard or the like.

Changes in shape, size, materials and re-arrangement of details and parts may be resorted to in actual practice, so long as they do not depart from the spirit of the invention or the scope of the appended claims, as is well understood.

Having described the invention, what is claimed as new is:

A house painter's scraping tool comprising an elongated metal bar rectangular in cross-section and having longitudinally extending oppositely disposed flat faces, hand-grips superimposed against and secured to said faces, one end of said bar projecting beyond the adjacent ends of said hand-grips, being axially twisted and terminating in a permanently enlarged, weighty flat-faced block-like head, one side of said head having a pronounced extension providing a tongue, said tongue projecting at right angles from and well below the adjacent longitudinal edge of said bar, one face of said tongue being flat, a scraping blade having a flat face bearing against the flat face of said tongue and detachably secured to said

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tongue, the marginal edge of said blade adjacent to said head having a centered assembling and keeper notch and a portion of the last-named side of said head fitting into said notch.

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