R. A. RODGERS
PAINTER'S IMPLEMENT
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Fig. 1.

Fig. 2.

Fig. 3.

Fig. 4.

Fig. 5.

Fig. 6.

INVENTOR
Roy A. Rodgers.

BY
Wmme & Co.
ATTORNEY
This invention relates to tools, and more particularly to a window-glass setting tool combining in one implement a putty knife and hammer.

A primary object of the invention is to so construct such a tool that it may be carried in the putty-knife pocket of a painter's overalls, without danger of its falling out, and which is made as a compact assemblage shaped to comfortably fit the hand of the user.

It is well known that a painter usually carries his putty knife at his right side in a pocket especially provided for this purpose. A painter also requires a small hammer especially for use on outside work, and it is well known that such a tool is difficult to carry in the pocket since it is too heavy if the handle is inserted in the pocket, and to insert the head necessitates the use of a large pocket which would permit the tool to drop out. It is therefore the object of this invention to combine a hammer and a putty knife in one and to so construct it that it will be of a size to fit in the ordinary straight putty-knife pocket of the painter's overalls, the added weight to the handle of the putty knife being advantageous, as it is less liable to lose from the pocket and facilitates the quick placement of the tool in the pocket.

In carrying out these objects, the invention is susceptible of a wide range of modification without departing from the spirit or sacrificing any of the advantages of the claimed invention, there being shown in the drawings for illustrative purposes a preferred and practical form in which:

Fig. 1 represents a side elevation of a tool constructed in accordance with this invention, Fig. 2 is an edge view thereof, Fig. 3 is a longitudinal section taken on the line 3—3 of Fig. 1, Fig. 4 is a front end elevation of the tool handle, Fig. 5 is a transverse section taken on the line 5—5 of Fig. 1, and Fig. 6 is a similar view taken on the line 6—6 of Fig. 1.

In the embodiment illustrated, a putty-knife blade 1 is shown of usual construction, having a composite handle extending longitudinally from the rear end of the knife blade and clampingly and detachably secured thereto. This handle increases in thickness and in width from its inner toward its outer end to provide a solid hammer head 3, designed for use for driving glazier points, tacks, and the like, and which is also equipped with a longitudinally opening claw 4 to be used in drawing tacks and points.

It is of course understood that the handle portion 5 may be composed of any suitable material, preferably of metal. The connector 2 which unites the blade with the solid handle portion or hammer head 3 comprises a sleeve of comparatively thin metal having flat projections or jaws 6 and 7 on opposite sides at one end to inclose said handle member 3 which are shown secured to said handle portion by rivets. The other end of the sleeve 2 is depressed at opposite sides as shown at 5 to engage the flat sides of the blade portion 1*. These flat portions 5 which constitute the clamping jaws have strengthening ribs along the side edges of each. These ribbed portions form clamping jaws for the thickened blade portion 1*.

The side faces of the hammer head 3 are made flat, as shown clearly in Figs. 1, 2 and 3 and the end portion 3 of said head is formed at right angles to the flat faces and provides sharp corners to facilitate the endwise hammering of the glazier points, the flat face following the pane of glass in connection 55, with which the device is being used and the surface 3* operating as a striking element for the point. While this hammer head 3 may be used to strike the point endwise as above described, it is also obvious that the rear or front edge thereof may be used for driving tacks, nails, and the like.

From the above description, it will be seen that the handle 2 of this tool, in addition to forming a handgrip for the putty knife also provides a hammer for use in the manner above set forth, and it facilitates the dropping of the tool into the pocket of the user and prevents danger of its falling out.

The blade-clamping portion of the handle...
is shaped in cross-section, as shown in Fig. 5, with bulged side edges and parallel opposed clamping jaws whereby the blade end is gripped between these jaws and securely held in the handle.

It will thus be seen that when this tool is used as a hammer that the putty knife constitutes the handle for the hammer, and when used as a putty knife, the hammer constitutes the handle of the putty knife. It is therefore reversible and its elongated form adapts it especially to be carried in the narrow putty-knife pocket of the painter. The detachable clamping connection between the knife and the handle permits a new blade to be inserted when desired.

Without further description it is thought that the features and advantages of the invention will be readily apparent to those skilled in the art, and it will of course be understood that changes in the form, proportion, and minor details of construction may be resorted to, without departing from the spirit of the invention or its scope as claimed.

I claim:

In a device of the class described the combination with a solid handle member and a blade member; of a connector between said members comprising a sleeve of comparatively thin metal having flat projections at opposite sides at one end to enclose said handle member, the other end of said sleeve having a substantial intermediate portion depressed to engage the flat sides of the blade with strengthening ribs on both sides of the flat portion.

ROY A. RODGERS.