

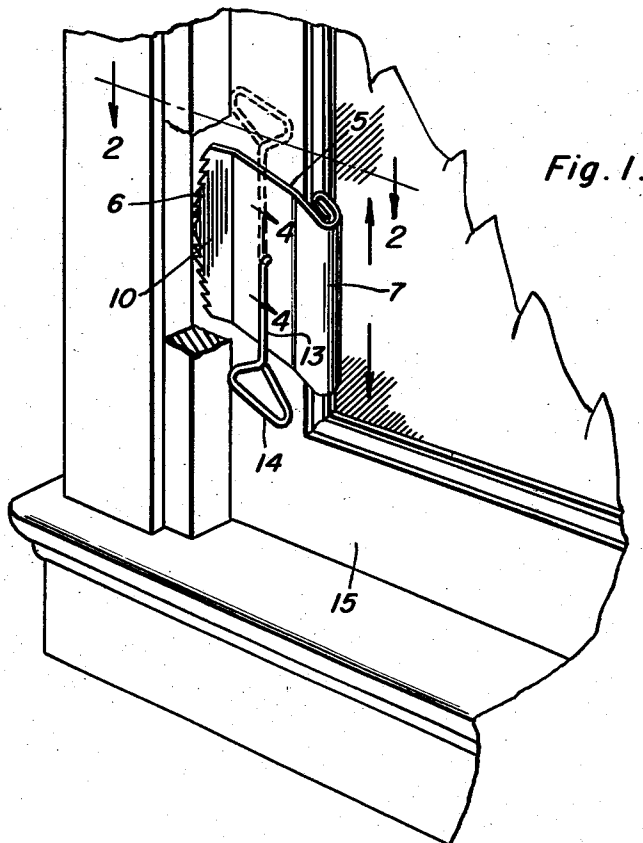
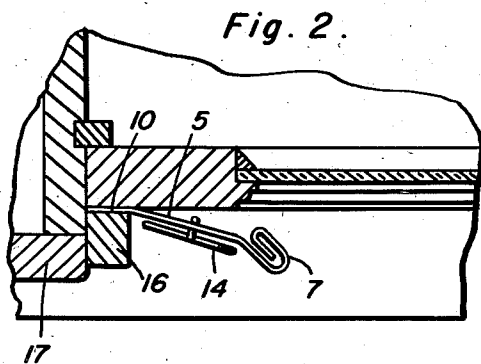
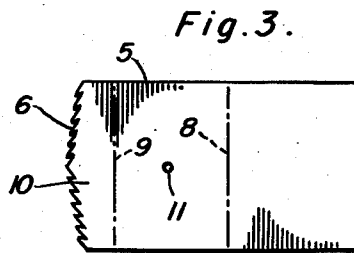
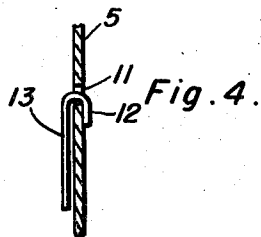
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2,568,012

SCRAPING TOOL FOR FREEING STUCK WINDOW SASHES

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UNITED STATES PATENT OFFICE

2,568,012

SCRAPING TOOL FOR FREEING STUCK
WINDOW SASHES

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1 Claim. (Cl. 15—236)

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The present invention relates to new and useful improvements in tools for freeing stuck window sash and more particularly to a scraper for working between the edges of a sash and a window frame to remove any paint having a tendency to make the sash stick or to interfere with the free sliding movement of the sash.

An important object of the invention is to provide a paint scraping tool of this character having its scraping edge formed with oppositely inclined groups of scraping teeth to effectively remove the paint by an upward and downward movement of the scraper and to also provide a reversible handle carried by the tool to facilitate its upward and downward scraping movement.

A still further object is to provide a tool of this character of simple construction, which is efficient and reliable in use, relatively inexpensive to manufacture and otherwise well adapted for the purposes for which the same is intended.

Other objects and advantages reside in the details of construction and operation as more fully hereinafter described and claimed, reference being had to the accompanying drawings forming part hereof, wherein like numerals refer to like parts throughout, and in which:

Figure 1 is a perspective view showing the tool in scraping position and with parts of the frame broken away and shown in sections;

Figure 2 is a horizontal sectional view taken on the line 2—2 of Figure 1;

Figure 3 is a plan view of the blank sheet metal from which the tool is constructed; and

Figure 4 is a fragmentary sectional view taken substantially on the line 4—4 of Figure 1.

Referring now to the drawing in detail wherein for the purpose of illustration I have disclosed a preferred embodiment of the invention the numeral 5 designates a substantially rectangular shaped sheet of light gauge metal having one end edge substantially antilinal along its length and formed with oppositely inclined teeth 6 inclined toward the pointed center of said edge of the material.

The opposite end of the metal sheet is rolled to provide a hand grip 7 and the hand grip is bent forwardly along a vertical line indicated at 8.

The toothed edge 6 of the material is also bent forwardly along a line designated at 9 to define a blade 10.

The central portion of the sheet of material is formed with an opening 11 at a point equidistant from the side edges of the material and toward the toothed edge thereof and in which a hook 12 at the inner end of a wire handle 13 is engaged for free swinging movement of the handle into an upwardly or downwardly extending position as indicated respectively by

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the full and dotted lines in Figure 1 of the drawing. The outer end of the handle is formed with a hand gripping loop 14.

In the use of the tool the toothed edge of the blade 10 is inserted between a window sash 15 and a sash guide 16 of a window frame 17 as indicated in Figures 1 and 2 of the drawing and the tool raised and lowered by the handle 13 to scrape paint from the window frame or window sash which might have a tendency to cause the sash to stick and interfere with its free sliding movement.

In the view of the foregoing description taken in conjunction with the accompanying drawings it is believed that a clear understanding of the device will be quite apparent to those skilled in this art. A more detailed description is accordingly deemed unnecessary.

It is to be understood, however, that even though there is herein shown and described a preferred embodiment of the invention the same is susceptible to certain changes fully comprehended by the spirit of the invention as herein described and the scope of the appended claim.

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

A scraper of the character described comprising an elongated metallic plate including end portions angularly disposed with respect to the plane of said plate and on the same side thereof, one of said end portions constituting a blade insertable between a window sash and guide and including an end edge substantially antilinal along its length and comprising oppositely pitched teeth, the other end portion of said sheet being rolled for providing a hand grip, and an operating rod pivotally secured to the plate at a point intermediate the end portions.

OSCAR J. LE BOEUF.

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