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C. E. WHETSTONE
PUTTY APPLYING DEVICE

2,755,503

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Fig. 1

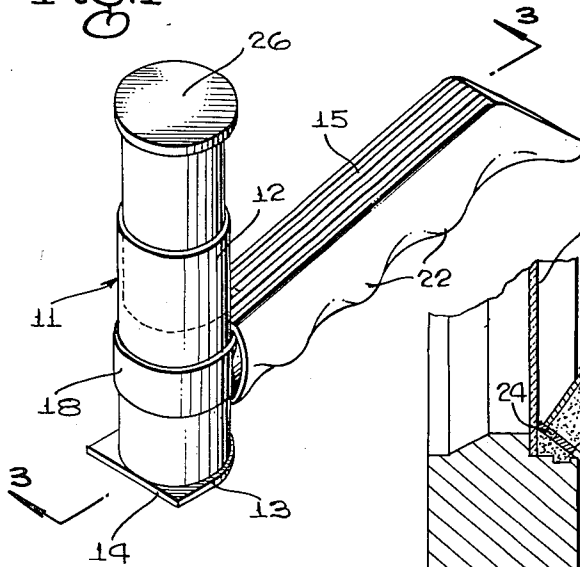


Fig. 2

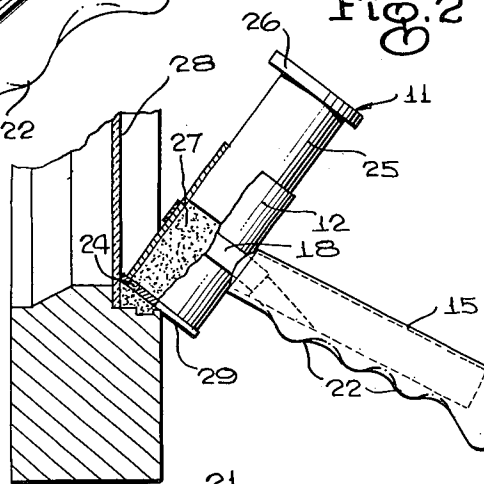


Fig. 3

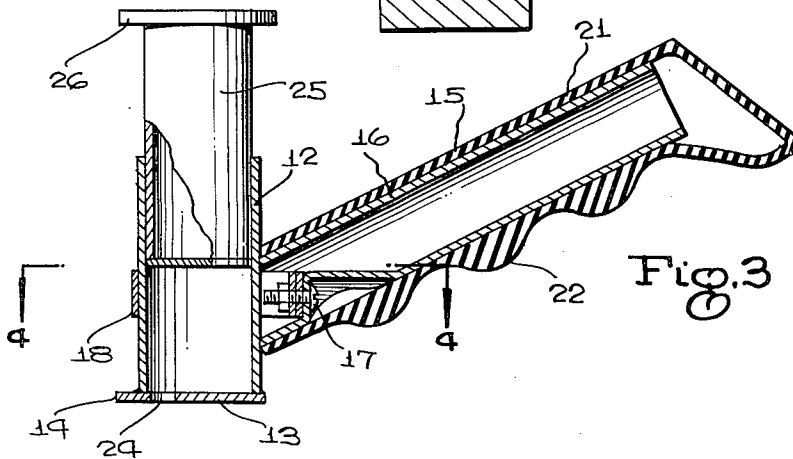
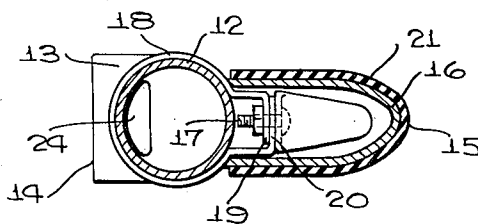


Fig. 4



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PUTTY APPLYING DEVICE

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4 Claims. (Cl. 18—3.5)

This invention relates to glaziers' tools, and more particularly to an improved device for laying putty on the edge of a window sash.

A main object of the invention is to provide a novel and improved putty-laying tool which is simple in construction, which is easy to operate, and which greatly reduces the time and effort involved in glazing window sash.

A further object of the invention is to provide an improved putty-laying tool which is inexpensive to manufacture, which is durable in construction, which enables putty to be laid in a faster, tighter and smoother manner than by the use of the implements heretofore available, and which is particularly suitable for use by inexperienced persons who wish to do their own puttying.

Further objects and advantages of the invention will become apparent from the following description and claims, and from the accompanying drawings, wherein:

Figure 1 is a perspective view of an improved putty-laying tool constructed in accordance with the present invention.

Figure 2 is a side elevational view of the tool of Figure 1, partly in cross section, showing the tool applied against the edge of a window sash, and illustrating the manner of use of the tool.

Figure 3 is a vertical cross sectional view taken on the line 3—3 of Figure 1.

Figure 4 is a horizontal cross sectional view taken on the line 4—4 of Figure 3.

Referring to the drawings, the glazing tool is designated generally at 11 and comprises a cylindrical tubular body 12 having a bottom wall 13 formed at one side thereof with the straight edge 14. Secured to the body 12 opposite the straight edge 14 is a handle member 15 of substantial length, for example, of a length of the order of twice the length of the main body 12, said handle member being inclined upwardly and outwardly from the main body 12, as is clearly shown in Figure 3.

The handle member 15 may comprise a rigid tubular inner element 16 which is secured, as by a bolt 17, to a supporting strap 18 surrounding the body 12, the strap 18 being tightly fastened to the body at the intermediate portion of said body, as shown in Figure 3, and the rigid tubular member 16 being secured to the strap by the bolt 17 engaged through offset end portions 19 and 20 provided on the strap 18, said end portions overlapping and being apertured to receive the bolt 17 there-through, as shown in Figure 4. Suitably secured on the rigid inner portion 16 of the handle is the outer portion 21 of deformable resilient material, such as rubber or the like, the outer portion 21 being formed with the corrugations or ridges 22 to provide a hand grip.

Formed in the bottom wall 13 adjacent the straight edge 14 and inwardly adjacent the rim of the cylindrical main body 12 is the slot 24. Designated at 25 is a hollow cylindrical plunger member which is slidably mounted in the main body 12 and which projects from the top end of said main body, as is clearly shown in

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Figure 3. The top wall of the plunger 25, shown at 26, extends outwardly a substantial distance beyond the main body 25 of the plunger and defines an outwardly projecting peripheral flange at said top end of the plunger.

In using the device, the body 12 is filled with putty, shown at 27, and the plunger 25 is inserted in the upper portion of the body 12. The user grasps the handle 21 with both hands and holds the implement so that the bottom wall 13 engages the edge of the inner margin of the window sash with the straight edge of the bottom wall 13 held against the window pane 28. The operator then exerts downward pressure on the plunger 25 using the thumbs of his hands which are grasping the handle 21, thus causing the putty 27 to be extruded from the slot 24 into the joint space defined between the bottom wall 13 and the corner between the window pane and the upper margin of the window sash frame element. By maintaining the thumb pressure on the top wall 26 of the plunger 25 and moving the tool along the edge 29 of the sash, the putty may be deposited in the proper position to provide a tight and smooth putty joint between the window pane 28 and the sash.

While a specific embodiment of an improved glazing tool for laying putty on the edge of a window sash has been disclosed in the foregoing description, it will be understood that various modifications within the spirit of the invention may occur to those skilled in the art. Therefore, it is intended that no limitations be placed on the invention except as defined by the scope of the appended claims.

What is claimed is:

1. A glazing tool for laying putty on the edge of a window sash comprising a tubular main body, a bottom wall secured to the end of said main body at right angles thereto and being formed with a putty-discharge aperture, a plunger member slidably mounted on said body and projecting from the top end of said body, said plunger member being provided at its top with an enlarged thumb-engaging surface, said plunger member being removable from said body to insert putty into the body, and a substantially straight handle of substantial length rigidly connected to the body and extending laterally therefrom, said handle being located so that an operator may grasp said handle with his hands and simultaneously exert downward force on said plunger member with his thumbs.

2. A glazing tool for laying putty on the edge of a window sash, comprising a generally cylindrical tubular main body, a bottom wall secured to the end of said main body at right angles thereto and being formed with a putty-discharge aperture, said bottom wall having an outwardly extending portion formed with a straight edge, a plunger member slidably mounted in said body and projecting from the top end of said body, said plunger member being provided at its top with an enlarged thumb-engaging surface, said plunger member being removable from said body to insert putty into the body, and a substantially straight handle of substantial length rigidly connected to the body opposite said straight edge and extending laterally from said body, said handle being located so that an operator may grasp said handle with his hands and simultaneously exert downward force on said plunger member with his thumbs.

3. A glazing tool for laying putty on the edge of a window sash, comprising a generally cylindrical tubular main body, a bottom wall secured to the end of said main body at right angles thereto and being formed with a putty-discharge slot and being formed with an outwardly projecting flange adjacent said slot, said flange being formed with an outer straight edge, a plunger member slidably mounted in said body and projecting from the top end of said body, said plunger member

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being provided at its top with an enlarged thumb-engaging surface; said plunger member being removable from said body to insert putty into the body, and a substantially straight handle of substantial length rigidly connected to the body opposite said straight edge and extending laterally and upwardly from the body, said handle being located so that an operator may grasp said handle with his hands and simultaneously exert downward force on said plunger member with his thumbs.

4. A glazing tool for laying putty on the edge of a window sash, comprising a generally cylindrical tubular main body, a bottom wall secured to the end of said main body at right angles thereto and being formed with a putty-discharge slot inwardly adjacent the bottom rim of said main body, said bottom wall being formed with an outwardly projecting flange adjacent said slot, said flange having a straight edge, a hollow, generally cylindrical plunger member slidably mounted in said body and projecting from the top end of said body,

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said plunger member being provided at its top with an enlarged thumb-engaging surface, said plunger member being removable from said body to insert putty into the body, an outwardly projecting peripheral flange at the top end of said plunger member, and a substantially straight handle of substantial length rigidly connected to the body opposite said straight edge and extending laterally and upwardly from said body, said handle being located so that an operator may grasp said handle with his hands and simultaneously exert downward force on said plunger member with his thumbs.

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