

L. ZIMMERMAN.
GLAZIER'S TOOL.
APPLICATION FILED OCT. 4, 1910.

997,172.

Patented July 4, 1911.

Fig. 1.

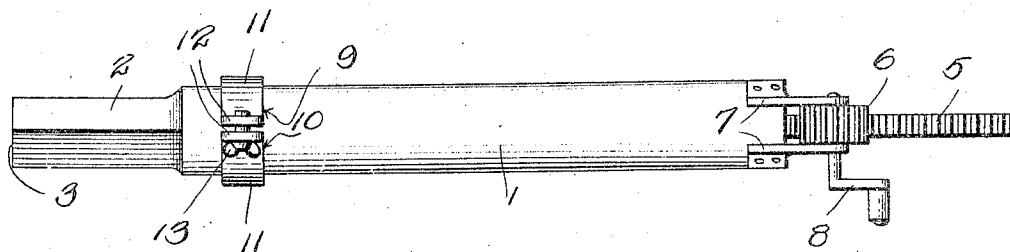


Fig. 2.

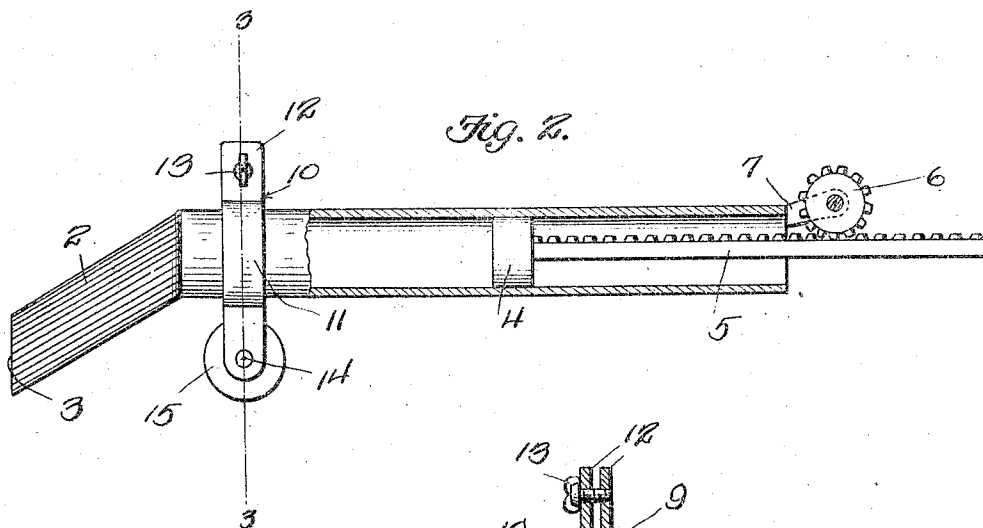
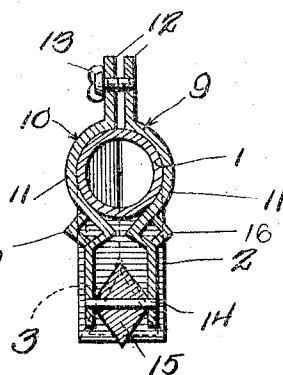


Fig. 3.



Witnesses

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GLAZIER'S TOOL.

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To all whom it may concern:

Be it known that I, LLOYD ZIMMERMAN, a citizen of the United States, residing at Ducor, in the county of Tulare and State of California, have invented new and useful Improvements in Glaziers' Tools, of which the following is a specification.

This invention relates to glaziers' tools and more particularly to tools for applying putty to sashes.

The object of the invention is the provision of a handy and readily operated tool which will apply putty to the space between the outer wall of the rabbet and the glass in proper form.

A further object of the invention is the provision of a tool for holding a quantity of putty and means for continuously feeding the same from the tool in proper form to feed the space which it is designed to occupy.

Further objects of the invention will appear as the following specific description is read in connection with the accompanying drawing which forms a part of this application, and in which:

Figure 1 is a top plan view of the device. Fig. 2 is a side elevation partly in section. Fig. 3 is a transverse section on the line 3-3 of Fig. 2.

Referring more particularly to the drawing 1 represents an elongated supply tube which is adapted to contain a quantity of putty or the like and which is provided at one end with an extension 2 having a triangular mouth 3. The extension 2 projects from the tube at an obtuse angle thereto so that the operator's hand may be positioned some distance away from the sash, and the mouth 3 and extension aline with the sash.

Mounted in the tube is a plunger 4 which has connected thereto a rack bar 5 adapted to be engaged by a pinion 6 journaled in bracket arms 7 extending from the tube 1 and provided with an operating crank 8. By turning the pinion the rack bar is fed into the tube and the plunger 4 forces

against the putty to expel it from the mouth 3.

In order to guide the device I provide an attachment which comprises separated side members 9 and 10 which are bulged outwardly as at 11 to feed the tube and are provided with extensions 12 to receive a set screw 13 for clamping the members upon the tube. The opposite end of the members are connected together by a shaft 14 upon which is journaled a wheel 15 which is adapted to ride in the groove between the glass and the outer rabbet wall of the sash. The portion between the shaft and the bulged portion 11 is reinforced by braces 16 or in any other suitable manner. This device is adjustable upon the tube and therefore may be placed at any desired position to guide the extension and place the same at any desired angle to the sash.

Having thus described the invention, what is claimed is—

1. A tool of the class described, comprising a supply tube, an extension thereon having a triangular feed mouth, means to force material from said tube out of the mouth, and means carried by the tube for guiding the same and for adjusting the position of the extension with respect to the work.

2. In a tool of the character described, the combination with a supply tube, of an extension thereon having a triangular feeding mouth, a plunger operatively mounted within the tube, means to feed said plunger to express the material in the tube through the mouth, and a guiding attachment adjustably mounted upon the tube and adapted to engage the work to control the position of the feeding extension with respect to said work.

In testimony whereof I affix my signature in presence of two witnesses.

LLOYD ZIMMERMAN.

Witnesses:

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