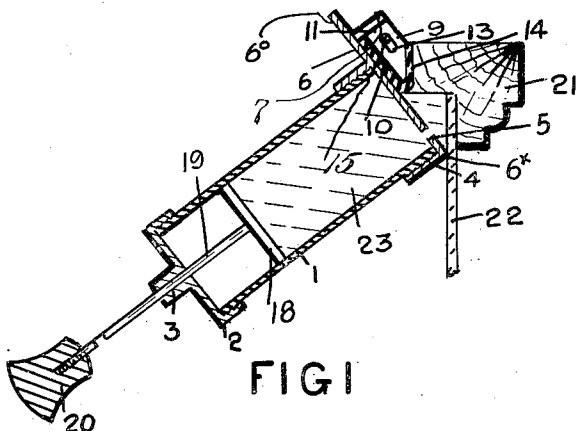
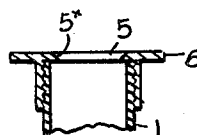
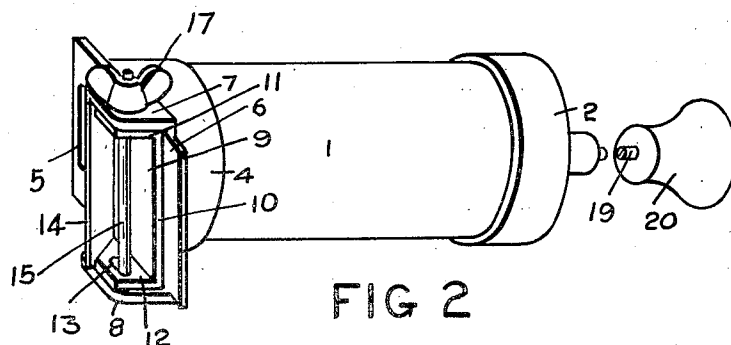
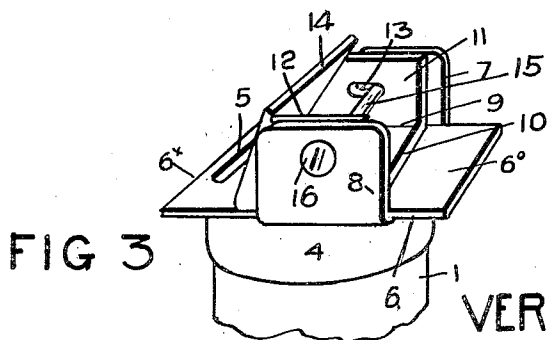


V. W. J. COFFIN.
PUTTY GUN.
APPLICATION FILED FEB. 11, 1922.

1,429,019.

Patented Sept. 12, 1922.



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ATTYS

UNITED STATES PATENT OFFICE.

VERNON WILLIAM JAMES COFFIN, OF TORONTO, ONTARIO, CANADA.

PUTTY GUN.

Application filed February 11, 1922. Serial No. 535,942.

To all whom it may concern:

Be it known that I, VERNON WILLIAM JAMES COFFIN, a subject of the King of Great Britain, of the city of Toronto, in the county of York, Province of Ontario, Canada, have invented certain new and useful Improvements in Putty Guns, of which the following is the specification.

My invention relates to improvements in putty guns and the object of the invention is to devise a simple means whereby window panes may be easily and quickly puttied into the sash by a single operation, that is by the simultaneously applying and smoothing over of the putty and it consists essentially of a cylinder, a piston operable therein, the head of the lower end of the piston having a slotted opening and an adjustable gauge plate carried by such head and adapted to bear against the outer face of the window sash as hereinafter more particularly described by the following specification.

Fig. 1 is a sectional view through my putty gun, a portion of a window sash and pane showing the putty applied thereto.

Fig. 2 is an enlarged perspective view of my putty gun.

Fig. 3 is a further enlarged view of the putty applying end of the gun.

Fig. 4 is a sectional detail extending longitudinally through the putty discharge slot.

In the drawing like characters of reference indicate corresponding parts in each figure.

1 indicates a cylinder provided with an upper head 2 having a bearing orifice 3 and a lower head 4 having a slotted putty discharge opening 5 located in proximity to the periphery of the cylinder. The head 4 is provided with a plate enlargement 6 which is preferably rectangular and provided at each side with opposing lugs 7 and 8. 9 is an adjustable gauge comprising a plate 10 turned up at the ends at 11 and 12 to form a substantially broad U-shaped member fitting between the lugs 7 and 8. Each of the portions 11 and 12 is provided with a longitudinal slot 13. 14 is an inclined plate portion extending outwardly at an obtuse angle to the plate portion 6 so as to bear against the inner face of the sash as will hereinafter be described.

15 is a bolt extending through the lugs 7 and 8 and through the slots 13 of the portions 11 and 12. One end of the bolt is provided with a head 16 and the opposite end

with a wing nut 17 which is screwed onto the bolt so as to tighten the parts together and hold the adjustable gauge 10 in position. 18 is a piston located within the cylinder 1 provided with a piston rod 19 extending through the bearing orifice 3 and provided at its outer end with a knob 20.

In Fig. 1 I show a portion of a window sash 21 and window pane 22. 23 indicates the putty.

When applying the putty the putty gun is placed on the corner of the window with the angular portion 14 of the gauge 10 bearing against the sash and the edge 6 of the plate 6 bearing against the window pane so as to enclose an angular space into which the putty is forced.

The forcing of the putty is accomplished by means of the piston 18 bearing against the column of putty within the cylinder 1, such piston being forced longitudinally towards the head 4 by manual pressure against the knob 20. The putty is thereby forced outward through the slot 5 into the triangular space enclosed by the plate 6, pane 22 and sash 21. As the space is filled the gun is moved parallel with the edge of the sash, the pressure being maintained against the knob 20 so as to continuously force the putty outward, the passage of the gun in the above direction smoothing the putty giving it a finished surface. If this surface is not quite perfect the gun may be passed quickly over it so as to take out any roughness that may be left in the putty surface.

In order that the device may be applied to various sized windows I have rendered my gauge device adjustable inward and outward in accordance with the width of the ledge of the window sash which is to receive the putty. I have also extended the plate 6 outward as indicated at 6° so as to form a bearing portion against which the other hand of the operator may rest so as to steady the device as it is moved laterally along the window sash.

From this description it will be seen that I have devised a very simple device whereby putty may be quickly and easily applied to a window so that a smooth finished surface is left and thereby dispense with the manual operation of applying the putty to the window and then spreading it in the usual manner with the putty knife.

By my device also any waste of putty is absolutely prevented as there is no trimming

necessary with the putty knife after the operation is completed.

In order that the putty may spread more easily and prevent any possibility of rough-
5 ening the surface, the ends of the slot 5 are flared outward as indicated at 5* in Fig. 4 thereby allowing of a free flow of putty as the device is moved laterally along the window.

10 What I claim as my invention is:

1. A putty gun comprising a cylinder, a piston operable within the cylinder, a head adapted to bear against the window sash and pane to form a triangular putty receiving
15 ing space and having a slotted opening through which the putty is adapted to be forced into such space, and a guiding member carried by the slotted head and having a portion having a flat surface bearing
20 against the face of the window sash.

2. A putty gun comprising a cylinder, a piston operable within the cylinder, a head adapted to bear against the window sash and
25 space and having a slotted opening through which the putty is adapted to be forced into such space, lugs extending upward from each side of the head, a member extending be-

tween the lugs and having a portion provided with a face extending at an obtuse
30 angle to the head and adapted to bear against the face of the sash when the gun is in an operable position, and means for adjustably securing the member between the
35 lugs.

3. A putty gun comprising a cylinder, a piston operable within the cylinder, a head adapted to bear against the window sash and
pane to form a triangular putty receiving
40 space and having a slotted opening through which the putty is adapted to be forced into such space, lugs extending upward from each side of the head, a member extending
45 between the lugs and having a portion bearing against the inner face of each lug and having openings therein and having a portion provided with a face extending at an
obtuse angle to the head and adapted to bear
50 gainst the face of the sash when the gun is in operable position, means for adjustably securing the member between the lugs, and
a clamping bolt extending through the lugs and through the openings of the adjustable member.

VERNON WILLIAM JAMES COFFIN.