

S. F. WRIGHT.
PUTTY TROWEL.

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1,019,399.

Patented Mar. 5, 1912.

Fig. 1.

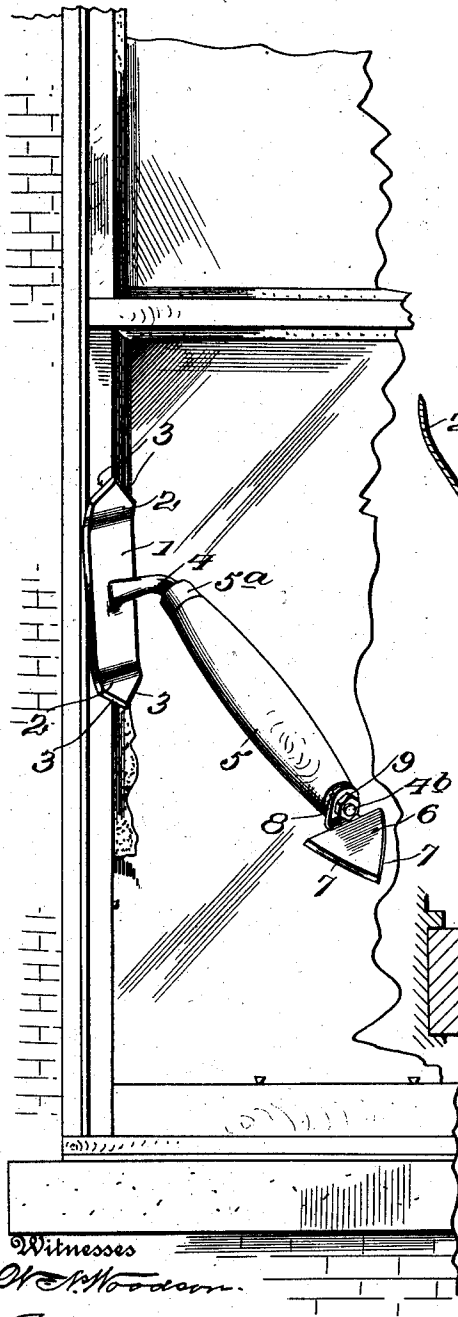


Fig. 4.

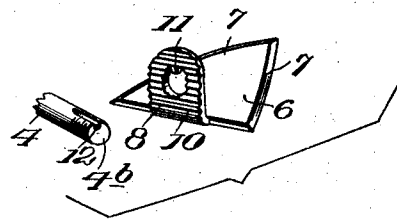


Fig. 2.

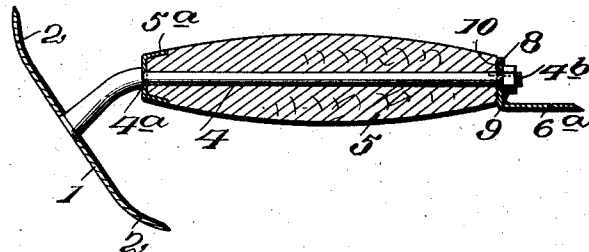
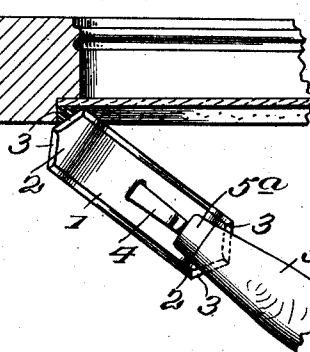


Fig. 3.



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UNITED STATES PATENT OFFICE.

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PUTTY-TROWEL.

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To all whom it may concern:

Be it known that I, SAM F. WRIGHT, citizen of the United States, residing at Anna, in the county of Collin and State of Texas, have invented certain new and useful Improvements in Putty-Trowels, of which the following is a specification.

This invention has for its primary object a simple and efficient construction of trowel for applying putty to window panes and sashes, the putty applying blade being double ended and capable of being used with equal facility at the right or left hand side of a window frame without reversing the position of the tool, the blade embodying curved ends and a flat or plain intermediate or main portion, and said curved ends being formed with oppositely beveled edges, whereby the putty may be conveniently applied and run to the desired shape in the angle between the sash and pane by a movement of the blade in one direction and subsequently properly smoothed by merely changing slightly the angle of the blade and smoothing it backwardly over the putty. And the invention also has for its object a simple tool of this character embodying an improved construction of hard putty removing knife.

With these and other objects in view as will more fully appear as the description proceeds, the invention consists in certain constructions, arrangements and combinations of the parts that I shall hereinafter fully describe and claim.

For a full understanding of the invention, reference is to be had to the following description and accompanying drawings, in which:

Figure 1 is a perspective view illustrating one application of my improved glazier's tool; Fig. 2 is a longitudinal sectional view of the device; Fig. 3 is a perspective view of the device, showing its use, a part being broken away and a portion of a window sash and frame being shown, in horizontal section; and, Fig. 4 is a detail perspective view of the hard putty knife employed and related parts.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

Referring to the drawing, the numeral 1 designates the blade of my improved putty trowel, said blade being formed with rear-

wardly curved ends 2, and a preferably flat intermediate or main portion, each of said curved ends being formed with oppositely beveled edges 3, said edges being preferably of equal width, that is, as clearly illustrated in the drawing, the bevel of each end of the blade extends in opposite directions from a central or middle point in the length of the blade. The blade 1 is secured to a shank 4 and the shank is designed to extend entirely through a preferably wooden handle 5, the shank being bent intermediate of its ends, whereby the blade will be held at an angle or in an oblique relation to the handle. Preferably, the shank 4 is formed at one end of the handle with shoulders 4^a designed to engage a ferrule 5^a so as to securely hold the ferrule in place in the handle. The shank 4 is of a length to extend entirely through the handle and some distance beyond the same, the projecting end of the shank being threaded, as at 4^b.

6 designates a knife which is designed to remove the hard putty and which embodies oppositely beveled cutting edges 7, the knife being substantially of spear shape, as shown. The knife 6 is formed at its base with a rectangularly disposed apertured ear 8 which is adapted to be slipped over the threaded end 4^b of the shank 4, being held thereon by a nut 9. It will thus be seen that the nut 9 serves not only to hold the knife 6 in place, but also to hold the shank securely in the handle 5. Preferably, the inner face of the ear 8 is ridged or roughened, as indicated at 10, the ridges embedding themselves in the adjoining end of the handle 5 so as to prevent the knife 6 from turning relative to the handle. If desired, the apertured ear 8 of the knife 6 may be formed with a tongue 11 adapted to slide in a groove 12 formed in the threaded end of the shank 4, whereby when the parts are in place and the nut 9 tightly screwed up, the shank 4 will be prevented from turning around in the handle and wear will thereby be precluded.

In the practical use of my improved putty trowel, when the same is employed to apply putty to the angle between a window pane and sash, the putty may be easily applied by running the blade along the angle with the handle slightly tilted so that one of the beveled edges 3 acts on the putty and gives it the desired shape. A subsequent slight tilting of the handle 5 will then

bring the flat intermediate or main portion of the blade 1 directly against the putty so as to smooth the same, and it is obvious that this last named operation may be performed by continuing the initial direction of movement of the trowel around the window sash, or by reversing the movement after one side has been operated upon by a bevel edge. By manipulating the tool back and forth, it is obvious a very smooth finish may be secured. It is also obvious that the device is capable of working at either side of the sash, without reversing the position of the tool in the hand of the operator and that the putty may be applied by moving the tool either in one direction or the reverse, owing to the double ended construction of the blade with its oppositely beveled edges 3. In removing hard putty, the knife 6 is brought into play. This knife can obviously be used either right-handed or left-handed, owing to the bevel edges 7, for reversing the position of the tool in the hand of the operator.

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

A glazier's tool, comprising a blade having a flat intermediate portion with the ends turned slightly backward, the backwardly turned portions being oppositely beveled, a handle, a shank connected to the blade and extending through the handle in the form of a rod, said shank being bent at an angle to the longitudinal plane of the handle and threaded at its free end, a knife having oppositely beveled edges and with a laterally directed ear through which the threaded portion of said shank extends, and a clamp nut engaging the threaded end of the rod and operating to clamp the ear and the knife connected thereto, to the handle.

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

SAM F. WRIGHT. [L. S.]

Witnesses:

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."