No. 693,518. Patented Feb. 18, 1902.

G. W. HAMILTON.

GLAZIER'S TOOL.

(Application filed June 8, 1901.)

(No Model.)

Fig. 1.

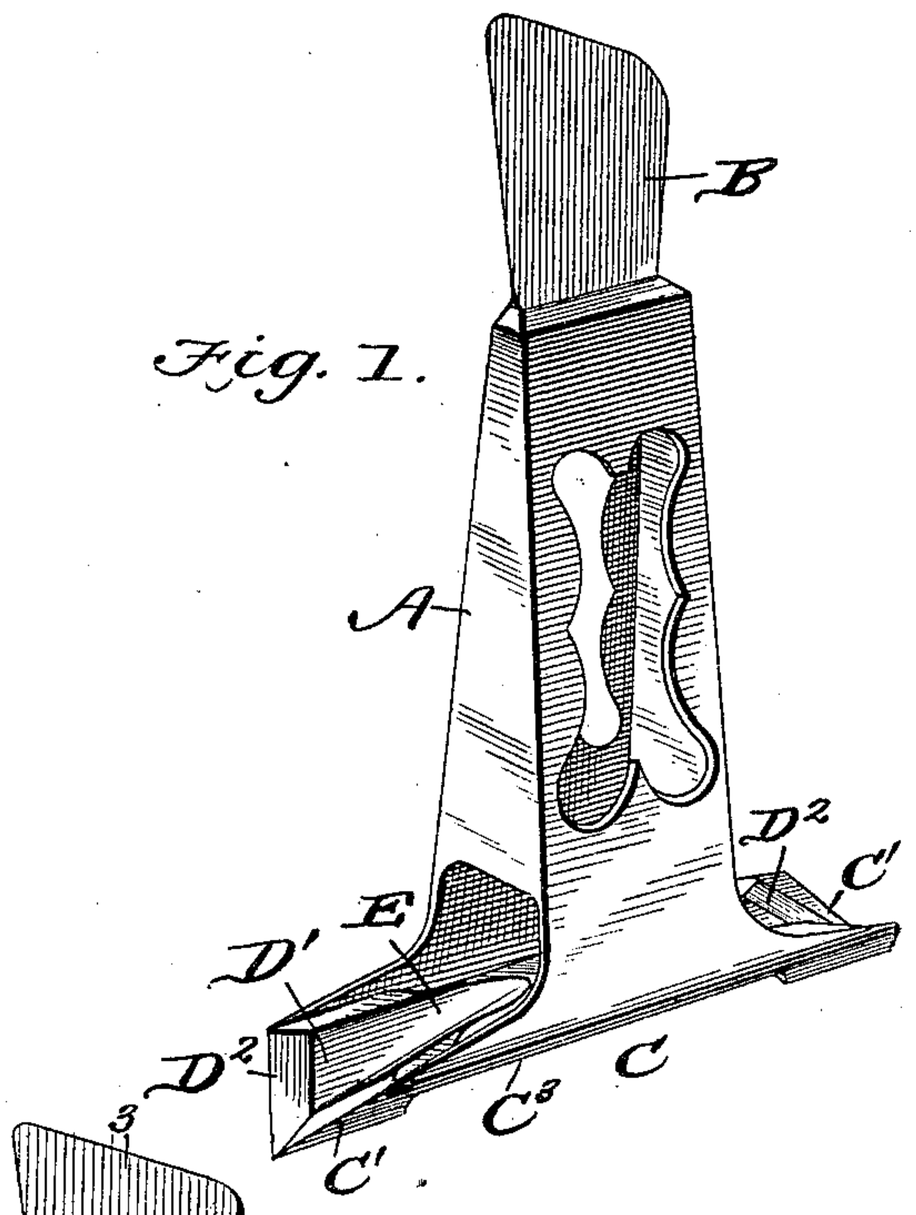


Fig. 2.

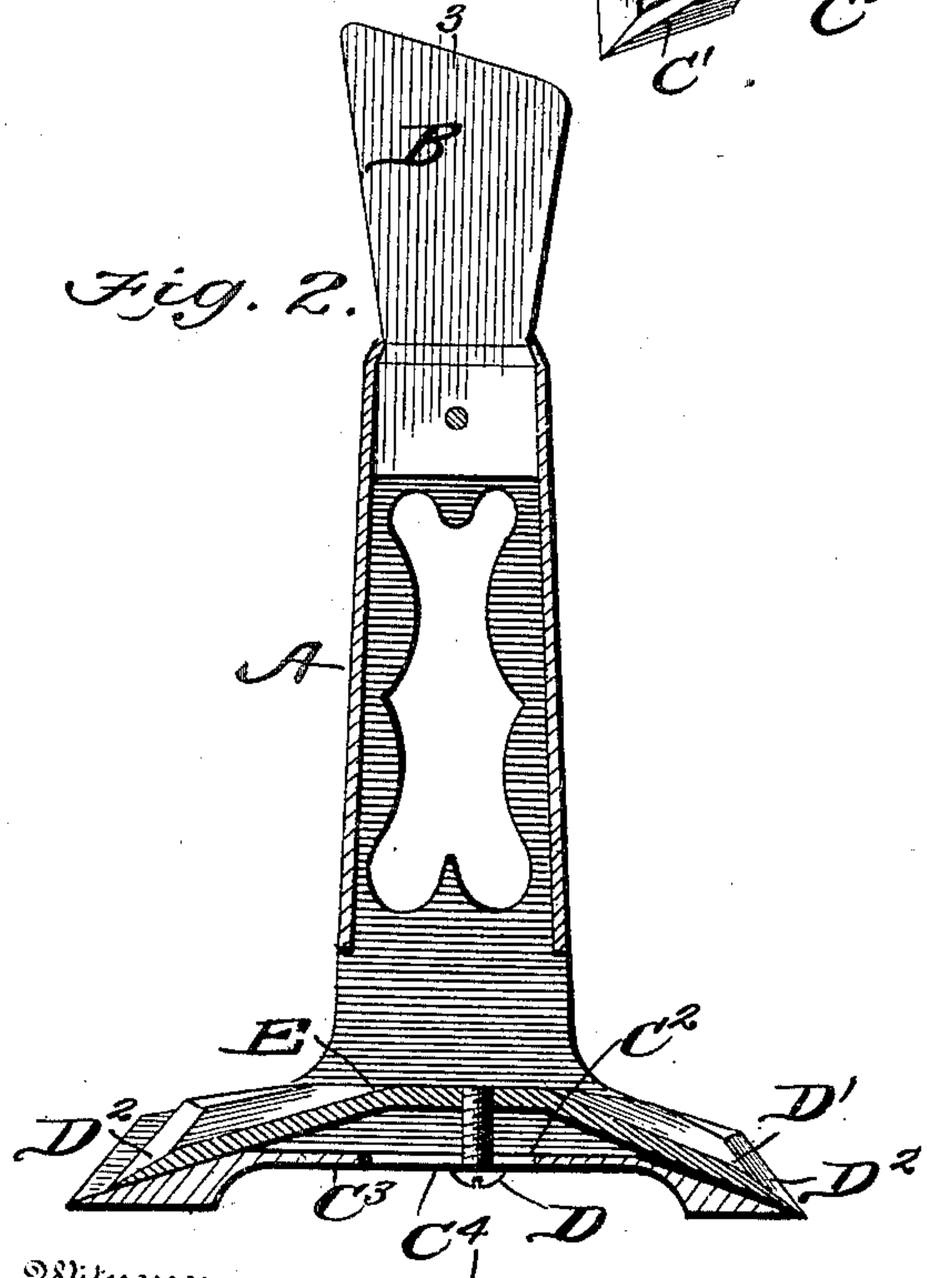
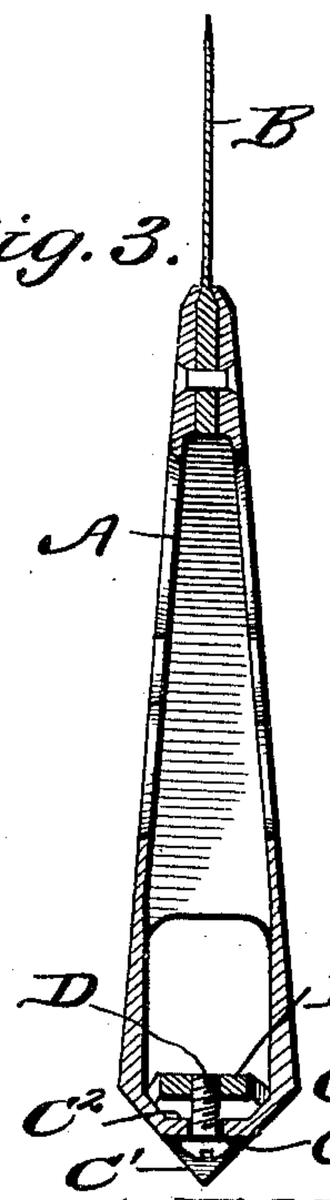


Fig. 3.



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UNITED STATES PATENT OFFICE.

GEORGE W. HAMILTON, OF CHICAGO, ILLINOIS.

GLAZIER'S TOOL.

SPECIFICATION forming part of Letters Patent No. 693,518, dated February 18, 1902.

Application filed June 8, 1901. Serial No. 63,769. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. HAMILTON, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Glazier's Tool, of which the following is a specification.

This invention relates to an improved tool for glaziers' use; and the object is to provide a simple and inexpensive tool, by means of which the putty may be quickly and effectively removed from the sash without injuring the latter, and to conveniently combine with the tool means for applying the putty when putting in a new pane of glass.

The invention consists in the novel features of construction hereinafter fully described, particularly pointed out in the claims, and clearly illustrated by the accompanying drawings, in which—

Figure 1 is a perspective view of my improved tool. Fig. 2 is a sectional view showing the manner of attaching the knives. Fig. 3 is a transverse section on the line 3 3 of Fig. 2.

In carrying out my invention I employ a hollow handle A, having a putty-knife B rigidly secured to the upper end thereof. The bottom of the handle has a base C formed integral therewith, said base extending some distance beyond the handle at each side. This base is of peculiar formation, the ends being essentially V-shaped, as shown at C′, while the central portion is flat upon the upper side, as shown at C^2, and upon the under side the said base is cut away between the V-shaped ends, as shown at C^3, and the base is slotted longitudinally, as shown at C^4, said slot having a bolt D passing therethrough, said bolt being adapted to secure the double-ended blade E, said blade being adapted to rest upon the inner side of the base, and is held in its adjusted position by means of the bolt D, the slot C^4 being somewhat elongated for the purpose of permitting the lateral adjustment of the double blade. Each end of the blade is made V-shaped, as shown at D′, to correspond with the shape of the ends of the base, and these V-shaped ends are beveled and sharpened, as shown at D^2, to provide cutting edges.

In operation the knife is adjusted to the desired position and the tool is grasped in the hand and pushed up or down, as desired, for the purpose of removing the putty, the V-shaped blade cutting away the putty, and owing to the peculiar shape of the tool and the cutting-blade it will be readily seen that the putty can be completely removed from the corners of the sash and also from the corners formed by the stiles of the sash. By means of the putty-knife all of the operations incidental to an ordinary putty-knife can be performed. The blade can of course be removed whenever desired for the purpose of sharpening the same.

It will thus be seen that I provide a simple, durable, and efficient construction of glazier's tool by means of which the putty can be quickly and easily removed from the window-sash without injuring the sash or breaking the glass and also without injury to the hand.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A glazier's tool comprising a handle and a base, the ends of said base being essentially V-shaped, and a double-ended blade attached to said base, the ends being V-shaped and sharpened, substantially as described.

2. A glazier's tool comprising a handle, a base, the ends of said base being V-shaped and the blade having V-shaped cutting edges, said blade being adjustably attached to the base, substantially as shown and described.

3. A glazier's tool comprising a handle having a putty-knife at the upper end, and a base at the lower end, said base having V-shaped ends and being slotted longitudinally at the center, and a blade having V-shaped cutting edges at each end and a bolt adapted to connect the blade to the base, substantially as described.

GEO. W. HAMILTON.

Witnesses:
FRANK CHAP,
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