

Aug. 27, 1940.

F. KELLER

2,213,071

PUTTY KNIFE

Filed Nov. 27, 1937

FIG. 1.

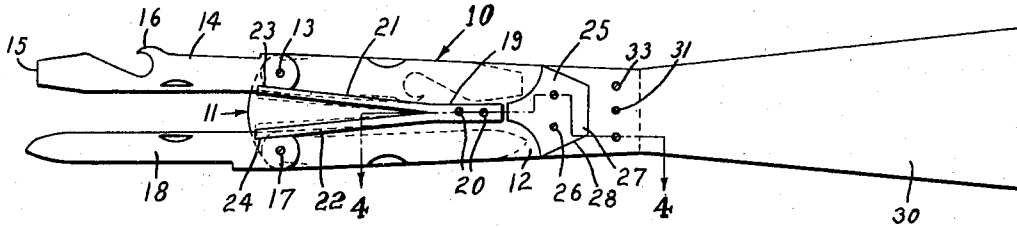


FIG. 2.

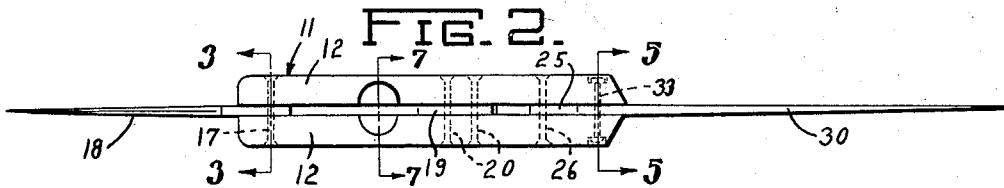


FIG. 3.

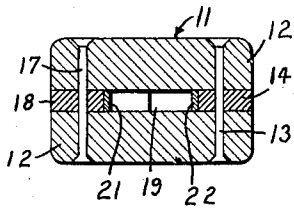


FIG. 4.

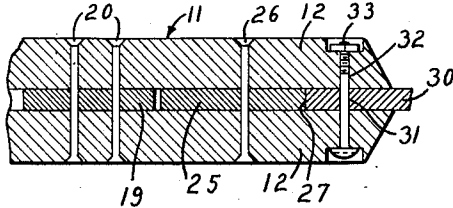


FIG. 5.

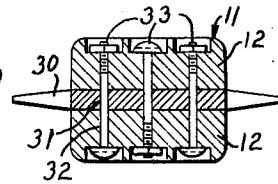


FIG. 6.

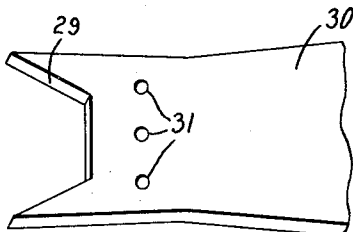
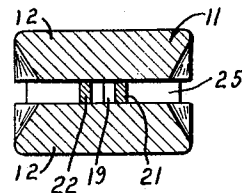


FIG. 7.



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2,213,071

PUTTY KNIFE

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Application November 27, 1937, Serial No. 176,874

1 Claim. (Cl. 30—169)

This invention relates to putty knives.

The general object of the invention is to provide a novel putty knife which has other implements combined therewith.

5 A more specific object of the invention is to provide a knife including a handle having a putty knife blade thereon and having pivoted operating blades also mounted thereon.

10 Another object of my invention is to provide a novel means for holding a blade in a putty knife.

Other objects and the advantages of my invention will be apparent from the following description taken in connection with the accompanying drawing, wherein:

15 Fig. 1 is a top plan view, with the upper side plate removed, showing my invention;

Fig. 2 is a side elevation showing the invention;

Fig. 3 is a section taken on line 3—3 Fig. 2;

Fig. 4 is a section taken on line 4—4 Fig. 1;

20 Fig. 5 is a section taken on line 5—5 Fig. 2;

Fig. 6 is a fragmentary perspective view showing the putty knife blade; and

Fig. 7 is a section taken on line 7—7 Fig. 2.

Referring to the drawing by reference characters I have shown my invention as embodied in a putty knife which is indicated generally at 10. Although my invention is referred to herein as a putty knife it will be understood that it may be used for other purposes without departing from the spirit of the invention.

30 In the accompanying embodiment I employ a knife which includes a handle portion 11 composed of side plates 12. These side plates are spaced apart and at one end near the upper edge thereof are provided with a transversely extending pivot in the form of a rivet indicated at 13 which serves to unite the side plates together and to pivotally support a blade 14 which includes a screw driver 15 and a bottle opener 16.

40 Below the pivot 13 is a second pivot 17 which pivotally supports a knife blade 18. Mounted between the side plates 12 I show a spring member 19 which is held in place by suitable rivets 20 and includes a bifurcated end providing arms 21 and 22. The arm 21 resiliently engages in a notch 23 in the blade 14 to hold the blade 14 open while the arm 22 resiliently engages in a notch 24 in the blade 18 to hold the blade 18 open. It will

be understood that the arms 21 and 22 also serve to hold the blades closed in the dotted line position shown in Fig. 1.

Near the other end of the side plates I provide a stabilizer member 25 which is held in place by 5 rivets 26 and which includes a tongue 27 provided by converging edges 28 on the stabilizer. This tongue engages in a recess 29 in the end of a putty knife blade 30. This blade 30 is provided with spaced apertures 31 which are aligned with ap- 10 ertures 32 in the side plates and through which removable bolts 33 extend. By removing the bolts a new knife blade 30 may be readily inserted.

In use the knife is assembled as shown and the 15 knife blade, bottle opener and screw driver may be employed by the operator in his work. Also he will employ the blade 30 for its purpose. Should this blade 30 become broken or wear out the bolts 33 are removed and a fresh blade insert- 20 ed. The tongue on the stabilizer coacting with the notch in the knife blade forms a wedging action and thus prevents a loose mounting of the blade 30.

From the foregoing description it will be ap- 25 parent that I have invented a novel putty knife which can be economically manufactured and which is highly efficient for its intended purpose.

Having thus described my invention I claim:

In a putty knife, a handle comprising a pair of 30 spaced side plates, said side plates having plane inner faces, a stabilizer member having parallel plane faces and disposed between said handle plates, means passing through said handle plates and said stabilizer member to hold said member 35 in place, said stabilizer member including an outwardly directed tongue having outwardly converging edges and a putty knife including a blade and an end portion having parallel plane faces and of the same thickness as that of the said two 40 members, said end portion having a notch therein, said notch having diverging sides parallel to the converging sides of said stabilizer, said stabilizer being spaced from one end of said knife and removable fastening means passing through 45 said handle plates and through said putty knife blade.

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