May 26, 1931. E. P. BYRNES 1,807,279

SPATULA

Filed Oct. 2, 1929

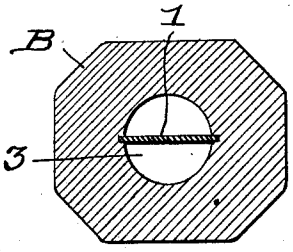


Fig. 7.

Fig. 1.

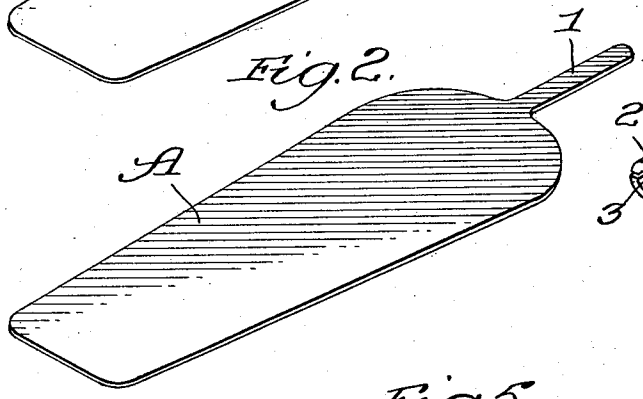


Fig. 2.

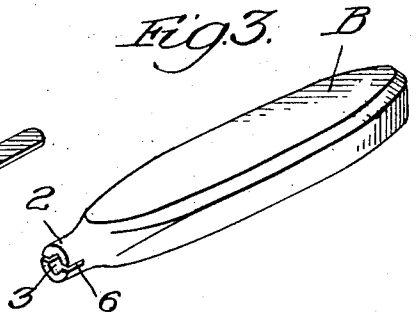


Fig. 3.

Fig. 4.



Fig. 5.

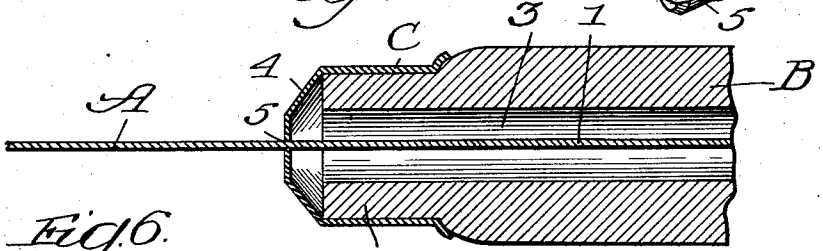
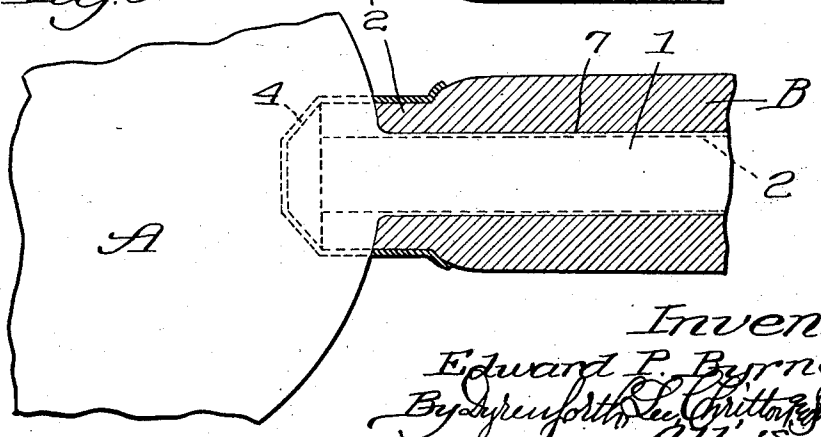


Fig. 6.



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UNITED STATES PATENT OFFICE

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SPATULA

Application filed October 2, 1929. Serial No. 396,874.

This invention relates particularly to a spatula adapted for use as a kitchen utensil for lifting cookies, slices of cake, or the like, from a baking pan.

The primary object of this invention is to provide an improved spatula and method of manufacturing same.

The invention is illustrated in a preferred embodiment in the accompanying drawings, in which—

Figure 1 is a perspective view of the assembled spatula; Figs. 2–4 are perspective views of the blade, handle and ferrule, respectively; Fig. 5, a longitudinal vertical section taken as indicated at line 5 of Fig. 1; Fig. 6, a broken plan view showing the blade inserted in the handle and ferrule; and Fig. 7, a transverse sectional view taken as indicated at line 7 of Fig. 1.

In the construction illustrated, A designates the blade of the spatula; B, the handle supporting the blade; and C, a ferrule at the junction of the handle and base of the blade.

The blade A comprises a thin resilient strip of metal, preferably of tempered steel, having a broad front edge with small rounded corners and tapering back to a broader semi-circular butt-portion having a projection or tang 1. The tang has a rounded nose to facilitate its insertion into the handle.

The handle B preferably is made of a soft wood, such as bass-wood, or pine. It is of common form and is provided at its inner end with a boss or shank 2. A bore 3 extends through the boss into the body of the handle. The bore preferably has a diameter somewhat smaller than the width of the tang.

The ferrule C is a thimble-like collar having one end-wall 4, the other end being open and adapted to fit snugly over the boss 2. The end-wall of the ferrule is provided with a narrow slot or kerf 5 which extends about half way down the cylindrical portion of the ferrule. The open end of the ferrule is shown flaring outward slightly so as to present a smooth and finished appearance when placed upon the boss.

In assembling, the ferrule C is slipped over the boss 2 of the handle; and the tang 1 of the blade is then inserted through the slot 5 and forced into the bore. The action is continued until the butt-portion of the blade enters the slot 5 and cuts a kerf 6 in the wood. The edges of the tang, or shank, 1 also cut shallow grooves 7 in the wall of the bore.

It will be noted that the wood or material in the boss of the handle is thereby compressed between the ferrule and the blade, insuring a tight fit. The tang, being slightly larger in width than the bore 3, will be tightly wedged in the bore.

The construction described enables very light gage steel to be used for the blade. The extending of the handle over the wide base-portion of the blade serves to prevent the thin metal from taking a set, even when sufficient pressure is exerted to curve the blade in a marked degree. Thus, it is possible to cause the blade to bend freely while inserting it between a cake and the bottom of a baking-pan, for example, so that the action of loosening and lifting the cake is greatly facilitated.

The improved construction is staunch, may be manufactured cheaply, and is thoroughly adapted to its purpose.

What I regard as new, and desire to secure by Letters Patent, is:

1. A spatula comprising: a handle having at one end a boss and having a bore extending through said boss into the body of the handle; a ferrule on said boss having an end-wall and a slot through said end-wall and the adjacent portion of the ferrule; and a wide, thin, flexible and resilient spatula-blade having a tang wedged in said bore and having a widened butt-portion entered in said slot and embedded in a kerf in said boss, whereby said blade may be flexed and curved by applying pressure through the medium of said handle without injury to the blade.

2. A spatula comprising: a handle having a bore extending into its inner end; a ferrule on the inner end of said handle provided with an end-wall having a slot therethrough extending partly through the cylin-

drical wall of the ferrule; and a wide, thin, flexible, resilient spatula-blade having a tang extending into said bore with its edges embedded in the wall of said bore and having a wide base-portion entered in said slot and embedded in a kerf in the inner end-portion of said handle, whereby said blade may be flexed and curved by applying pressure through the medium of said handle, without injury to the blade.

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