

No. 886,809.

PATENTED MAY 5, 1908.

W. W. HOWELL.
KNIFE HANDLE.

APPLICATION FILED MAY 6, 1907.

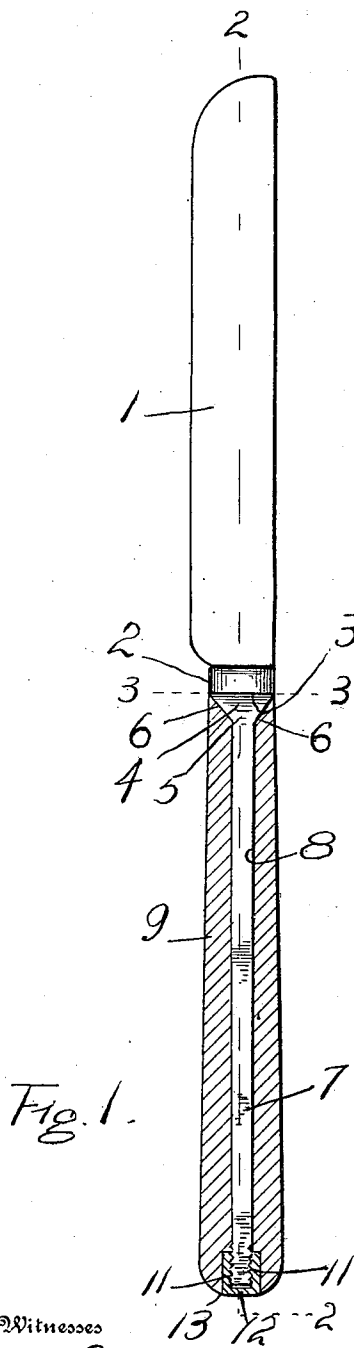


Fig. 1.

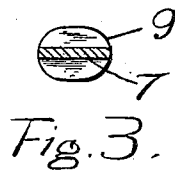


Fig. 3.

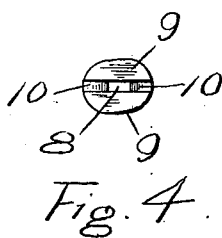


Fig. 4.

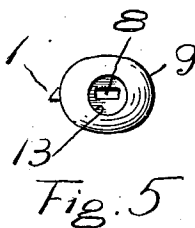


Fig. 5.

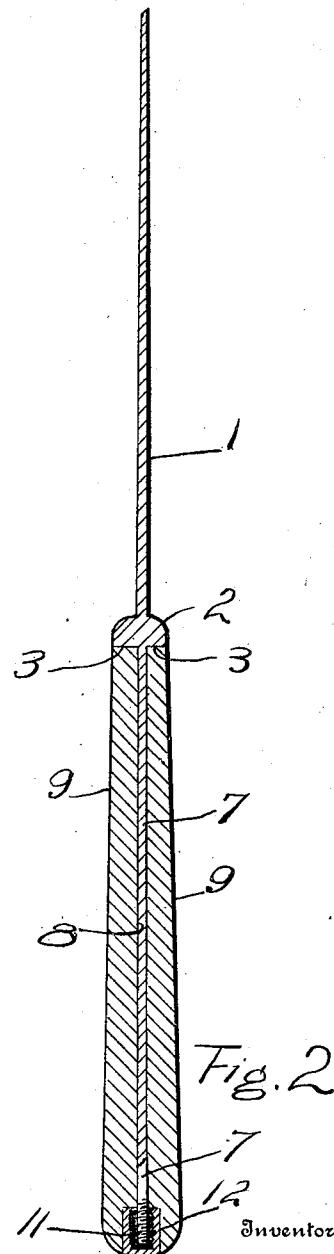


Fig. 2.

Witnesses
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UNITED STATES PATENT OFFICE.

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KNIFE-HANDLE.

No. 886,809.

Specification of Letters Patent.

Patented May 5, 1908.

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To all whom it may concern:

Be it known that I, WILLIAM W. HOWELL, a citizen of United States, residing at East Liverpool, in the county of Columbiana, State of Ohio, have invented certain new and useful Improvements in Knife-Handles; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention has relation to porcelain and other vitreous knife-handles and means for securing the handles to the knives.

It is the object of the invention to provide improvements in the constructive character of knife-handles and the cooperating parts of knives by which the handles are secured to knives.

The nature of the invention is fully and clearly ascertainable from the device portrayed in the annexed drawings, forming a part of this specification, in view of which it will first be described with respect to its construction and manner of use, and then be pointed out in the subjoined claims.

Of the said drawings—Figure 1 is a side elevation with the handle in section. Fig. 2 is a longitudinal section of the handle and the blade of the knife, taken in the plane 2 2, Fig. 1. Fig. 3 is a cross section taken in the plane 3 3, Fig. 1. Fig. 4 is an end view of the handle. Fig. 5 is a similar view with the tang in place in the handle.

Similar characters of reference designate similar parts or features, as the case may be, wherever they occur.

It is the purpose of my improvements to make the handle of one piece of porcelain that can be readily cleansed removable and replaceable, and to maintain the handle, securely on the tang of the knife when secured in place thereon.

A very material purpose of the invention also, is to make an economical construction and one in which the style or pattern of the handles can readily be changed.

In the drawings 1 designates the knife-blade which is provided at its rear end with a bolster 2 of desirable form. The bolster is provided with a shoulder 3 at its rear end, from which there extends rearwardly a part 4

flattened on its sides 5 and having its edges 6 inclined inward to the tang 7 at an angle of practically ninety degrees.

The tang or shank 7 is rectangular in form in cross section and may be three-sixteenths of an inch wide and one-sixteenth of an inch thick, and the hole 8 made through the handle 9 will correspond thereto. The handle itself will be about three and one-half inches long.

The measurements given are not absolute, but are cited merely as an example to give a clear understanding of the invention.

The forward end of the handle will have an angular slot, 10, made therein for the reception of the angular flattened part 4, and the rear end of the tang will be screw-threaded on its upper and lower sides (it being understood that it is rectangular in form and not rounded or made square) as at 11, to receive the interiorly threaded cap nut 12 that is adapted to be turned on the said screw-threaded end, and to fit in the rounded socket 13 formed in the rear of the handle.

The end of the cap-nut is constructed so as to be flush with the end of the handle when screwed upon the rear end of the tang and hence it may be made ornamental to the handle end. The cap nut may be turned on and off the rear end of the tang by mere friction between the thumb and the nut, or the nut may be provided with any well-known feature employed in connection with the heads of screws and nuts for turning it.

The flat sides of the part 4 having angular edges and the rectangular form of the tang, with corresponding recesses in the handle form a construction whereby the handle is kept from turning on the tang or shank of the blade.

What is claimed is—

In an article of the character described, a flat blade having a bolster of desired form, a shoulder extending from said bolster of a thickness less than said blade the edges of which are inclined at an angle of 90 degrees towards the tang, which forms an integral part and continuation of said shoulder, said tang being rectangular in cross-section to provide two wide sides and two narrow edges, the rectangular end of said tang being threaded, a handle conforming in cross-section

tion to the shape of said bolster and having a longitudinal square slot to receive said tang, the forward end of said handle having a seat to accommodate said shoulder, and having at
5 the rear end a round socket, and a cap nut threading upon said square tang end and fitting into said round socket, as disclosed.

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

WILLIAM W. HOWELL.

Witnesses:

G. T. FARROW,
H. C. FARROW.