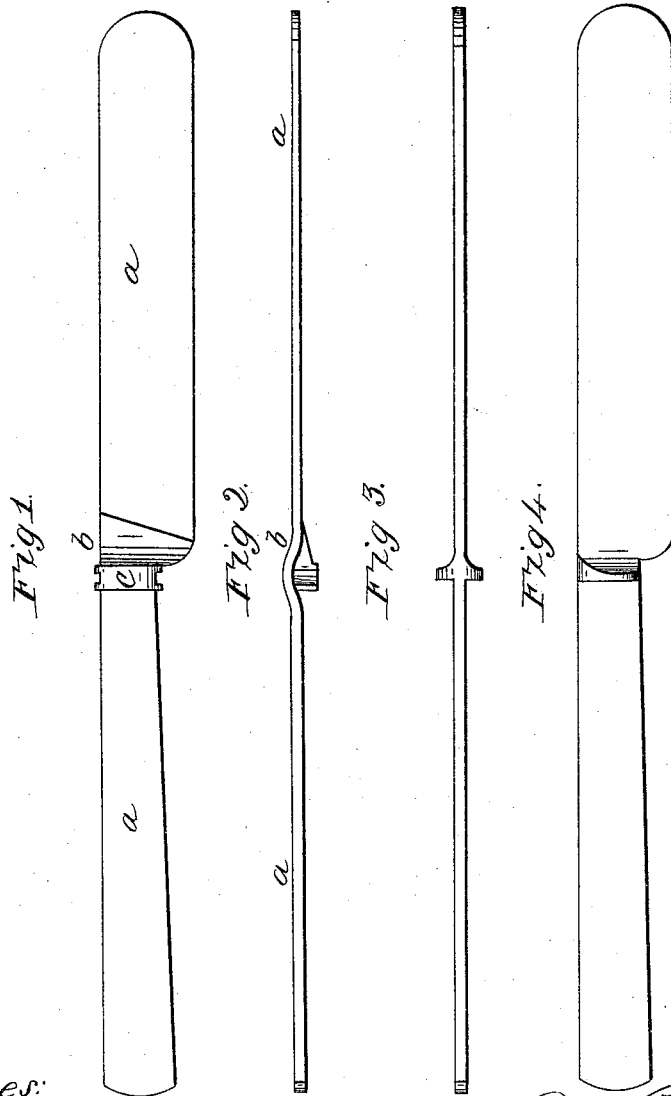


*D. Fitzpatrick,*  
*Table Knife.*

*N<sup>o</sup> 52,552.*

*Patented Feb. 13, 1866.*



*Witnesses:*

*Wm. C. Lorington*  
*Wm. C. Lorington*

*Inventor:*  
*D. Fitzpatrick*  
*per* *Wm. C. Lorington*  
*Attorneys.*

# UNITED STATES PATENT OFFICE.

DANIEL FITZPATRICK, OF WEST WINSTED, CONNECTICUT.

## IMPROVEMENT IN CUTLERY.

Specification forming part of Letters Patent No. 52,552, dated February 13, 1866.

*To all whom it may concern:*

Be it known that I, DANIEL FITZPATRICK, of West Winsted, in the county of Litchfield and State of Connecticut, have invented new and useful Improvements in Cutlery; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to a novel mode of forming the bolster of a knife-blade, fork, or other article of cutlery upon or about the tang; and it consists in slightly indenting the piece of steel of which the blade of a knife, for instance, and its tang are composed between the blade and tang, at or near the point where the bolster is to be secured or formed; on the side of which piece of steel having such indentation the piece of steel or iron which is to constitute one portion of the bolster is held by clasps or straps, and then firmly and closely welded thereto in any proper manner, by which welding, and at the same time, the bolster-projection upon each side of the tang is formed, as will be apparent from the following detail description, reference being had to the accompanying plate of drawings, of which—

Figure 1 is a side view of a knife-blade and its tang, showing the piece to be welded thereon; Fig. 2, a view of the top edge of the knife-blade, tang, and piece to be welded; Fig. 3, a similar edge view to Fig. 2, but with the bolster all formed, and Fig. 4 a side view of Fig. 3.

*a a* in the drawings represent the piece of steel of which the knife-blade and tang are composed, formed in the usual manner practiced therefor, which piece of steel, at or near

the junction of the tang and blade with each other, is slightly indented or bent in upon one side, and consequently bulged out upon the other, as shown at *b* in Fig. 2. Over this indentation is placed a piece of steel or iron, *c*, which may be cast or otherwise suitably made, and from which the bolster is to be formed upon the tang, this piece of steel being firmly wired or otherwise properly held or clasped thereupon. The bolster-piece is then closely welded upon the blade and tang-steel in any proper manner to give the desired shape thereto, the bolster-projection upon each side of the same, as shown in Figs. 3 and 4, being also produced thereby in consequence of the prior indentation of one side of the said steel, as described, and as is apparent without further explanation.

By securing or forming the bolster to cutlery as above explained one face of the blade is all steel, which is of great importance in the stamping of the same, and there is only one face required to be ground to remove the welding-mark, the advantages of which are obvious to all conversant with the manufacture of cutlery.

I claim as new and desire to secure by Letters Patent—

Forming or securing a half-bolster upon or to cutlery by indenting one side of the piece of steel of which the tang and blade are composed, and welding the half-bolster piece to such side, and forming the half-bolster upon the opposite side by swaging, substantially in the manner described.

DANIEL FITZPATRICK.

Witnesses:

P. REIDY,  
HARVEY B. STEELE.