

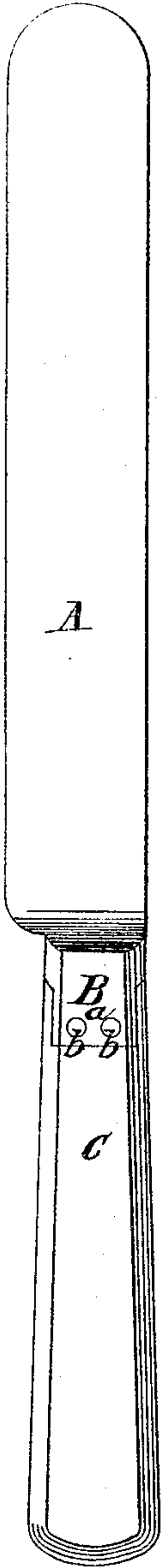
*J. W. Gardner,*

*Table Cutlery.*

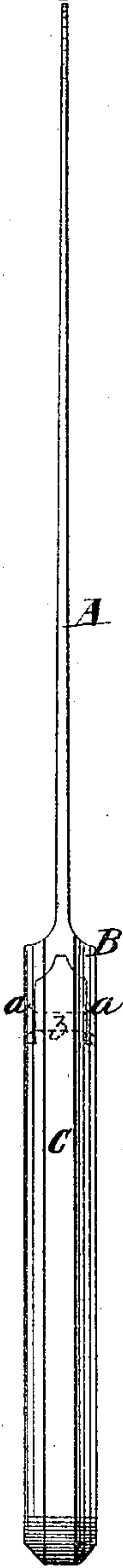
*N<sup>o</sup> 53,529.*

*Patented Mar. 27, 1866.*

*Fig. 1.*



*Fig. 2.*



*Witnesses.*

*J. B. Formington*  
*Wm. E. Lyon*

*Inventor.*

*J. W. Gardner*  
*By M. M. Hunt & Co.*  
*Attys*

# UNITED STATES PATENT OFFICE.

J. W. GARDNER, OF SHELBURNE FALLS, MASS., ASSIGNOR TO THE LAMPSON  
GOODNOW MANUFACTURING COMPANY, OF SAME PLACE.

## IMPROVEMENT IN THE MANUFACTURE OF TABLE-CUTLERY.

Specification forming part of Letters Patent No. 53,529, dated March 27, 1866.

*To all whom it may concern:*

Be it known that I, J. W. GARDNER, of Shelburne Falls, in the county of Franklin and State of Massachusetts, have invented a new and useful Improvement in Knives and Forks; 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, in which—

Figure 1 is a side view of a knife constructed according to my invention; Fig. 2, a back edge view of the same.

Similar letters of references indicate corresponding parts.

This invention relates to a new and useful improvement in the construction of knives and forks, and cutlery generally, in which the blade and bolster are forged in one piece, whereby several advantages are obtained over the old mode of manufacture, to wit: The forging of a tang on the blade is avoided, as well as the boring of the handle to receive the tang, which materially weakens the former; the cost of manufacture is considerably diminished, and a superior article as regards style, finish, and durability obtained.

A represents the blade of the knife, which may be constructed or forged in any of the known forms, and B is the bolster, forged in one piece with the blade A, and which is made with two prongs, or in the form of a fork or crotch, the two sides *a a* extending down a

suitable distance, with a sufficient space between to receive the end of the handle C, which may be constructed of any form or shape and of any suitable material.

The end of the handle which is fitted in the bolster is cut or shaped to correspond to the shape of the interior of the bolster, so that a perfect or snug fit may be obtained, and the sides *a a* of the bolster are of such a length that a good bearing-surface may be obtained on the handle.

The handle is secured in the bolster by rivets *b b*, which pass through the sides *a a* and the handle.

Thus it will be seen that I avoid the tang hitherto employed to pass into the handle, and the latter is not weakened by being bored to receive the tang.

The cost of manufacture is also materially reduced, as machinery may be made to do the work, or aid greatly in the manufacture, and a neat, durable, and superior knife and fork obtained.

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

As an improvement in knives and forks, the combination of the pronged bolster and blade, forged in one piece with a solid handle, all constructed in the manner herein represented and described.

J. W. GARDNER.

Witnesses:

F. A. BALL,  
H. O. SMITH.