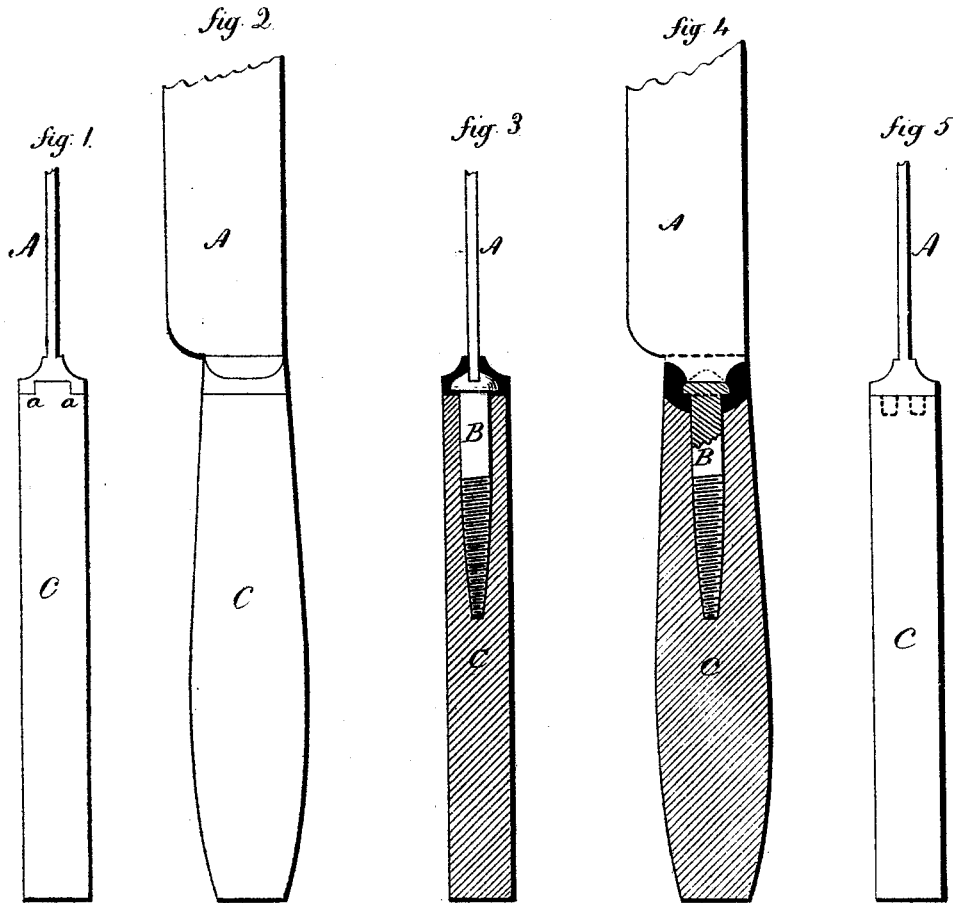


J. D. FRARY.  
TABLE CUTLERY.

No. 183,151.

Patented Oct. 10, 1876.



Witnessed.

*J. H. Manning*  
*Clara Croughton.*

*Jas. D. Frary*  
Inventor

By Atty.  
*Chas. E. Cook*

# UNITED STATES PATENT OFFICE.

JAMES D. FRARY, OF NEW BRITAIN, ASSIGNOR TO FRARY CUTLERY COMPANY, OF BRIDGEPORT, CONNECTICUT.

## IMPROVEMENT IN TABLE-CUTLERY.

Specification forming part of Letters Patent No. **183,151**, dated October 10, 1876; application filed September 15, 1876.

*To all whom it may concern:*

Be it known that I, JAMES D. FRARY, of New Britain, in the county of Hartford and State of Connecticut, have invented a new Improvement in Table-Cutlery; and I do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent in—

Figure 1, a back view of the handle; Fig. 2, a side view; Fig. 3, a longitudinal section; Fig. 4, a section; Fig. 5, a back view of a modification of the same.

This invention relates to an improvement in table-cutlery, with special reference to improvement in the method of securing cutlery-handles, for which Letters Patent of the United States were granted to these assignees, dated July 18, 1876, No. 179,927, of which John B. H. Leonard was the inventor.

In that invention a cylindrical screw is attached to the blade to form the tang, and the tang screwed into the handle until the head comes to a bearing on the end of the handle, then the bolster cast thereon. While this forms a good security for the handle, there is nothing to prevent the handle from being turned on the screw, save the friction of the screw.

The object of this invention is to avoid this difficulty, and make this security permanent; and it consists in constructing the end of the handle with one or more recesses or shoulders,

against which the metal of the bolster will run in casting, and thereby prevent the turning of the handle.

A is the blade, to which the screw B is attached, in the manner provided in the said Letters Patent, and as seen in Figs. 3 and 4. C is the handle. The end of this handle next the blade is constructed with a shoulder, *a*, across each side, as seen in Fig. 1. Thus formed, and the tang screwed into the handle, the metal for the bolster is cast upon the blade and handle, so as to flow onto these shoulders, and thereby interlock the bolster with the handle, and thus prevent the removal of the handle without the destruction of either the handle or bolster.

The shoulder may be formed at the edge, as in Fig. 1, or on the end, in form of a recess, as seen in Figs. 4 and 5, or other irregular form of the end of the handle may be made and accomplish the purpose; and by the term "shoulder" on the end of the handle I wish to be understood as embracing other than a regular form on the bolster end of the handle.

I claim—

In table-cutlery, in which the blade is constructed with a screw-tang, one or more shoulders on the bolster end of the handle, combined with a bolster cast upon the blade and into such shoulder, substantially as described.

JAMES D. FRARY.

Witnesses:

T. B. PERSSE,  
R. F. SHELDON.