

N. Miles,
Table Knife.

N^o 46,304.

Patented Feb. 7, 1865.

Fig: 1

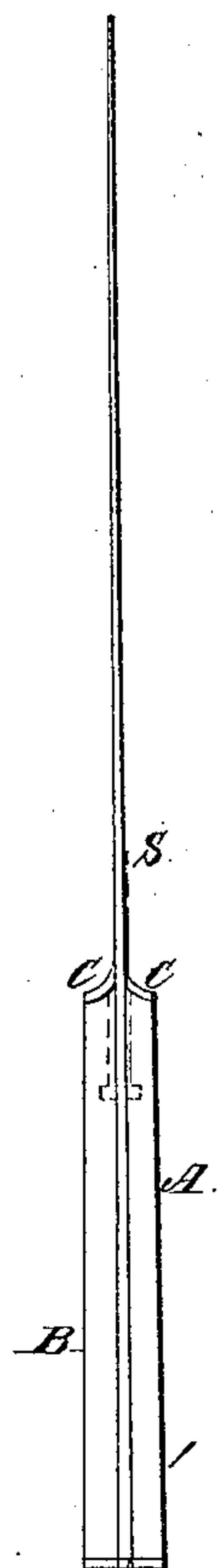


Fig: 2.

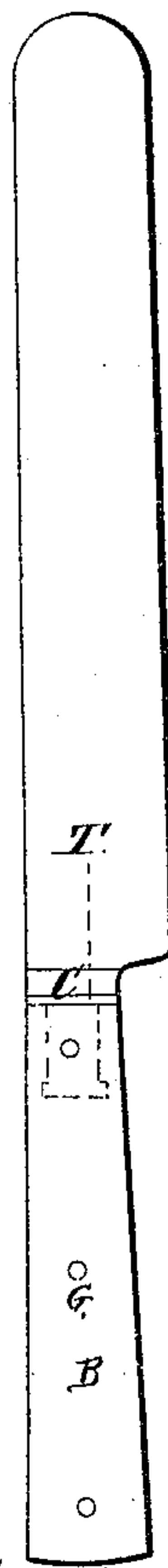


Fig: 3.



Fig: 4.

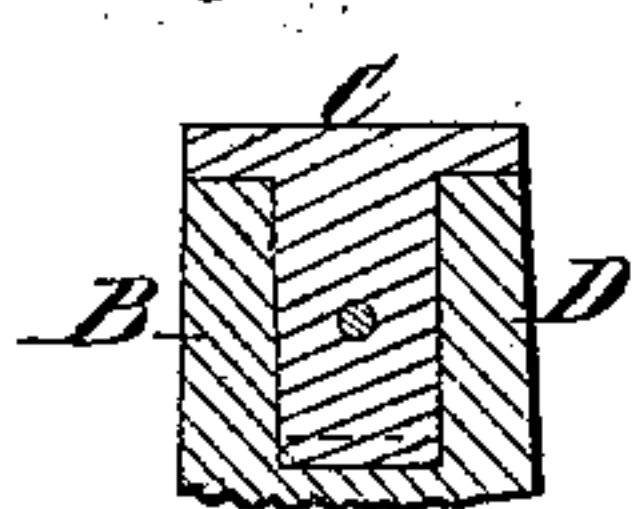


Fig: 4^a

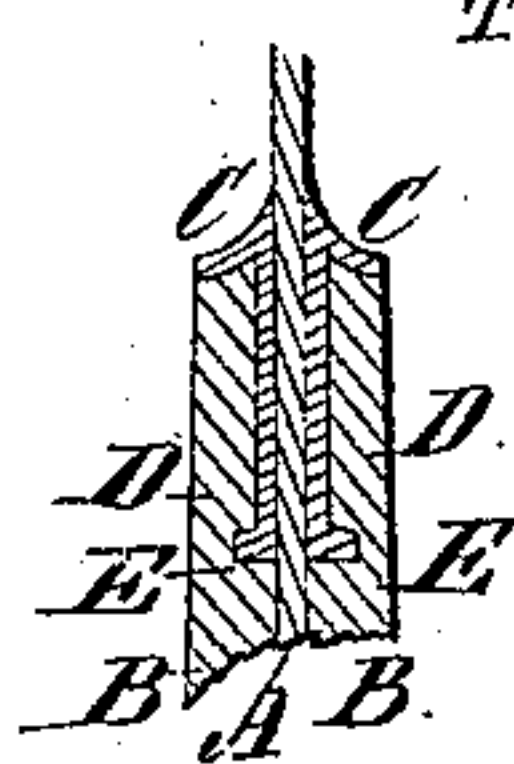


Fig: 5.

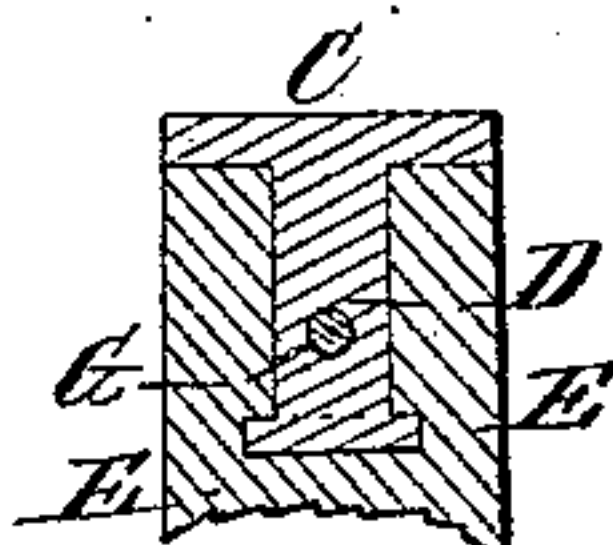
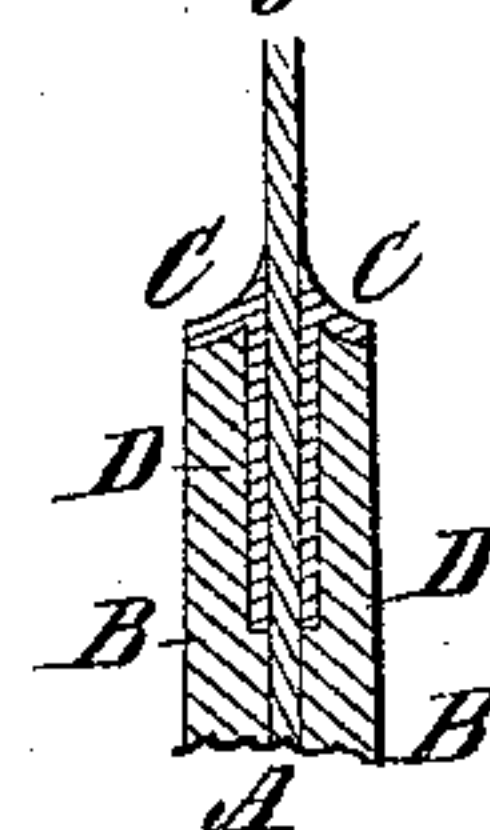


Fig: 5^a



Witnesses:
W. H. Maynard.
J. R. Pratt

Inventor:
Nathanil Miles

UNITED STATES PATENT OFFICE.

NATHANIEL MILES, OF BUCKLAND, ASSIGNOR TO BAY STATE HARDWARE COMPANY, OF NORTHAMPTON, MASSACHUSETTS.

IMPROVEMENT IN TABLE-CUTLERY.

Specification forming part of Letters Patent No. 46,304, dated February 7, 1865.

To all whom it may concern:

Be it known that I, NATHANIEL MILES, of Buckland, in the county of Franklin and State of Massachusetts, have invented certain new and useful Improvements in the Construction of Handles for Cutlery, more especially intended for Table-Cutlery; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a back view, Fig. 2 a side view, and Fig. 3 a front or edge view, of a table-knife with my improvement. Figs. 4 and 5 are sections of a part on the line S S in Fig. 1. They exhibit two forms or modifications of my invention. Figs. 4^a and 5^a are corresponding sections on the line T T in Fig. 2.

Similar letters of reference indicate corresponding parts in all the figures.

My invention relates to what is termed a "bolster" and the parts immediately adjacent thereto, and affords a very substantial fastening without injuring the appearance of the goods.

To enable others skilled in the art to make and use my invention, I will proceed to describe it by the aid of the drawings and of the letters of reference marked thereon.

A is the tang; B B, the scales secured by pins in the ordinary manner, and C C the exterior or visible part of the bolster. The bolster is forged or otherwise constructed separately from the other parts. It is made in two parts, as represented, and applied on opposite sides of the tang A, and adapted to fit closely upon and form a protection and finish for the ends of the scales B B.

D D is a narrower neck of the bolster, extending downward along the side of the tang. E E are spurs or hooks, formed on the lower end of the neck D.

The parts C D E are all formed in a single piece, one such piece being applied on one side of the tang A and another such piece being applied on the opposite side of the tang A. The inner sides or faces of the scales B B are correspondingly recessed, to adapt them to receive the parts D and E of the bolster. A little care and practice, with very ordinary skill,

will enable a workman to so form these parts that they fit together very tightly, and the cavities to receive the hooks E E should be beveled slightly, so as to draw down the exterior part, C, of the bolster very tightly upon the end of the scale B when the hooks E E are pressed into the cavity. They need not be specially described, as these and other mechanical niceties required in making the parts lock and fit very tightly will naturally suggest themselves to mechanics.

The hooks E E may extend out directly from the neck D, on the side thereof, opposite to or farthest removed from the tang, or they may extend forward and backward along the surface of the tang. I have represented both these conditions in the drawings. Figs. 4 and 4^a indicate the first described, and Figs. 5 and 5^a the last described.

I so place the pins G that the uppermost passes through the neck D of the bolster.

The bolster-pieces C D E may be formed very cheaply and rapidly by machinery or otherwise, and the scales B B may be very rapidly and cheaply prepared to receive them, while the manufacture of the blade and tang in a smooth continuous piece of metal, without great variations in its thickness, enables me to produce my cutlery with a degree of cheapness and perfection in quality and price which has been heretofore unattainable.

It will be observed that some of the advantages of my invention may be realized without the employment of the hooks E E, though the presence of the hooks E E, by their locking in the corresponding recesses in the scales B B, makes the union of the bolster to the other parts more firm and reliable; but inasmuch as the pin G, extending through the neck D, is sufficient of itself, under all ordinary circumstances, to confine the parts with absolute rigidity, the hooks E E may be omitted without very serious injury.

When the hooks E are omitted, my bolster may be united to the tang A by welding, riveting, brazing, or otherwise, before the scales B B are applied. When the hooks E E are employed, and the bolster is fitted to partially embrace or hook over upon the ends of the scales in the manner described, it will be found

expedient to lock each half of the bolster upon its respective scale before applying it to the tang.

The blade and tang may be made of sheet-steel, cut by dies or otherwise in the proper form. I do not confine myself to any particular material or style of finish for either of the parts.

Having now fully described my invention, what I claim as new, and desire to secure by Letters Patent, is as follows:

1. In table and other cutlery, the bolster C D, formed separately from the tang, and having the fastening part D narrower than the

scale B, and let into and concealed within the latter, substantially as and for the purpose within set forth.

2. In connection with the above, the employment of the hooks or additional parts E E, adapted to lock the separate bolster-pieces to the scales B B, the whole being concealed within the latter, substantially as within set forth.

NATHANIEL MILES.

Witnesses:

W. H. MAYNARD,
F. R. PRATT.