M. Rubel,

Cutlery.

No. 78,328. Patented May 26. 1868.

Fig. 1.

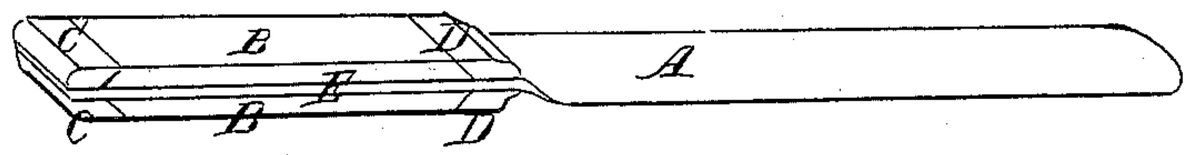
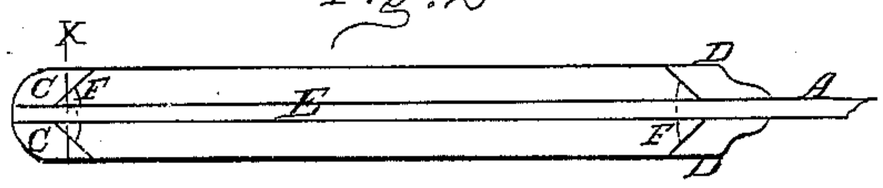


Fig. 2



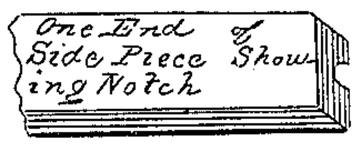
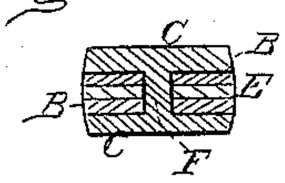


Fig. 3.



Witnesses
G. F. Chapin
A. Haynard

INVENTOR.
Moses Rubel

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

United States Patent Office.

MOSES RUBEL, OF CHICAGO, ILLINOIS.

Letters Patent No. 78,328, *dated May* 26, 1868.

IMPROVEMENT IN CUTLERY.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, MOSES RUBEL, of Chicago, in the county of Cook, in the State of Illinois, have invented an Improvement in Cutlery; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification, in which—

Figure 1 is a perspective representation of my invention.

Figure 2, an elevation of the shank of the blade, with the handle removed.

Figure 3, a section taken through fig. 2, on the line X.

This invention relates to a novel method of securing the handle, whereby no rivets are used; and its nature consists in bevelling the ends of the handle-pieces, and cutting notches in the same, corresponding with holes made through the shank of the blade or lining of the handle, and then enclosing the handle-pieces on the shank in a suitable mould, and casting the tips of any suitable metal, which will not burn the material used for the handle, the metal filling said notches, and, uniting itself on both sides of the shank, by means of said holes through it, holds the side pieces in place without rivets.

In order to give a correct understanding of my invention, I have marked corresponding parts with similar letters, and will now give a detailed description.

A represents a common steel blade, with a shank, E, made in the usual manner, and with holes through the latter, as seen at fig. 3, for permitting the cast metal C C D D to unite, and thus be held fast to it.

B B represent the handle-pieces, which may be of wood, or any suitable material, and should be bevelled so as to make the sides fitting the shank E the longest; this is for the purpose of causing the metal C C D D to lap on the ends of the pieces B B, and hold them in place, they being practically dove-tailed between the cast metal, and are prevented from sliding out by means of lugs F, filling the notches in the sharp edges of said pieces B B.

The process of casting is as follows: The pieces B B should be clamped with a little force to the shank E, and then covered with suitable material, so as to form a mould, and the metal poured, in the usual manner of making similar castings. The handle can then be finished, and the tips moulded any style desired.

By means of this arrangement an article of cutlery is provided, which is much more durable than when rivets are used, and one which can have a better finish, at less cost; and further, the device can be nearly all made by the same tools now used in the manufacture of cutlery; consequently no material expense need be incurred in this respect.

Having thus described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

The bevelled side pieces B B, having notches in their ends, and held in place by the cast metal C C D D, having lugs F fitting in said notches, substantially as set forth.

MOSES RUBEL.

Witnesses:

G. L. CHAPIN,

A. HAYWARD.