

W. D. Woods.

Knife Handle.

N^o 101,201.

Patented Mar 22, 1870.

Fig. 1

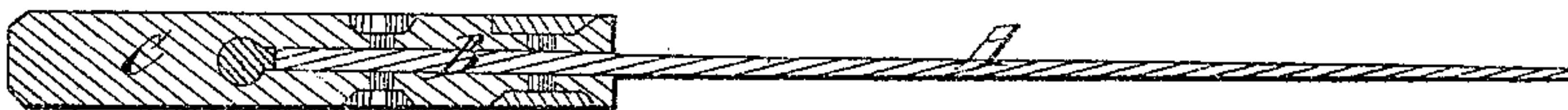


Fig. 2

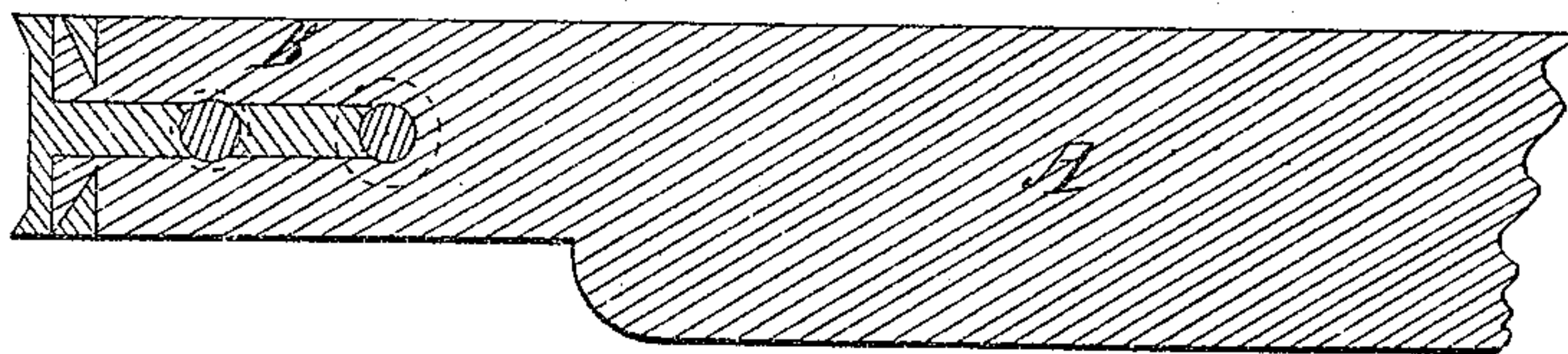
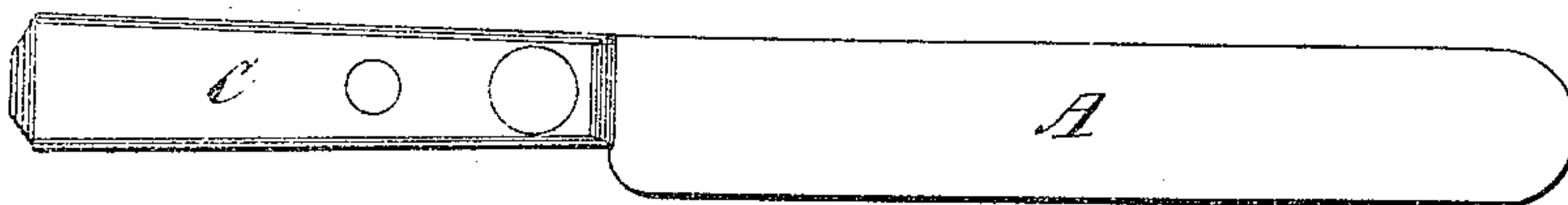


Fig. 3



Witnesses
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Atty.

United States Patent Office.

W. D. WOODS, OF BENNINGTON, NEW HAMPSHIRE.

Letters Patent No. 101,201, dated March 22, 1870.

IMPROVEMENT IN KNIFE-HANDLES.

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, W. D. WOODS, of Bennington, in the county of Hillsborough and in the State of New Hampshire, have invented certain new and useful Improvements in Knife-Handles; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon.

The nature of my invention consists in the manner of securing the handles to cutlery, by a cheap, new, and improved method, as will hereafter be set forth and described.

Figure 1 is a horizontal section view of my knife.

Figure 2 is a vertical section of the blade.

Figure 3 is a side elevation of the knife in a finished condition.

Letter A represents the blade of my knife, to which which there is secured a double shank or tang, B.

This tang may either extend the whole length of the handle C or only part of the way, and has an elongated slot cut in it, into which the melted metal is poured.

The two pieces of wood, or whatever other material of which the handle is to be formed, are placed against the sides of the shank, having three or more openings made in them, two of which extend through the sides, and the other up through the edge, just at the end of the shank. These openings should be larger at the outside than against the shank, so that the metal which forms the rivets can form in them in such a manner as to bend them securely and firmly

against the shank. After the wood has been placed in position, any number of handles can be placed against each other, so as to make it more convenient for the operator.

The metal which forms on the end of the shank prevents it from becoming loosened or moving in the handle.

A sheet of metal is placed upon the outside of the handle, so as to stop the holes where the rivets are formed, the pieces pressed firmly together, and then the melted metal is poured in, which fills up the slot in the shank and the rivet-holes in the pieces which form the handle. As this metal cools it shrinks, and draws them tightly against the shanks, thus securing them in place much more firmly than can be done by the common rivets, and without straining or breaking them. By this method a person can rivet on nearly ten times as many handles as by the ordinary way.

Having thus described my invention,

What I claim, and desire to secure by Letters Patent, is—

The combination of the blade and double shank A B with the perforated handle C, when the parts are connected together by means of molten solder, which is passed into and fills the spaces in the shank and in the handle, all as specified.

In testimony that I claim the foregoing, I have hereunto set my hand this 10th day of May, 1869.

W. D. WOODS.

Witnesses:

AMOS WHITEMORE,
JOHN F. DODGE.