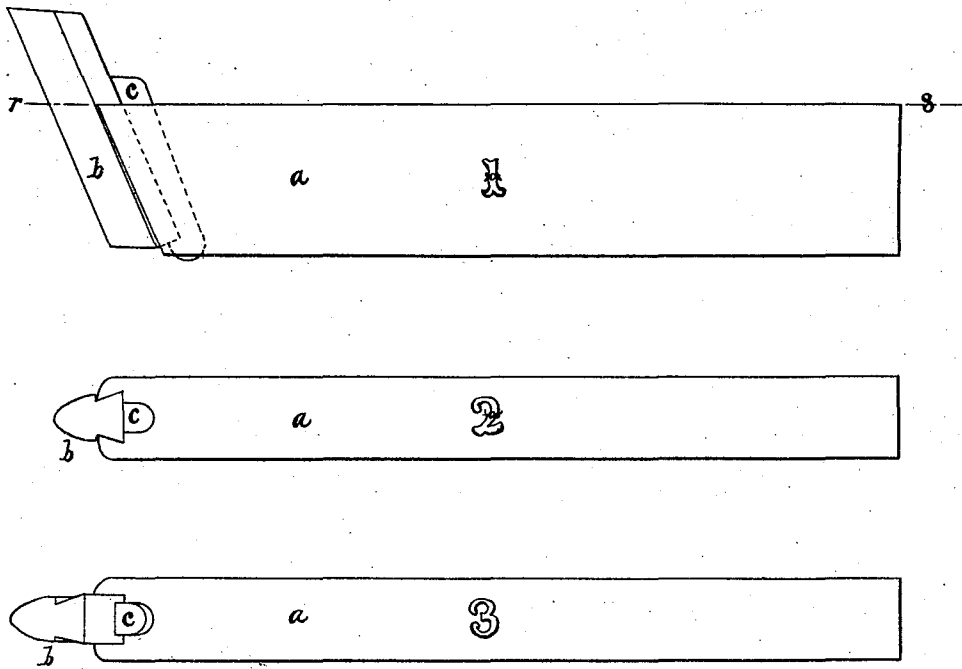


No. 75,060.

PATENTED MAR. 3, 1868.

T. SHAW.  
LATHE TOOL.



WITNESSES.

*E Cobb*  
*Elias J Shaw*

INVENTOR.

*Thomas Shaw*

United States Patent Office.

THOMAS SHAW, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 75,060, dated March 3, 1868.

IMPROVEMENT IN LATHE-TOOL.

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, THOMAS SHAW, of the city and county of Philadelphia, Pennsylvania, have invented a new and improved Lathe-Tool; and I hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

My invention consists in the mode of inserting cutter-bits in tool-holder in the manner and for the purpose as hereafter described.

In order to enable others to use and practise my invention, I will proceed to describe its construction and operation. On reference to the accompanying drawing, which forms part of the specification—

Figure 1 represents a side view of tool, and

Figure 2 a top view on line *r s* of fig. 1.

Figure 3, a top view.

Similar letters refer to similar parts, of which *a* is the tool-holder and *b* the cutter-bit, and *c* a wedge, all for the purpose as hereafter described.

The object of this invention is to furnish a cheap and efficient lathe-tool, with separate cutter-bits projecting from the tool-holder, so that nothing intervenes between the cutter-bit and the work, and for the further purpose of holding the cutter securely when performing heavy work.

It will be observed that holder *a* is dove-tailed for holding bit *b* securely in one direction, and that wedge *c* is provided with a lip on its under and smaller end, on which bit *b* rests, and if the bit is hammered or forced down, it carries wedge *c* with it, until the whole is securely held by reason of pressure of wedge.

It will be evident that this tool will answer as well for planers as for the lathes.

Claim.

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

The combination of holder *a* with cutter-bit *b*, and wedge *c*, in the manner and for the purpose described.

THOMAS SHAW.

Witnesses:

E. COBB,

ELIAS JOHN SHAW.