

A. STREIT.  
Cutter-Bits.

No. 169,204.

Patented Oct. 26, 1875.

Fig. 1.

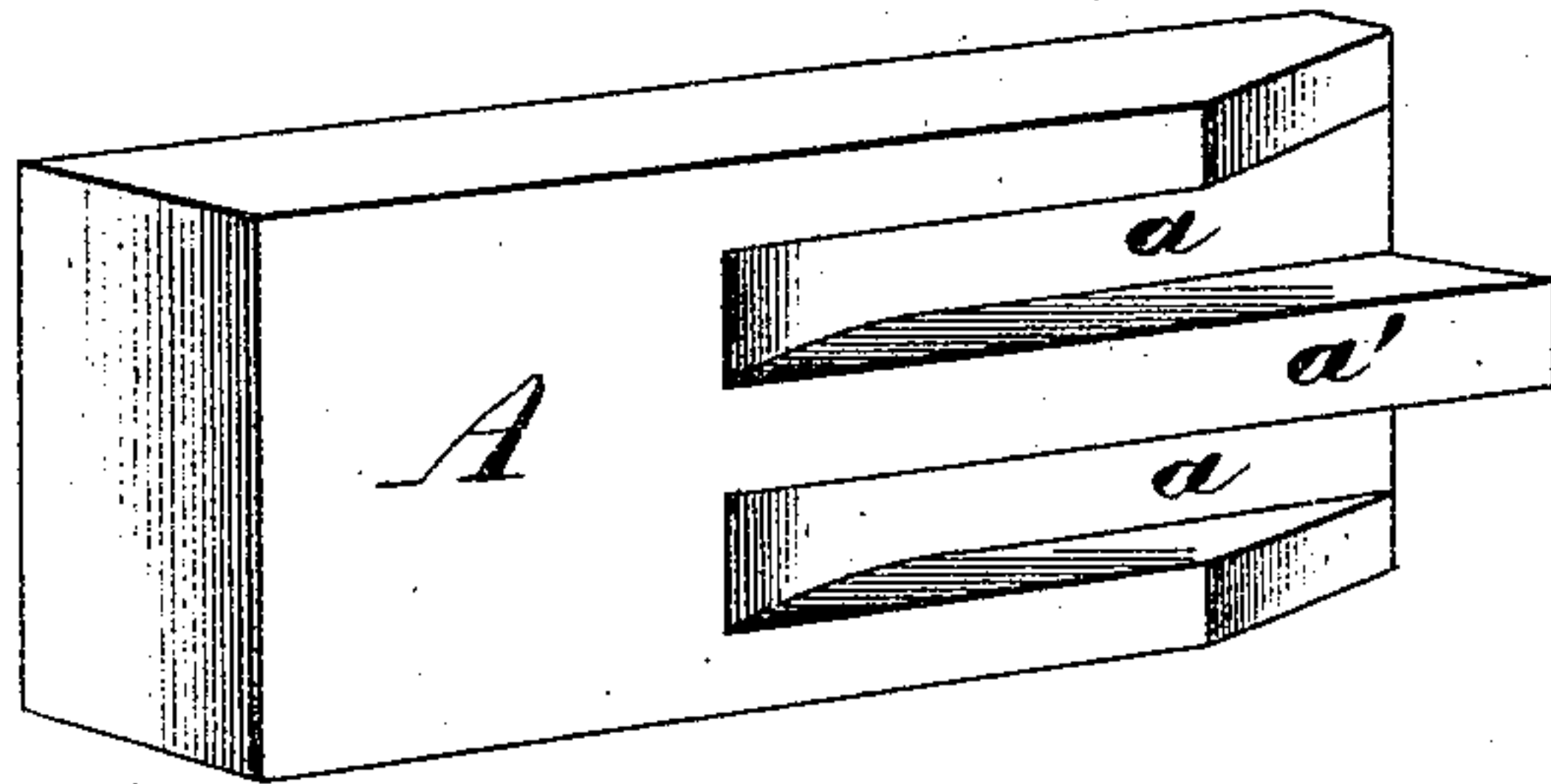


Fig. 2.



Fig. 3.

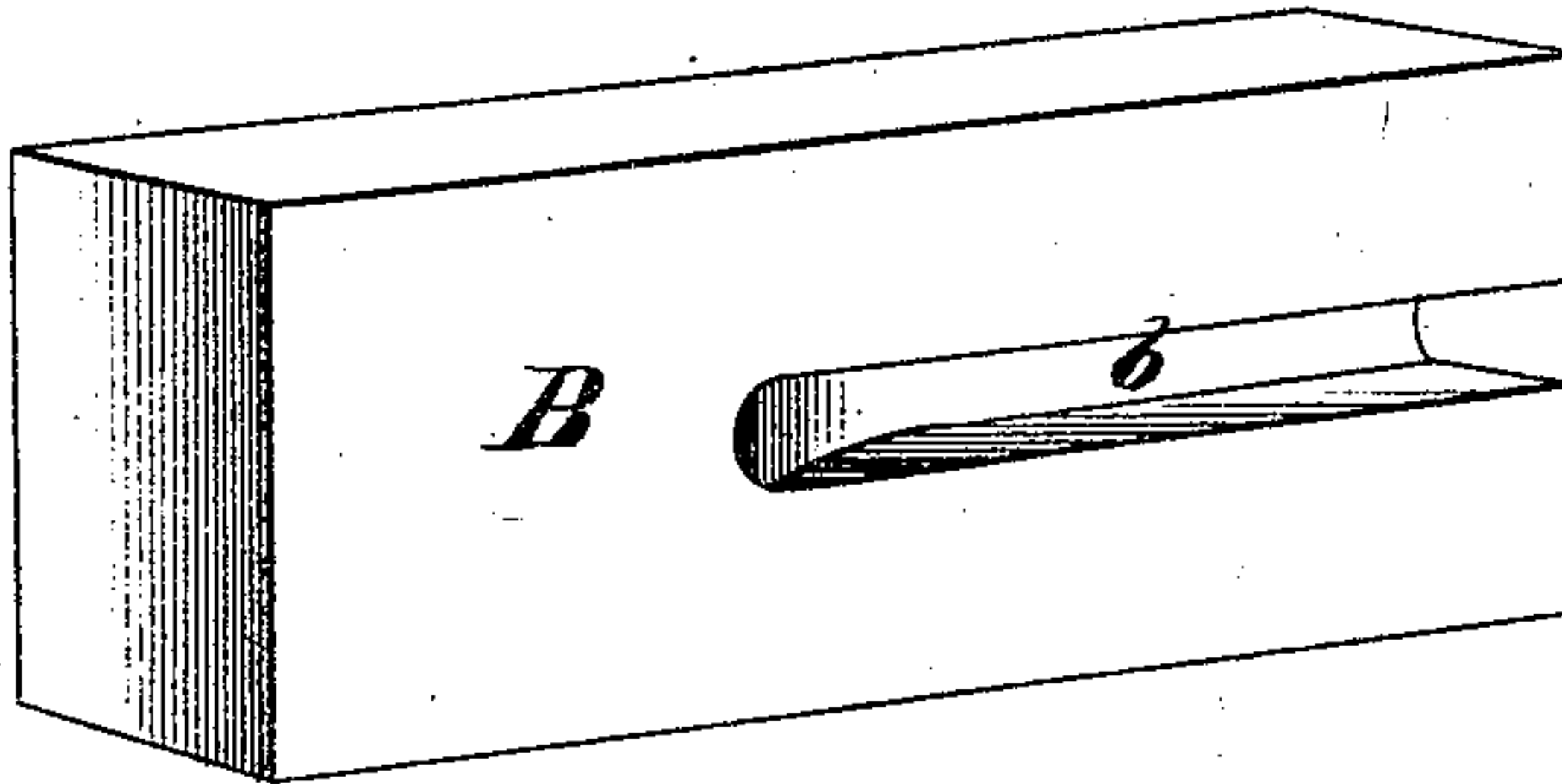


Fig. 4.



Witnesses:  
A. Ruppert.  
Harry C. Rich.

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Inventor.  
per J. Edw. Eile  
Att'y

# UNITED STATES PATENT OFFICE.

ANTON STREIT, OF CINCINNATI, OHIO, ASSIGNOR TO J. A. FAY & CO.,  
OF SAME PLACE.

## IMPROVEMENT IN CUTTER-BITS.

Specification forming part of Letters Patent No. **169,204**, dated October 26, 1875; application filed  
July 7, 1875.

*To all whom it may concern:*

Be it known that I, ANTON STREIT, of Cincinnati, in the county of Hamilton and State of Ohio, have invented a certain Improvement in Cutter-Bits, of which the following is a specification:

The object of my invention is to reduce the number of cutter-bits usually sent out from a shop with a planing-machine, the bits being so formed that each can perform two different kinds of work.

My improvement consists of a cutter-bit, one end of which is adapted for plain surfacing, while the other end is adapted for matching, cutting either a tongue or a groove. The bits covered hereby are complements to the cutter-bits described in Letters Patent No. 162,114, and with them form a complete set.

In the annexed drawings, Figure 1 is a perspective view of a bit adapted for plain surfacing and grooving. Fig. 2 is a section of the same. Fig. 3 is a perspective view of a bit adapted for plain surfacing and tonguing. Fig. 4 is a section of the latter.

Each of the cutters shown has a straight cutting-edge at one end. The cutter A has

on one side two parallel grooves, *a a*, running out at its midlength, and affording the opportunity of conveniently grinding this grooved end with a projecting tongue, *a'*, adapted for cutting the groove of a matching-edge. The cutter B has on the other hand only a single central groove, *b*, on one side, terminating at its midlength, and by grinding the usual bevel on this grooved end a tonguing-edge will be obtained.

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

A cutter-bit, plain at one end, with a straight cutting-edge for surfacing, and grooved longitudinally on one side from the center to the other end, to form a matching-edge, either for grooving or tonguing, substantially as specified.

In testimony whereof I have signed my name to the foregoing specification in the presence of two subscribing witnesses.

ANTON STREIT.

Witnesses:

FRED. A. STEVENS,  
IRVING SPENCE.