

G. A. BEIDLER.

Improvement in Wood Pavement.

No. 123,445.

Patented Feb. 6, 1872.

Fig. 1.

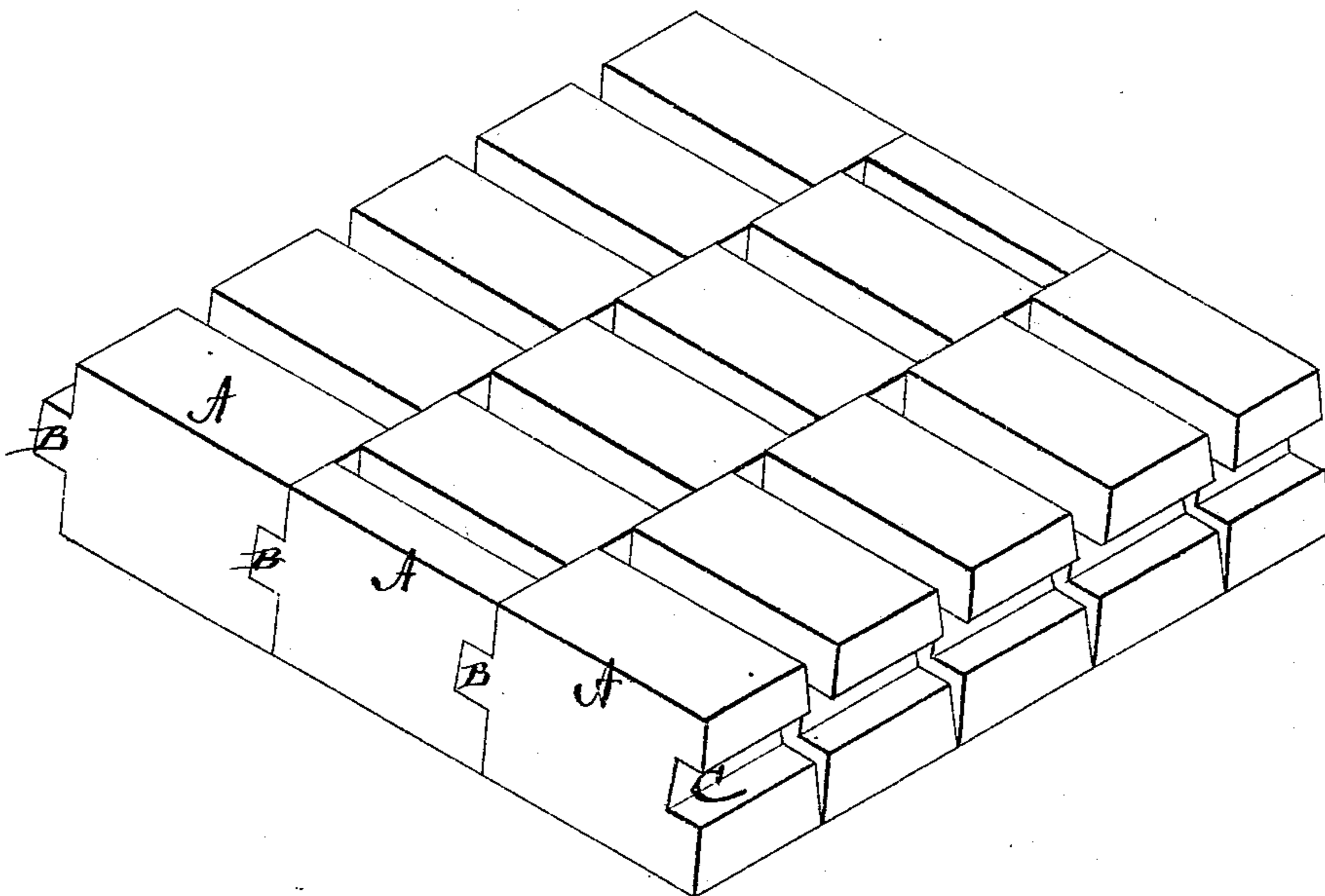


Fig. 3.

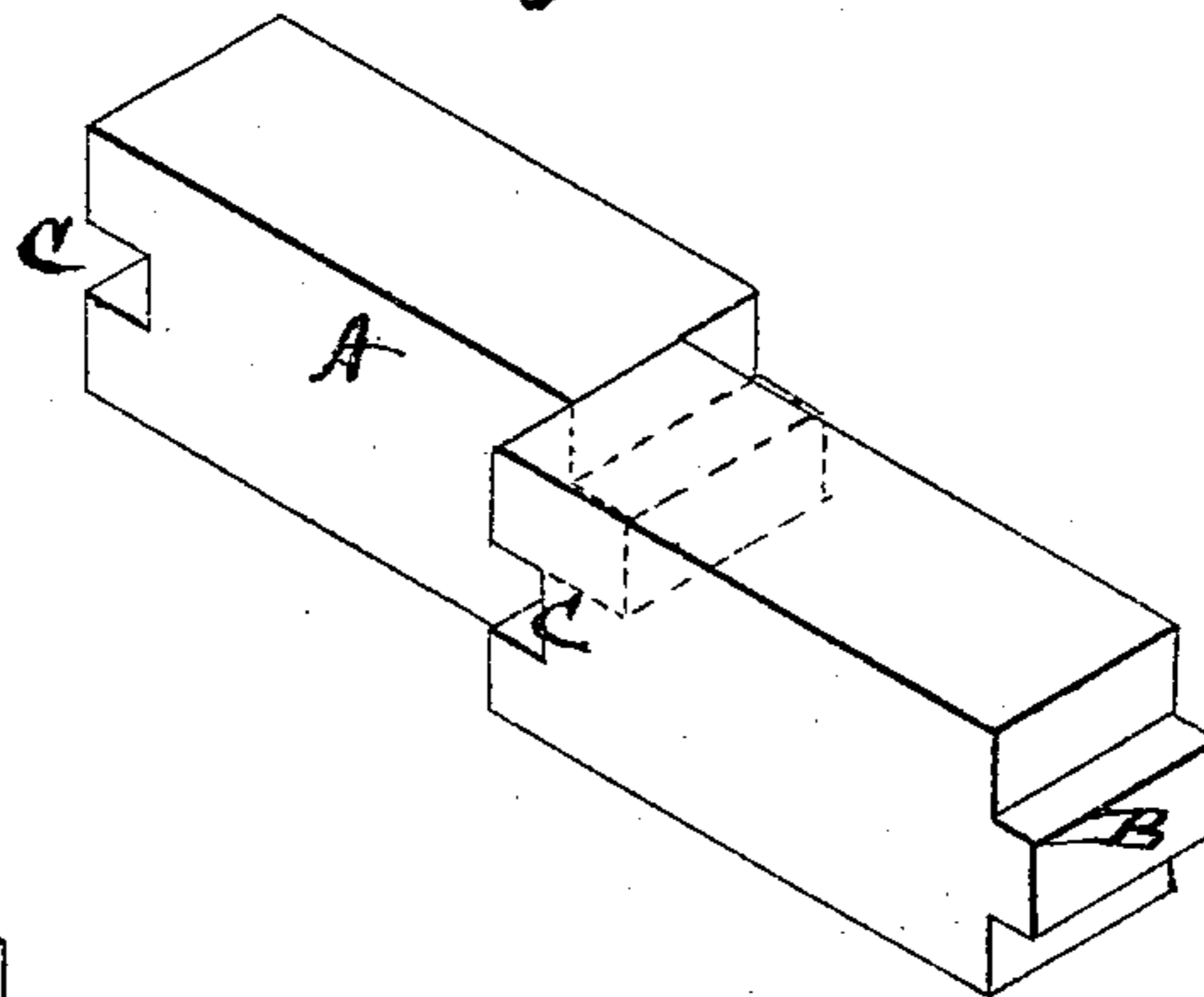
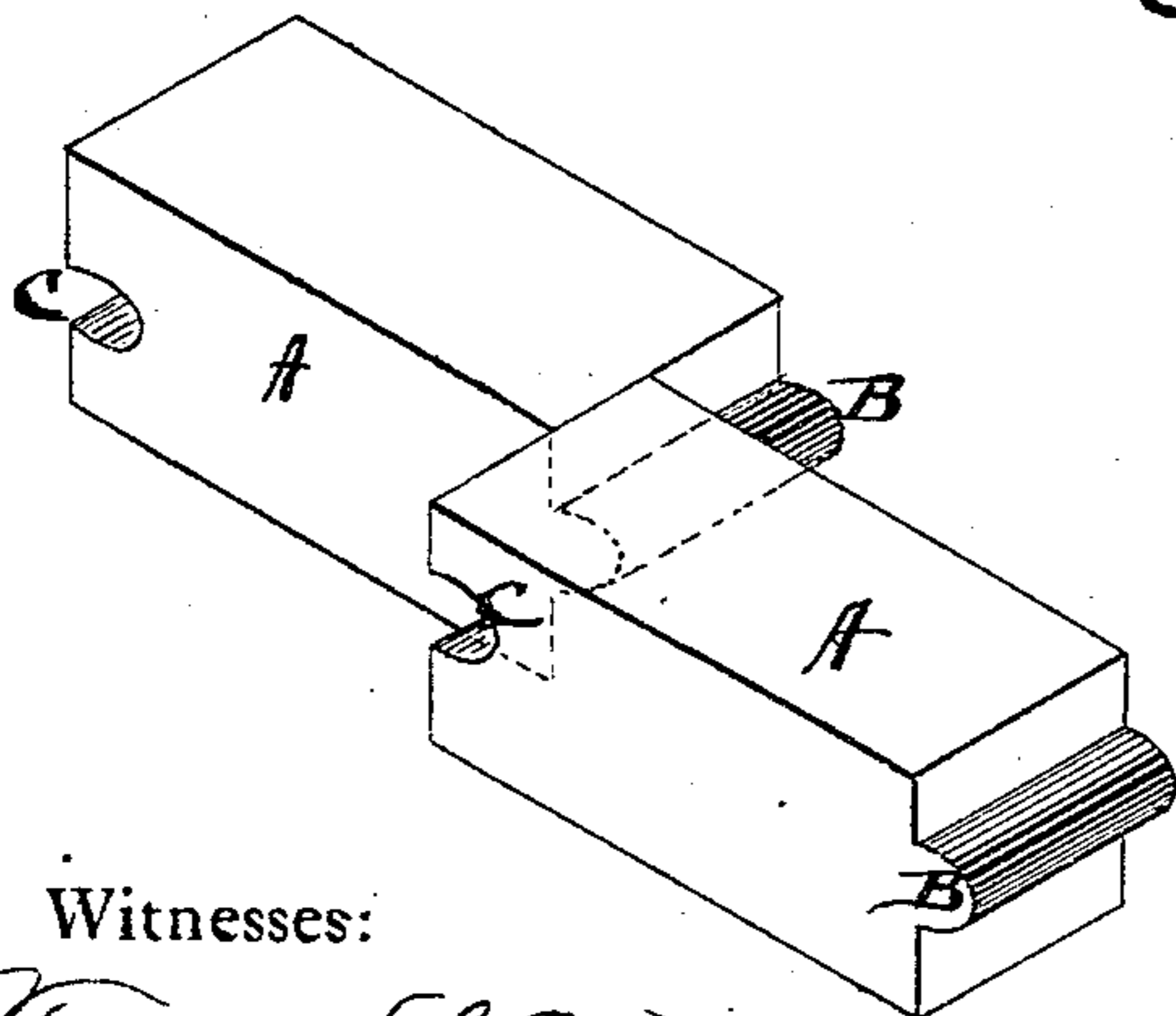


Fig. 2.



Witnesses:

Frank L. Curran
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per
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UNITED STATES PATENT OFFICE.

GEORGE A. BEIDLER, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN WOOD PAVEMENTS.

Specification forming part of Letters Patent No. 123,445, dated February 6, 1872.

To all whom it may concern:

Be it known that I, GEORGE A. BEIDLER, of Philadelphia, in the county of Philadelphia and in the State of Pennsylvania, have invented certain new and useful Improvements in Wood Pavement; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon making a part of this specification.

The nature of my invention consists in blocks for wooden pavements, whether beveled or square, having a projecting tongue across one end and a corresponding groove in the other end, and in the manner of laying, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a perspective view, showing a portion of my pavement; and Figs. 2 and 3 are perspective views, showing different formations of the tongue and groove.

A A represent the wooden blocks, made of any suitable dimensions for pavement purposes, and having their sides either square or beveled, as may be deemed most advantageous. Across one end of each block is formed a tongue, B, which may be either square, as shown in Fig. 3, or rounded, as shown in Fig. 2, or of any other desired shape; and in the opposite end of each block is a corresponding groove, C, so that the tongue of the block may fit in the groove on the adjoining block endwise. These blocks are laid on a board, sand-and-gravel, concrete,

or vulcanite foundation, and in the manner shown in Fig. 1, so as not to form continuous rows across the street, but to break joints. The spaces between the blocks are to be filled with any of the known materials usually employed for that purpose. It will be noticed that the blocks rest one upon two others at the ends, which cheapens the blocks and lessens the cost of manufacture.

I am aware that wooden blocks have been made so as to rest one upon the other at the sides; but in the manufacture of such blocks there is too much waste of material and increase of labor, hence an increase in their price, which is not so much the case where they are constructed so as to rest upon each other at the ends. This may also be accomplished by making one end of the block V or wedge shaped, and the other end having a corresponding V-shaped notch or groove, which would be substantially the same as my tongue and groove.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A wood pavement composed of blocks A, having a tongue on one end and corresponding groove on the other, which are so laid that each block interlocks at the ends of two others, and which leave spaces transverse of the street, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 13th day of December, 1871.

G. A. BEIDLER.

Witnesses:

C. L. EVERT,
A. N. MARR.