

J. DANIELS.
ATTACHMENTS FOR CARPENTERS' SQUARES.

No. 194,587.

Patented Aug. 28, 1877.

Fig. 1. *x.*

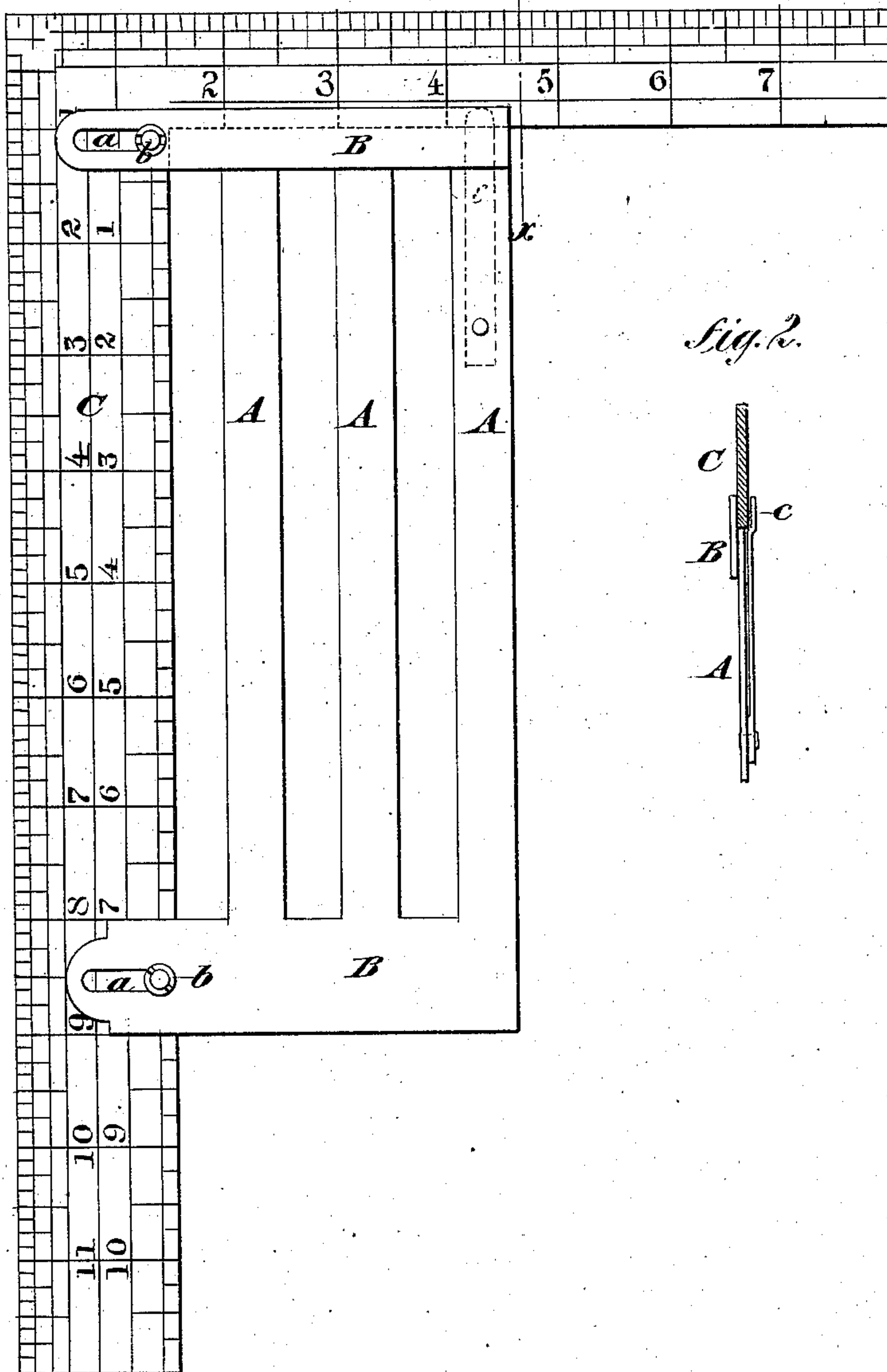
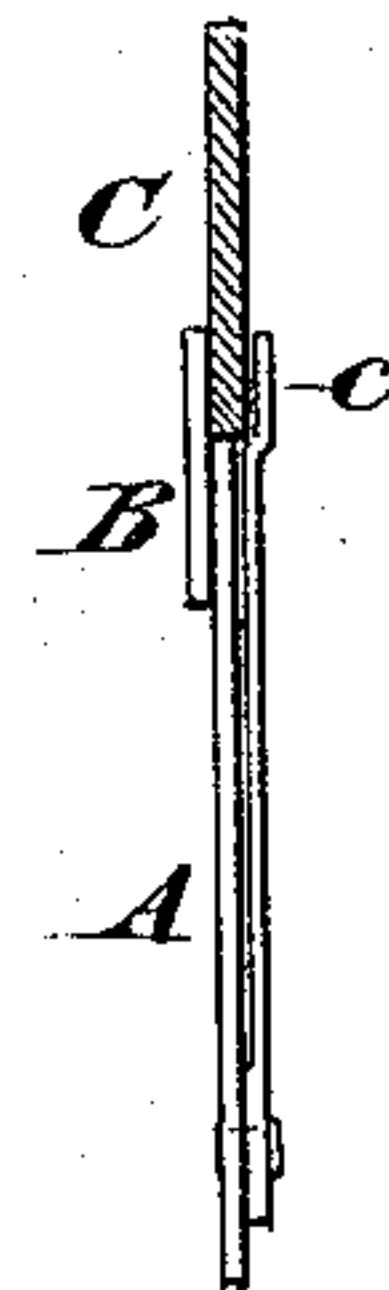


Fig. 2.



WITNESSES:

Thos. A. Hittich
J. H. Scarborough.

INVENTOR:

J. Daniels.
BY *Wm. H. Hittich*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

JEREMIAH DANIELS, OF SHARON, WISCONSIN.

IMPROVEMENT IN ATTACHMENTS FOR CARPENTERS' SQUARES.

Specification forming part of Letters Patent No. **194,587**, dated August 28, 1877; application filed June 11, 1877.

To all whom it may concern:

Be it known that I, JEREMIAH DANIELS, of Sharon, county of Walworth and State of Wisconsin, have invented a new and Improved Attachment for Squares, of which the following is a specification:

Figure 1 is a side elevation of my attachment applied to a square. Fig. 2 is a transverse section on line *x x* in Fig. 1.

Similar letters of reference indicate corresponding parts.

My invention relates to an improved attachment for carpenters' squares; and it consists of a number of parallel bars that are secured to slotted end pieces that are clamped to the square by means of screws and nuts.

The object of the invention is to provide a square that will facilitate laying out single and double mortises, tenons, and other operations in carpentry.

In the drawing, *A A A* are bars, attached to end pieces *B*, which are provided with slots *a* for receiving the bolts *b* that bind the end pieces to the square *C*.

The edges of the bars *A* are parallel, and the distance between them and also between the first one and the beam or longer arm of the square is equal to the width of the bars. In the present case this distance is one-half inch, that being most convenient for all pur-

poses, but it may be varied to suit circumstances.

The end piece *B*, which overlaps the shorter arm of the square, is provided with a clip, *c*, that embraces the said arm and prevents the bars from springing.

The square is used by placing its longer arm against or upon the timber to be laid out and marking at the sides of the parallel bars for the sides of the mortises or tenons. The attachment does not interfere with the use of the square in the ordinary way, as the heads and nuts of the bolts are on a line with the inner edge of the square-beam and serve to guide it.

If the bars do not stand in the required relation to the side of the timber, the slots in the end pieces and the bolts afford a means of adjustment.

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

The parallel bars *A*, attached to slotted end pieces *B*, and the bolts *b*, in combination with the square *C*, substantially as shown and described.

JEREMIAH DANIELS.

Witnesses:

WM. P. ALLEN,

SAMUEL P. BALLARD.