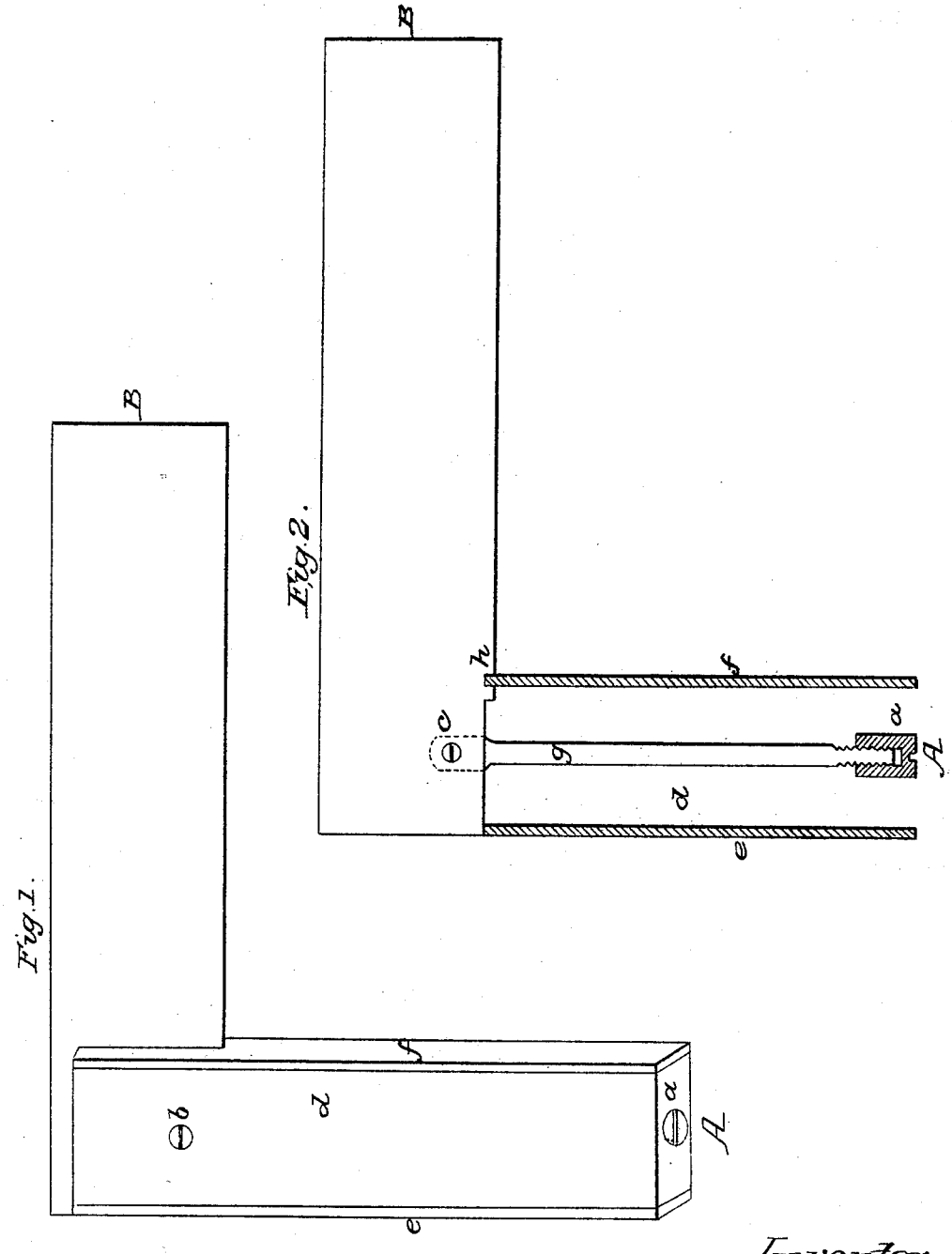
J. WILLIAMS.

Try Square.

No. 49,670. Patented Aug. 29, 1865.



Witnesses

John C. Haing

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UNITED STATES PATENT OFFICE.

JOHN WILLIAMS, OF WORCESTER, MASSACHUSETTS.

IMPROVEMENT IN TRY-SQUARES.

Specification forming part of Letters Patent No. **49,670**, dated August 29, 1865.

To all whom it may concern:

Be it known that I, JOHN WILLIAMS, of Worcester, in the county of Worcester and State of Massachusetts, have invented a new and Improved Mode of Constructing and Adjusting Try-Squares; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

Figure No. 1 is a perspective view of the whole try-square. Fig. No. 2 is a perspective view of a section of the try-square, showing its internal construction and operation.

The nature of my invention consists in providing a metal rod which passes through the beam lengthwise, and is attached at one end by a screw to the tongue, and at the end of the rod opposite that which is thus attached to the tongue are a screw and nut, by means of which the edge of the tongue, resting in the groove made for it in the beam, is drawn down from the bottom of the groove and upon the prolongation of a part of the beam, and is firmly secured and properly adjusted to the beam.

To enable others to make and use my invention, I proceed to describe its construction and operation.

The beam A consists of eight parts, as follows—viz., The nut, marked *a*, the two screws, marked *b* and *c*, the wood part, marked *d*, the strap of metal on the outer edge, marked *e*, the strap of metal on the inner edge, marked *f*, the metal rod, marked *g*, and the prolongation of a metal part of the beam, marked *h*.

Instead of being partly of wood, the parts marked *d*, *e*, *f*, and *h* may be of one piece of metal, the other parts remaining as above described.

The tongue B is made of steel, having in it a notch to receive the prolongation *h*, which assists to lock it securely to beam A.

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

The mode of attaching the tongue B to the beam A by means of the rod *g* and nut *a*, arranged and combined in the manner set forth.

JOHN WILLIAMS.

Witnesses:

HARTLEY WILLIAMS,

THEODORE S. JOHNSON.