

F. VEAZIE.
TRY-SQUARES.

No. 182,620.

Patented Sept. 26, 1876.

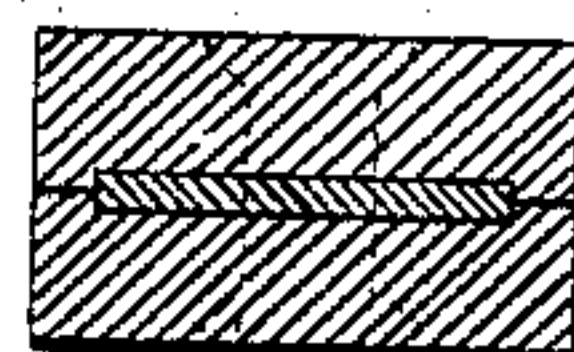
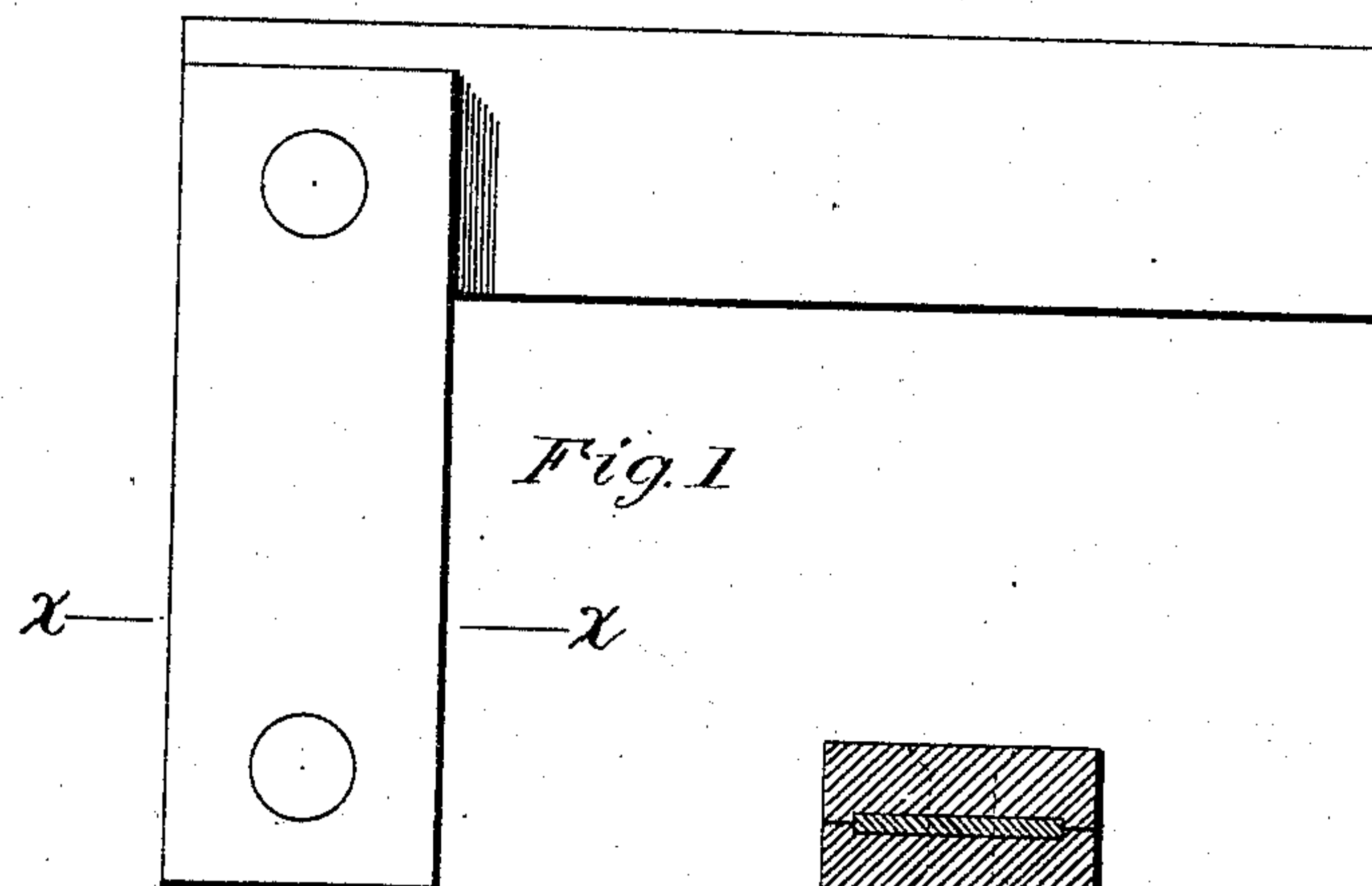
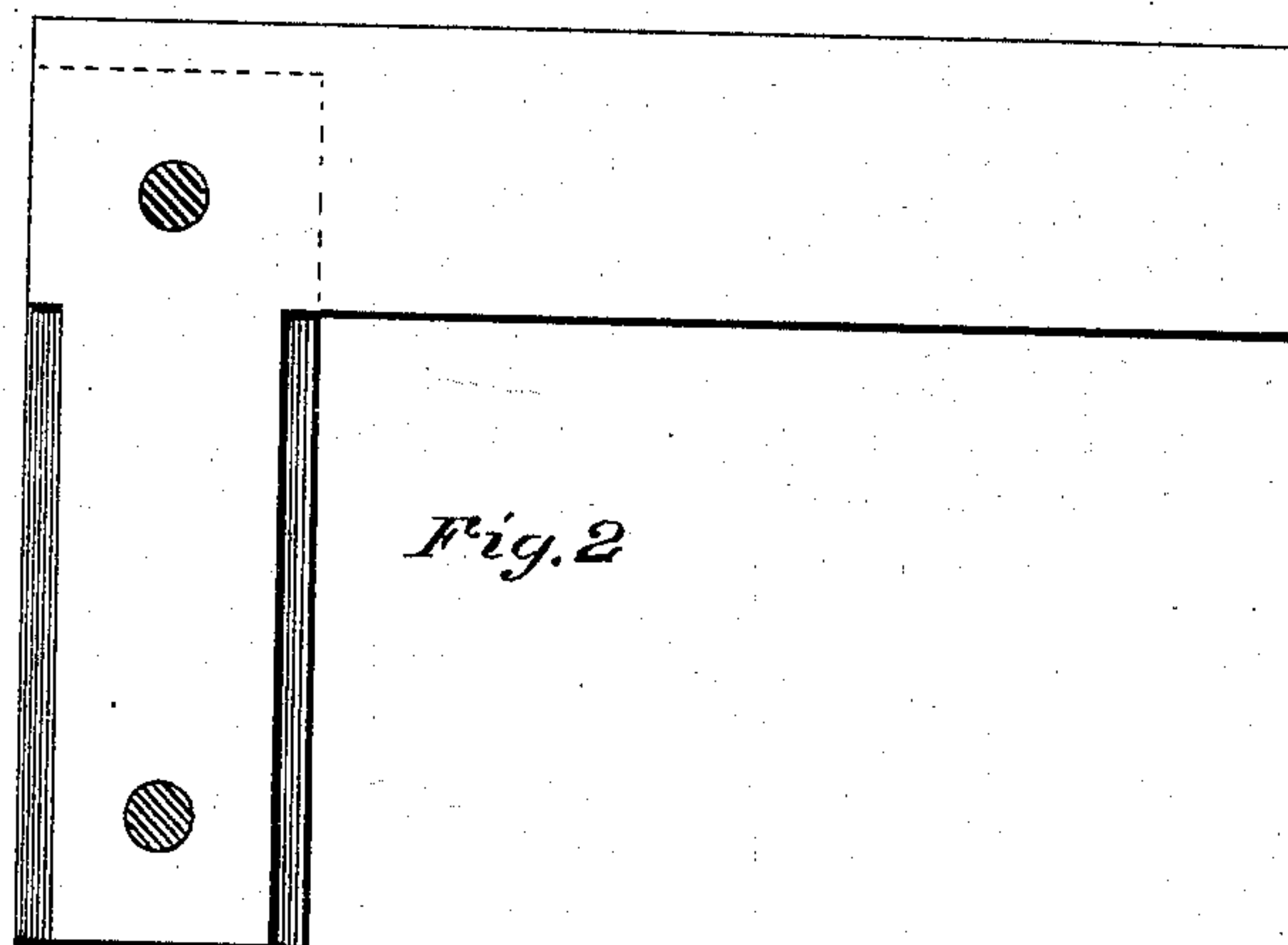


Fig. 3



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UNITED STATES PATENT OFFICE.

FREDERICK VEAZIE, OF WORCESTER, MASSACHUSETTS.

IMPROVEMENT IN TRY-SQUARES.

Specification forming part of Letters Patent No. **182,620**, dated September 26, 1876; application filed April 20, 1876.

To all whom it may concern:

Be it known that I, FREDERICK VEAZIE, of the city and county of Worcester and State of Massachusetts, have invented certain new and useful Improvements in the Construction of Squares, the following specification being a full description of my invention, reference being had to the annexed drawings—

Figure 1 being a plate view of a completed square. Fig. 2 is a view of the inside construction, one half of the beam being removed, and showing the form of making the blade and attaching it to the beam, the dotted lines being the outline of the beam beneath. Fig. 3 is a sectional view of the beam and tongue, or shank of the blade, as seen from the end of the beam, or from a section cut at the line drawn from *x* to *x* in Fig. 1, showing the manner of recessing the beam, and how the blade is fitted into the recess, whereby each piece ties the others, and the whole are held firmly in place.

In the construction of my square the blade is made of steel or other suitable material, with a shank at a right angle with the exposed part of the blade, (formed in the manner shown in Fig. 2,) the shank being fitted tightly into a recess made into each half of

the beam, the recess in each piece being the depth of half the thickness of the blade, or the recess may all be in one piece of the beam without departing from the principle of my invention. The beam may be made of steel or other suitable material adapted to the use of the tool, being made with a recess (as shown and described) into which the blade is fitted, when the whole may be riveted together, whereby, by this manner of construction, the liability of the square getting out of true is obviated, and accuracy and durability are secured, which adds greatly to the value of the square.

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

In a square, the combination of a blade provided with a shank at a right angle to the exposed part of the blade, with a beam recessed or grooved, the shank of the blade being fitted to said groove or recess, substantially in the manner and for the purpose specified.

FREDERICK VEAZIE.

Witnesses:

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