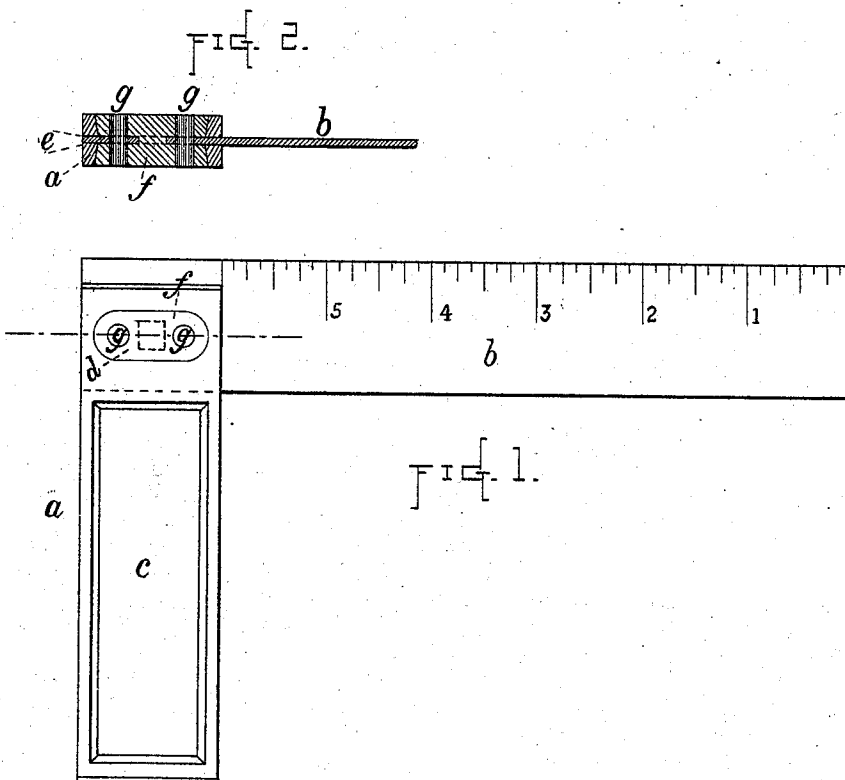


J. A. TRAUT.
Carpenters' Squares.

No. 151,254.

Patented May 26, 1874.



Witnesses
Geo. F. Stone
Jerome W. Bliss

Inventor
J. A. Traut

UNITED STATES PATENT OFFICE.

JUSTUS A. TRAUT, OF NEW BRITAIN, CONNECTICUT, ASSIGNOR TO THE
STANLEY RULE AND LEVEL COMPANY, OF SAME PLACE.

IMPROVEMENT IN CARPENTERS' SQUARES.

Specification forming part of Letters Patent No. **151,254**, dated May 26, 1874; application filed
June 28, 1873.

To all whom it may concern:

Be it known that I, JUSTUS A. TRAUT, of New Britain, county of Hartford and State of Connecticut, have invented certain new and useful Improvements in the Manufacture of Carpenters' Squares; and to enable others skilled in the art to make and use the same, I will proceed to describe, referring to the drawings, in which the same letters indicate like parts in each of the figures.

The nature of this improvement will be understood from the specification and drawings. The object is to produce a cheap and perfect square.

In the accompanying drawings, Figure 1 is a side view. Fig. 2 is an end section of the stock and portion of the blade cut through the holding or fastening composition and rivets.

a is the stock. *b* is the blade, having divisions or a measuring-scale marked thereon in the common way, with composition passage and rivet-orifices at one end. *c* are depressions formed in each side of the stock, for the purpose of reducing the weight of the metal. *d* is an elongated orifice formed across and

through the stock in relative position with the center of the blade *b*, and is formed flaring outward each way from the center. The sides and edges of this stock are milled or finished, so that its two edges shall be in true parallel lines. This stock is then clamped firmly, and subjected to the action of a cutting-tool, which forms a slit, *e*, in the edge, which will just receive the thickness of the blade, and so that when the blade is placed and clamped firmly against the bottom of said slit *e* it will be at right angle with the stock; then the molten metal or composition *f* is poured into the orifice *d* around the rivets *g*. After this the stock is finished in the usual way.

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

The try-square, substantially as herein shown and described, having the stock *a* and blade *b* united by the rivets *g* and composition *f*.

JUSTUS A. TRAUT. [L. S.]

Witnesses:

GEO. F. STONE,
JEREMY W. BLISS.