

A. MOORE.
SQUARES.

No. 171,947.

Patented Jan. 11, 1876.

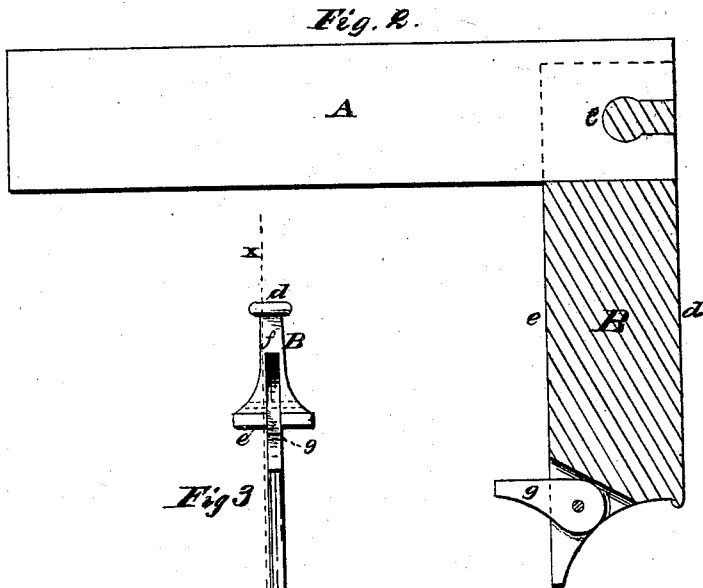
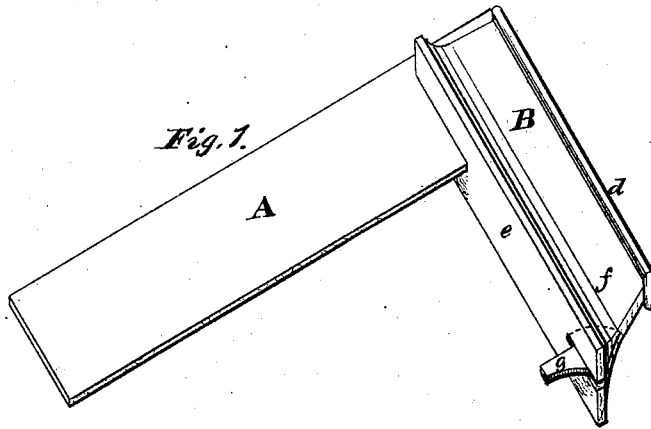


Fig. 3



W. L. Litcher }
E. H. Moore }
Witnesses.

Albert Moore Inventor.

UNITED STATES PATENT OFFICE.

ALBERT MOORE, OF NORTHVILLE, NEW YORK.

IMPROVEMENT IN SQUARES.

Specification forming part of Letters Patent No. **171,947**, dated January 11, 1876; application filed June 20, 1873.

To all whom it may concern:

Be it known that I, ALBERT MOORE, of Northville, in the county of Fulton and State of New York, have invented certain new and useful Improvements in Try-Squares, of which the following is a full, clear, and exact description, reference being had to the annexed drawing making a part of this specification, in which—

Figure 1 represents an isometrical view of my improved try-square. Fig. 2 is a sectional plan view of the same, taken through the line *xx* of Fig. 3, the latter being an end view.

My invention relates to the construction of try-squares; and it consists in the device as a whole when its parts are constructed and arranged as and for the purposes hereinafter set forth.

A is the bar or tongue, having the end which is united or secured to the haft B punched, or otherwise notched or roughened; for the purpose of permitting the molten metal of which the haft is composed to flow in and fix itself firmly thereto as it becomes cooled. The tongue may be notched, as represented at *c*, Fig. 2, or in any similar manner, to effect the desired object. The haft or stock B is cast from yellow brass, bronze, "composition," or any suitable metal, in appropriate molds, and in the general form shown, being depressed, concaved, or recessed longitudinally between the two edges *d* and *e*. Its outer edge, *d*, is made about one-half the width of the inner

trying face or edge, *e*, for convenience in handling. The web *f*, constituting the intervening space between the two edges, is made much thinner than either, in order to secure greater lightness, a cross-section of the haft presenting a similar appearance to that of the ordinary T-rail, the base of which, as shown in Fig. 3, represents the inner edge of the haft. The adjustable rest or stop *g*, closely fitting a slot formed in the rear end of the haft, and of uniform thickness with the tongue or blade, is designed to support the haft during the operation of lining or marking beside the edge of the tongue. This rest is pivoted to the haft, and can be readily turned aside when desired.

The advantages of this construction will be apparent upon examination. By uniting the tongue and haft to each other while in a fused or molten state a firm and rigid union is obtained, and the labor heretofore performed on the various parts composing the ordinary haft is greatly reduced.

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

The haft B, formed as shown and described, and provided with the stop or rest *g*, in combination with the tongue A, as and for the purpose specified.

ALBERT MOORE.

Witnesses:

J. W. LATCHER,
G. H. MOORE.