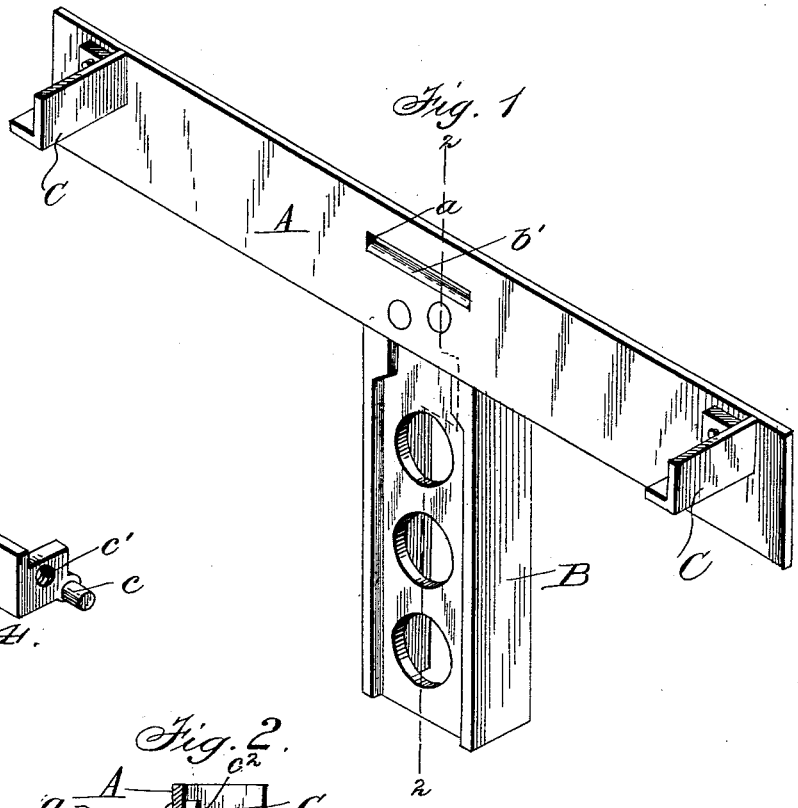
(No Model.)

R. E. POINDEXTER.

COMBINED WEATHER BOARDING AND TRY SQUARE.

No. 573,795. Patented Dec. 22, 1896.

Fig. 1



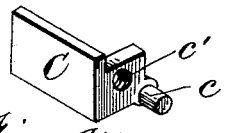


Fig. 4.

Fig. 2.

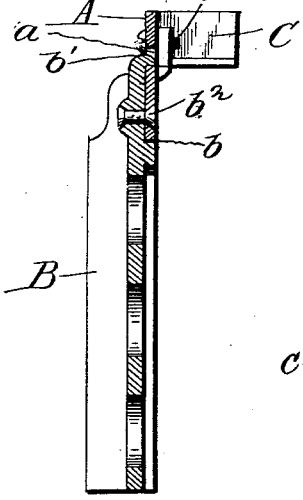
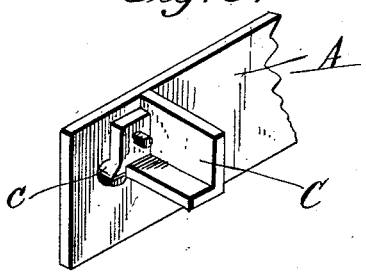


Fig. 3.



Witnesses
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UNITED STATES PATENT OFFICE.

ROBERT E. POINDEXTER, OF INDIANAPOLIS, INDIANA.

COMBINED WEATHER-BOARDING AND TRY SQUARE.

SPECIFICATION forming part of Letters Patent No. 573,795, dated December 22, 1896.

Application filed July 11, 1896. Serial No. 598,814. (No model.)

To all whom it may concern:

Be it known that I, ROBERT E. POINDEXTER, a citizen of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented certain new and useful Improvements in a Combined Weather-Boarding and Try Square; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My said invention consists in an improved construction of squares; and it relates particularly to a combined weather-boarding and try square, whereby a very efficient tool is provided at slight expense which is capable of all the functions of a try-square and a square for ordinary weather-boarding uses, as will be hereinafter more fully described and claimed.

Referring to the accompanying drawings, which are made a part hereof and on which similar letters of reference indicate similar parts, Figure 1 is a perspective view of such a tool fitted ready for use in weather-boarding; Fig. 2, a section on the dotted line 2 2 in Fig. 1; Fig. 3, a fragmentary perspective showing one end of the main part of the square with one of the arms used in weather-boarding attached, showing the form of said arm and the manner of attaching more clearly; and Fig. 4, a view of one of said arms separate, looking in another direction to still further illustrate its form.

In said drawings the portion marked A represents the main part of the square or straight-edge, B the handle, and C the arms.

The part A is preferably of steel, scrap steel, such as is ordinarily thrown away at saw-factories, being suitable, as many of such "scraps" are of ample size to cut into the required form. It is of a length which will enable the arms C to be placed thereon a distance apart greater than the width of the weather-boards with which it is to be used, so that they may easily "straddle" said weather-boards when in use. It is formed with a long narrow slot *a* near its center, and rivet-holes beneath it for the attachment of the handle, and suitably-arranged perforations near each end for the attachment of the arms.

The handle B is preferably a light casting of malleable metal formed with a recess in its top terminating in a square shoulder *b*, on which the lower edge of the part A rests at its center. The extreme upper end is formed into a lip *b'*, which is adapted to engage with the slot *a* of said part A, extending through flush with its back face only.

The arms C are each formed of a length somewhat greater than the thickness of the weather-boards, so that they will reach beyond their rear sides and contact with the casings, when being used. They may be cast in the form of angle-iron, as shown, or in any form preferred, being provided with a square base to rest against the part A, and a straight-edge which will be arranged in the same plane with the edge of said part A. Each has a lug *c*, formed on one corner of its base, and a screw-threaded perforation *c'* in the corner diagonally opposite. The perforations in the part A for the attaching devices are correspondingly arranged, and the lugs *c* are inserted through one perforation and a screw c^2 through the other into the perforation *c'* and drawn up tightly, thus securing each arm firmly in place, their top edges being in the same plane with the outer edge of the part A, as before stated.

In use for weather-boarding the square is placed with its rear face against the board, the arms C extending back on each side of it, and is pushed forward until said arms strike the casing and each rests firmly against it, when the edge is in position to indicate the line on which said board should be cut to fit against said casing, which may be indicated by means of a scriber or pencil in the usual manner. When it is desired to use the square as an ordinary try-square, the arms C may be removed by simply withdrawing the screws c^2, leaving the tool unencumbered thereby, or it may be used for such purposes with the arms in place, as shown, if preferred.

A very convenient and useful tool is thus provided at a comparatively small cost. The handle and part A are fitted and secured together with very little labor and expense. The shoulder *b* being cast perfectly square requires very little dressing to furnish a true seat to which the part A can be quickly and securely riveted, as shown. The lip *b'* being

malleable is then bent down against the lower side of the slot *a* by means of a punch or similar tool until said part A is forced firmly onto said shoulder at both its ends. By this means, as will be seen, should the riveting cause one side or the other to be lifted off the shoulder and thus throw the parts out of square, it can be readily drawn down to place again by forcing down the part of the lip required, thus insuring that it shall be perfectly square and very firmly and perfectly secured.

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

1. A try-square consisting of the part A, and handle B, secured together a malleable lip being formed on the end of said handle which projects into a slot in said part A, and is there bent down to clamp said part firmly onto a shoulder formed near the end of said handle, substantially as set forth.

2. A combined weather-boarding and try square consisting of a straight-edge part having arms near each end with their edges in the same plane and extending in a transverse direction, and a handle secured to its center formed with a square shoulder near its end and a malleable lip at its end, rivets extending through said parts, and said lip extended into a slot in said straight-edge part and bent down to clamp it tightly to said shoulder in said handle, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

ROBERT E. POINDEXTER.

Witnesses:

GEORGE R. BARBOUR,

J. E. NEIGHBOR.