

L. SHIREMAN.
CARPENTER'S GAGE.
APPLICATION FILED OCT. 18, 1901.

NO MODEL.

Fig. 1.

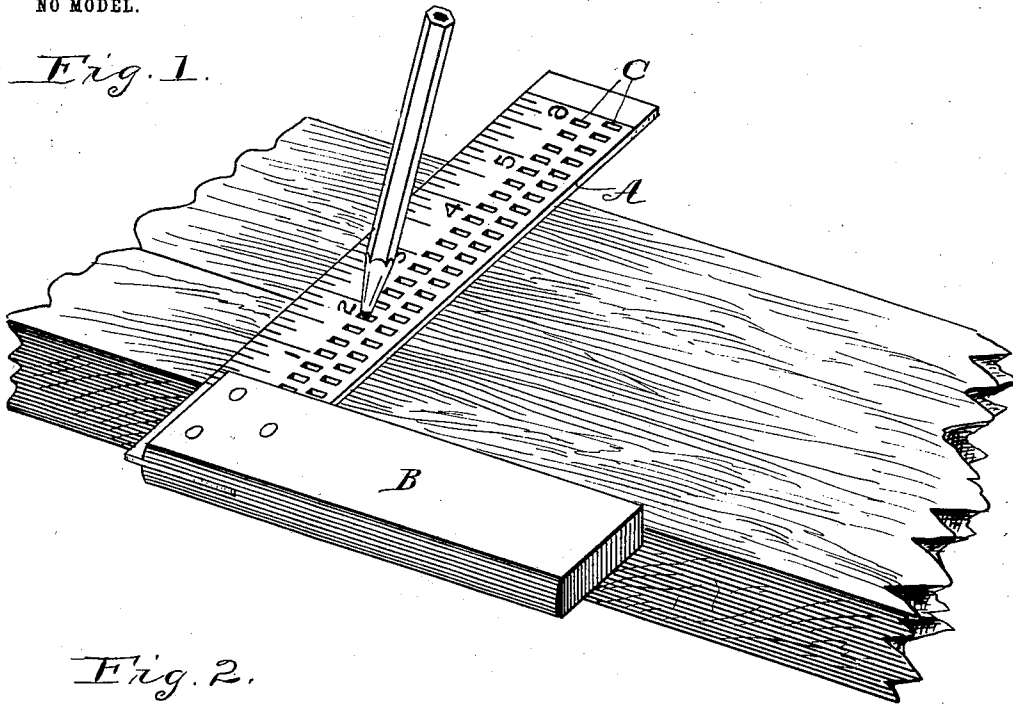


Fig. 2.

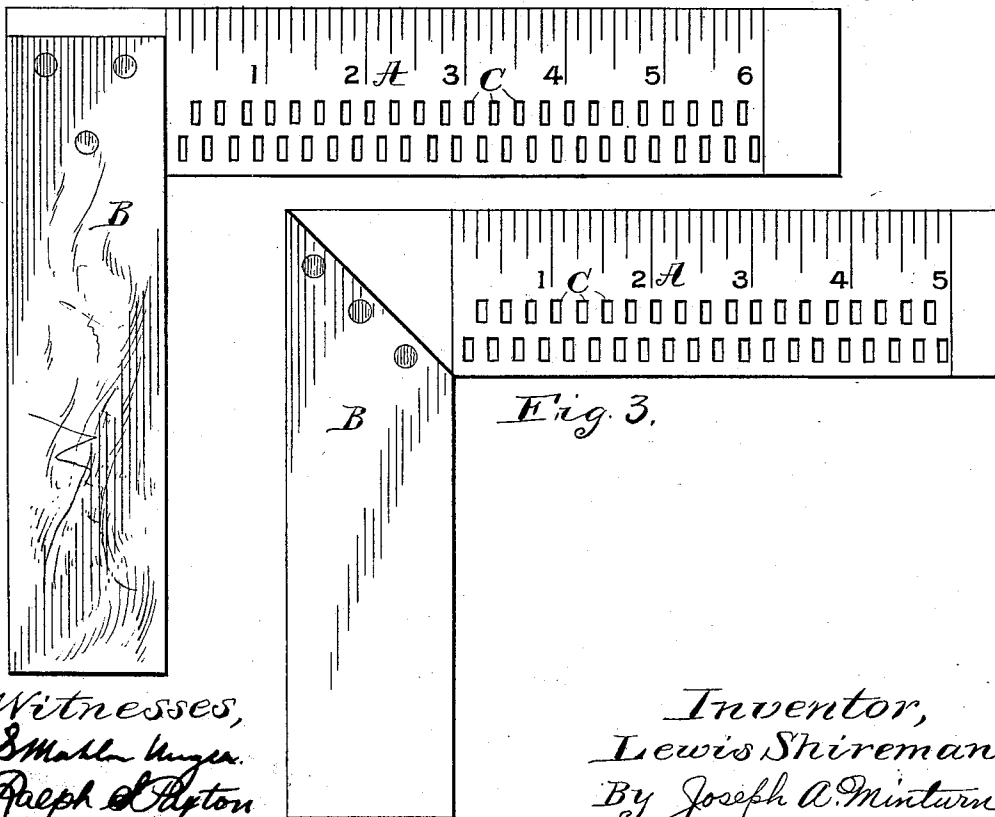


Fig. 3.

Witnesses,
S. Mahler
Ralph Clayton

Inventor,
Lewis Shireman
By Joseph A. Minturn,
Attorney.

UNITED STATES PATENT OFFICE.

LEWIS SHIREMAN, OF MARTINSVILLE, INDIANA.

CARPENTER'S GAGE.

SPECIFICATION forming part of Letters Patent No. 732,379, dated June 30, 1903.

Application filed October 18, 1901. Serial No. 79,113. (No model.)

To all whom it may concern:

Be it known that I, LEWIS SHIREMAN, a citizen of the United States, residing at Martinsville, in the county of Morgan and State of Indiana, have invented certain new and useful Improvements in Carpenters' Gages, of which the following is a specification.

This invention relates to improvements in carpenters' try-squares and gages.

With the squares and gages in common use when it has been desired to mark off a plank—as, for example, to make a pencil-mark longitudinally of it to guide the saw in ripping a strip therefrom—it has been necessary to hold the rule or square in one hand and the pencil in the other and guide the marking by bearing with the finger against the edge of the plank. This while not being accurate subjected the finger to danger of laceration from splinters and other injury by rubbing contact with the rough plank.

The object of this invention is to provide simple and effective means for holding the marking-point of a pencil at any desired and predetermined position of the tool during the marking operation and without exposing the operator's hands or fingers to injury.

I accomplish the objects of the invention by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of my invention in operative position; Fig. 2, a plan view of a try-square with my improvements supplied thereto, and Fig. 3 a like view of a similar tool differing only in having a forty-five-degree bevel of the handle where it joins the blade.

Like letters of reference indicate like parts throughout the several views of the drawings.

A represents the blade of the square, and B the handle, both of which are of usual and well-known construction except as to such differences as will be hereinafter specially pointed out.

The blade A will preferably be graduated into inches or other units of measurement and fractional parts thereof, and for convenience the inches will be numbered from the

handle out, as shown. The blade will be of any desired length and of sufficient width to permit of the perforations C, which are preferably rectangular in shape, arranged transversely of the blade, with the inner edge of the rectangle alined with one of the graduations of the scale on the blade. Through these openings the pencil-point is inserted in the manner shown in Fig. 1—that is, the pencil-point is inserted in the one of the openings which is alined with the graduation of the scale indicating the width of the strip to be marked off.

The marking is done by placing the handle of the square against the edge of the plank and drawing it from one end of the plank to the other with the pencil contacting through the proper hole in the blade with the plank.

The openings will generally be in more than one row in order to prevent weakening the blade, as would occur by placing them all in a single row.

The blade will preferably be graduated on both sides in the usual manner.

It is not desired to limit the invention to the rectangular-shaped openings, as obviously other shapes could be used in a practical way.

I am aware of the patent to Farnam, No. 171,927, issued January 11, 1876, and do not claim the construction there shown.

Having thus fully described my invention, what I claim as new, and wish to secure by Letters Patent of the United States, is—

In a tool of the kind specified, a blade having a graduated scale and rectangular perforations in a plurality of rows, the perforations of one row being staggered with relation to those of the next and each perforation having a side alined with one of said graduations.

In witness whereof I have hereunto set my hand and seal, at Indianapolis, Indiana, this 28th day of September, A. D. 1901.

LEWIS SHIREMAN. [L. S.]

Witnesses:

J. A. MINTURN,
S. MAHLON UNGER.