

J. C. RORICK.  
BEVEL-RULE.

No. 192,017.

Patented June 12, 1877.

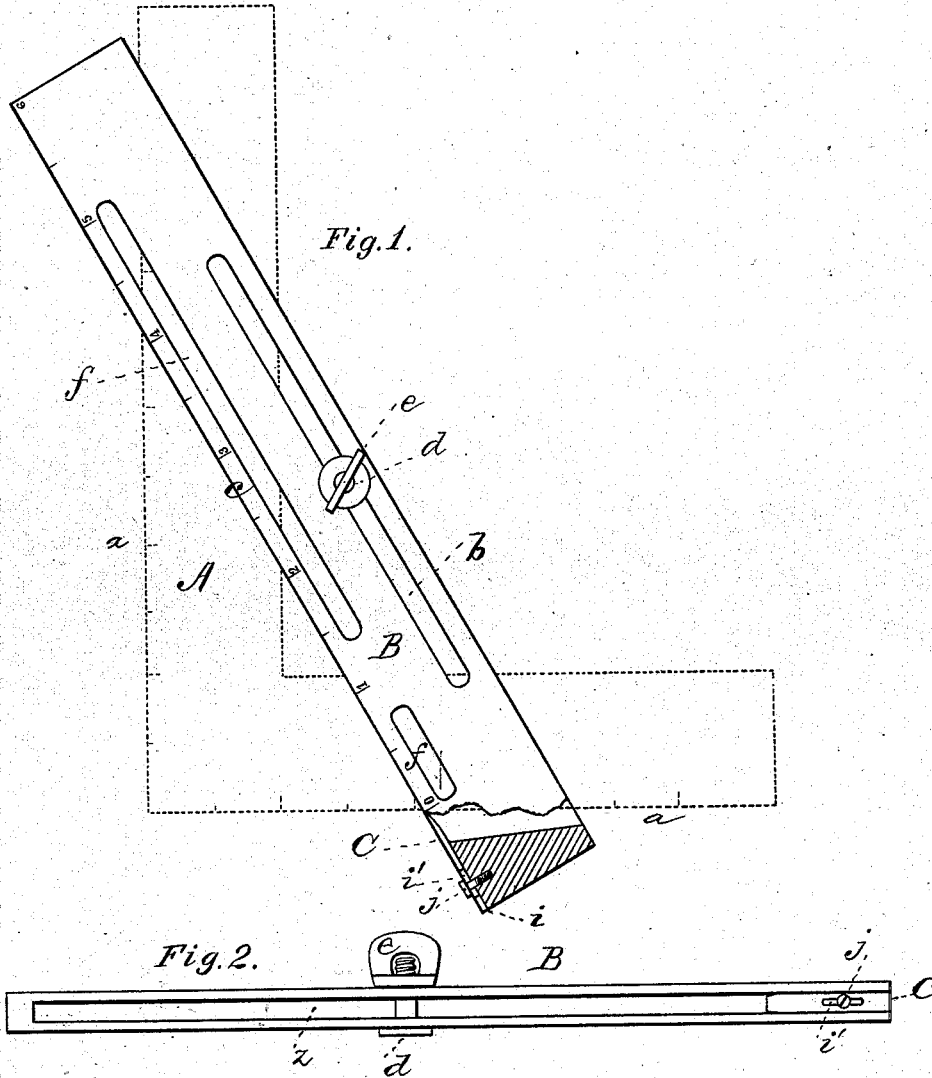


Fig. 3.

WITNESSES  
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# UNITED STATES PATENT OFFICE

JOHN C. RORICK, OF WAUSEON, OHIO.

## IMPROVEMENT IN BEVEL-RULES.

Specification forming part of Letters Patent No. **192,017**, dated June 12, 1877; application filed March 24, 1877.

### To all whom it may concern:

Be it known that I, JOHN C. RORICK, of Wauseon, in the county of Fulton and State of Ohio, have invented a new and valuable Improvement in Bevel-Rules; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a top view of my improved "try-square" slide, and Fig. 2 is an edge view thereof.

This invention has relation to improvements in bevel-squares for carpentry or joiner work.

The nature of my invention consists in a slide for a carpenter's try-square, having a longitudinal slot extending from edge to edge, an oblong view slot or slots, through which the scales on the try-square may be readily inspected, and outside of said slot or slots another slot for the reception of a clamp-screw, whereby the slide is adjusted on the square.

It also consists in a "pointer" that is adjustably secured to one end of the slide, and bears upon one of the edges of the square adjacent to its scaled or graduated face, whereby the slide may be readily adjusted with its bearing at the proper mark of the said scale, and, when worn off, speedily readjusted, all as will be hereinafter more fully explained.

In the accompanying drawings, the letter A designates an ordinary try-square, having upon its outer edges the usual graduated scales *a*, and B a metallic slide, slotted through from edge to edge for the reception of the said square, as shown at *z*. Slide B is provided with a longitudinal slot, *b*, upon its edge farthest from its graduated edge *c*, through which a headed bolt, *d*, is passed from below, and the said slide is adjustably clamped in position upon the square by a thumb nut, *e*, tapped upon the screw-threaded end of bolt *d* aforesaid.

To these features I make no broad claim.

It has been found in bevel-squares constructed as above described that to accurately adjust the slide is very difficult, because the edge of the slide covers the marks and fig-

ures upon the square, and thereby only allows an approximate adjustment to be attained.

This defect I remedy effectually by cutting a narrow slot, *f*, through one of the walls of the slide, through which the figures on both arms of the square may be readily seen, and the adjustment of the slide be thus attained with absolute accuracy.

In lieu of this single slot I may use two, as shown at *f'*, one near each end of the slide, through each of which the figures upon one of the arms of the square may be clearly seen, and thus attain perfectly accurate adjustment.

C represents a metallic finger or pointer that is dovetailed in cross-section, and is passed into a recess, *i*, formed in the edge of the slide near one end thereof. This finger has a longitudinal slot, *i'*, formed in it, through which an adjusting-screw, *j*, is passed, and screwed into the slide, thereby holding the said finger, whose inner end bears upon the edge of the square adjacent to the graduated side thereof, rigidly to its adjustment.

In the bevel-squares of this description heretofore used the unprotected edge of the slide, from being frequently pressed against the edge of the square, is rapidly worn away, and becomes blunted, so that the attainment of the desired adjustment of the said slide was rendered very difficult.

The finger C, being of thin metal, and adjustable, effectually remedies this defect, and enables the workman to lay off bevels with absolute certainty.

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

1. The slide for a bevel-square, having an oblong view slot or slots, a clamp and clamp-slot, and a longitudinal slot for a try-square, substantially as specified.

2. A slide for a try-square, having a removable adjustable finger, C, substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

JOHN C. RORICK.

Witnesses:

JOHN RICHARDS,  
W. C. KELLEY.