

find it quite handy for all kinds of work where timber is employed." The description sent is as follows: The body of the square has two tongues arranged upon it at right angles. Three bars are so secured to the tongues that by loosening set-screws at the ends they may be placed at any points desired, the bolts sliding in slots cut in the tongues. One of these bars has a slot cut in it the greater part of its length, on which two gauge blocks are secured by thumb-screws, and by which they may be slid back and forth and adjusted in any position desired. To the body of the tool, on one side, is secured a gauge, also capable of adjustment by means of screws. A bar, which is secured to one of the tongues and to the slotted cross-bar, is used in framing roof timbers and the like where diagonals are to be cut.

It will be impossible to explain all the ways in which the tool may be used. In laying out mortises and tenons on timber, the gauge on one side is placed so that the inner edge of the body of the square will come at the outer edge of the mortise and there secured. A bar is then adjusted so that the space between it and the body will be the width of the mortise. For single work this is all that is necessary for mark-