Nov. 13, 1956 R. H. KANE 2,770,271

CARPENTER'S BOARD HOLDING BRACKET

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Fig. 1

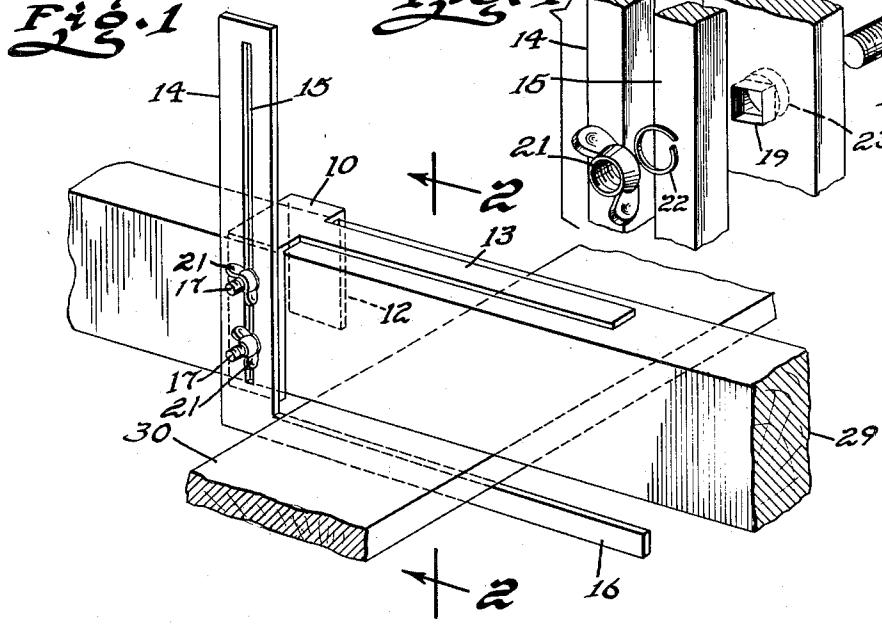


Fig. 4

Fig. 2

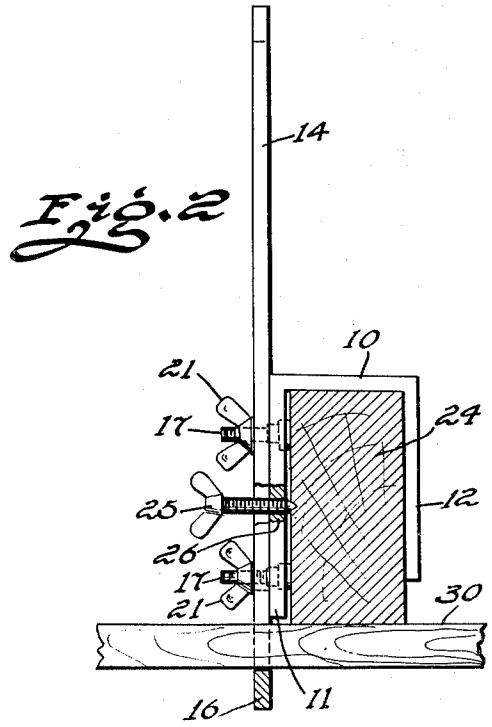
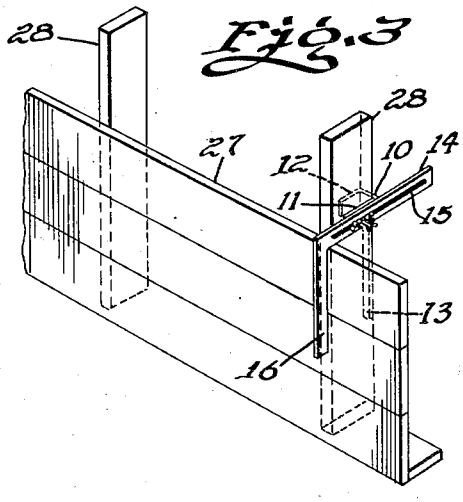


Fig. 3



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CARPENTER'S BOARD HOLDING BRACKET

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2 Claims. (Cl. 144—297)

This invention relates to tools used primarily by carpenters, and in particular a bracket having a U-shaped base adapted to be positioned over a joist and a finger adjustably mounted on the base and positioned to hold a board in nailing position against the joist.

The purpose of this invention is to facilitate nailing sheathing to wall studding and ceiling joists, particularly with one man working alone wherein one end of a board is held by the bracket as the opposite end is nailed in place.

Nailing sheathing to wall studding and ceiling joists requires considerable time because it is difficult to hold the sheathing in position as the first nails are started into a board, and in numerous instances this is even difficult with one carpenter holding one end as another nails the opposite end. With this thought in mind, this invention contemplates a bracket adapted to be readily clamped to studding, joists, and the like, with which one end of a board is positively held in position as the other end is nailed.

The object of this invention is, therefore, to provide a bracket that may readily be positioned on a joist or stud wherein a U-shaped holder is provided so that a board is held on both sides or definitely supported on a horizontally disposed arm whereby an end opposite to the end being held by the bracket may be accurately positioned and positively nailed in place.

Another object of the invention is to provide a board retaining bracket that is adapted to be used on conventional studding and joists and that is readily adjustable to joists and studding of different sizes.

A further object of the invention is to provide a board retaining bracket particularly adapted for retaining sheathing in position as it is nailed to studding and joists in which the bracket is of a simple and economical construction.

With these and other objects and advantages in view, the invention embodies a bracket having a U-shape base with an elongated finger extended from one side of the base and an L-shape support having an elongated slot in a base thereof with a finger extended from one end of the base and in which the support is secured to the U-shape base with studs having thumb nuts thereon.

Other features and advantages of the invention will appear from the following description taken in connection with the drawing, wherein:

Figure 1 is a perspective view illustrating the use of the board retaining bracket showing the bracket positioned on a ceiling joist and also showing a board adapted to provide sheathing for a ceiling resting on a finger of the bracket.

Figure 2 is a cross section through the bracket taken on line 2—2 of Figure 1 with the parts shown on an enlarged scale.

Figure 3 is a perspective view illustrating the use of the bracket for holding sheathing against wall studding.

Figure 4 is a detail showing an exploded view illustrating one of the studs and thumb nuts for clamping the support in adjusted positions on the U-shape base.

Referring now to the drawing wherein like reference characters denote corresponding parts, the improved board holding bracket of this invention includes a U-shape base **10** having arms **11** and **12** extended downwardly from the ends thereof and having a finger **13** extended from one side, and an L-shape support having a base **14** with an elongated slot **15** therein and having a finger **16** extended from one end.

The support is adjustably mounted on the arm **11** of the U-shape base **10** with threaded studs **17** having square shanks **18** adapted to be positioned in correspondingly shaped openings **19** in the arm **11** and having heads **20** positioned at the ends of the shanks, and the studs are held in position with the threaded ends **17** extended through the slot **15** of the base **14** with thumb or wing nuts **21** and lock washers **22**. The studs are positioned with the square shanks in the portions **19** of the openings and the heads **20**, which are positioned in counter-bores or annular recesses **23** are adapted to extend beyond the surface of the arm **11**, as shown in Figure 2, whereby the heads **20** of the studs **17** bear against the surface of a joist or stud, as indicated by the numeral **24**.

The bracket may also be retained in adjusted positions with a thumb screw **25** which extends through the slot **15** and which is threaded in an opening **26** in the arm **11** of the U-shape portion or base of the bracket.

With the parts designed and assembled as shown and described, a carpenter places the U-shaped base **10** against the far side of a stud, as illustrated in Figure 3, with the finger **16** extended downwardly and with a board, such as the board **27**, positioned against studding **28**, the opposite end of the board may be nailed to the studding without danger of the end held by the bracket, as illustrated in Figure 3, slipping from the board below.

In the design shown in Figure 1 the U-shape base of the clamp is positioned over a ceiling joist, such as the joist **29**, and with the parts in this position the finger **13** rests upon the upper surface of the joist with the finger **16** extended below the joist, a distance substantially equal to the thickness of a board, such as the board **30**. With the sheathing board held in this manner the board may be nailed at the opposite end and throughout the intermediate porition thereof to the joist with the bracket retaining the board in position.

It will be understood that although the bracket is illustrated as being particularly adapted for holding sheathing against wall studding and ceiling joists it is also adapted for use for various other purposes.

It will be understood that modifications, within the scope of the appended claims, may be made in the design and arrangement of the parts without departing from the spirit of the invention.

What is claimed is:

1. A board holding bracket comprising a U-shaped base having arms extended from a connecting element, said element having an elongated finger extended from one side edge thereof in a direction at right angles to that of said arms, an L-shape support having a base with an elongated slot therein, stud bolts with thumb nuts thereon mounted in one of the arms of the base and extended through the slot in the base of the support and a thumb screw threaded through the arm of the base in which the studs are positioned and extended through the slot in the base of the L-shape support for retaining the bracket in position on a joist.

2. In a board retaining bracket, the combination which comprises a U-shaped base having parallel arms extended from ends of the connecting member and having an elongated finger extended from one side edge of the connecting member in a direction at right angles to that of said arms, and an L-shape support having a base with an elongated slot therein, threaded studs mounted in one

arm of the U-shape base and extended through the slot in the base of the L-shape support, and wing nuts threaded on said studs.

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