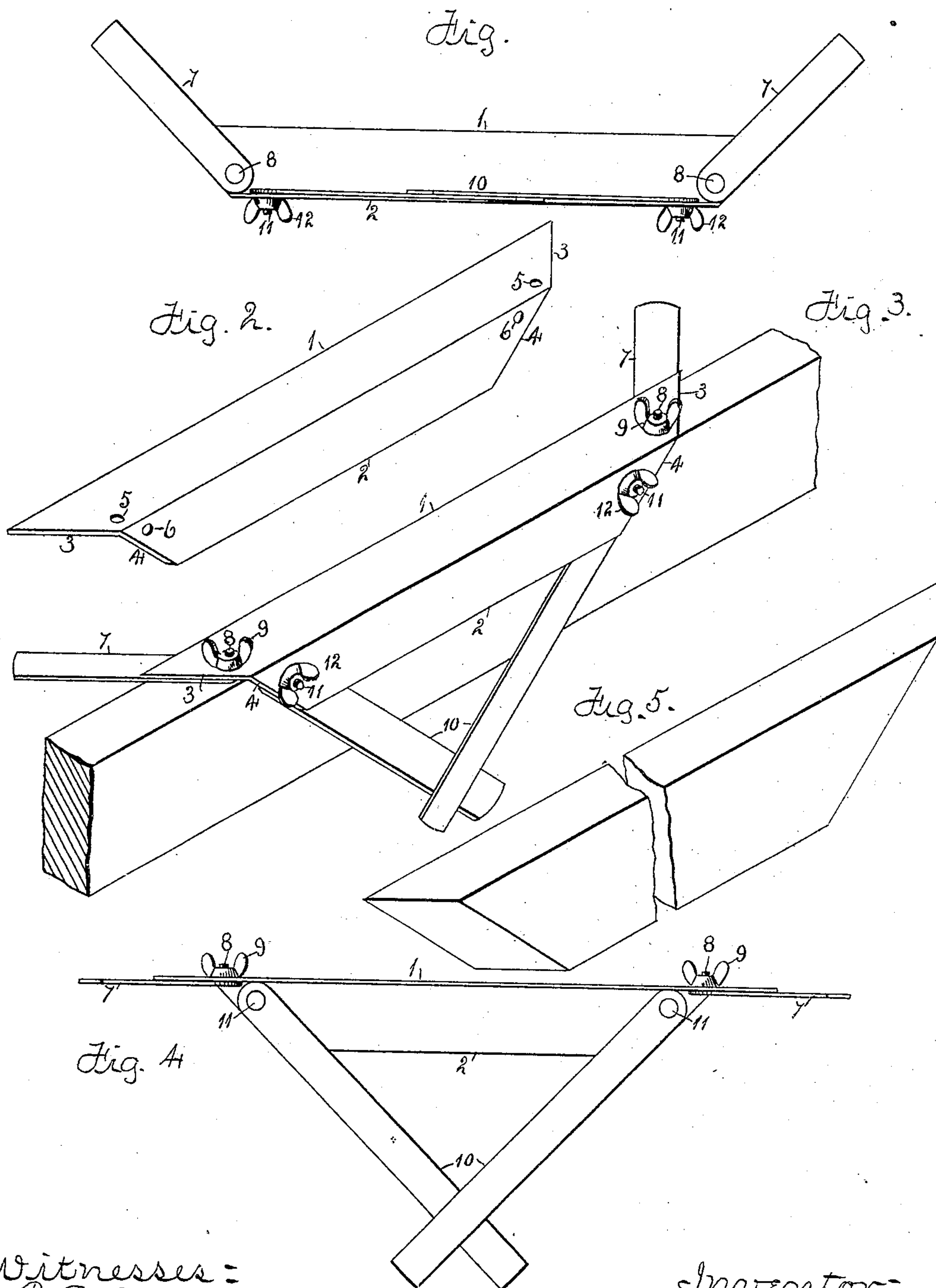


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JACK RAFTER BEVEL.  
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938,704.

Patented Nov. 2, 1909.



Witnesses:  
B. B. Cox.  
E. Behel.

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Atty.

# UNITED STATES PATENT OFFICE.

CASPER F. REUM, OF ROCKFORD, ILLINOIS.

JACK-RAFTER BEVEL.

38,704.

Specification of Letters Patent.

Patented Nov. 2, 1909.

Application filed December 21, 1908. Serial No. 468,668.

*To all whom it may concern:*

Be it known that I, CASPER F. REUM, a citizen of the United States, residing at Rockford, in the county of Winnebago and State of Illinois, have invented certain new and useful Improvements in Jack-Rafter Bevels, of which the following is a specification.

The object of this invention is to construct a bevel for marking the cuts to be made on jack rafters to fit the valley or hip rafter, and is made double ended so as to mark the jack rafters for both sides of the valley or hip rafters.

In the accompanying drawings. Figure 1 is an innerface view of the bevel showing the outstretch of the arms for marking the edge of a jack rafter. Fig. 2 is a perspective view of the angle support for the arms. Fig. 3 is a perspective view of the bevel complete in its connection with a jack rafter. Fig. 4 is an innerface view of the bevel showing the outstretch of the arms for marking the side of a jack rafter. Fig. 5 is an isometrical representation of a jack rafter showing the cuts at its ends.

My improved bevel comprises the angle support composed of the two sections 1 and 2 arranged at right angles to one another, and have their ends 3 and 4 respectively cut at an angle of forty-five degrees, and the ends are formed with perforations 5 and 6 respectively.

To the innerface of the section 1 at the ends thereof are adjustably secured bars 7 by the bolts 8 passing through the perforations 5 and through perforations in the bars, and receiving thumb nuts 9 on their projecting ends.

To the inner face of the section 2 at the

ends thereof are adjustably secured bars 10 by the bolts 11 passing through the perforations 6 and through perforations in the bars and receiving thumb nuts 12 on their projecting ends.

The arms 7 and 10 are each free of one another so that each can be adjusted independently of the other and clamped in position.

A jack rafter is first laid out and the pair of arms at one end of the angle support are adjusted to the markings and clamped in position. The pair of arms at the other end of the angle support are adjusted to markings previously made for the end of a jack rafter to fit the other side of the valley or hip rafter after which the arms are clamped in position, when the parts will appear as shown in Fig. 3. The angle support being made of sheet material will hold the bars pivoted at its ends a given distance apart and when the bars are clamped to the structure will be rigid and always ready for use. As the bars are separately pivoted to the angle support they may be adjusted to any angle within their range, and when not in use may be folded together so that the bevel as a whole will occupy little space.

I claim as my invention.

A jack rafter bevel comprising a support having sections at right angles to one another and having their ends beveled, and an arm pivoted to each end of each section and located on the inner faces of the sections.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

CASPER F. REUM.

Witnesses:

A. O. BEHEL,  
E. D. E. N. BEHEL.