Nov. 23, 1943. R. OLSEN 2,334,836

STAGING BOARD

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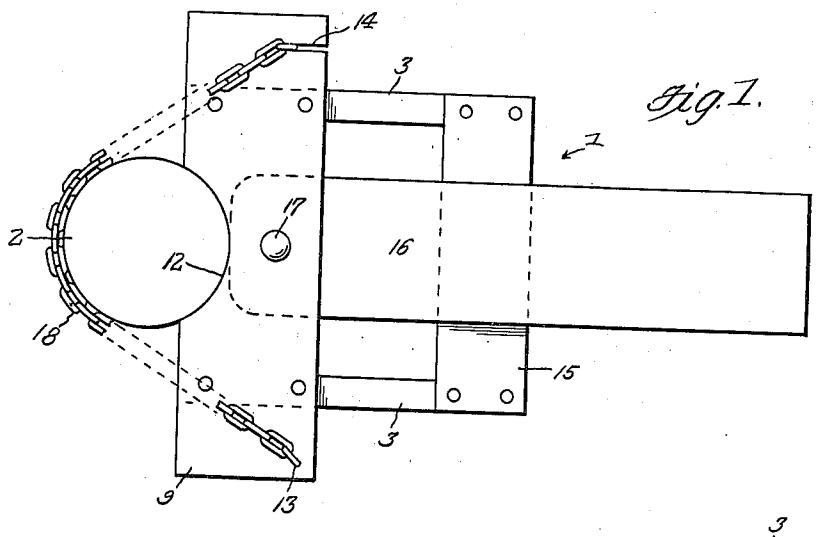


Fig. 1.

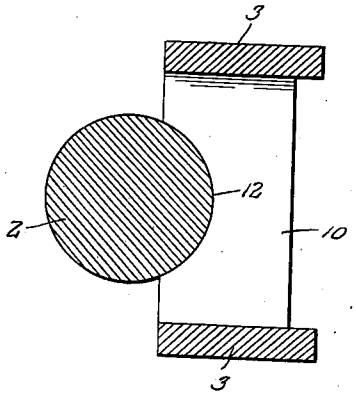
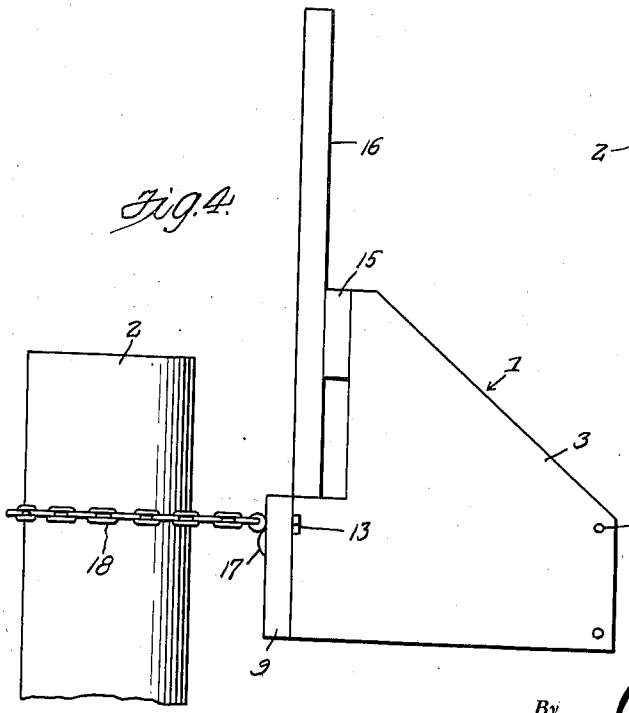


Fig. 5.

Fig. 4.



Inventor
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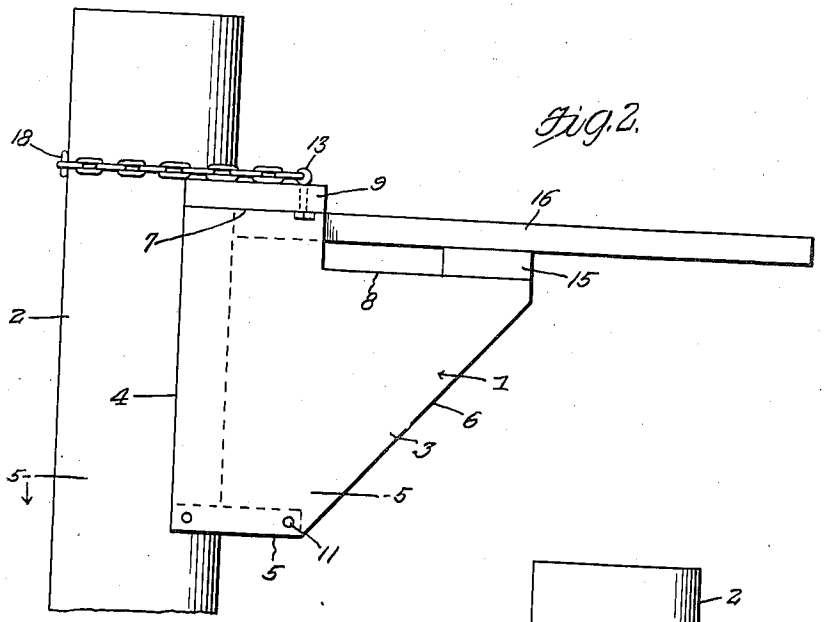
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STAGING BOARD

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Fig. 2.



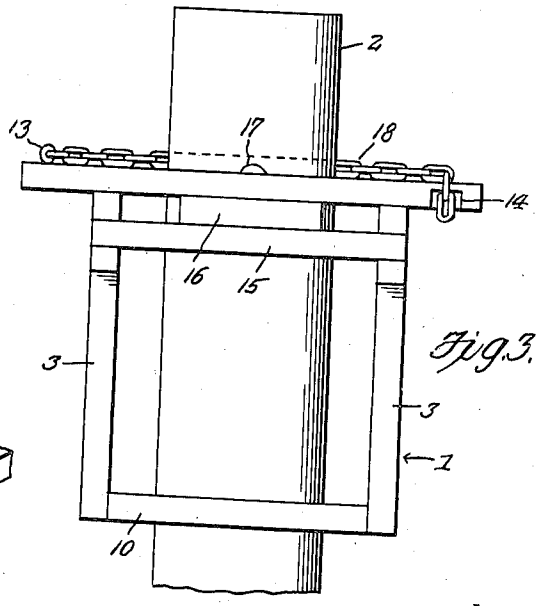
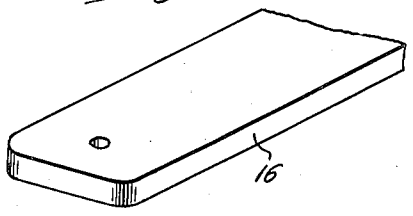


Fig. 3.

Fig. 6.



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Patented Nov. 23, 1943 2,334,836

UNITED STATES PATENT OFFICE

2,334,836

STAGING BOARD

Reuben Olsen, Chinook, Wash.

Application April 27, 1943, Serial No. 484,771

1 Claim. (Cl. 304—28)

My invention relates to improvements in staging boards, the principal object in view being to provide a simply constructed device for easily and quickly attaching a plank to a pile, pole, or similar upright, to extend laterally therefrom and provide a safe support for workmen, and which provides for swinging of the plank horizontally relative to the upright and is adjustable bodily around the upright to arrange the plank in different angular positions around the same.

Other and subordinate objects are also comprehended by my invention, all of which, together with the precise nature of my improvements, will be readily understood when the succeeding description and claim are read with reference to the drawings accompanying and forming part of this specification.

In said drawings;

Figure 1 is a view and plan of my improved staging board in its preferred embodiment,

Figure 2 is a view in side elevation,

Figure 3 is a view in front elevation,

Figure 4 is a view in side elevation illustrating the manner in which the staging board is attached to a pile,

Figure 5 is a view in horizontal section taken on the line 5—5 of Figure 2, and

Figure 6 is a fragmentary view in perspective of the plank.

Referring to the drawings by numerals, my improved staging board comprises, in the illustrated embodiment thereof, a yoke 1 for attachment to a pile 2, or the like, and including a pair of opposed, substantially V-shaped, side members 3, adapted when the yoke is attached to assume upright position. Each side member 3 has a rear vertical straight edge 4, a bottom horizontal straight edge 5, a front edge 6 inclining forwardly and upwardly from the bottom edge, and a stepped horizontal top edge presenting a high portion 7 of the same length as that of the bottom edge 4, and stepped down forwardly of the high portion as at 8.

A pair of upper and lower, flat panels 9, 10 extend crosswise horizontally between the high portion 7 and the bottom edge 4, respectively, and are suitably secured to the side members to connect the same together, for instance as represented at 11. The panels 9, 10 are each provided with a central rear edge arcuate notch, or cut out, 12, designed to fit part way around the pile 2 and thereby prevent the yoke from tilting laterally.

The upper panel 9 extends beyond the side members 3, and is provided adjacent one end with an eye bolt 13 and adjacent the other end thereof with a front edge notch 14 for a purpose presently described.

A front flat panel 15 extends across the stepped down portions 11 of the top edges of the members 3 at the front of said members, and is suitably secured thereto, whereby, as will be seen, said panel 15 is spaced below the upper panel 9 and well forwardly of the same.

A staging plank 16 is pivoted at one end by a bolt 17 to the upper panel 9 in the transverse center of said panel, with said end underlying the panel, the plank extending forwardly over the panel 15 and resting thereon, whereby said plank may be swung from side to side on said yoke and over the plank 15 and be supported by the panel 15 in any position in which it may be swung.

A chain 18 is preferably utilized for attaching the described yoke 1 to the pile 2, one end of the chain being attached to the eye bolt 13 so that the chain may be extended around the pile 2 and a selected link inserted in the slot 14 with the chain overlying the panel 9 as shown.

In attaching the yoke 1 to a pile 2, or other rounded upright, the chain 18 is first extended around the pile 2, and anchored in the notch 14 with the yoke 1 held so that the plank 16 is upright and as illustrated in Figure 4. The yoke 1 may then be swung down on the chain against the pile 2 to engage the notches 12 with the pile. When thus attached, the yoke is suspended from the pile and frictionally interlocked therewith.

The foregoing will, it is believed, suffice to impart a clear understanding of my invention without further explanation.

Manifestly, the invention, as described, is susceptible of modification without departing from the inventive concept, and right is herein reserved to such modifications as fall within the scope of the appended claim.

What I claim is:

In a device of the class described, a yoke to be opposed to a rounded upright comprising spaced apart side members, a pair of upper and lower rear cross members connecting said side members and adapted to be opposed to said upright, said members each having a center edge notch therein adapted to fit part way around the upright to prevent the yoke from tilting laterally, a front upper cross member connecting the side members and a staging plank having a rear end pivoted to the upper rear cross member and underlying the same said plank extending forwardly over the front cross member and resting thereon, and means to suspend the yoke on the upright, said means comprising a flexible element for training around said upright said element being attached at one end to one end of the upper cross member and having its opposite end detachably attached to the other end of said cross member.

REUBEN OLSEN.