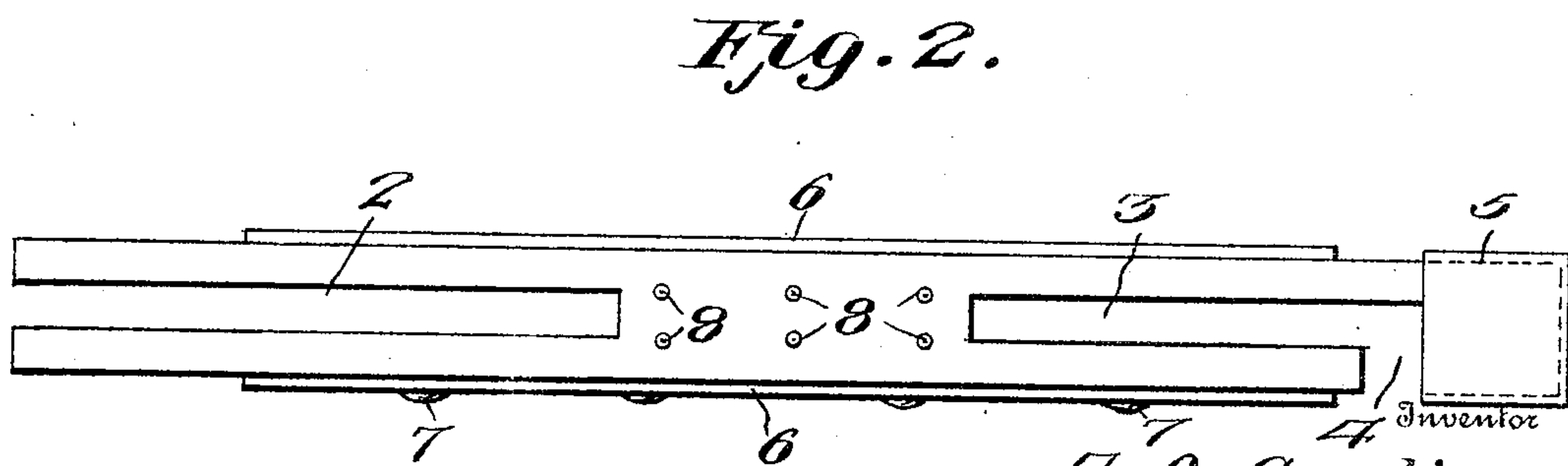
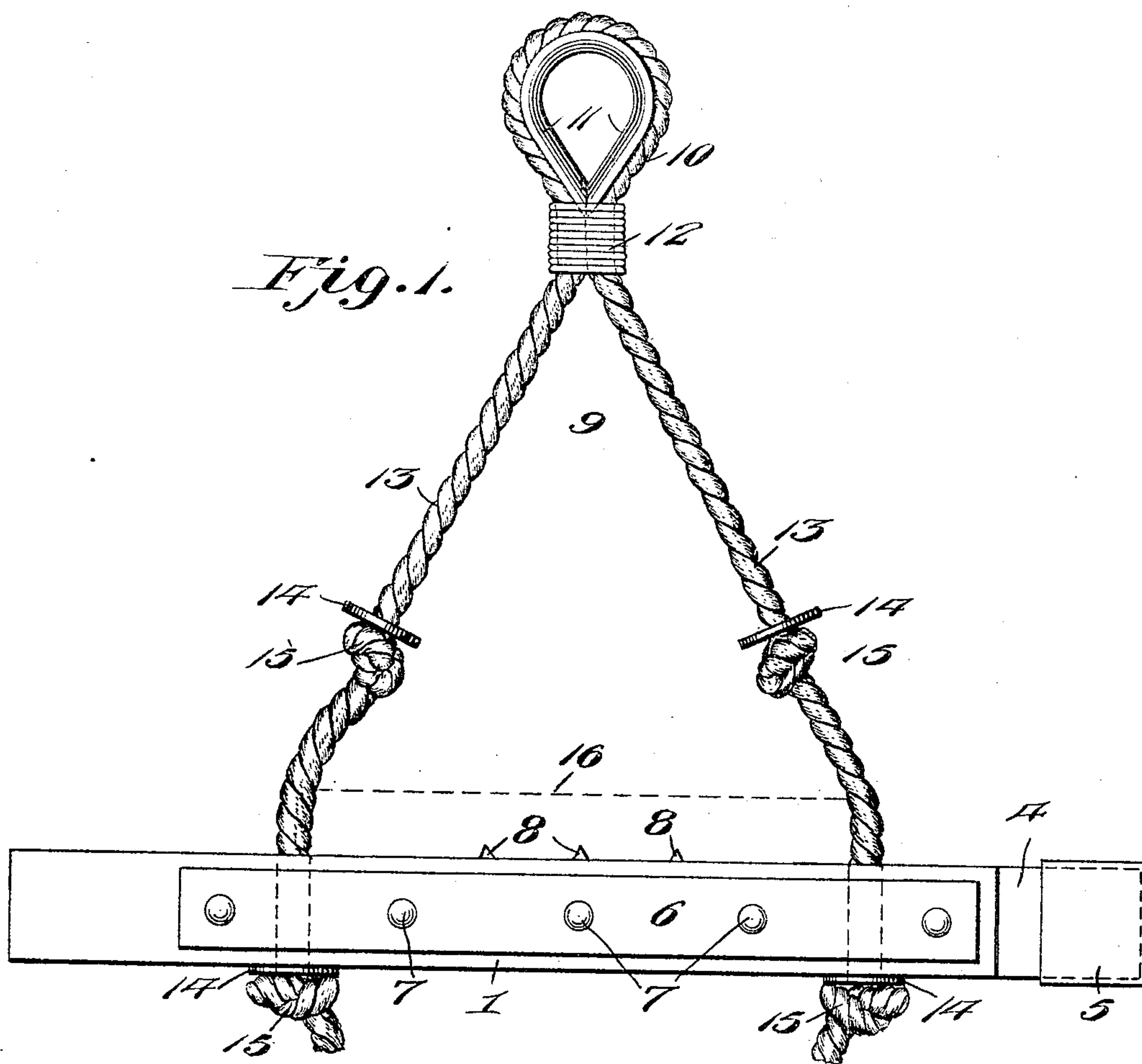


No. 816,458.

PATENTED MAR. 27, 1906.

A. O. GARDINER.
SCAFFOLD SUPPORT.
APPLICATION FILED OCT. 10, 1905.



Witnesses

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ANWYL O. GARDINER, OF OAKLAND, CALIFORNIA, ASSIGNOR OF ONE-HALF TO D. KNABBE, OF OAKLAND, CALIFORNIA.

SCAFFOLD-SUPPORT.

No. 816,458.

Specification of Letters Patent.

Patented March 27, 1906.

Application filed October 10, 1905. Serial No. 282,179.

To all whom it may concern:

Be it known that I, ANWYL O. GARDINER, a citizen of the United States, residing at Oakland, in the county of Alameda and State of California, have invented new and useful Improvements in Scaffold-Supports, of which the following is a specification.

This invention relates to scaffold-supports, and has for its objects to produce a comparatively simple inexpensive device of this character by which the scaffold will be strongly and effectually supported, one in which the parts may be readily assembled for use, and one wherein the end-supporting members may be conveniently adjusted for varying the height of the scaffold.

With these and other objects in view the invention comprises the novel features of construction and combination of parts more fully hereinafter described.

In the accompanying drawings, Figure 1 is an elevation of a scaffold-support embodying the invention. Fig. 2 is a top plan view of one of the supporting members.

Referring to the drawings, 1 designates a supporting member or beam having a rearwardly-opening longitudinal slot 2 and a forward longitudinal slot 3, provided with a lateral opening 4, there being applied to the forward end of the beam a sheet-metal projecting member 5 and to its sides metal strengthening members or strips 6, secured in place by suitable fastening members 7, while projecting from the normally upper face of the beam between the slots 2 and 3 is a series of sharpened engaging teeth or spurs 8.

Engaged with the supporting member 1 is a hanger 9, comprising a suitable length of rope or other flexible material bent between its ends to form a loop 10 for the reception of a metal eye 11, the element 9 being in the formation of the loop united at the inner end of the latter by means of a tie member or wire 12 wrapped tightly around the meeting portions of the hanger, as seen in Fig. 1, it being noted in this connection that the hanger element 9 presents a pair of portions or sections 13 adapted for entrance, respectively, into the slots 2 and 3 when the parts are assembled in action. Arranged at appropriate intervals on each of the sections 13 is a plurality of relatively spaced bearing members or washers 14, secured against downward movement by means of stops 15, comprising knots

formed in the element 9, it being noted that the stops are arranged at a uniform distance apart and at relatively corresponding intervals in the sections 13, thus to present cooperating pairs of horizontal alining bearings on which the supporting member or beam 1 rests in horizontal position to receive the end of the scaffold 16, as indicated by dotted lines in Fig. 1.

In practice the eye 11 is engaged with a hook or similar device attached to the building on which the scaffold is to be used, and the sections 13 of the hanger are engaged with the beam 1 by entrance, respectively, into the slots 2 and 3 and for engagement of a pair of the bearings 14 beneath the beam, as shown in Fig. 1, it being understood, of course, that in practice two or more hangers 9 and beams 1 will be employed for supporting the scaffold 16, and, further, that the beams may be readily adjusted on the hangers for varying the height of the scaffold by engaging the appropriate bearings 14 beneath the beams. In assembling the parts the rear section 13 of the hanger is first engaged with the slot 2 and the forward section thereafter entered in slot 3 through the lateral opening 4, the provision of which permits of convenient manipulation of said section in its initial engagement with the support and for varying the elevation of the latter. When the scaffold 16 is placed in position, it will be securely held against accidental movement owing to the engagement of the spurs 8 with the lower face thereof.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A scaffold-plank-supporting beam having slots running from each end toward the center and a hanger comprising flexible sections adapted to engage in said slots and having a series of enlargements to engage the under side of the beam, whereby the points of such engagement may be shifted for different widths of plank and the hanger members will automatically draw in to embrace the sides of said plank.

In testimony whereof I affix my signature in presence of two witnesses.

ANWYL O. GARDINER.

Witnesses:

THOMAS J. WALSH,
CANO LINISS.