

(No Model.)

E. BONNLENDER.  
SCAFFOLD.

No. 515,738.

Patented Mar. 6, 1894.

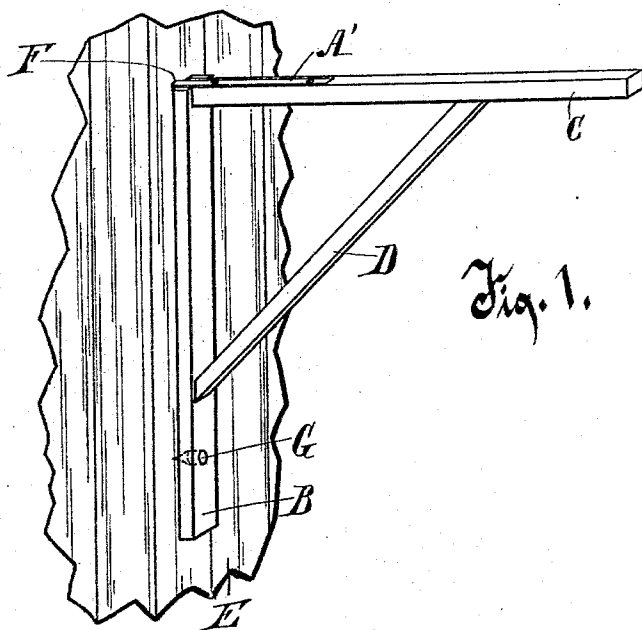


Fig. 1.

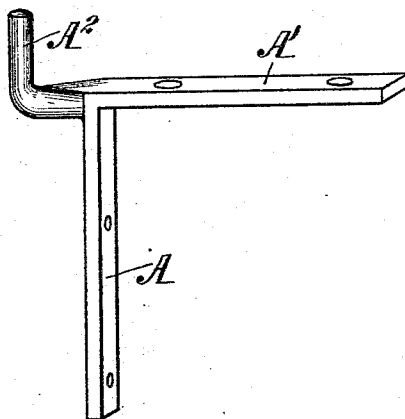


Fig. 2.

Witnesses.

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# UNITED STATES PATENT OFFICE.

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## SCAFFOLD.

**SPECIFICATION** forming part of Letters Patent No. 515,738, dated March 6, 1894.

Application filed May 13, 1893. Serial No. 474,049. (No model.)

*To all whom it may concern:*

Be it known that I, EGIDIUS BONNLENDER, of Beaver Dam, in the county of Dodge and State of Wisconsin, have invented a new and useful Improvement in Scaffolds, of which the following is a description, reference being had to the accompanying drawings, which are a part of this specification.

My invention has relation to improvements in builders' scaffolds, particularly adapted for use during the progress of building, for the support of workmen and material.

The object of the invention is the provision of a simple device whereby the scaffold is readily adjusted in place, and as readily removed with little or no danger of its accidental dislodgment during its temporary adjustment to a building.

With this object in view the invention consists in the improved construction and combination of parts as hereinafter more fully set forth.

In the accompanying drawings, Figure 1, is a perspective view of my improved device, showing the scaffold properly adjusted in place to a fragment of a building, and Fig. 2, is a detail perspective view of the invention proper.

Like letters of reference denote like parts in both figures of the drawings.

Referring to the drawings, the invention proper consists of a casting or angular bracket comprising a vertical arm A, a horizontal arm A' and an angular tang or tongue A<sup>2</sup>, projecting from the angle or corner formed by the junction of the arms A and A'. These parts are preferably formed integral or cast in one piece.

The frame work of the scaffold to which the device is applied may be of any well known or preferred form capable of the proper adjustment thereto of the device.

In the drawings I have illustrated one end of a scaffold frame consisting of an upright standard B, a horizontal beam C for supporting one end of the platform, and an oblique brace D.

The arms A and A' of the angular bracket are secured respectively to the upright and horizontal beam of the scaffold by means of screws, or equivalent devices, being preferably set in recesses therefor in the parts re-

ferred to of the scaffold, so as to be brought flush with the surfaces of these parts.

The letter E indicates a fragment of the sheathing or other portion of a building, and for the adjustment thereto of my invention it is necessary to provide therein a hole F for the reception of the tang or tongue. The vertical portion of this tang or tongue is first brought to a horizontal position which admits of it being readily passed through the aperture in the sheathing. The end section of the scaffold can then be readily brought down so as to assume the position shown in Fig. 1. This arrangement necessarily brings the vertical portion of the tang to the rear of the sheathing, and the horizontal portion resting and seated in the aperture, while the vertical portion of the scaffold frame will bear against the sheathing. In this manner a secure lock for the retention of the scaffold in place is formed.

If desired the lower end of the upright of the scaffold may be provided with a pin G to take into the sheathing and obviate any danger of the displacement of the lower portion of the scaffold. This feature, however, is not absolutely essential to my invention, as practice has demonstrated that successful results are attainable without the employment of this extra part.

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

1. As an improved article of manufacture, a casting or bracket for attachment to scaffold frames, consisting of a vertical and a horizontal member, said parts formed at their angle with a tang, which projects out, first, horizontally, and then upward at right angles, substantially as set forth.

2. The combination, with a scaffold frame, having a vertical and a horizontal portion, of an angular bracket or casting, comprising a vertical and a horizontal arm, secured, respectively, to the vertical and horizontal portions of the frame, said bracket or casting formed at its angle with a tang which projects out, first, horizontally and then upward at right angles, said tang adapted to be passed through an aperture in the sheathing of a building, so that the vertical portion thereof will lie back of said sheathing, and the horizontal

portion will be seated and supported in the aperture, and the vertical portion of the scaffold frame will bear against the sheathing, substantially as set forth.

- 5 3. A scaffold, consisting of vertical and horizontal portions, and a tang projecting from the meeting point or angle of said vertical and horizontal portions, said tang projecting out, first, horizontally, and then upward at right angles, and adapted to be passed  
10 through an aperture in the sheathing of a building, so that the vertical portion thereof

will lie back of said sheathing and the horizontal portion will be seated and supported in the aperture, and the vertical portion of the scaffold frame will bear against the sheathing, substantially as set forth. 15

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

EGIDIUS BONNLENDER.

Witnesses:

J. E. CONNORS,  
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