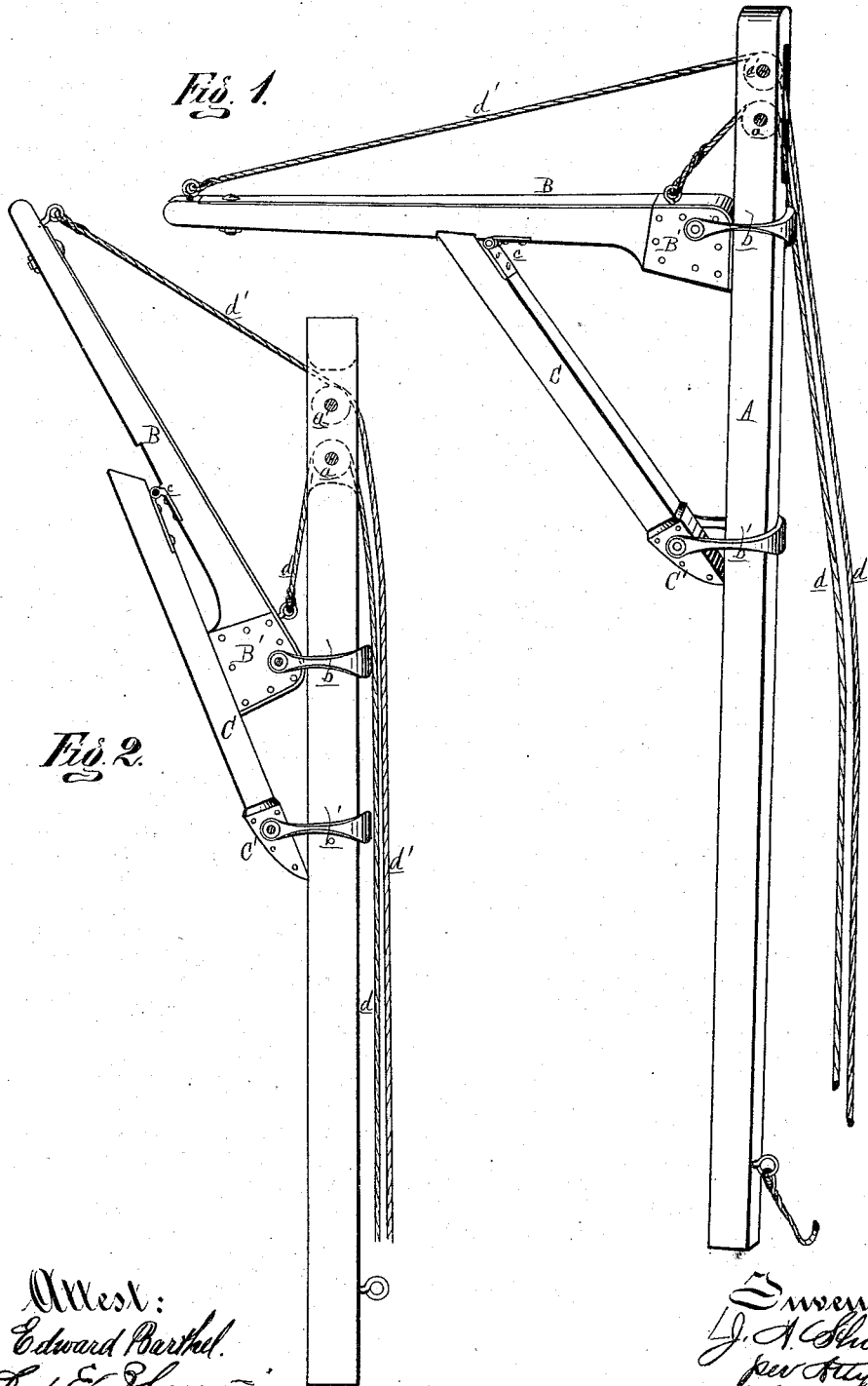


J. A. SHANNON.
Scaffold.

No. 160,475.

Patented March 2, 1875.



Attest:
Edward Barthel.
C. E. Harris

Inventor:
J. A. Shannon
per Atty
Thos. S. Sprague

UNITED STATES PATENT OFFICE.

JOHN A. SHANNON, OF BOWLING GREEN, OHIO, ASSIGNOR TO HIMSELF
AND EARL A. THURSTIN, OF SAME PLACE.

IMPROVEMENT IN SCAFFOLDS.

Specification forming part of Letters Patent No. **160,475**, dated March 2, 1875; application filed
January 30, 1875.

To all whom it may concern:

Be it known that I, JOHN A. SHANNON, of Bowling Green, in the county of Wood and State of Ohio, have invented an Improved Builder's and Painter's Scaffold, of which the following is a specification:

The object of my invention is to so construct the supports of a scaffold that the scaffold-platform may be readily and easily lowered or raised, as the work may require; and it consists in the combination, with a standard provided with two sheaves at the top, of a bracket and a brace, each loosely secured to the standard by a clevis sliding thereon. The brace is hinged to the bracket, which is raised and lowered by cords running over the sheaves, as more fully hereinafter set forth.

Figure 1 is a perspective view. Fig. 2 is a side elevation, showing the bracket and brace freed from the standard, ready to be raised or lowered.

In the drawing, A represents a standard about the height of an ordinary story, and which is erected in front of the wall and secured in position by guys or otherwise. In its top are two sheaves, *a a'*, pivoted in a mortise one above the other. B is a brace about five feet long, having its heel or inner end incased in a metal shoe, B', which is rounded on the upper corner. The heel of the brace has a clevis, *b*, pivoted to it, which clevis embraces the standard. C is a brace, hinged at *c* to the under side of the bracket. Its lower end is incased in a sharp-edged metal shoe, C', which has a clevis, *b'*, pivoted to it and embracing

the standard. *d d'* are two ropes, respectively secured to the outer and inner ends of the bracket, and are led over the sheaves at the top of the standard.

When the bracket is dropped to the horizontal position the point of the bracket-shoe presses into the face of the standard with such force as to prevent it from slipping thereon, thereby sustaining the bracket, except at the heel, which is sustained by its cord, which should be made fast to a cleat at the foot of the standard.

The standards are designed to be placed six feet apart, and the scaffold-boards used to be twelve feet in length, laid to lap over from one bracket to the next.

To raise or lower the scaffold, commence at one end and pull on the rope, which will raise the outer end of its bracket, which leaves the clevises free to slide up or down, when the bracket may be raised or lowered by the heel-rope, this process being repeated at each standard of the scaffold.

What I claim as my invention, and desire to secure by Letters Patent, is—

The bracket B and its shoe B', provided with the clevis *b*, the brace C, hinged to the bracket, and provided with the shoe C' and clevis *b'*, in combination with the standard A, sheaves *a a'*, and ropes *d d'* substantially as and for the purpose set forth.

JOHN A. SHANNON.

Witnesses:

EDSON GOIT,
THOMAS MEEHAN.