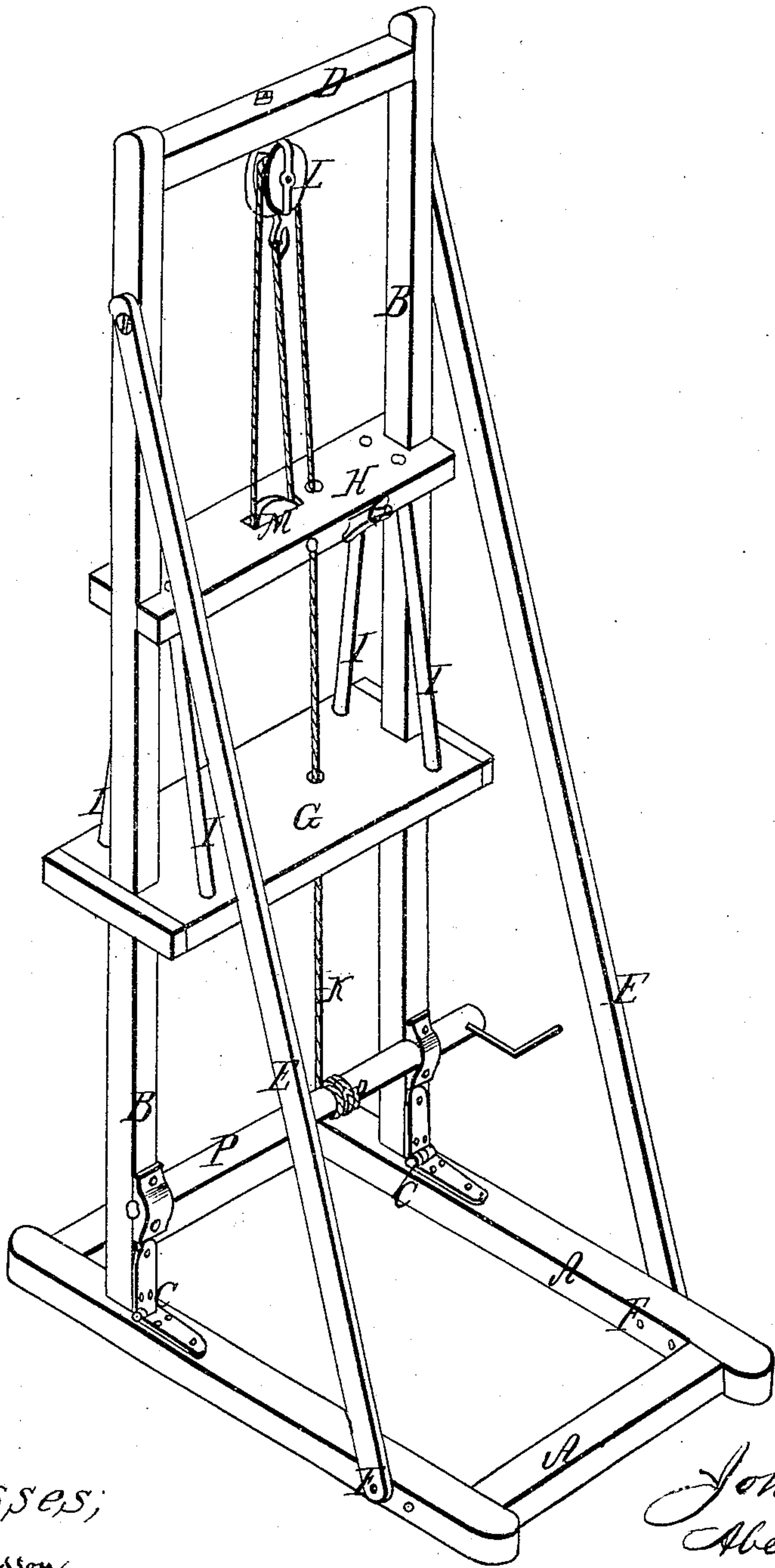


*J. Anderson.*

*Scaffold.*

*N<sup>o</sup> 85,777.*

*Patented Jan. 12, 1869.*



*Witnesses;*

*Edmund Masson*

*R. L. Ross*

*Inventors;*

*John Anderson*

*Abel O. Smith*

*Isaac C. Wallace*

*By their attorney Thos. S. Sprague*

*Alex. A. B. Mc*

# United States Patent Office.

JOHN ANDERSON, ABEL O. SMITH, AND ISAAC C. WALLACE, OF  
LAKEVILLE, MICHIGAN.

*Letters Patent No. 85,777, dated January 12, 1869.*

## IMPROVED SCAFFOLD.

The Schedule referred to in these Letters Patent and making part of the same.

### *To whom it may concern:*

Be it known that we, JOHN ANDERSON, ABEL O. SMITH, and ISAAC C. WALLACE, of Lakeville, in the county of Oakland, and State of Michigan, have invented a certain new and useful Independent, Perpendicular, Movable Scaffold; and we do declare the following to be a true and accurate description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, and being a part of this specification.

The nature of our invention consists in constructing a perpendicular frame, by and in which a platform can be raised, allowing the workmen to approach the walls of the building equally near at all points, raising and lowering themselves at will; serving equally as well as an elevator for raising heavy weights to the tops of the walls in course of construction.

To enable others skilled in the art to construct and use our invention, we will now proceed to describe the same, and name its various parts.

A is a proper frame-work, quadrangular in shape, and serving as a foundation, upon which we erect the standards B, secured to the same by the strap-hinges C, and connected at the top by the cross-beam D.

E are adjustable braces, hinged to the upper part of the standards B, and securing them in a vertical position by means of the pins F, in the holes in the sides of the bed-frame A.

G is a platform, suspended from a movable cross-bar, H, by the standards I; the cross-bar and platform being grooved at each end, to receive and embrace the standards B, the platform also having a stay-piece, J,

across each end, and forming a mortise, and preventing the standards B from spreading.

The platform is raised or lowered by the workmen, by means of a rope, K, one end of which is secured to the strap-ring of the standing block L, suspended from the cross-beam D, and led down and around the pulley M, in the platform, thence over the sheave in the block L, and down through a proper hole in the cross-bar H of the platform G, where it is secured by a couple of turns of the rope around the cleat O.

When the platform is to be used for raising heavy weights, the rope is passed down through a proper opening in the platform, and secured to a windlass, P, at the lower parts of the standards B.

Should there be an inequality in the surface of the ground, the standards B are maintained in a vertical position by securing the lower ends of the adjustable braces E at the proper angle, by the pins F, entering the proper holes in the bed-frame A.

The apparatus being folded compactly, is light, and easy of transportation.

What we claim as our invention, and desire to secure by Letters Patent, is—

In a scaffold, substantially as described, the combination of the frame A, folding beams B, and adjustable braces E, substantially as and for the purpose set forth.

JOHN ANDERSON.

ABEL O. SMITH.

ISAAC C. WALLACE.

Witnesses:

LEONARD DAVIS,

CORNELIUS HAGERMAN.