F. Odenbaugh.

Scaffold.

No. 83,994. Patented Nov. 10, 1868.

Fig. 2.

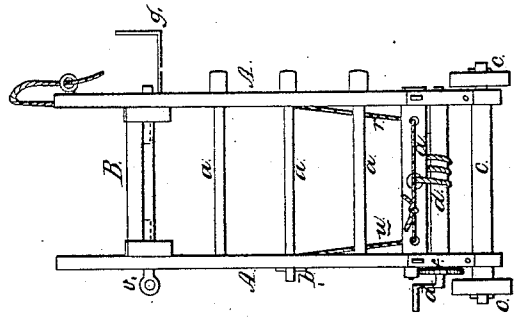
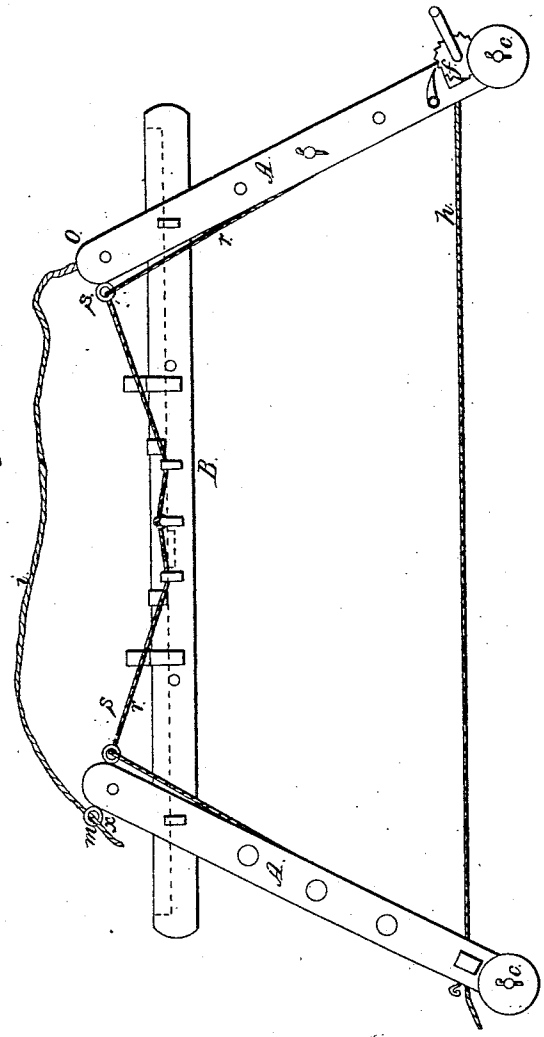
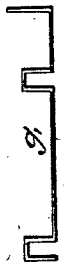


Fig. 1.





Witnesses.
H. Smith
James Y. Smith

Inventor.
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United States Patent Office.

FRANK ODENBAUGH, OF MIDDLETOWN, PENNSYLVANIA.

Letters Patent No. 83,994, *dated November* 10, 1868.

IMPROVED SCAFFOLD.

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

To all whom it may concern:

Be it known that I, FRANK ODENBAUGH, of Middletown, in the county of Washington, and State of Pennsylvania, have invented a new and valuable Improvement in Scaffolding; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1, of the drawings, is a representation of a side view of my device, and

Figure 2 is an end view thereof.

The object of my invention is to provide, for the use of carpenters, painters, masons, and glaziers, a portable scaffold, that shall be more perfect in construction, and more useful in operation, than any similar device heretofore known.

The letters A of the drawings represent four end pieces, two at each end, with cross-slats or ladder-rounds, marked *a*, arranged in the manner shown, the centre round being fastened with a pin, *b*. The lower round is made wider than the others, to receive and hold the ropes mentioned hereafter as connected therewith.

At the lower ends of side pieces A, I adjust axles and wheels, as shown at *c*. These serve as a ready means of transporting the scaffold from place to place, as may be desirable.

Immediately above the axle and wheels *c*, I adjust the crank and shaft *d*, in the manner represented, and I also attach to the same a ratchet and pawl, *f*.

The letter B represents the platform proper, pivoted, as shown, to the side pieces A. I usually construct it of two side rails, with removable plank between them, resting upon metallic cross-bars, as shown at *g*. I prefer also to have two or more of these metallic cross-bars extend beyond the side rails, to form a rest and support for additional plank, whenever it becomes desirable to use them for that purpose. These extended cross-bars are marked *h* on the drawings.

The letter *i* is a rope, extending from a staple at *m* to a staple at *o*. A rope, *p*, extends from the shaft *d* to the lower round on the opposite side of the platform, as shown. A rope, *r*, extends from the lower round last mentioned, through staples on the side of the side rail, as shown, to and through a staple at *s*, and from thence downward to the lower round or slat on the opposite side.

Letter *u* is a rope, extending from the round or slat last mentioned upward through staples at *v*, through staples on the side of the cross-bar opposite to that last mentioned. It also passes through a staple at *x*, and from thence downward to the lower cross-bar or slat of the ladder.

The office of this series of ropes is to raise the platform proper to any desired altitude, in conjunction with the crank and shaft *d*, and also in conjunction with ratchet and pawl, *f*, to hold said platform firmly in the desired position.

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

A portable platform or scaffold, having end pieces A, platform B, ladder-rounds *a*, pin *b*, axle and wheels *c*, crank and shaft *d*, ratchet and pawl *f*, cross-bars *g* and *h*, ropes *i*, *p*, *r*, and *u*, and staples, as described and shown, constructed and arranged substantially as herein specified.

In testimony that I claim the above, I have hereunto subscribed my name, in the presence of two witnesses.

F. ODENBAUGH.

Witnesses:

J. C. GEORGE,

D. C. ODENBAUGH.