

R. L. UPCHURCH.

Combined Ladder and Scaffold.

No. 133,505.

Patented Nov. 26, 1872.

Fig. 1.

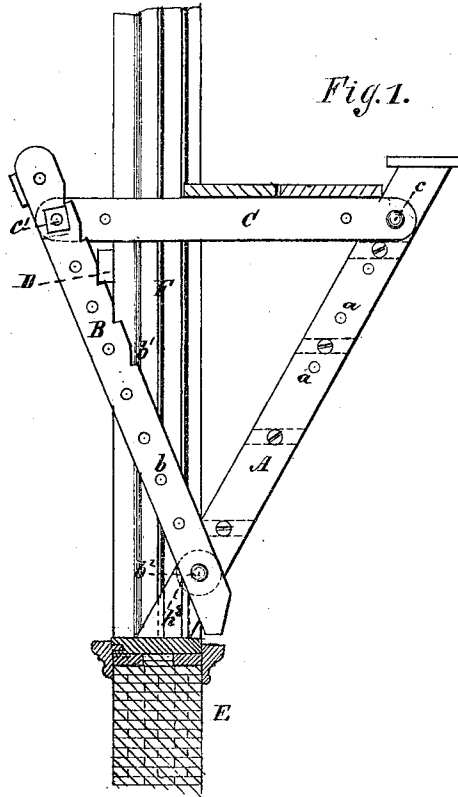
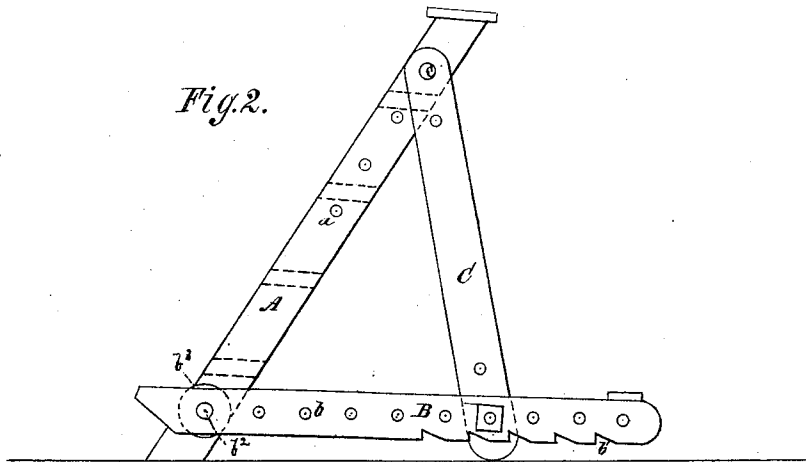


Fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

ROBERT L. UPCHURCH, OF PANA, ILLINOIS.

IMPROVEMENT IN COMBINED LADDERS AND SCAFFOLDS.

Specification forming part of Letters Patent No. 133,505, dated November 26, 1872.

To all whom it may concern:

Be it known that I, ROBERT L. UPCHURCH, of Pana, in the county of Christian and State of Illinois, have invented a Combined Ladder and Scaffold, of which the following is a specification:

The invention consists in constructing an article adapted to use (by painters, carpenters, and others) as a scaffold to be employed at the sides of walls and cornices, to serve as an ordinary step-ladder when folded, and to serve as a fruit-ladder when reversed.

Figure 2 is a side elevation of my new article of manufacture when used as a fruit-picking stand. Fig. 1 is a side elevation illustrating its application as a scaffold.

A represents a common step-ladder, having its sides perforated at *a*. B B are uprights, perforated at *b*, notched at *b*¹, and held by a bolt, *b*², to the feet thereof; and *b*³ are intermediate spacers or washers, used to hold the uprights at the proper distance in folding up. C C are arms, held by a bolt, *c*, to the ladder at various points, more or less distant from the upper end, and by a bolt, *c*', to the uprights B B. D is a notched cross-bar. E is the side of a house, and F is a window therein.

If it is designed to use the article as a scaffold, the foot of ladder is placed on window-sill (as shown in Fig. 2 of drawing) with the lower end of uprights on or against the out-

side, while the upper ends pass in the window and are firmly held by the transverse bar D set in the notches *b*¹. One side being placed at each of two windows, boards are laid across, resting with one end upon each arm, C.

If the article is to be used as a step-ladder, the bolt *c*' is removed and the uprights, with the arms, folded on each side of the ladder. On the other hand, if it is to be employed as a fruit-picking stand, the uprights and arms are transferred to the opposite side of the ladder from that on which they are placed for forming a scaffold.

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

A compound ladder and scaffold, consisting of ladder A, having its sides perforated, the uprights B, perforated at *b*, notched at *b*¹, and held by bolt *b*² to the feet of said ladder, the bars C having apertures near the bottom transversely, the intermediate spacers *b*³ to hold said uprights at the proper distance apart for folding up, and the notched cross-bar D, all constructed and applicable to use, as set forth.

ROBERT L. UPCHURCH.

Witnesses:

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