

R. L. UPCHURCH.

Combined Ladder and Scaffold.

No. 133,505.

Patented Nov. 26, 1872.

Fig. 1.

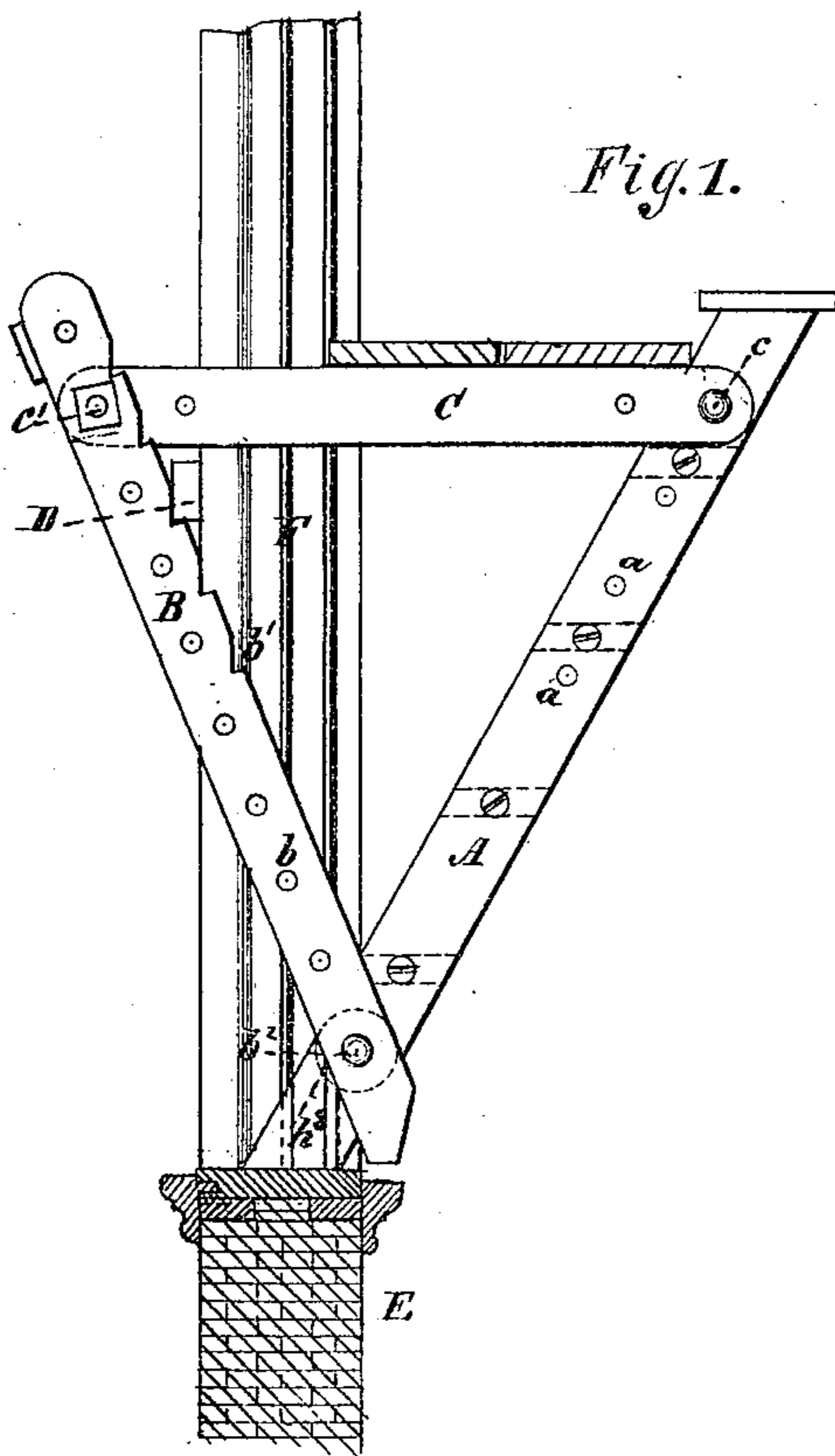
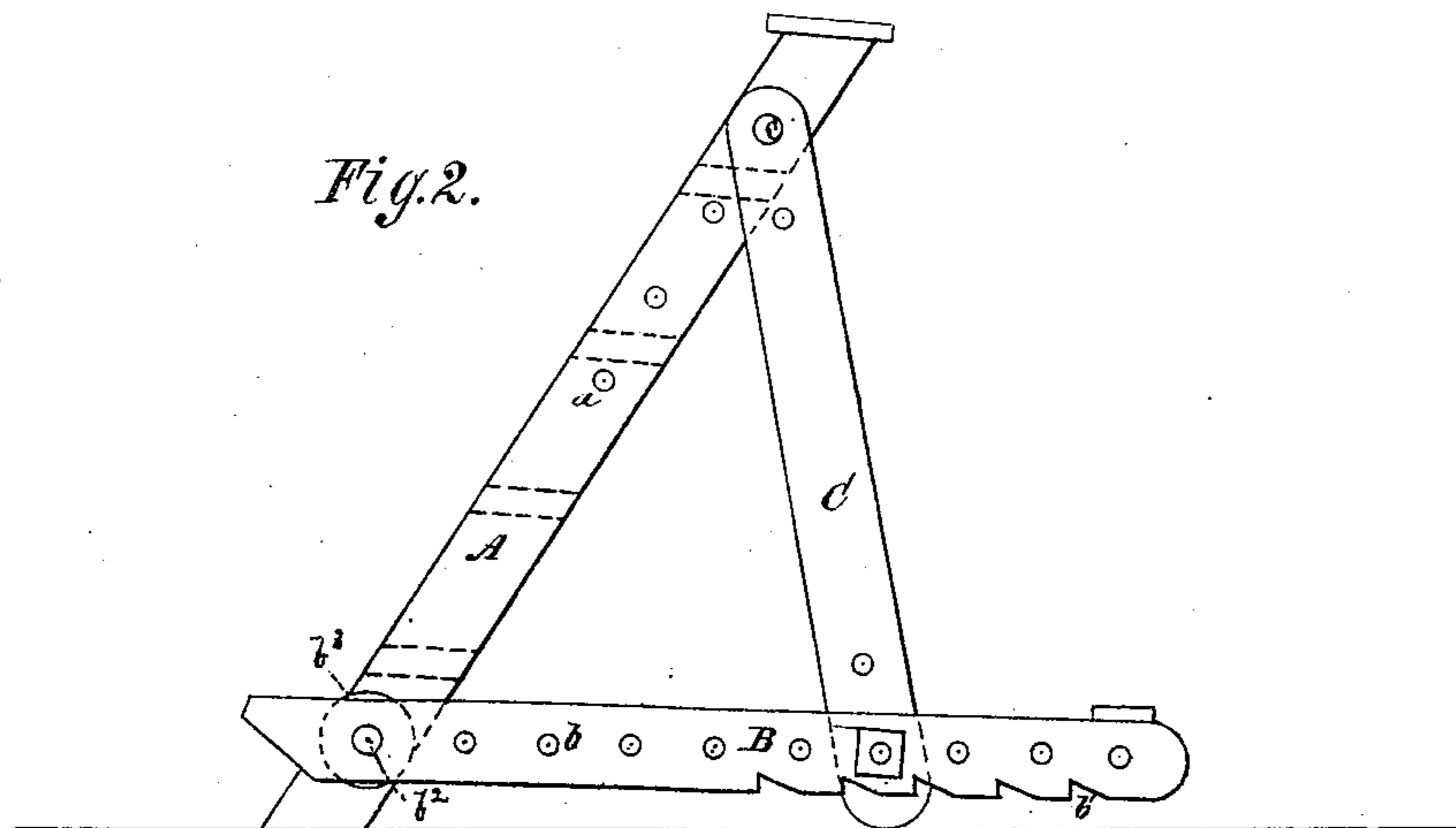


Fig. 2.



Witnesses:

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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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