DANIEL R. BURKHOLDER.

Improvement in Ladder Stands.

No. 115,696. Patented June 6, 1871.

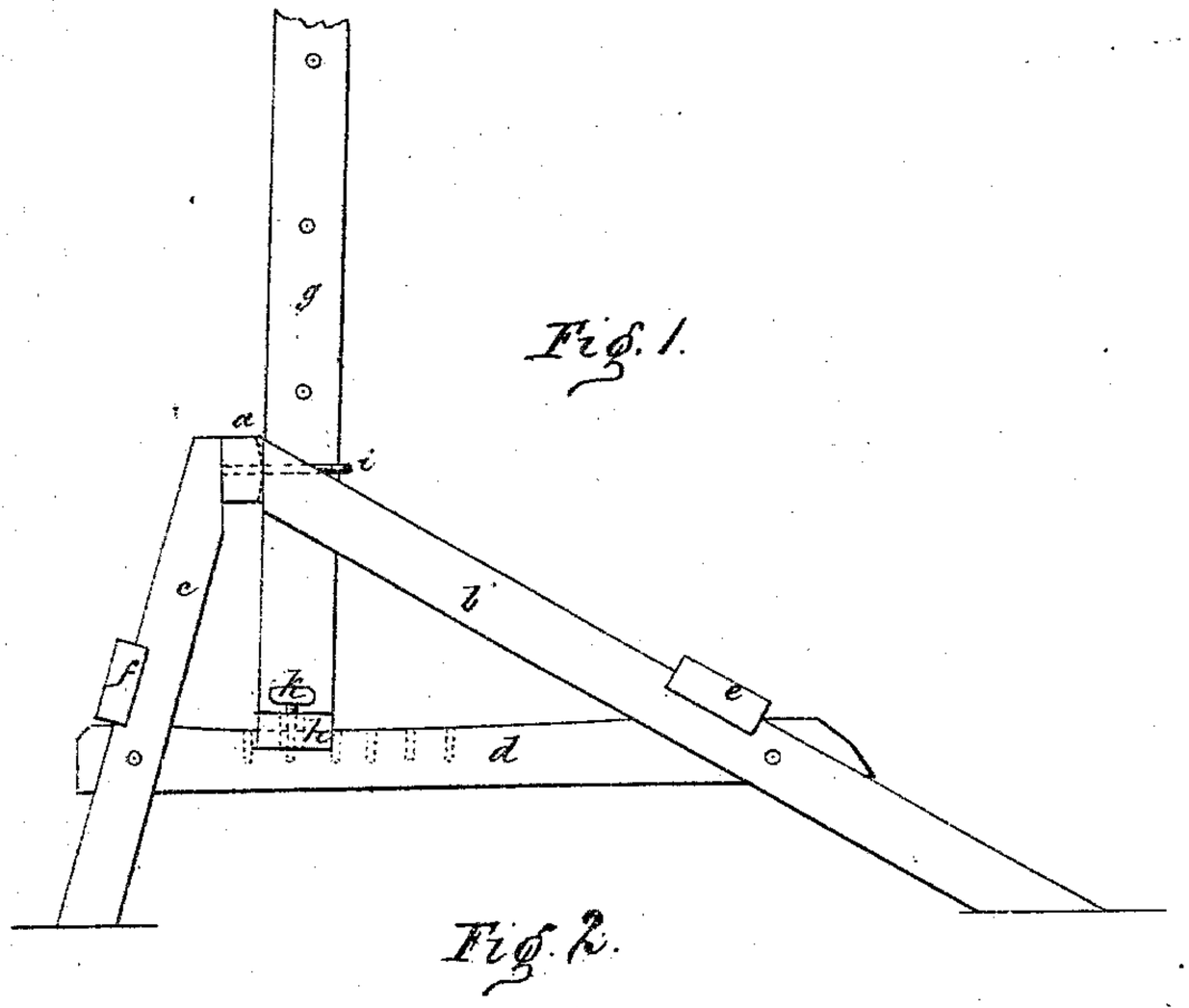
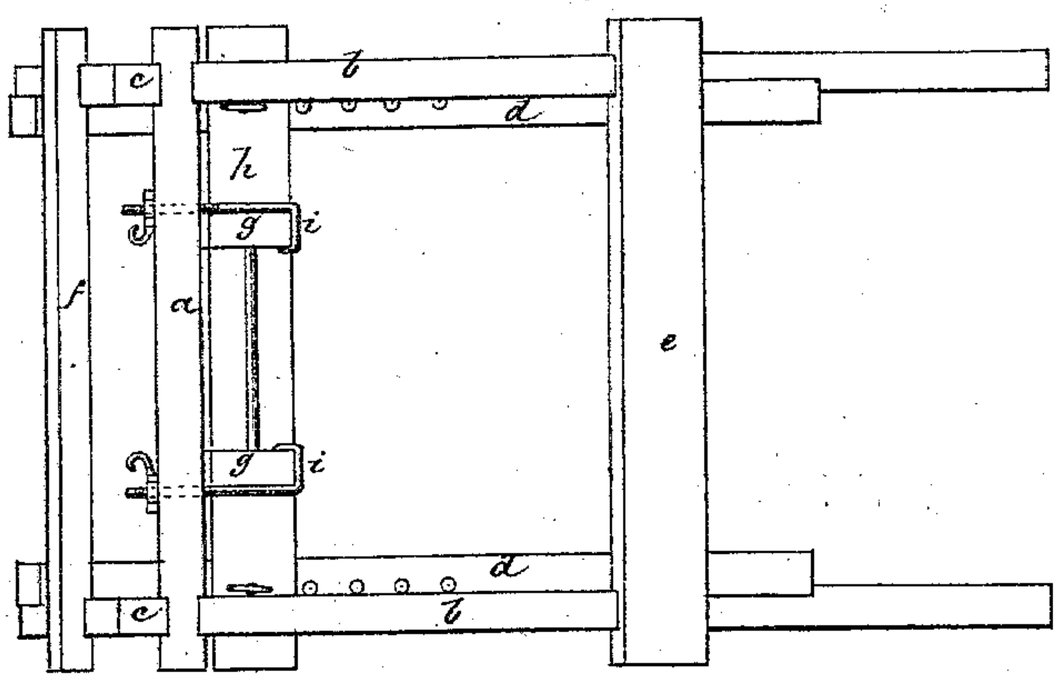



Fig. 1.

Fig. 2.




Witnesses:

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115,696

# UNITED STATES PATENT OFFICE.

DANIEL R. BURKHOLDER, OF PLAINFIELD, PENNSYLVANIA.

## IMPROVEMENT IN LADDER-STANDS.

Specification forming part of Letters Patent No. 115,696, dated June 6, 1871.

*To all whom it may concern:*

Be it known that I, DANIEL R. BURKHOLDER, of Plainfield, in the county of Cumberland and State of Pennsylvania, have invented a new and Improved Ladder-Stand; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing making a part of this specification, in which—

Figure 1 is a side elevation, and Fig. 2 is a top view.

This invention consists of a stand for holding a ladder of any kind and height, and at any inclination, by the foot solely, no support at the top being required, so that a ladder resting on this foot may be used for ascending into the air where there is no building, or for going up by the side of a wall that is too weak to sustain the weight of a ladder.

Referring to the drawing, the said stand is shown to consist of two side frames connected at their tops by a cross-bar, *a*, said side frames each consisting of a pair of inclined bars, *b c*, that converge toward their upper ends, where they are fastened to the cross-bar *a*, the inclined bars on each side being connected near their lower ends by braces *d*, and the side frames being connected by bars *e f* in addition to the cross-bar *a*. The side pieces *g* of the ladder are stepped in a foot-piece, *h*, that rests on the braces *d*. The side pieces *g* are connected with the cross-bar *a* by means of clamps *i*, or by any other devices that will either hold the ladder stationary or allow the ladder to vibrate on the cross-bar as a pivot. When the stand is placed on an incline it is often necessary to shift the position of the ladder in order that it may not slant in the wrong direction. This is effected by moving the foot-piece *h* back or forth along the braces *d*, which are hollowed out on their upper sides for this purpose. Removable pins *k*, or other suitable devices passed through the foot-piece, fasten it to the braces. Before shifting the foot-piece the pins are taken out and, after adjusting the foot-piece in the proper position, the pins are inserted again. The stand is thus adapted to surfaces of any degree of slant.

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

The combination of the ladder *g*, foot-piece *h*, hollow braces *d*, cross-bar *a e f*, clamp *i*, and side frames *b c*, as specified.

DANIEL R. BURKHOLDER.

Witnesses:

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