

C. Monson.

Sheet 1-2 Sheets.

Scaffold.

N^o 34,313.

Patented Feb 4, 1862.

Fig. 1.

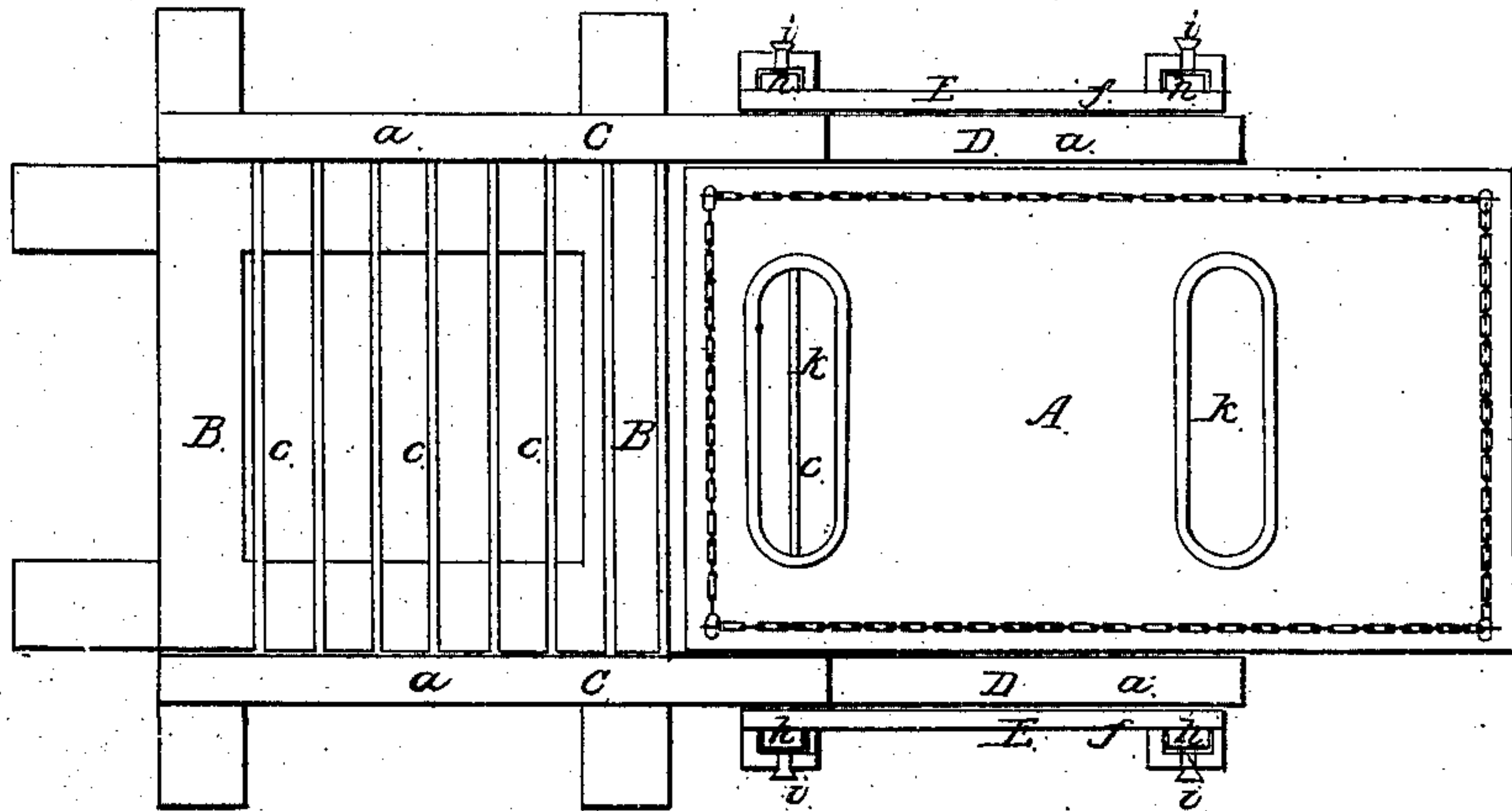
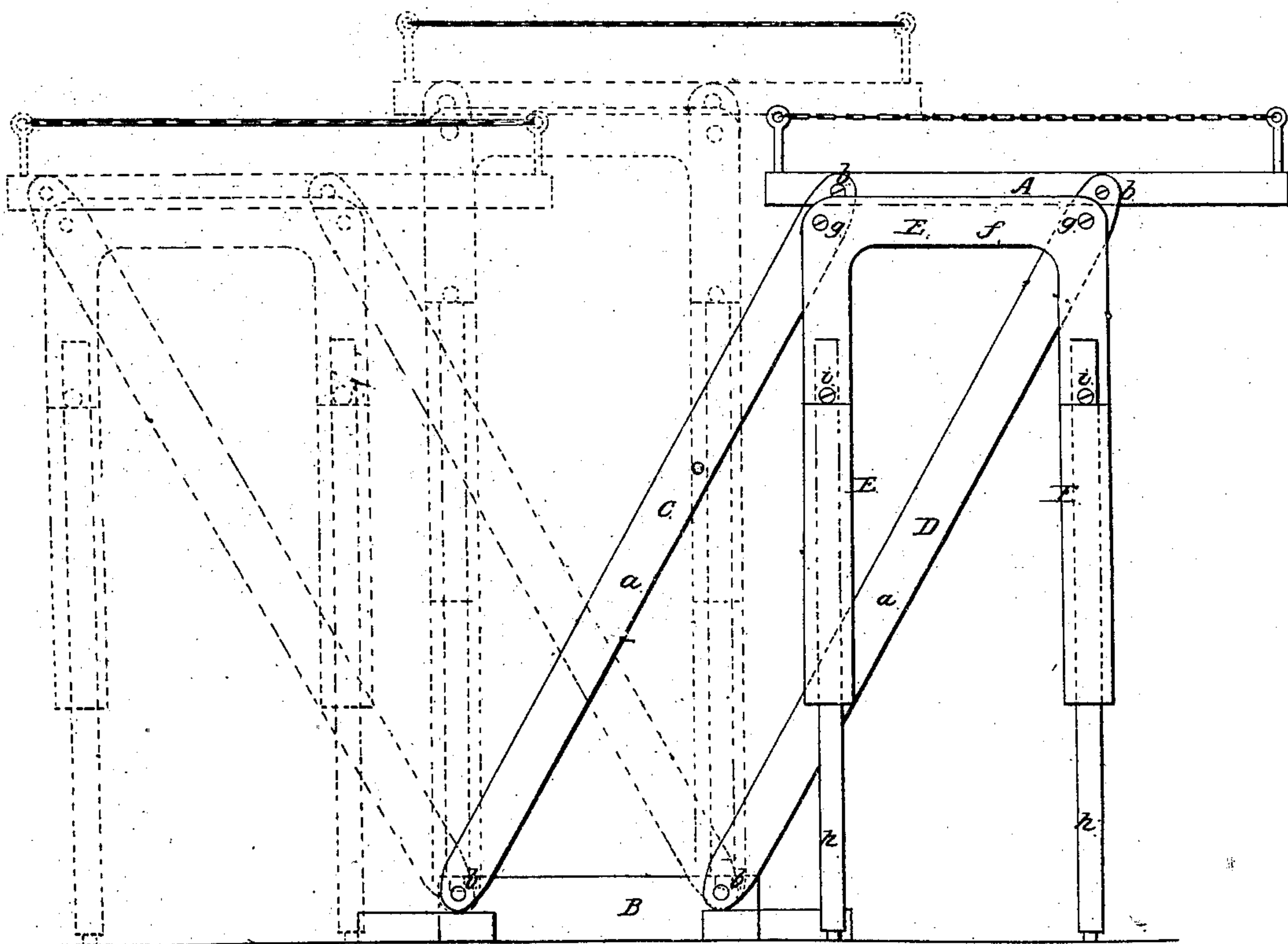


Fig. 2.



Witnesses:

A. S. Monson
W. M. Whitney

Inventor.

Charles Monson

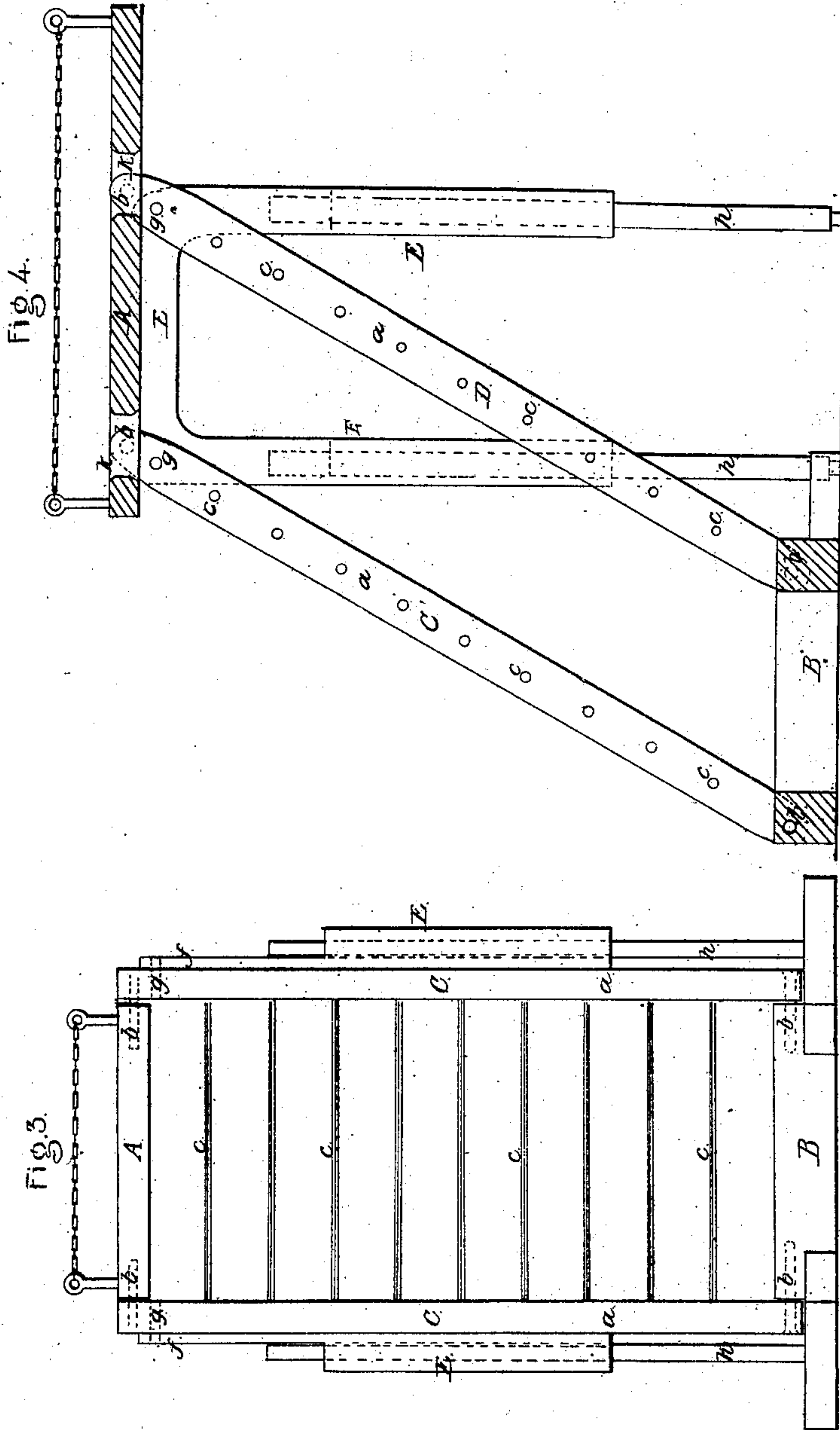
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A. J. Monson
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UNITED STATES PATENT OFFICE.

CHARLES MONSON, OF NEW HAVEN, CONNECTICUT.

IMPROVEMENT IN LADDERS AND STAGING FOR ARTISANS.

Specification forming part of Letters Patent No. 34,313, dated February 4, 1862.

To all whom it may concern:

Be it known that I, CHARLES MONSON, a citizen of the United States of America, and a resident of the city and county of New Haven, and State of Connecticut, have invented a new and useful or Improved Ladder or Artisan's Stage, which I do hereby declare is fully described in the following specification, and represented in the accompanying drawings, of which—

Figure 1 exhibits a top view, Fig. 2 a side elevation, Fig. 3 a rear elevation, and Fig. 4 a vertical and longitudinal section, of it.

My said invention is intended for various purposes, it being particularly useful to masons, plasterers, joiners, or various other artisans. It may be employed to support one or more persons in a field, and to enable them to gather fruit from trees, or to perform other acts.

The nature or principle of my said invention consists in a combination of a platform or stage, two sets of parallel bars or ladders, a base or foot-connection, and a leg-stand or pair of stands or their mechanical equivalent, the whole being arranged and so as to operate substantially as hereinafter explained.

In the drawings, A is a platform or stage, arranged horizontally and parallel to a horizontal base-frame or foot-connection B, and is joined thereto by two ladders C D or sets of parallel bars, each bar *a* of which is so applied, both to the stage and base-frame, as to be capable of being turned in a vertical plane and on the bolt or pin *b*, by which the connection is effected. The two bars *a a* of each set are furnished with a series of rounds or cross-rods *c c c*, &c., which extend horizontally from one bar to the other and constitute, with the said bars, a ladder, the axes of the joining bolts or pins of the ladders, the platform, and base-frame being parallel and horizontal. One ladder is parallel to the other, and the two are connected by one or more leg-

stands E in such manner as to not only give support to the two ladders when each is in inclined positions, as shown in Fig. 2, but to admit of their being moved from such inclined positions upward and either into vertical positions, as exhibited in such figure by red lines, or into other inclined positions, as denoted by the blue lines of such figure, the amount of declination from the vertical being dependent on the length of such leg-stand.

The leg-stands, as shown in the drawings, are placed on opposite sides of the stage or platform, each leg-stand having its horizontal bar *f* connected to the two ladders by means of joint-pins *g g*. Each vertical leg of each of the said stands may be constructed so as to be variable in its length, or, in other words, with a foot slide or bar *h* to slide into the rest of the stand and be capable of being clamped in position therein by a screw *i*. Furthermore, the platform A may be constructed with two openings or holes *k k* leading through it, there being one of them over each of the ladders. Where the ladder-stage is made very large, this construction of its platform will often be found advantageous, whether as affording ready means of access to the platform from either of the ladders or for any other useful purpose.

The uses of the above-specified artisan's stage are various, and need not be further enumerated.

I claim—

The combination of the two sets of parallel bars or ladders, a base or foot-connection, and a leg-stand or pair of stands, or the mechanical equivalent therefor, the whole constituting a ladder or artisan's stage, substantially as described.

CHARLES MONSON.

Witnesses:

A. S. MONSON,
W. M. WHITNEY.