

B. JACKSON.
PORTABLE DERRICK.

No. 186,574.

Patented Jan. 23, 1877.

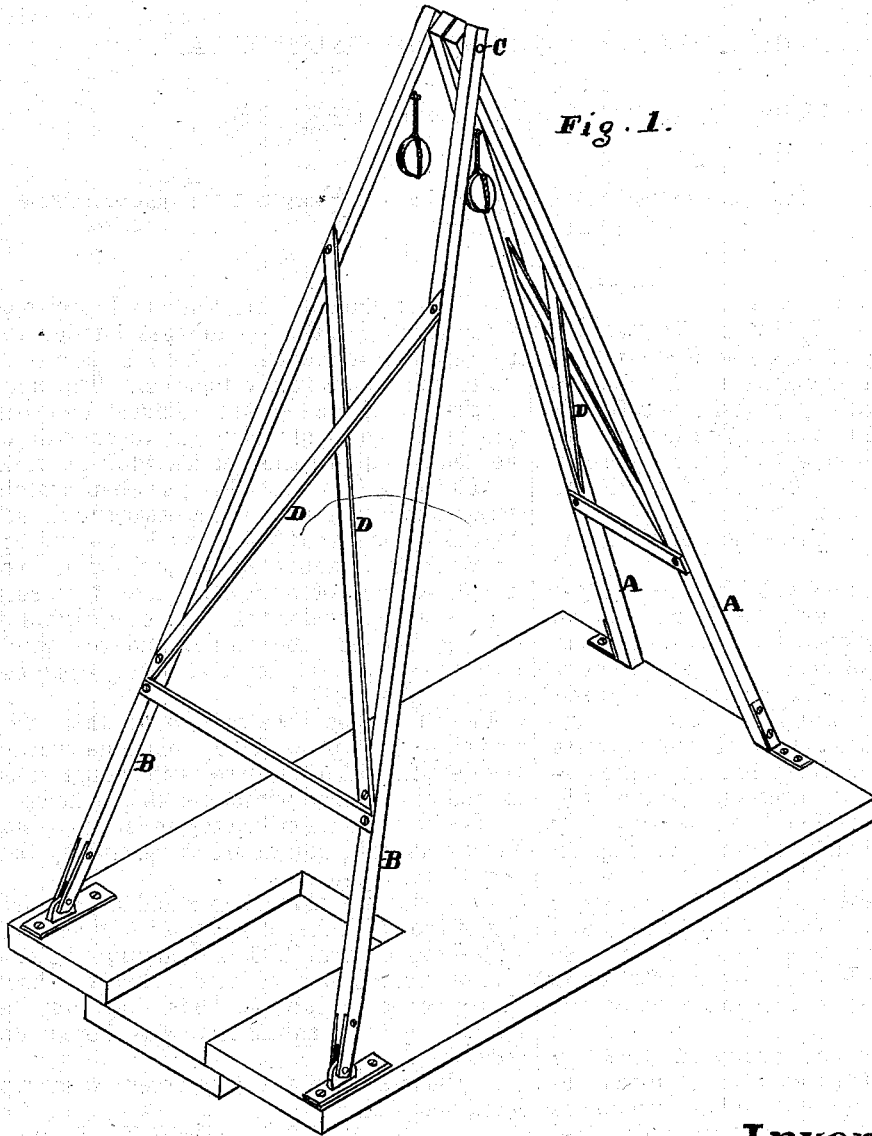


Fig. 1.

Witnesses
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UNITED STATES PATENT OFFICE.

BYRON JACKSON, OF WOODLAND, CALIFORNIA.

IMPROVEMENT IN PORTABLE DERRICKS.

Specification forming part of Letters Patent No. 186,574, dated January 23, 1877; application filed September 19, 1876.

To all whom it may concern:

Be it known that I, BYRON JACKSON, of Woodland, county of Yolo and State of California, have invented a Portable Derrick for delivering grain with horse-forks to a thrashing-machine; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings.

Figure 1 is a perspective view of my invention.

My invention relates to an improvement in derricks to deliver unthrashed grain to the feeder of a thrashing-machine; and it consists in a novel combination of upright pieces of suitable height, framed or braced in two sections to stiffen the uprights. The four uprights are fastened together at the top with one bolt, and two of them hinged at the bottom in such a manner that one section will fold inside of the other, and lie down smoothly on the delivery table or platform for passing under obstructions. The derrick, when in working position, is substantial enough to move from place to place without taking down, and requires but two guy-ropes to hold it up while at work. The pulley-blocks are both hung with swivel-hooks, to prevent chafing the ropes.

Referring to the accompanying drawings for a more complete explanation of my invention, A B are four upright timbers, which are hinged at the bottom to the platform or table, upon which they are mounted. These two uprights, A, have their feet secured nearer together than the posts B, and they meet at

the top, as shown. The timbers B are separated enough at the top to pass outside the timbers A, and a single bolt, C, serves to unite the whole firmly together. The pairs of timbers A and B are stiffened by cross-braces D, and only two guy-ropes will be needed to support the derrick while at work.

Whenever it is desired to pass beneath obstructions it will only be necessary to detach the fastenings at the feet of the pair of uprights A or B, and then carry the foot over the other pair of uprights. It will be seen that when this is done the pair of uprights A will lie between the pair B, and the whole derrick can be laid down smoothly upon the table or platform.

It will not be necessary to do this while traveling from place, as by this construction the derrick will be rendered stiff enough to be moved at any time without taking it down.

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

A derrick for thrashing-machines, consisting of the two pairs of uprights A B secured at the top by a bolt, C, and having the bottom of one pair secured with a narrower base than the other pair, so that they may be folded together, substantially as herein described.

In witness whereof I have hereunto set my hand and seal.

BYRON JACKSON. [L. s.]

Witnesses:

CHAS. D. BEACH,
HENRY SCHRIBER.