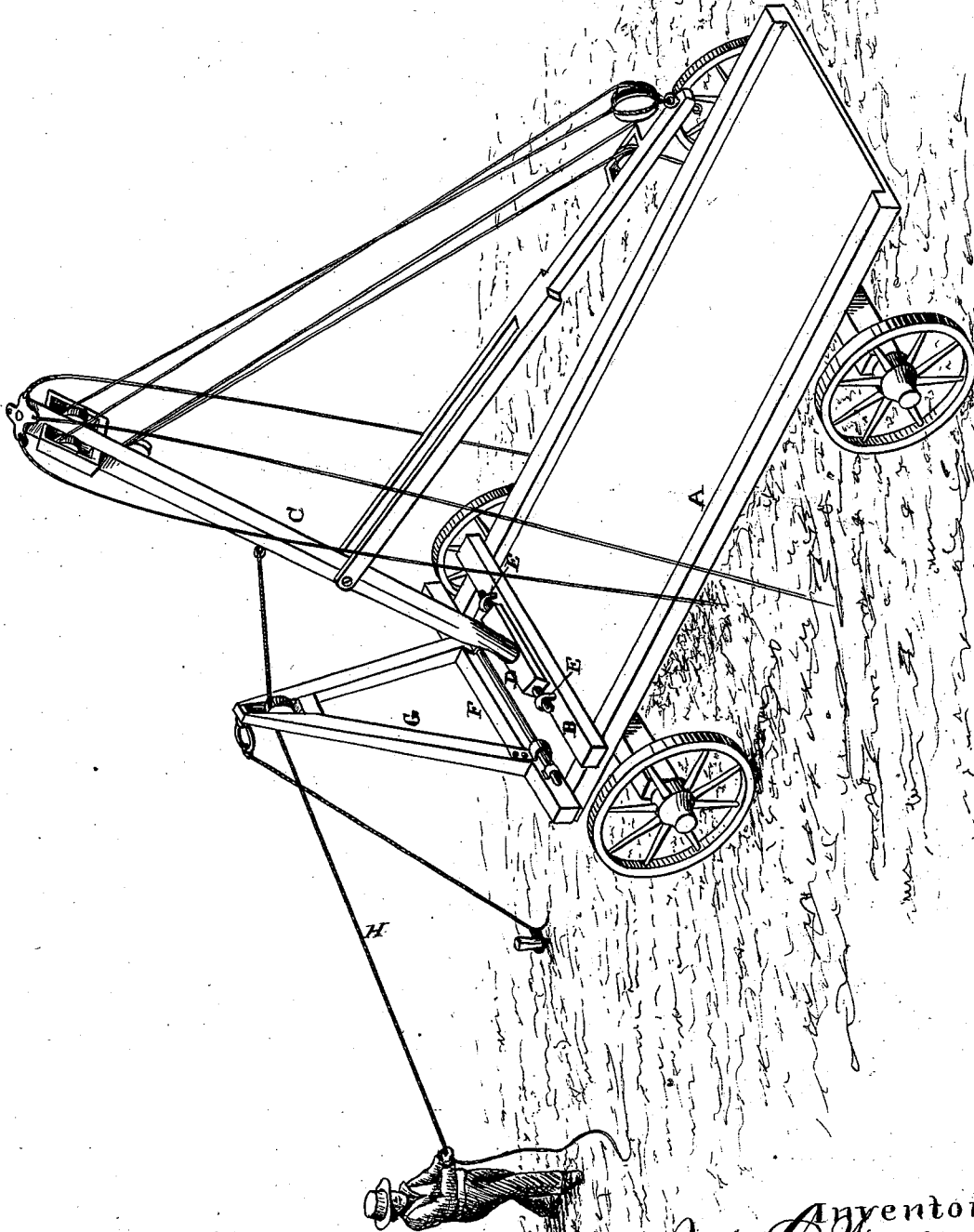


J. D. WINTERS.
Wagon-Derrick.

No. 203,974.

Patented May 21, 1878.



Witnesses

Geo. H. Strong
Frank A. Brooks

Inventor
John D. Winters
by Dewey & Co
Attys.

UNITED STATES PATENT OFFICE.

JOHN D. WINTERS, OF GRAND ISLAND, CALIFORNIA.

IMPROVEMENT IN WAGON-DERRICKS.

Specification forming part of Letters Patent No. **203,974**, dated May 21, 1878; application filed March 28, 1878.

To all whom it may concern:

Be it known that I, JOHN D. WINTERS, of Grand Island, county of Colusa, and State of California, have invented an Improvement in Wagon-Derricks; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawing.

My invention relates to certain improvements in wagon-derricks.

It consists in a novel mode of attaching the foot of the derrick to the wagon, in combination with a device for raising the derrick from a horizontal to a vertical position upon the wagon, as will be more fully described in the following specification.

Reference being had to the accompanying drawing, the figure is a general view.

A is the frame-work of a suitable wagon, having a cross-bar, B, over the front axle. This cross-bar sustains the derrick C, with the usual swivel or stop-box secured in the base-bar D, that is held by journals in boxes or ring-bolts E E, on which the said derrick swings when raised upright.

The forward end of the frame-work A projects as far as practicable, and sustains a cross-bar, F, having a jack-frame, G, hinged to it in any suitable manner, so that it can also be raised or lowered as desired.

At the top of this frame a rope passes over a pulley, and is fastened near the upper end of the derrick.

When transporting this machine from place to place, the derrick C and the jack-frame G are lowered to a horizontal position; but when it is desired to use the derrick the jack-frame G is first raised by hand and secured in a vertical position. The said derrick is then raised by means of the rope H, passing through the pulley-block at the top of the jack-frame, and secured in any suitable manner.

This arrangement is quite simple, and enables me to carry the derrick conveniently on the wagon, and raise it quickly and easily to a vertical position when desired.

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

The wagon A, having the derrick C, mounted upon a journaled beam, B, near one end, and having the jack-frame G mounted near it, substantially as and for the purpose described.

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

JOHN D. WINTERS. [L. S.]

Witnesses:

FREDK. KLAYS,
BYRON PEARCE.