

Patented May 16, 1876.

[illegible]

INVENTOR:

BY *S. Y. Reams*
mm
ATTORNEYS.

UNITED STATES PATENT OFFICE.

SHIRWOOD Y. REAMS, OF BELLEVILLE, TEXAS.

IMPROVEMENT IN PORTABLE DERRICKS.

Specification forming part of Letters Patent No. **177,559**, dated May 16, 1876; application filed October 23, 1875.

To all whom it may concern:

Be it known that I, SHIRWOOD Y. REAMS, of Belleville, in the county of Austin and State of Texas, have invented a new and Improved Portable Derrick, of which the following is a specification:

My invention consists of an adjustable crane mounted on a truck-platform, having an overhead frame for the support of the upper end of the crane-post, and braces for staying the frame, so that the crane can be turned around to overhang the sides, the whole being a simple and efficient apparatus, which may be moved readily from place to place by hand or by horse-power.

Figure 1 is a plan view, and Fig. 2 is a longitudinal sectional elevation, of my improved portable crane, the section being taken on line *x x*.

Similar letters of reference indicate corresponding parts.

A is the platform of a truck-frame, mounted on wheels B. C is the overhead supporting-frame, in which, and on the aforesaid frame A, is mounted the revolving post D of a crane,

the sweep E of which is supported adjustably by a rope, F, and a windlass, G, said windlass, and also the windlass H of the hoisting-rope I, being mounted on post D to turn with it. J is a platform for the operator to stand on when working the hoisting-rope. K represents the braces for staying the frame laterally when hoisting over the sides.

This arrangement is simple and cheap, and is calculated to afford an efficient means for raising heavy weights.

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

1. The combination, in a portable derrick, of the post D, sweep E, adjusting-cord F, windlass G, and the hoisting-rope and windlass, all constructed and arranged as set forth.

2. The combination of the lateral brace-hooks K with a portable derrick, as and for the purpose set forth.

S. Y. REAMS.

Witnesses:

J. W. WAMMY,
Z. W. MATTHEWS.