

J. W. SHANKLAND.

Lifting-Jacks.

No. 134,709.

Patented Jan. 7, 1873.

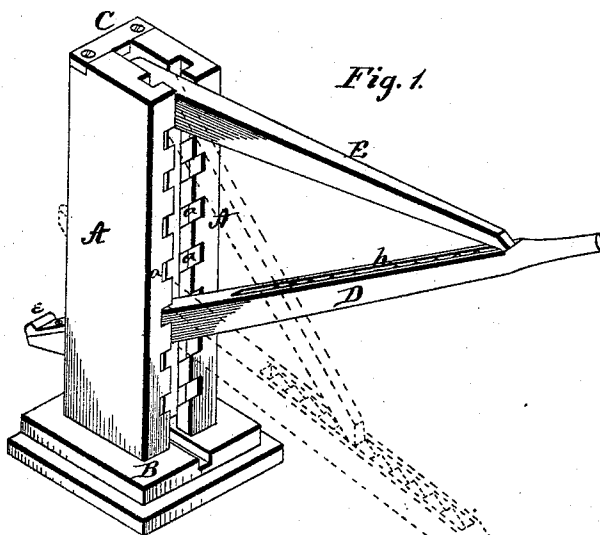
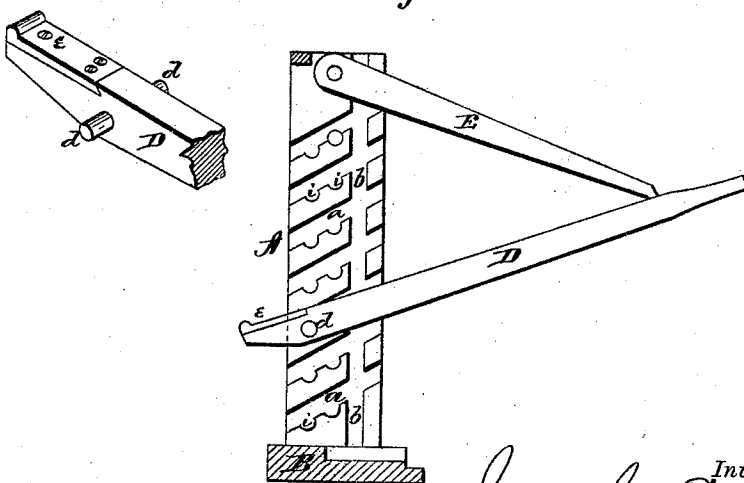


Fig. 2.



Witness:

Henry A. Miller
C. L. Green,

Inventor.

James W. Shankland
per *Wm. W. Mearns*

Attorneys.

UNITED STATES PATENT OFFICE.

JAMES W. SHANKLAND, OF SUMMERFIELD, OHIO.

IMPROVEMENT IN LIFTING-JACKS.

Specification forming part of Letters Patent No. 134,709, dated January 7, 1873.

To all whom it may concern:

Be it known that I, JAMES W. SHANKLAND, of Summerfield, in the county of Noble, and in the State of Ohio, have invented certain new and useful Improvements in Lifting-Jack; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon making a part of this specification.

The nature of my invention consists in the construction and arrangement of a lifting-jack, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a perspective view, and Fig. 2 a section, of my lifting-jack.

A A represent two standards, placed a suitable distance apart, and connected at their lower ends by a foot or platform, B, and at their upper ends by a narrow bar, C. On the inner side of each standard A is a series of inclined grooves, *a a*, and one vertical groove, *b*, near the rear edge of the standard, this vertical groove extending the entire length of the standard. D represents the lever, provided with a pin, *d*, projecting on both sides thereof, and at the front end on the upper side

is provided with a cast piece, *e*, to receive the article to be raised. The pin *d* is passed through one of the grooves *a* in each standard, the lever passing between the standards. Upon the lower side of each groove are two semicircular recesses, *i i*, for the end of the pin *d* to rest in, and for lengthening or shortening the purchase of the lever.

By means of the vertical groove *b* the lever may be moved from point to point without the trouble of taking it out while using.

In the upper side of the lever D is made a longitudinal recess, *h*, having teeth formed in the bottom to receive and hold the end of a pawl, E, which is pivoted between the upper ends of the standards A A.

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

The combination of the standards A A with inclined grooves *a a*, notches *i i*, and vertical grooves *b*, the lever D with journal *d*, and the pivoted pawl E, all substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 22d day of October, 1872.

JAMES W. SHANKLAND.

Witnesses:

STEPHEN WILSON,
JOHN G. ROWND.