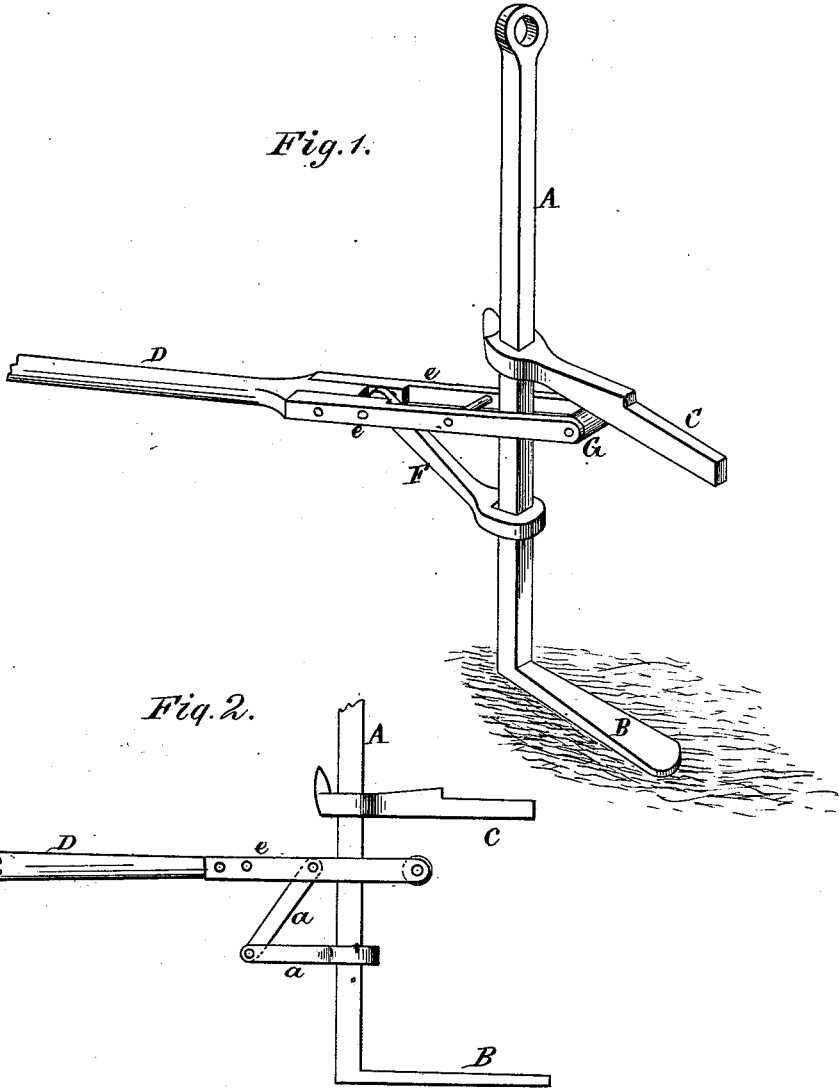


J. WEATHERS.

LIFTING-JACK.

No. 191,737.

Patented June 5, 1877.



WITNESSES

*Henry N. Miller*  
*Walter Galt*

INVENTOR

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# UNITED STATES PATENT OFFICE.

JAMES WEATHERS, OF GREENSBURG, INDIANA.

## IMPROVEMENT IN LIFTING-JACKS.

Specification forming part of Letters Patent No. **191,737**, dated June 5, 1877; application filed May 3, 1877.

*To all whom it may concern :*

Be it known that I, JAMES WEATHERS, of Greensburg, in the county of Decatur, and in the State of Indiana, 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 drawings, 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 the several devices hereinafter described for forming a lifting-jack, as will be set forth.

To enable those skilled in the art to make and use my invention, I will now proceed to describe its construction and operation.

In the accompanying drawings, making part of this invention, Figure 1 represents a perspective, and Fig. 2 a side elevation.

In the figures, A represents a standard, made usually of metal, and provided at its lower end with a foot, B. This standard is made of a square bar, as represented.

C represents an arm, which is provided with a square hole, through which the standard passes.

This arm plays up and down upon the standard, and, when weight is placed upon its outer end, it grips the standard in such manner as to hold it in the position wherever placed. D represents a lever, which has secured to its inner end two jaws, *e e*. The standard A passes between these jaws and through a square hole in one end of a bar, F. This bar

is hinged or pivoted at its other end between the jaws, as represented. At the outer end of the jaws, and between them, is placed a bar or roller, which presses, when the jack is in use, against the under side of the arm C.

Instead of the single bar F, which is pivoted to the lever, I may use in lifting heavy weights the two arms *a a*, (seen in Fig. 2,) which are pivoted together, and also to the lever at the end of one of them, as seen.

In using this invention the weight to be lifted is placed upon the outer end of arm C. The lever is then lifted at its inner end until the roller G rests against the under side of the arm; then, by pressing down upon the outer end of said lever, the arm C is elevated on the standard. The moment the lever stops lifting and its outer end is raised the arm C grips the standard, and remains where it was left by the lever.

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

The combination of the standard A, having foot B, the arm C with its opening, the lever D, having jaws *e e*, and bar or roller G on its end, and the bar or bars pivoted to the lever and connected to the standard, all constructed substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 23d day of April, 1877.

JAMES WEATHERS.

Witnesses:

JOHN S. BOOTHE,  
GEO. A. BOWER.