

(No Model.)

M. SMITH.
LIFTING JACK.

No. 301,930.

Patented July 15, 1884.

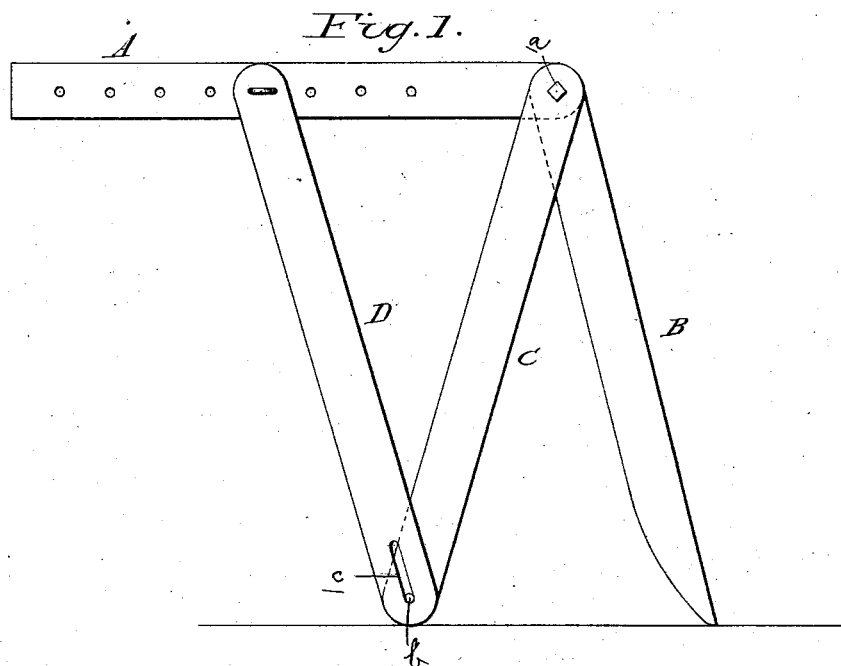
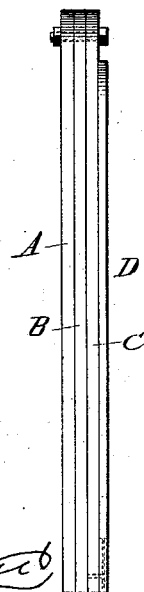


Fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

MARTIN SMITH, OF WAYNESBURG, PENNSYLVANIA.

LIFTING-JACK.

SPECIFICATION forming part of Letters Patent No. 301,930, dated July 15, 1884.

Application filed April 3, 1884. (No model.)

To all whom it may concern:

Be it known that I, MARTIN SMITH, a citizen of the United States, residing at Waynesburg, in the county of Greene and State of Pennsylvania, have invented a certain new and useful Lifting-Jack for Wagons, of which the following is a specification.

My invention relates to lifting-jacks, the object being to provide a device of this character which shall be cheap and simple in its construction, and effective and durable in its use.

A further object of the invention is to provide a lifting-jack which shall be capable of lifting a heavy load with but a slight expenditure of power, and one that may be folded to occupy a minimum amount of space.

With these ends in view the invention consists in the improved construction and combinations of parts hereinafter fully described, and pointed out in the claims.

In the drawings, Figure 1 is a side elevation of a lifting-jack constructed in accordance with my invention. Fig. 2 is an end elevation showing the jack closed or folded.

In the accompanying drawings, in which like letters of reference indicate corresponding parts in both the figures, A represents the lifting-lever, which is provided with a series of openings or perforations, as shown, in any one of which is pivoted an arm, D, by means of a removable pin, said arm D being provided at its lower end with an elongated slot or opening.

B represents an arm, which is pivoted to the outer end of the lifting-lever A. This arm B

is provided with a sharpened or pointed lower end, to prevent it from slipping when the jack is in operation.

C represents an arm, which is pivoted upon a bolt, *a*, at its upper end, said bolt *a* also pivotally connecting the lever A and arm B. It will thus be seen that when said parts are folded or closed the arm B will be inclosed by the lever A and arm C. The lower end of the arm C has an outwardly-projecting headed pin, *b*, which works in the slot *c* in the arm D. Thus a limited movement is allowed.

It will be seen from the above description that my improved jack is simple, may be manufactured and supplied at a slight cost, and that it may be folded to occupy a minimum amount of room.

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

1. In a lifting-jack, the combination, with the lever A, of the supporting-arms B C, pivoted to the outer end thereof, and an arm, D, pivoted to the lever A and arm C, substantially as set forth.

2. The combination, with the lever A, of the supporting-arms B C, pivoted to the outer end thereof, and an arm, D, pivoted in any one of a series of openings on the lever A at one end, and formed at its lower end with an elongated slot, in which works a headed pin projecting from the arm C, substantially as set forth.

MARTIN SMITH.

Attest:

W. W. PATTERSON,
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