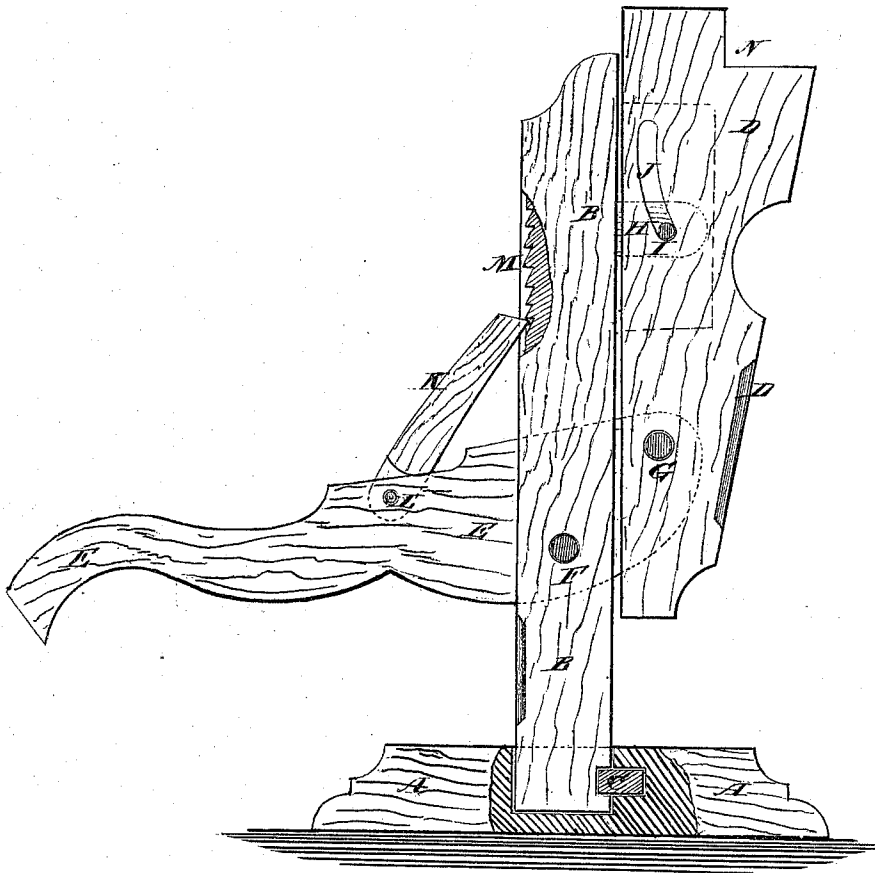


C. MAYNARD.

Improvement in Lifting-Jacks.

No. 128,806.

Patented July 9, 1872.



Witnesses:

P. B. Dietrich

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UNITED STATES PATENT OFFICE.

CHARLES MAYNARD, OF NORTH TOPEKA, KANSAS.

IMPROVEMENT IN LIFTING-JACKS.

Specification forming part of Letters Patent No. 128,806, dated July 9, 1872.

Specification describing a new and useful Improvement in Lifting-Jacks, invented by CHARLES MAYNARD, of North Topeka, in the county of Shawnee and State of Kansas.

The object of this invention is to improve and render more useful and effective the ordinary lifting-jack for wagons and other wheeled vehicles; and it consists in the construction of parts hereinafter described.

The drawing illustrates my invention.

A is a bed piece in which is secured the upright B by a key, C, which passes through the bed and engages with the stand, as seen. By driving out the key the stand is readily separated from the bed for packing and transportation. D is the lifting-block, and E is the lever. F is the fulcrum-pin of the lever which passes through the upright B. The lifting-block D is connected with the lever by the pin G, the leverage or purchase obtained being the distance between the centers of the fulcrum and the pin G. H is an arm, (seen in dotted lines,) which is attached to the upright B. In the edge of the lifting-block is a long mortise which this arm enters, as seen in dotted lines, which allows the block to work up and down on the arm. The block is kept in contact with the top of the upright by means of a pin, I, in the arm and a circular slot, J, in the block, as seen in the drawing. When the

lever is raised from the position seen in the drawing, the lower end of the block will be carried from the upright, but when it is in the position seen, the block is raised and in contact with the upright near its entire length. K is a pawl which is pivoted to the lever at L, which engages with the ratchet-teeth m, cut in the upright, by which means the lever is held down and the block up, as seen, so that when a wagon is raised it may be held in that position. N represents a notch in the top end of the block, which allows the jack to be applied to wagons of different height.

I am aware that jacks of similar form have been made and used before, but I am not aware that the parts have been connected together as I connect them. My object is to cheapen and simplify, and obviate objections to such jacks.

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

The bed A, upright B, block D, lever E, pawl K, arm H, pin I, and slot J, when the parts are connected together as shown and described, and for the purposes set forth.

CHARLES MAYNARD.

Witnesses:

BURR G. POWELL,
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