(No Model.)

F. A. BRANDENBURG.

LIFTING JACK.

No. 342,323. Patented May 25, 1886.

Fig. 1.

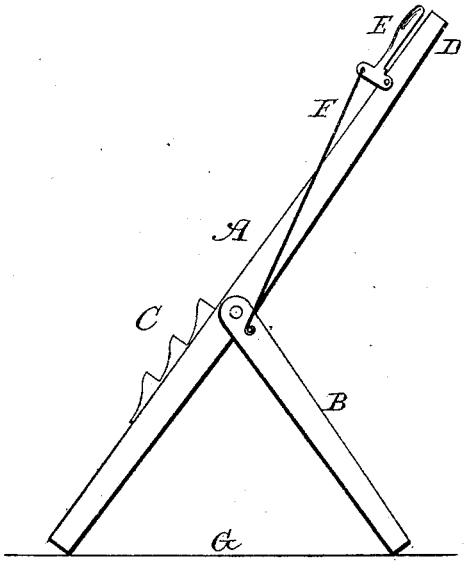


Fig. 2.

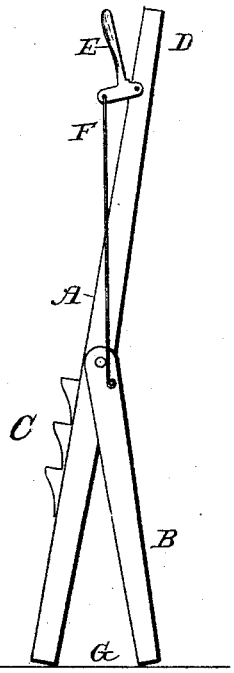
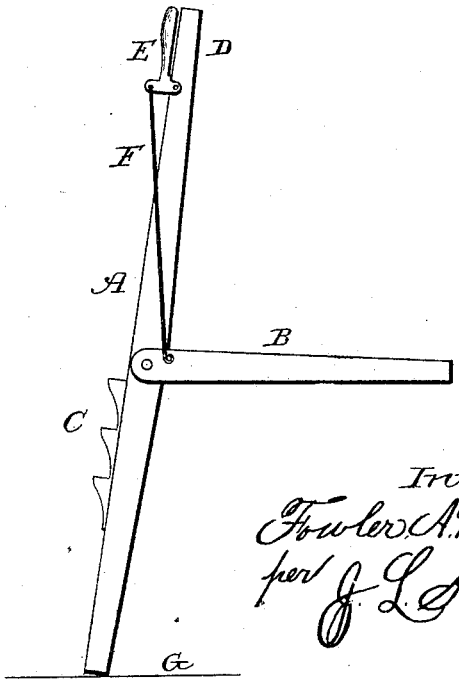


Fig. 3.



Witnesses:
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UNITED STATES PATENT OFFICE.

FOWLER A. BRANDENBURG, OF VANDALIA, OHIO.

LIFTING-JACK.

SPECIFICATION forming part of Letters Patent No. 342,323, dated May 25, 1886.

Application filed April 18, 1885. Serial No. 162,722. (No model.)

To all whom it may concern:

Be it known that I, FOWLER A. BRANDENBURG, a citizen of the United States, residing at Vandalia, in the county of Montgomery, State of Ohio, have invented a Lifting-Jack for Buggies, Carriages, and all Vehicles of the Kind, of which the following is a specification.

My invention relates to improvements in lifting-jacks for buggies, carriages, and all vehicles of the kind.

The objects of my invention are, first, to get a convenient lifting leverage whose use will require no more room than that upon which the vehicle stands; second, to have an automatic lock or fastening, so that the painter may use it and operate it entirely with one hand; third, that the person using it need not stoop at all; fourth, to produce an article so simple in construction and use and so cheap in price that it will be within the grasp and means of every one. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 represents the jack in position for placing it under the vehicle. Fig. 2 represents it in use under the vehicle. Fig. 3 represents it in position to be removed from the vehicle.

Similar figures and letters refer to similar parts throughout the several views.

A represents the main lever, which raises the wheel; B, the leg or prop, which swings freely on the bolt which attaches it to A; C, the notches which catch under the axle; D, the hand-hold; E, the small lever which is managed by the fingers of the hand which grasps D; F, the rod which connects E with B, and G the ground.

To use it, take by the handle D with one hand and clasp E with the fingers of the same hand, bringing it toward D; then throw the lower end well under the axle, so that one of the notches C catch under it. It will then have the position as represented in Fig. 1. Always stand behind the jack, then push D from you or toward the vehicle, loosening E; B will move from the inclined position shown in Fig. 1 to a substantially perpendicular position, as shown in Fig. 2, by which the vehicle will be raised. To remove, grasp D, clasping E with fingers of same hand, drawing E toward D. This will raise B and give it the position shown in Fig. 3, when D may be drawn toward you, the vehicle lowered, and the jack removed.

I am aware that prior to my invention lifting-jacks have been made with a bearing-down leverage.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination of the two beams A and B, attached by a bolt near C, and both controlled with one hand, at D, by means of the connecting-rod F and the small lever E, which combination affords lifting leverage, and automatic lock or fastening, as set forth.

FOWLER A. BRANDENBURG.

Witnesses:
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