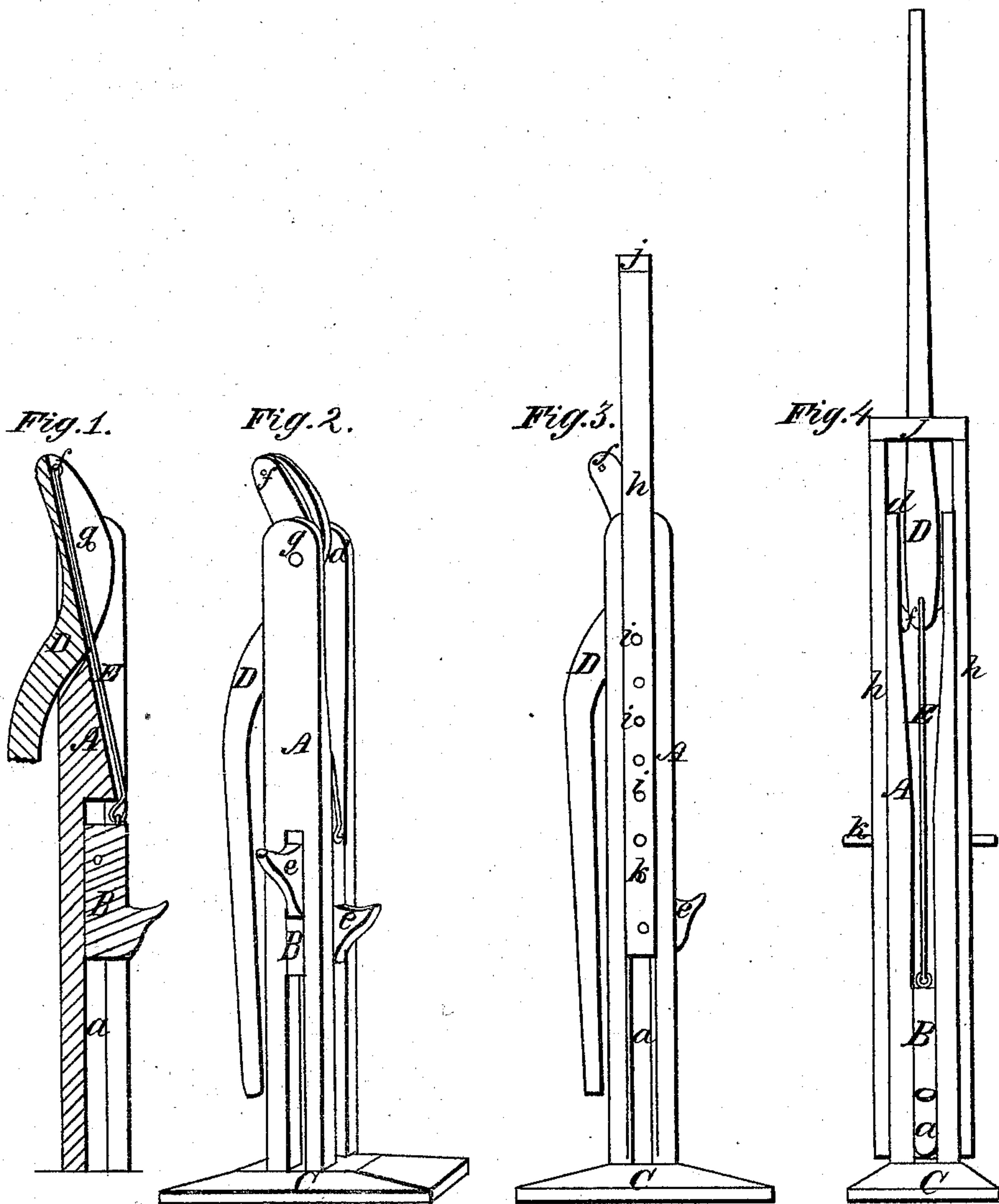


*R. B. Prindle,*  
*Lifting Jack,*  
*N<sup>o</sup> 68,003, Patented Aug. 20, 1867.*



*Witnesses.*

*Inventor:*

*Russel B. Prindle*  
*By Attorneys*  
*J. B. Woodruff & Son*

# United States Patent Office.

RUSSEL B. PRINDLE, OF NORWICH, NEW YORK.

*Letters Patent No. 68,003, dated August 20, 1867.*

## IMPROVEMENT IN WAGON-JACK.

*The Schedule referred to in these Letters Patent and making part of the same.*

### TO ALL WHOM IT MAY CONCERN:

Be it known that I, RUSSEL B. PRINDLE, of Norwich, in the county of Chenango, in the State of New York, have invented certain new and useful Improvements in Wagon and Lifting-Jacks, for other purposes; and the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 represents a side view section through the jack.

Figure 2 shows a perspective view of the wagon-jack.

Figure 3 shows a side view of the adjustable lifting-jack for wagons and other purposes.

Figure 4 is a front view of the same with the lifting portion depressed.

The object of my invention is to furnish a cheap wagon and universal jack, that will hold the weight lifted by its own gravity.

My invention consists in the construction, arrangement, and combination of the post, sliding gate, with its hooks attached, the connecting-rod and crooked fulcrum-lever by which the thing is lifted and held in position without any other agency or the aid of other fixtures; also in the adjustable bars on the sliding-gate.

To enable others to make and use my invention, I will describe it more fully, referring to the drawings and to the letters marked thereon.

The post A may be made of hard wood, of any suitable size, with grooves *a a* cut in the lower portion of it in which to fit the sliding-gate B. When the gate B is in its place the post A is firmly secured to the base-block C, so that it will stand upright. In the top of the post A there is an opening, *d*, in which the crooked fulcrum-lever D is hung, it being connected by a rod, E, to the sliding-gate B, so that the lifting on the hooks *e e* is directly in a line with the post, and when the fulcrum *f* of the lever D is brought to or past the centre of the fulcrum-pin *g* the article lifted is sustained firmly in the elevated position by its own gravity. For the purpose of taking hold of any object above the fulcrum-lever D, I have a frame made with two side pieces, *h h*, secured together at the top by a cross-piece, *j*, the slides *h h* working in slight grooves in the sides of the post A, they having a series of pin-holes, *i i i i*, through the lower portion, in which a rod or pin, *k*, may be put to hold them to the sliding-gate B, the pin *k* answering the purpose of the hooks *e e* for lifting light weights. The series of holes *i i* provides for adjusting the frame to any desired height, so that a light wagon-jack may be made useful for other and a great variety of purposes, as shown in figs. 3 and 4.

The advantages of my improved wagon and lifting-jack, as above described, will be readily seen and easily understood, the crooked fulcrum-lever answering the twofold purpose of raising and holding the weight when raised. They may be made of various sizes, so as to be applied to all the various purposes for which a lever-jack can be used.

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

The arrangement and combination of the slotted post A, sliding-gate B, with its hooks *e e*, connecting-rod E, and crooked fulcrum-lever D, whereby the weight is raised and held by the lever without the aid of other fixtures, as herein described.

I also claim the adjustable slide-frame *h h* attached to the gate B in the manner described, operating substantially as and for the purposes herein set forth.

R. B. PRINDLE.

Witnesses:

E. H. PRINDLE,

G. W. RAY.