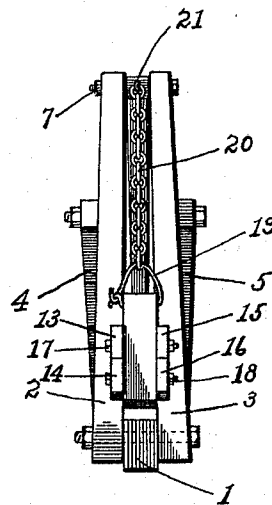
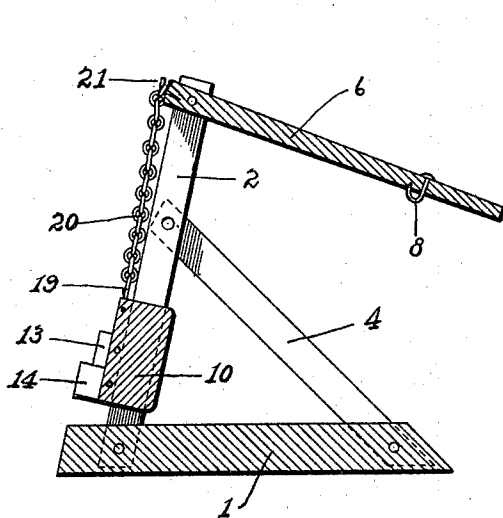
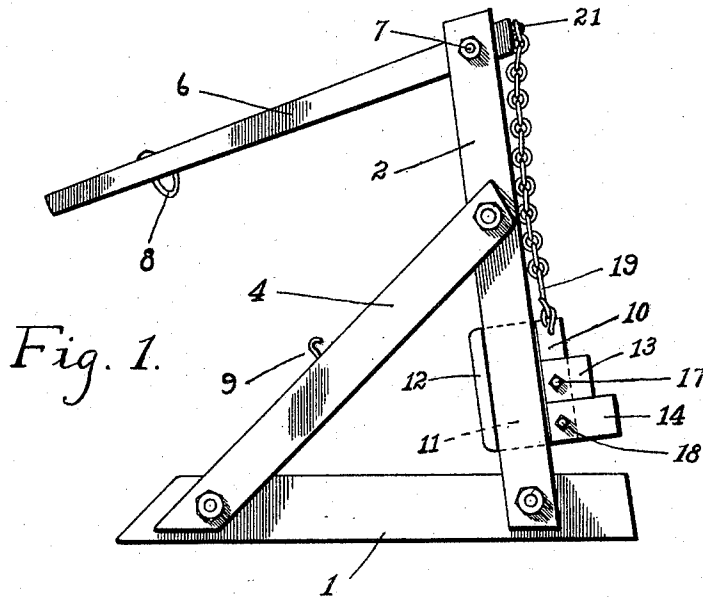


(No Model.)

C. H. BRENTON.
WAGON JACK.

No. 586,091.

Patented July 13, 1897.



Witnesses
F. B. Barry.
W. J. Mason.

Inventor
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UNITED STATES PATENT OFFICE.

CHARLES H. BRENTON, OF COAL BLUFF, INDIANA.

WAGON-JACK.

SPECIFICATION forming part of Letters Patent No. 586,091, dated July 13, 1897.

Application filed July 28, 1896. Serial No. 600,844. (No model.)

To all whom it may concern:

Be it known that I, CHARLES H. BRENTON, a citizen of the United States, residing at Coal Bluff, in the county of Vigo and State of Indiana, have invented certain new and useful Improvements in Wagon-Jacks; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to wagon-jacks.

My object is to provide a more simple, cheap, and powerful wagon-jack which will be of such peculiar construction that it can be more satisfactorily operated with a minimum expenditure of force, and one which, while being exceedingly strong, will be light and portable.

Having this object in view, my invention consists of a wagon-jack comprising certain novel features and combinations appearing more fully hereinafter.

In the accompanying drawings, Figure 1 is a side elevation of my improved wagon-jack; Fig. 2, a sectional elevation, and Fig. 3 a front edge view.

The numeral 1 designates the base-pieces of the frame of the jack, while 2 and 3 are upright rearwardly-inclined pieces which serve both as braces and guides. Inclined braces 4 and 5 have their lower ends connected to the rear end of the base 1 and have their upper ends connected to the respective guides 2 and 3. A hand-lever 6 has its forward end pivoted on a bolt 7, which extends through the upper ends of the guides, and this lever is of sufficient length so that a powerful leverage can be obtained. A loop 8, connected to the lever, and a hook 9, projecting from brace 5, afford means whereby the lever can be locked in depressed position, so that the lifting-block, which will now be described, can be held raised at the desired point. My improved lifting-block is made of four pieces and a slide, to which the pieces are connected. The slide is designated by the numeral 10. It is provided with a reduced neck 11 and a rear head 12, said neck being adapted for movement between the guides 2 and 3 and the head preventing the slide from falling out of position. Four pieces are connected to

this slide, two being located on each side thereof, and are designated by the numerals 13, 14, 15, and 16. It will be observed that the two lower pieces 14 and 16 project out farthest in front of the slide, while the pieces 13 and 15 are somewhat shorter, and the slide at its top is shorter from front to rear than pieces 13 and 15. Thus it will be seen that a stepped lifting-block is provided. The pieces 13 and 15 are connected to the slide 11 by bolt 17, while the two lower pieces are fastened in position by a bolt 18.

The numeral 19 designates a link of substantially triangular shape, which has a portion passed through the upper end of the slide, being pivotally connected thereto. A chain 20 is connected to this link and adapted for engagement with a hook 21, which is connected to the front end of the lever. Means are thus provided so that by adjusting the chain and locking it to the hook a higher or lower lift can be obtained.

It is obvious that slight and immaterial changes of construction might be resorted to in carrying out my invention, and hence I consider myself entitled to all such modifications as come within the spirit of the invention.

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

The herein-described lifting-jack comprising the combination with a base, of separated guides, a lifting-block slidable between said guides, an open link or bail pivotally connected to the lifting-block, a lever pivoted between the guides, a hook connected to the free forward end of the lever, a chain connected to the open link or bail and adapted to have its links detachably engaged with the hook, and a hook-and-loop connection, the members of which are connected to the frame and the lever, whereby the lever may be held locked when in depressed position.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

CHARLES H. BRENTON.

Witnesses:

JAMES A. SMITH,
GEORGE W. TARVIN.