

(No Model.)

D. C. SWETT.

WAGON JACK.

No. 265,179.

Patented Sept. 26, 1882.

Fig. 1.

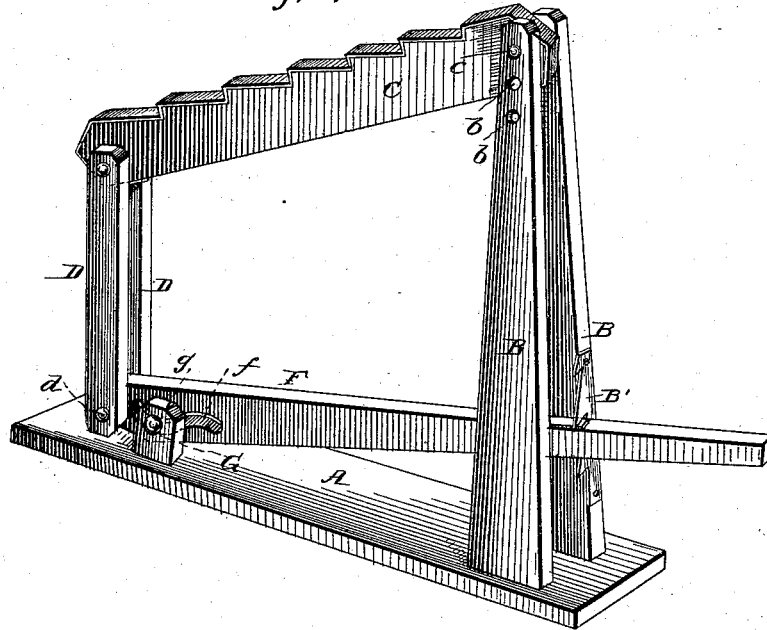
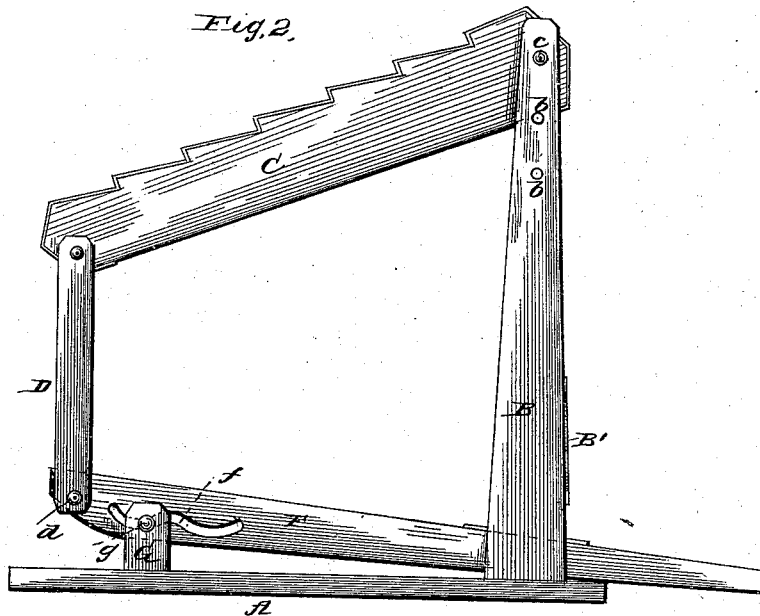


Fig. 2.



WITNESSES:

Med. L. Dieterich.
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INVENTOR

Daniel C. Swett, INVENTOR.
by Louis Ruggler & Co. ATTORNEYS.

UNITED STATES PATENT OFFICE.

DANIEL C. SWETT, OF BETHEL, MAINE.

WAGON-JACK.

SPECIFICATION forming part of Letters Patent No. 265,179, dated September 26, 1882.

Application filed July 18, 1882. (No model.)

To all whom it may concern:

Be it known that I, DANIEL C. SWETT, of Bethel, in the county of Oxford and State of Maine, have invented certain new and useful
5 Improvements in Wagon-Jacks; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective view of my improved wagon-jack, and Fig. 2 is a side view
15 of the same.

Similar letters of reference indicate corresponding parts in both figures.

My invention has relation to wagon-jacks; and it consists in the improved construction
20 and combination of parts of the same, as hereinafter more fully described and claimed.

In the accompanying drawings, the letter A represents the base or sill of the jack. B B are the two uprights or standards, at the top
25 of which the stepped lever C is pivoted. The standards B have holes *b b* for the insertion of the bolt *c*, so that the fulcrum of lever C may be raised and lowered to suit wagons of any height of axle. At the other end lever
30 C is pivoted to the arms D D, which again at the lower ends are pivoted to the lifting-lever F by bolt *d*. The fulcrum-bolt *g* passes through the two short uprights G G and through the curved or *z*-shaped slot *f* in lever F. This

slot serves to change the fulcrum of lever F 35 by allowing it to be moved forward or backward, as it may be desired to move the fulcrum farther from or nearer to the bolt *d*. A notched plate, B', is fastened to one of the uprights B, and serves to engage with the free end of lever F and hold it when the jack is used for lifting. 40

From the foregoing description, taken in connection with the accompanying drawings, the advantages and operation of my invention 45 will be readily understood.

By using the stepped lever C, connected with the lifting-lever F by arms D D, I obtain a large leverage without requiring much room or great length of stroke. 50

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

The combination, in a lifting-jack, of the sill or base A, having the posts B B and short uprights G G, stepped lever C, adjustable fulcrum *c*, arms D D, and lifting-lever F, slotted at *f*, and pivoted to the lower end of arms D by bolt *d*; the whole constructed and combined to operate substantially in the manner 55 and for the purpose herein shown and set forth.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

DANIEL C. SWETT.

Witnesses:

WILLIAM R. CARY,
CHARLES V. MARTIN.