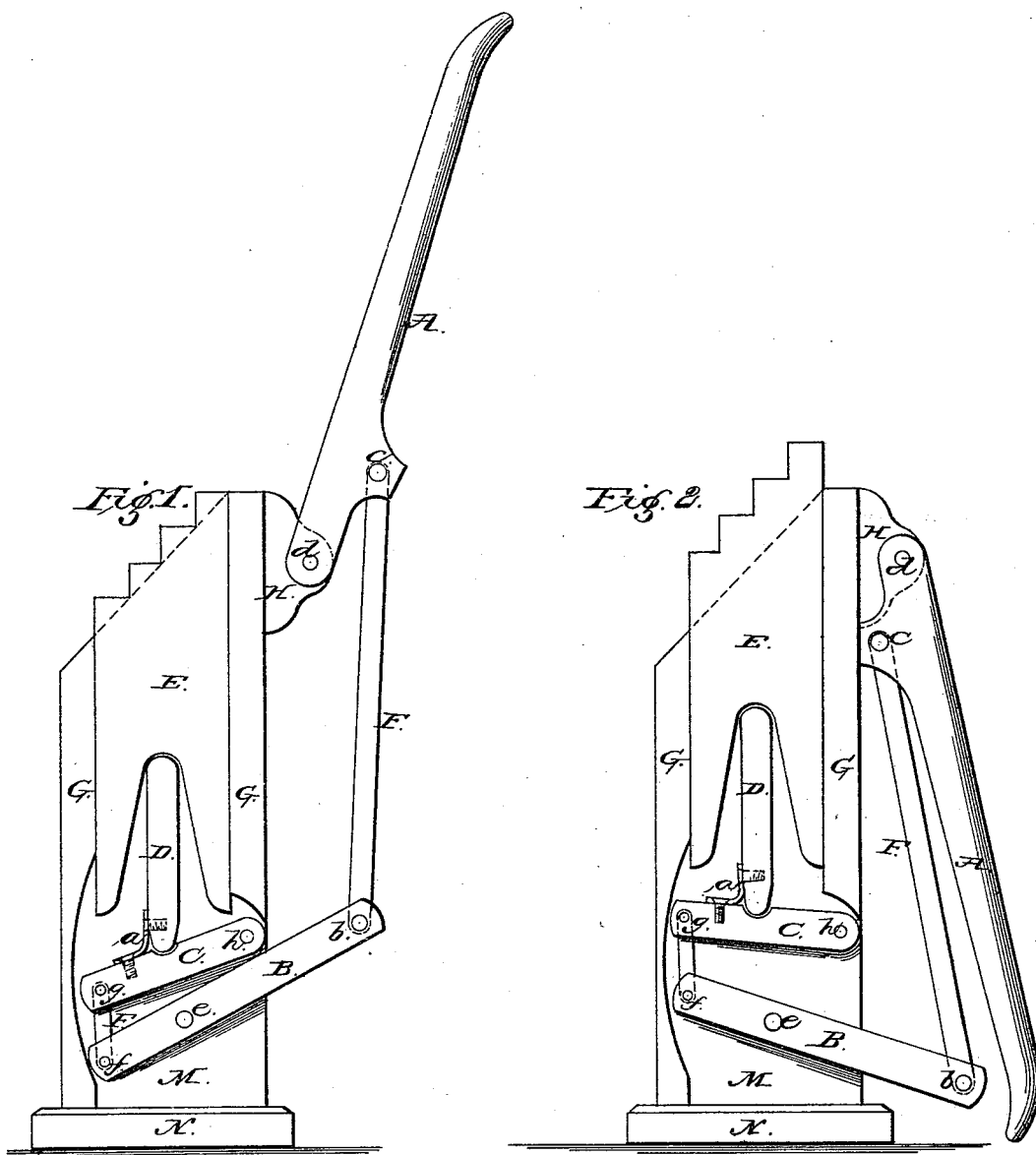


J. SAWYER.
Wagon Jack.

No. 165,689.

Patented July 20, 1875.



Witnesses:

J. P. Hill
H. E. Deavitt.

Inventor:

Joshua Sawyer.
Per J. Deavitt.
Attorney.

UNITED STATES PATENT OFFICE.

JOSHUA SAWYER, OF NORTHFIELD, VERMONT, ASSIGNOR OF ONE-HALF HIS
RIGHT TO EDMOND W. COCHRANE, OF SAME PLACE.

IMPROVEMENT IN WAGON-JACKS.

Specification forming part of Letters Patent No. 165,689, dated July 20, 1875; application filed
June 7, 1875.

To all whom it may concern:

Be it known that I, JOSHUA SAWYER, of Northfield, in the county of Washington and State of Vermont, have invented an Improved Wagon-Jack, of which the following is a specification:

The object of my invention is to provide a jack for raising wagons, &c., by the combination of levers, rods, and posts, as hereinafter described.

The accompanying drawings form a part of this specification.

Figures 1 and 2 are views of my improved jack with one side removed, showing the levers and their connections.

A, B, and C are levers connected by bars F F. D is a post resting upon lever C, and held to it by brace *a*. The levers B and C are attached to the sides M M by pins *e h*.

To operate my device place the jack under the wagon, with sliding block E resting against the axle. Then bring the handle or lever A down toward the ground or base of the jack. By this operation levers B and C are raised, which raises post D and sliding block E. When the handle is brought near the base of the jack it remains there until it is desired to lower the object raised, which is done by returning the handle A to the position it occupies before the axle was raised.

I claim as my invention—

The combination of the three levers A, B, and C, with rods F F, post D, and sheave E, substantially as and for the purpose set forth.

JOSHUA SAWYER.

Witnesses:

T. J. DEAVITT,
E. W. COCHRANE.