

J. B. Austborne,

Lifting Jack.

No. 93,512.

Patented Aug. 10. 1869.

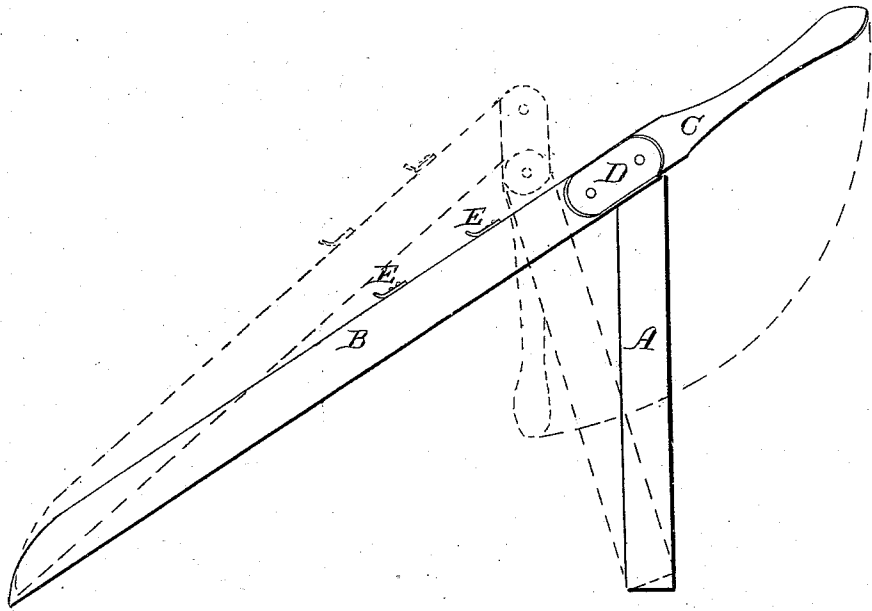


Fig. 1.

Witness

Perry B. Smith

Francis Benninghausen.

Inventor

James B. Austborne

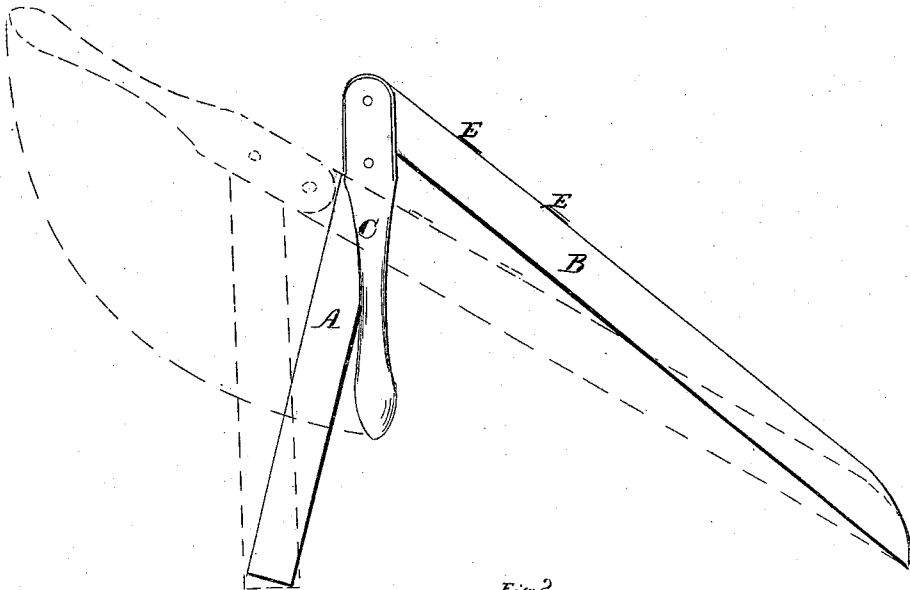


Fig. 2.

United States Patent Office.

JAMES B. AUSBOURNE, OF MILWAUKEE, WISCONSIN, ASSIGNOR
TO HIMSELF AND HIRAM MALLORY, OF SAME PLACE.

Letters Patent No. 93,512, dated August 10, 1869; antedated August 5, 1869.

IMPROVED LIFTING-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, JAMES B. AUSBOURNE, of the city and county of Milwaukee, and State of Wisconsin, have invented a new and useful Improvement in Lifting-Jacks; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification, in which—

Figure 1 is a view of the jack, set ready for lifting a load, with the operating-lever on the back side.

Figure 2, a view of the jack in position, when the load is lifted, with the operating-lever on the front side.

Similar letters of reference, in each of the figures, indicate corresponding parts.

The object of my invention is to produce a simple machine, of great power, for lifting loads in an expeditious manner.

A, the fulcrum-standard.

B, the lifting-beam.

C, operating-lever.

D, cheek or jaw, forming a part of the frame opposite lever C, through which pass bolts, as shown.

This cheek D is bound with metal, and the ends of the fulcrum A, beam B, and lever C, are also metal

bound when the jack is made of wood; when made of metal such binding is unnecessary.

E E are chocks on beam B, for the load to be raised to rest on.

Operation.

Place the jack in the position shown in fig. 1, with the beam B under the load to be raised, so that the load may be above (or hung under) one of the chocks E. Then bear down on lever C, when the jack will raise the load, moving, as shown in the red dotted lines, till it assumes the position shown in fig. 2, the beam B resting one end on the ground and the other on fulcrum A, where it will remain without the necessity of using any fastening to keep it there.

When the load is to be lowered, take hold of lever C, draw it back, as shown in the dotted lines in fig. 2, till it is back to the position shown in fig. 1.

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

A lifting-jack, consisting of fulcrum-post A, lifting-beam B, lever C, and cheek D, when constructed to operate substantially as described.

JAMES B. AUSBOURNE.

Witnesses:

PERCY B. SMITH,

FRANCIS BENINGHAUSEN.