

A. M. Culver, LIFTING JACK.

74512

PATENTED
FEB 18 1868

Fig. 1,

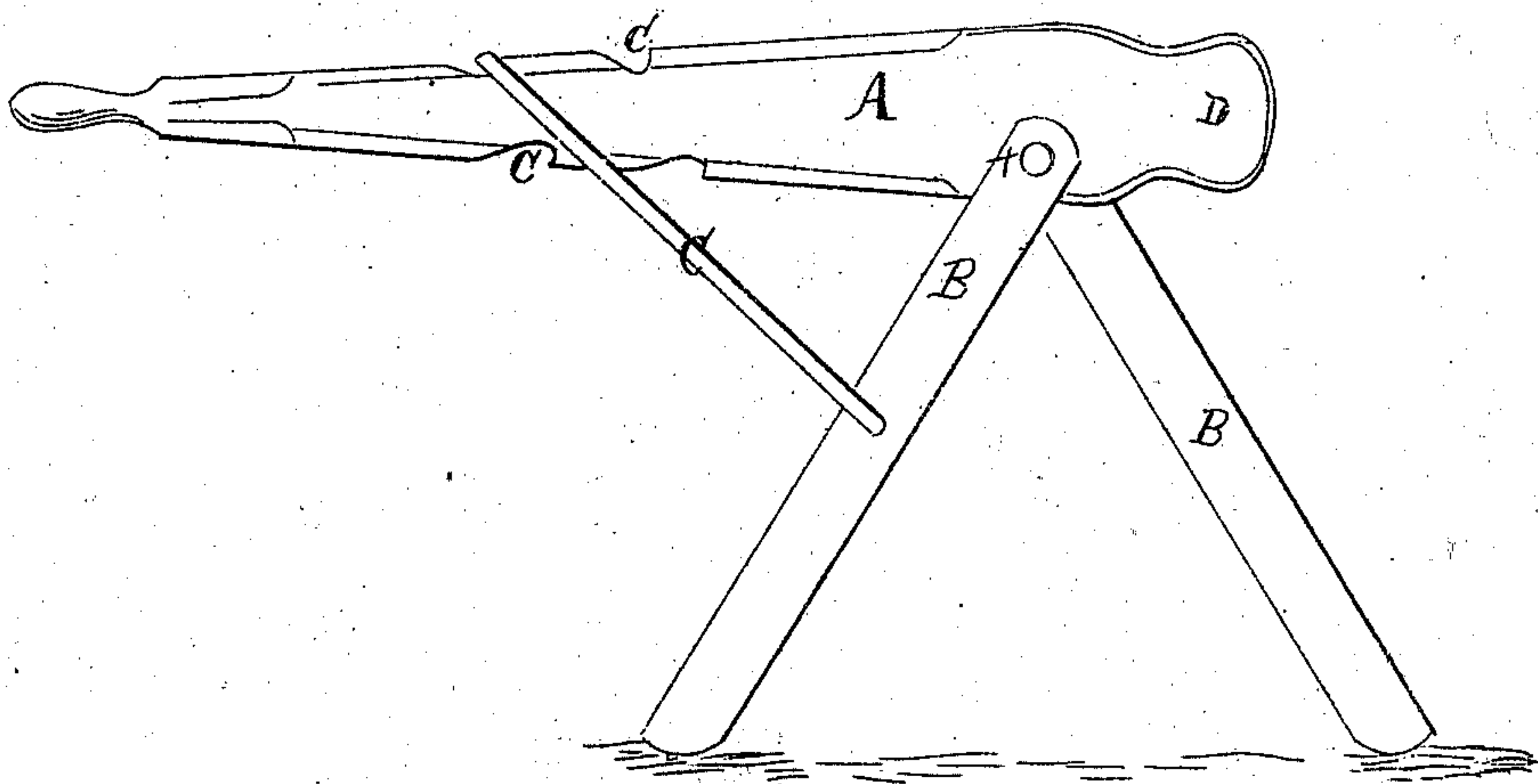


Fig. 2,

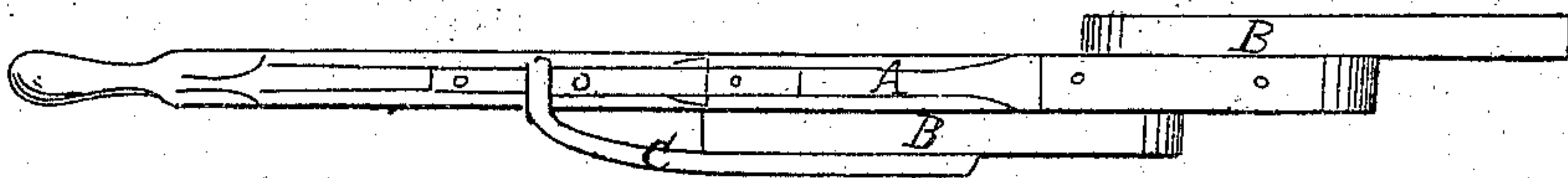
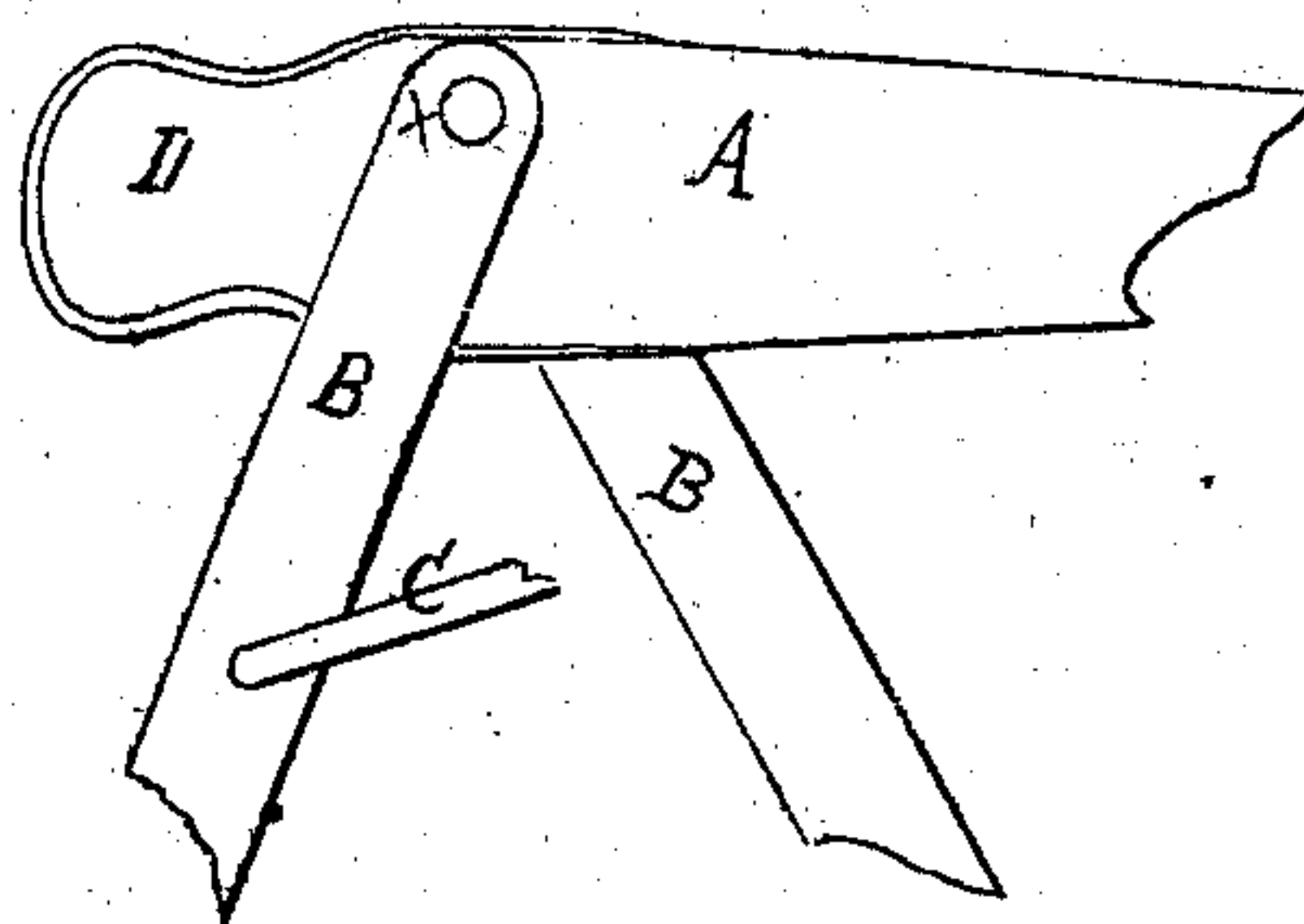


Fig. 3,



Inventor
A. M. Culver

Witnesses
W. H. Sumner
J. Holmes.

United States Patent Office.

A. M. CULVER, OF BEDFORD, OHIO.

Letters Patent No. 74,512, dated February 18, 1868.

IMPROVEMENT IN 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, A. M. CULVER, of Bedford, in the county of Cuyahoga, and State of Ohio, have invented a new and useful Lifting-Jack, it being an improvement of a lifting-jack for which a patent was granted to me, February 19, 1867; and I do hereby declare that the following is a full and complete description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a side view of the jack.

Figure 2, a view of the top.

Figure 3 is also a side view.

Like letters of reference refer to like parts in the several views.

A, fig. 1, a lever or handle, mounted upon the legs B, said legs being pivoted to the handle at the point *x*, thereby allowing them to swing freely so that they can be spread apart or brought close together, as and for a purpose hereafter shown. C is a link or rod, one end of which is secured to the leg of the jack, whereas the other is made to extend up to the handle, and hooked into one of the notches C', whereby the jack is held in position while being in use.

The practical operation of this jack is as follows, viz: The end, D, is placed under the axle or other thing to be raised, the height of the jack being adjusted to the height of the axle, by spreading out the legs or bringing them closer together, as the case may be. Now, on depressing the long arm of the lever, the short arm will be correspondingly raised, thereby lifting up the weight, and which is held thus by the rod C, referred to, being slipped into one of the notches C. The position of the jack, when thus in use, is shown in fig. 1.

It will be obvious that this jack is easily and readily adjusted to any ordinary height of axle, by simply spreading out the legs, or bringing them closer together, as the case may be. It will also be observed that the legs are pivoted near to one side of the handle or lever, the purpose of which is to aid in adjusting the jack to the varying heights of the axles, and which is done by reversing the relative position of the lever from that shown in fig. 3, to that shown in fig. 1, in which it will be seen that the width between the pivot and edge of the handle is reversed, thereby adding to the height of the jack, as shown in fig. 1, without changing the position of the legs, which are supposed to be alike in both figures.

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

The adjustable legs B, lever A, and rod C, constructed, combined, and arranged to operate in the manner as and for the purpose set forth.

A. M. CULVER.

Witnesses:

W. H. BURRIDGE,

J. HOLMES.