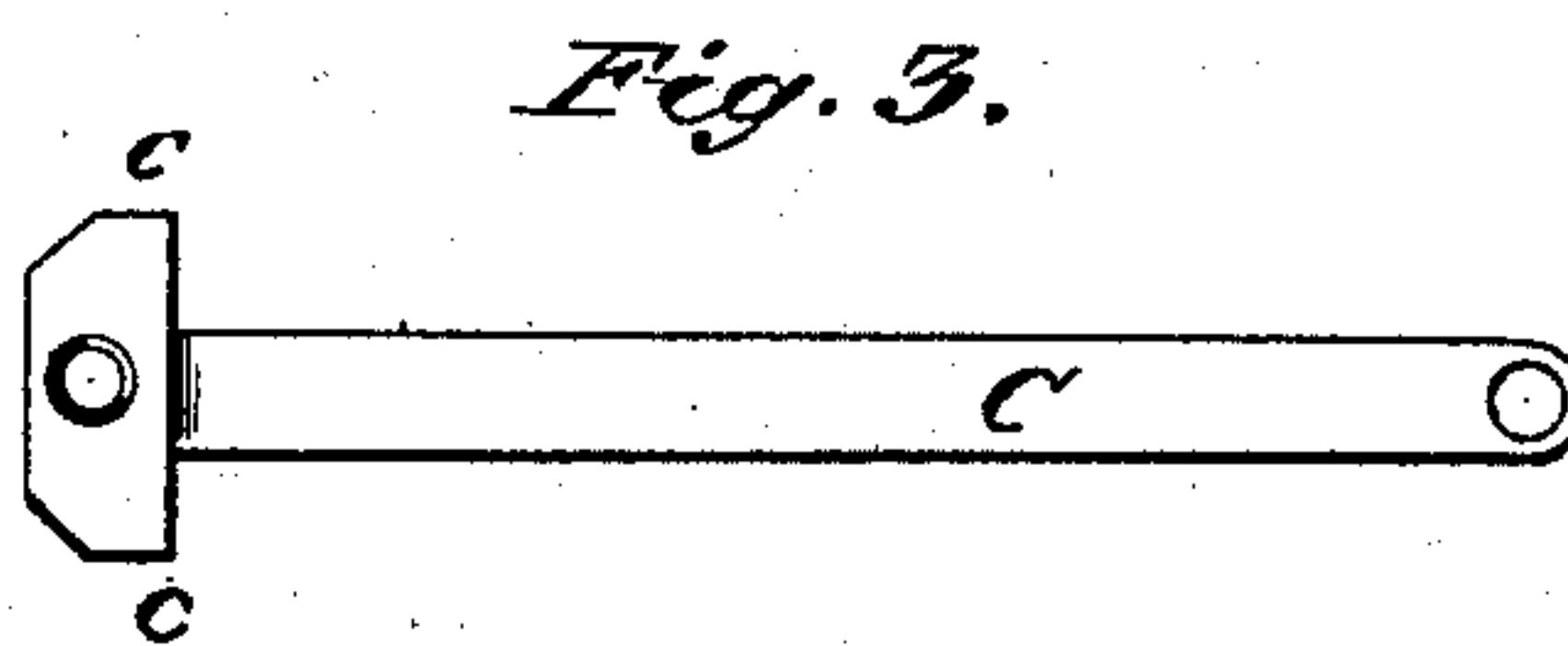
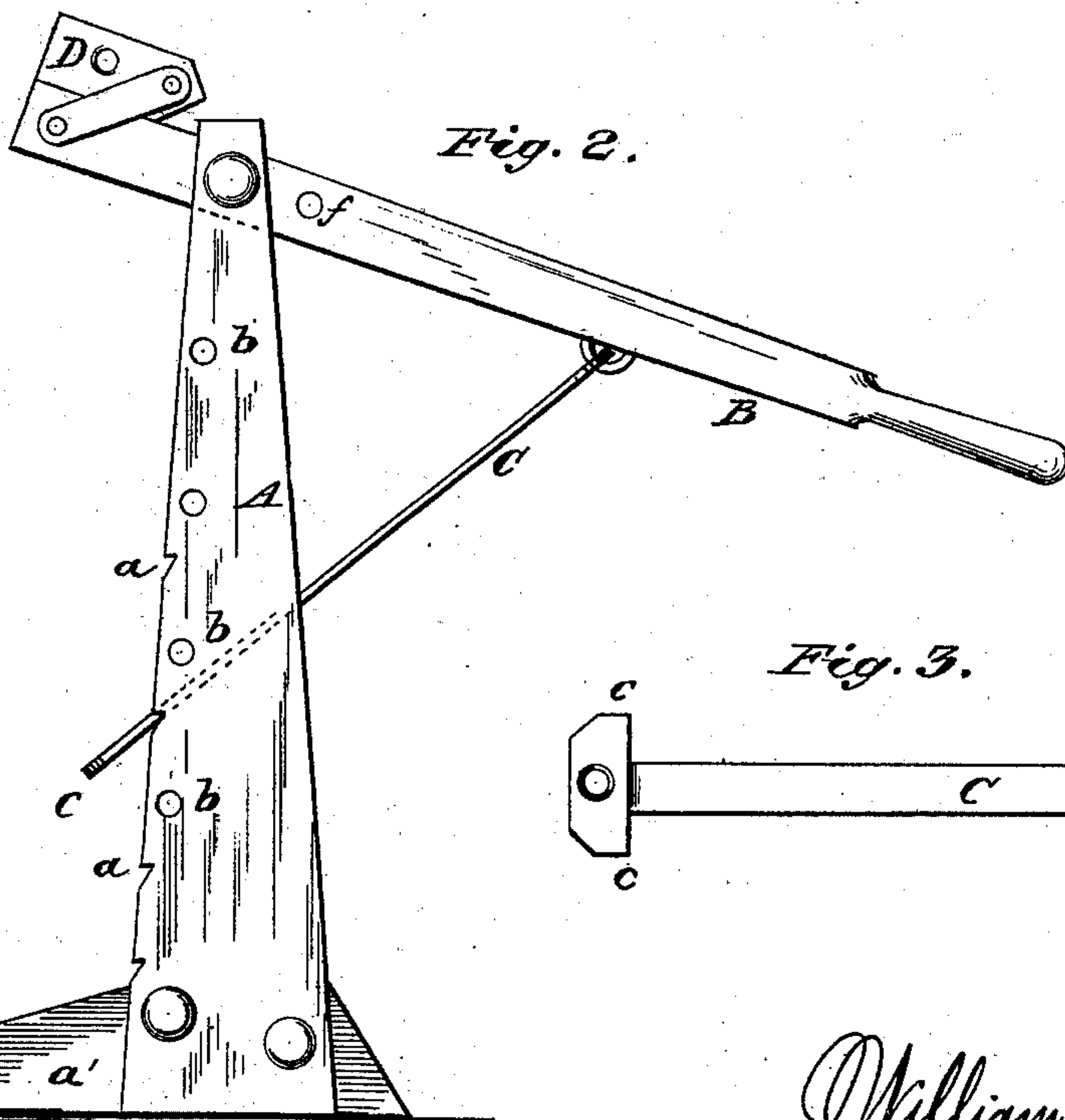
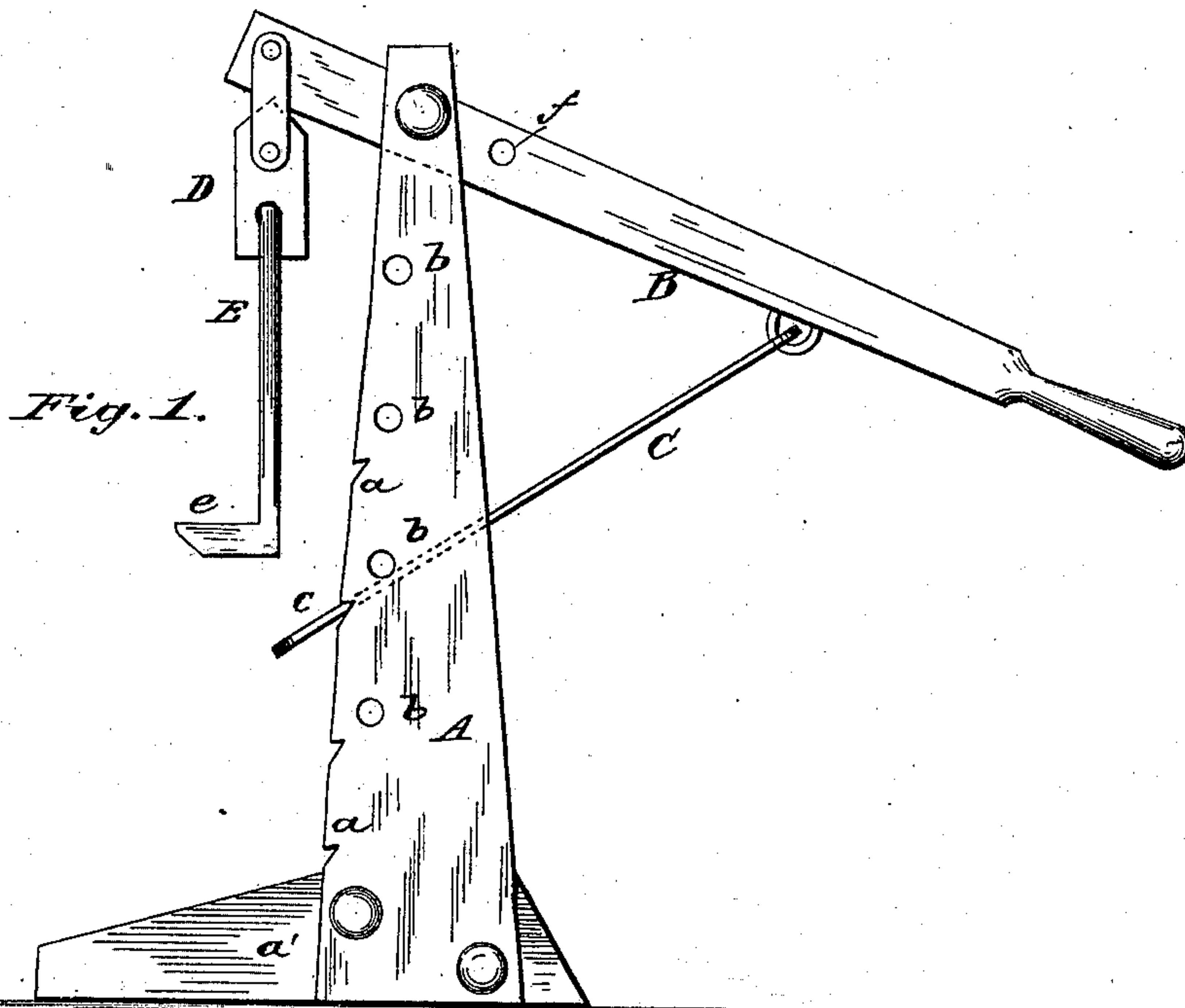


W. M. CRAWFORD.  
Lifting-Jack.

No. 203,711.

Patented May 14, 1878.



Witnesses  
Fred. L. Dutrich  
J. W. Master

Inventor  
William M. Crawford  
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Attys.

# UNITED STATES PATENT OFFICE.

WILLIAM M. CRAWFORD, OF SHILOH, OHIO.

## IMPROVEMENT IN LIFTING-JACKS.

Specification forming part of Letters Patent No. **203,711**, dated May 14, 1878; application filed April 9, 1878.

*To all whom it may concern:*

Be it known that I, W. M. CRAWFORD, of Shiloh, in the county of Richland and State of Ohio, have invented certain new and useful Improvements in Lifting-Jacks; and I do hereby declare that the following is a full, clear, and exact description thereof, 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, and to letters of reference marked thereon, which form a part of this specification, and in which—

Figure 1 is a side view of my improved lifting-jack. Fig. 2 is a similar view thereof, with an attachment for lifting fences, &c.; and Fig. 3 is a detached plan view of the stay or lever which serves to hold the lifting and supporting lever in position.

This invention appertains to certain improvements in lifting-jacks; and it consists of notched parallel uprights, between which is fulcrumed a lifting and supporting lever, having a stay or lever engaging the notches of the said uprights; and, secondly, of the combination, with the above, of certain other elements, substantially as hereinafter more fully set forth.

In the annexed drawing, A A mark two parallel uprights, preferably of an A shape, and provided upon their front edges with notches *a a*, the function of which will be presently described. The lower ends of these uprights are bolted to a foot or foundation, *a'*. Between the upper ends of these uprights is fulcrumed a lifting and supporting lever, B, whose fulcrum may be adjusted to any opposite two of a series of apertures, *b b*, in the uprights A A in adapting the height of the lever B to that of the axle or other weight it is desired to lift. Pivoted or hung to the lever B is a lever

or stay, C, provided with arms *c c*, which enter any opposite two of the notches *a a*, to enable the stay or lever C to hold the lever B in position when supporting the lifted axle or other article. To the short arm of the lever B is suspended a block or pendant, D, which is adapted to permit the attachment thereto of a hook-shaped device, E, the latter being provided with an arm, *e*, for that purpose. The object of this device is to adapt the jack to lifting fences and the like, as will be readily understood from Fig. 1.

The short arm of the lever B may be lengthened when it is used in the latter-mentioned capacity by adjusting its fulcrum to the aperture *f*.

This invention is adapted not only to lift and support the axles of vehicles, but also to lift fences and the like, as already intimated.

In lifting the hind axles it may be found necessary to fold the block D upon the short arm of the lever B, from which it is hung.

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

1. The notched uprights A A with perforations *b*, stay C with arms *c c*, lever B with block D, and hook E, substantially as shown and for the purpose specified.

2. The stay-bar C with arms *c c*, operating in notches *a*, the adjustable lever B, operating, as desired, in apertures *b*, block D, and hook E, substantially as shown and described.

In testimony that I claim the foregoing as my own invention I affix my signature in presence of two witnesses.

WILLIAM M. CRAWFORD.

Witnesses:

JOHN P. BLACK,  
JAMES BLACK.