

Wicke & Evans.

Horse Hay-Fork.

N^o 63345

Patented Mar. 26, 1867.

Fig. 1.

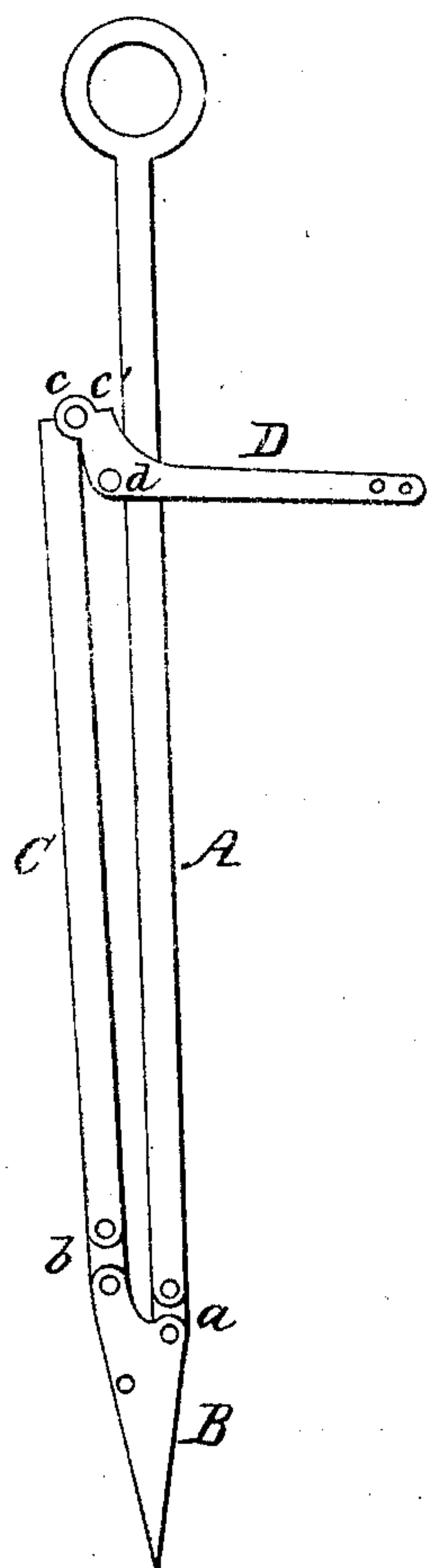
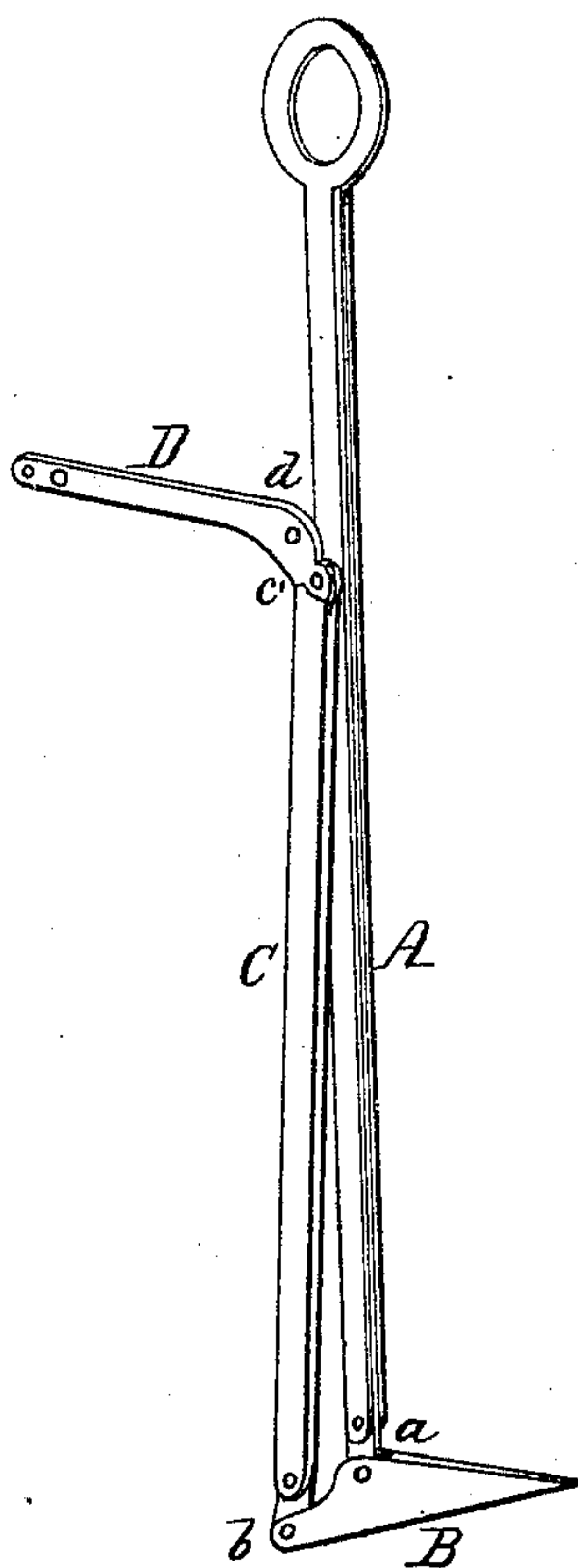


Fig. 2.



Witnesses.

W. H. Burridge.

Frank Alden.

Inventors.

A. F. Wicke.

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United States Patent Office.

A. F. WICKE AND OWEN EVANS, OF ALLIANCE, OHIO.

Letters Patent No. 63,345, dated March 26, 1867.

IMPROVEMENT IN HORSE HAY-FORK.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that we, A. F. WICKE and OWEN EVANS, of Alliance, in the county of Stark, and State of Ohio, have invented new and useful improvements in Horse Hay-Forks; and we do hereby declare that the following is a full and complete description of the construction and operation of the same, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a view of the fork when in a position to enter the hay; and

Figure 2 is a view in the position to raise the hay.

The fork consists of four parts. A is a straight rod with a ring at the top for the hoisting rope. B is a sharp-pointed foot-piece pivoted to A by a flat link-joint, *a*, a little back of the middle. C represents a connecting-rod that is pivoted to the heel of the foot B by a hinge or joint, *b*, and D represents a bent lever that is pivoted at its angle *d* to the rod A near the top. The short arm of the lever is pivoted by a hinge-joint to the upper end of the connecting-rod C. The short arm of the lever D has a shoulder, *C'*, which is brought into contact with a like shoulder on the end of rod C, when brought into the position shown in fig. 2. The lever D has a hole in its outer end to receive a cord by which it is operated.

In using this fork, the lever D is thrown into the position shown in fig. 1, which brings the foot into line with the rod A, in which position it is thrust deeply into the load of hay. The lever D is then turned over to the position shown in fig. 2, which brings the foot at right angles to the rod A, where it is held by the act of pressure upon the toe of the foot B by contact of the shackles *C'*. The cord from lever D by passing through the ring at the upper arm of A, and thence to the operator, by being pulled when the quantity of hay taken up by the fork has been elevated to the desired place, allows the foot B to come into the position seen in fig. 1, and the hay is released.

What we claim as our improvement, and desire to secure by Letters Patent, is—

The rod A, foot B, connecting-rod C, and lever D, provided with the shoulder *C'*, when these several parts are constructed and operated as and for the purpose set forth.

A. F. WICKE,
OWEN EVANS.

Witnesses:

H. LAUGHLIN,
C. C. MULFORD.