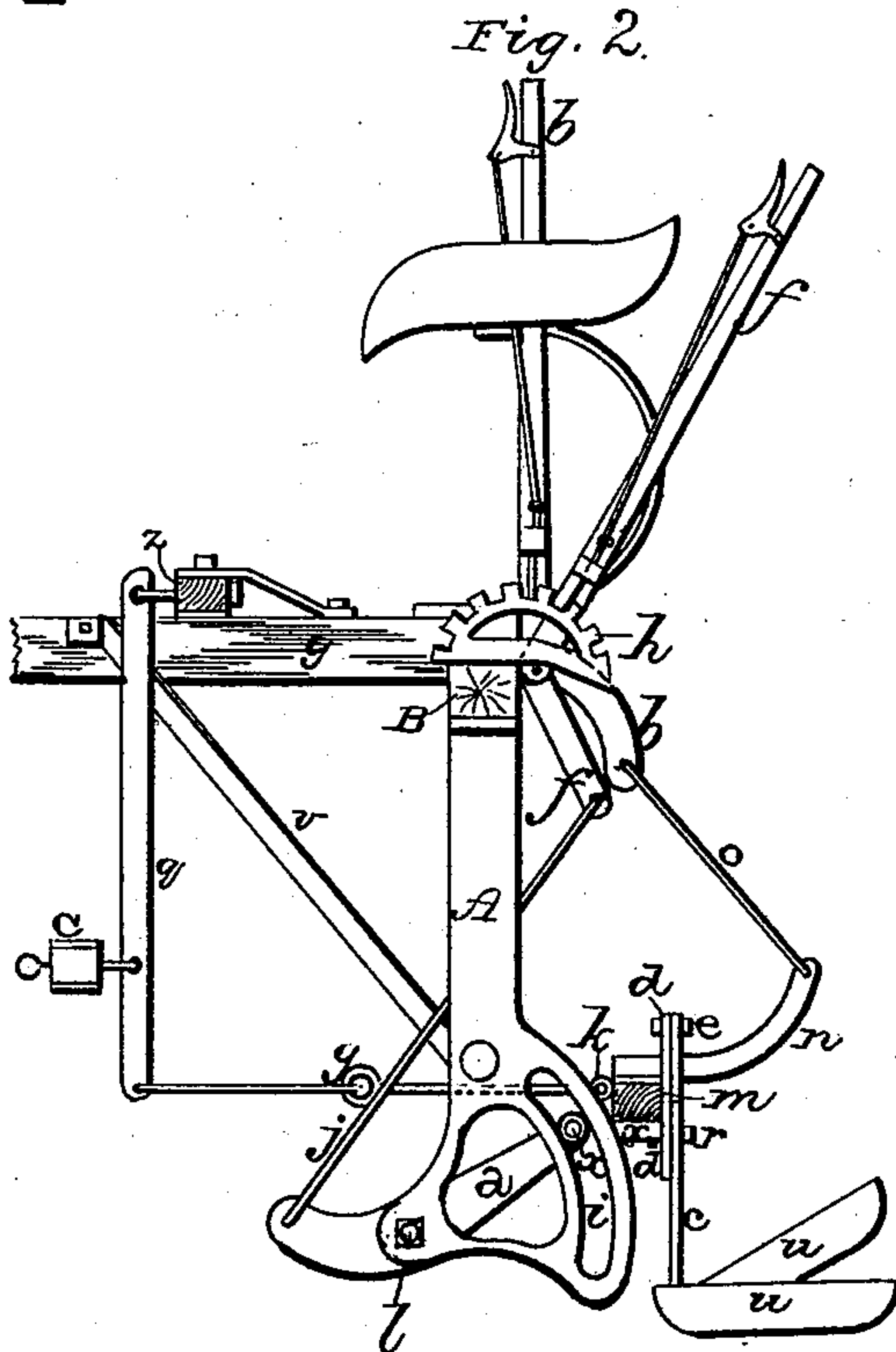
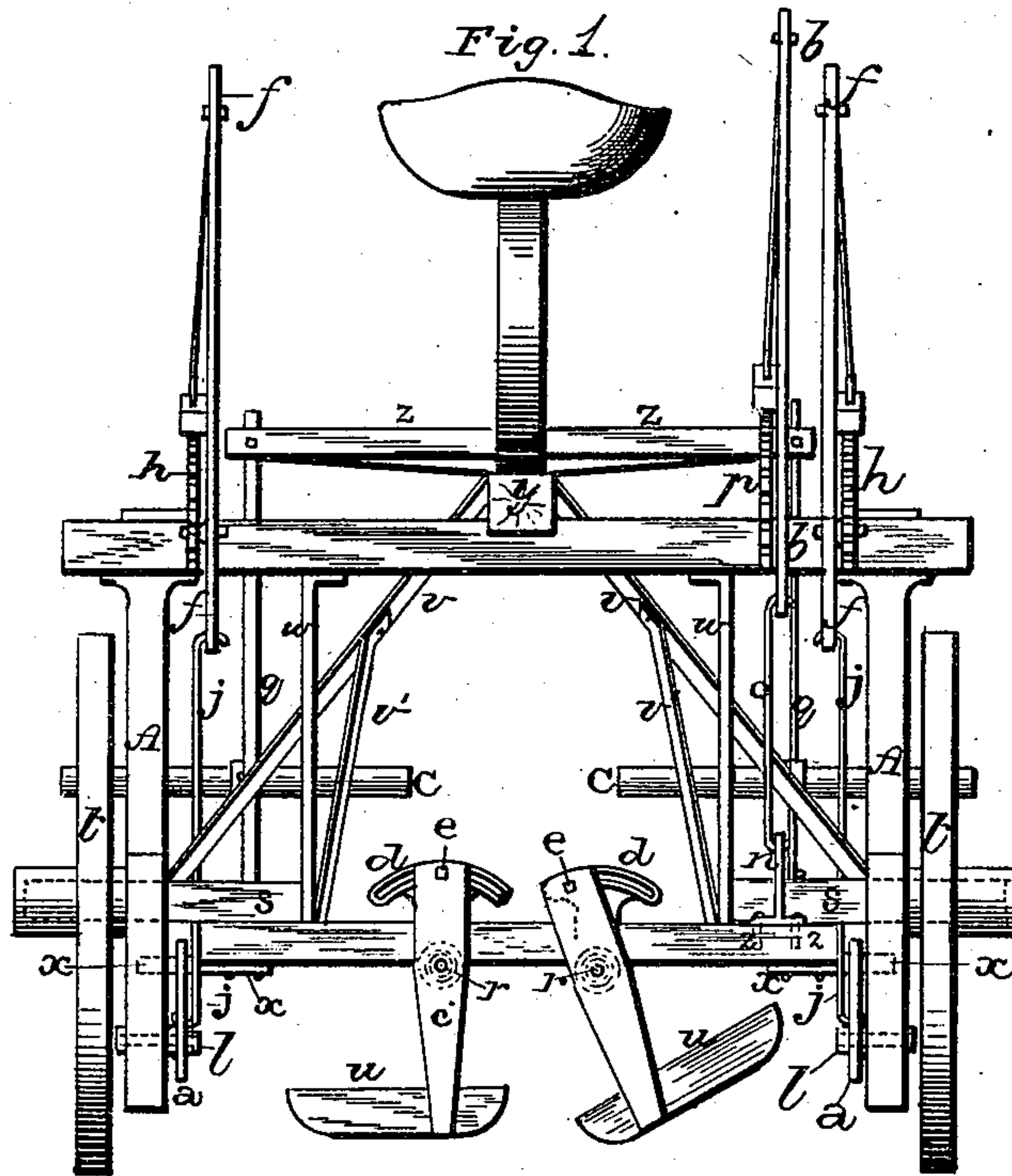


(No Model.)

E. DIMITY.  
WEED CUTTER.

No. 548,972.

Patented Oct. 29, 1895.



Witnesses

Witnesses  
Albert Hopkins  
Geo. H. Snyder

Inventor.

per  
E. Dimitry,  
By W. Stackpole,  
Attorney

# UNITED STATES PATENT OFFICE.

ENGELHARD DIMITY, OF CLAY CENTER, KANSAS.

## WEED-CUTTER.

SPECIFICATION forming part of Letters Patent No. 548,972, dated October 29, 1895.

Application filed June 1, 1894. Serial No. 513,148. (No model.)

*To all whom it may concern:*

Be it known that I, ENGELHARD DIMITY, a citizen of the United States, residing at Clay Center, in the county of Clay and State of Kansas, have invented certain new and useful Improvements in Convertible Cultivators and Weed-Cutters; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as 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 the letters of reference marked thereon, which form a part of this specification.

My invention relates to improvements in weed-cutters for listed corn, wherein the weed-cutter is mounted upon a carriage and manipulated by means of levers, and the objects are to provide an effective weed-cutter, easily operated, simple, and durable. I attain these objects by means of the mechanism hereinafter described, and illustrated in the accompanying drawings, in which—

Figure 1 is a rear elevation of my invention when used as a weed-cutter; Fig. 2, a side elevation of same.

Similar letters and figures of reference indicate like parts throughout both the views.

Slotted castings A, supporting cross-beam B, axles s, tongue y, braces v, v', and w, and cross-tree z, constitute the framework of the carriage, supported by wheels t. Rocking cross-head m is journaled in the rear ends of the lower sections a of the compound levers f j a, having fulcrums l in the forward projections to slotted castings A. Said journals x extend through said sections a into the curved slots i in the rear projections to said slotted castings, which serve to steady said cross-head. To said cross-head is secured studs d, having curved crosswise slots and connected with sheths C by cup-joints r. Knives u u are adjustably secured to the

lower ends of said sheths. Bolts e, passing through the upper ends of said sheths and through the slots in said studs, serve to steady said knives, and by tightening the nuts thereon to rigidly secure said sheths in whatever position to which they may be adjusted. Said cross-head is rocked by means of lever b, held in position by ratchet p, and connected by rod o with curved arm n, which is firmly secured to said cross-head by bolts 2. Either end of said cross-head is raised or lowered by means of its respective lever f j a, held in position by ratchet h. Draft-equalizers q, the upper ends of each being secured to cross-tree z, and each provided with singletree c, are connected at their lower ends to said cross-head by means of draft-chains g, attached to eyebolts k.

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

1. In a weed-cutter and the rocking-cross-head journaled in the lower arm of the slotted casting pivoted to the crank-arm on each side of said machine, whereby said crosshead is raised and lowered, and rocked by means of the lever attached to the arm rigidly secured thereto, substantially as shown and described.

2. In a weed-cutter provided with a rocking cross-head, the stud secured thereto and having the curved, crosswise slot for the lateral adjustment of the knife, the sheth secured to said stud by a cupjoint and provided with a bolt in its upper end passing through said slot for holding said sheth in whatever position to which it may be laterally adjusted, substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

ENGELHARD DIMITY.

Witnesses:

ED. C. MORRISON,

F. B. MORRISON.