

*J. F. Seiberling,
Mower.*

No. 44,894.

Patented Nov. 1. 1864.

Fig. 1.

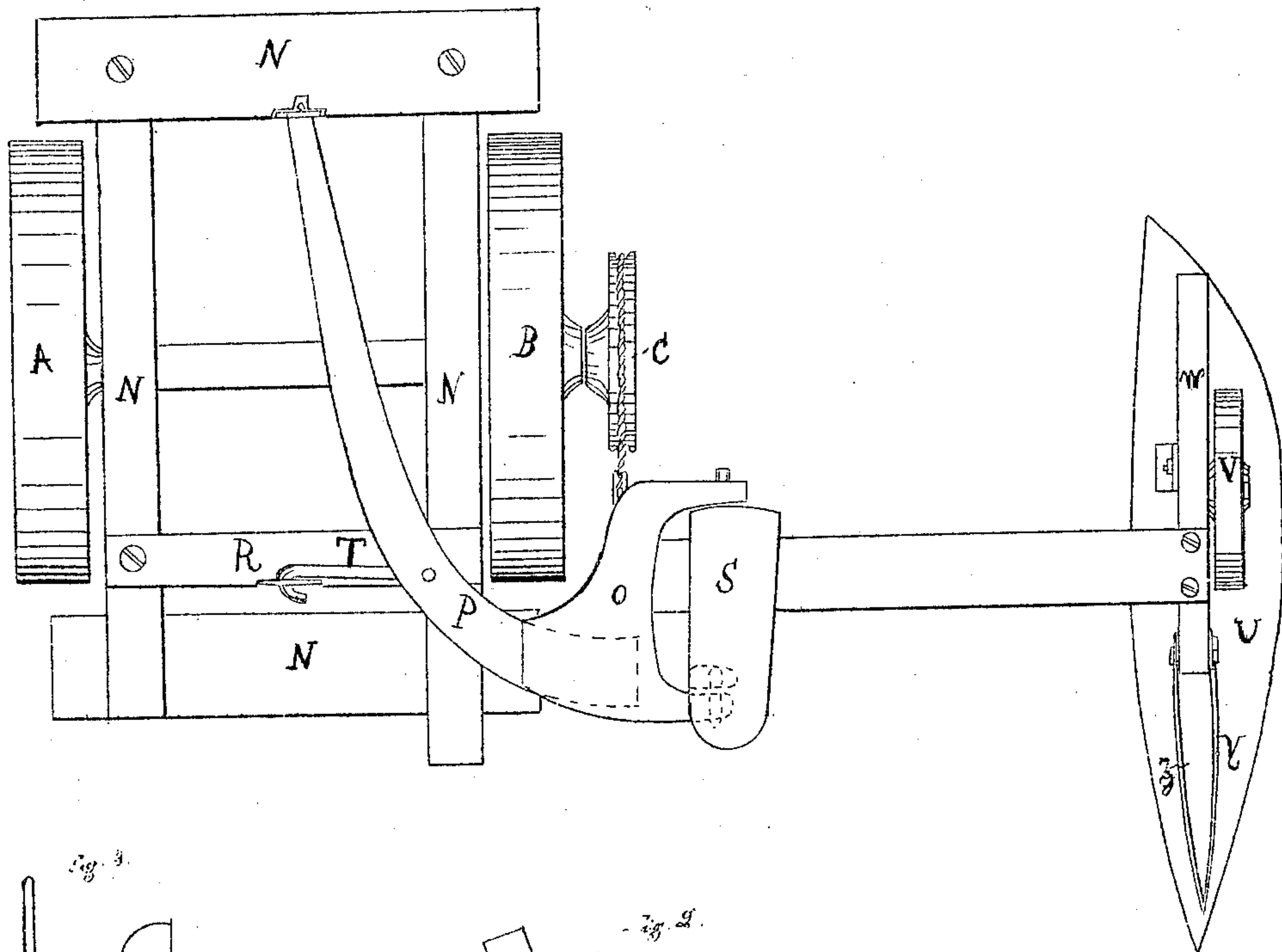


Fig. 2.

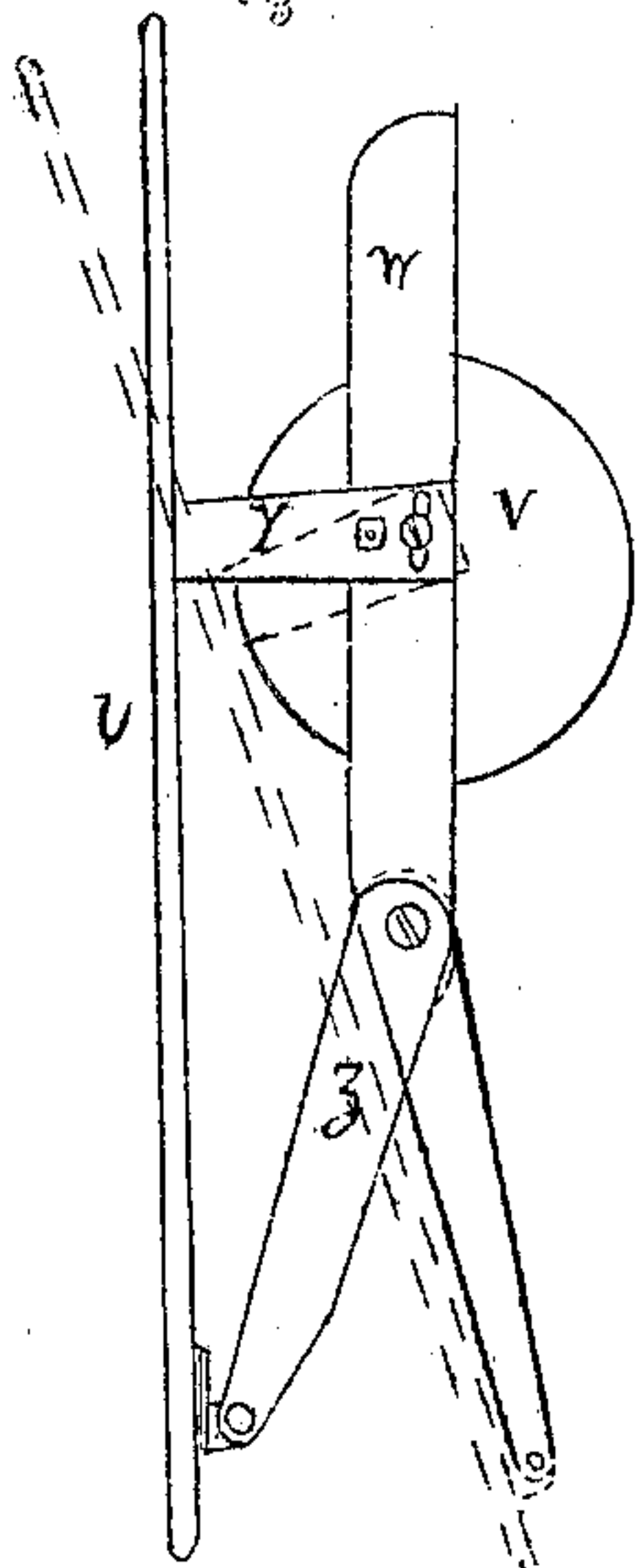
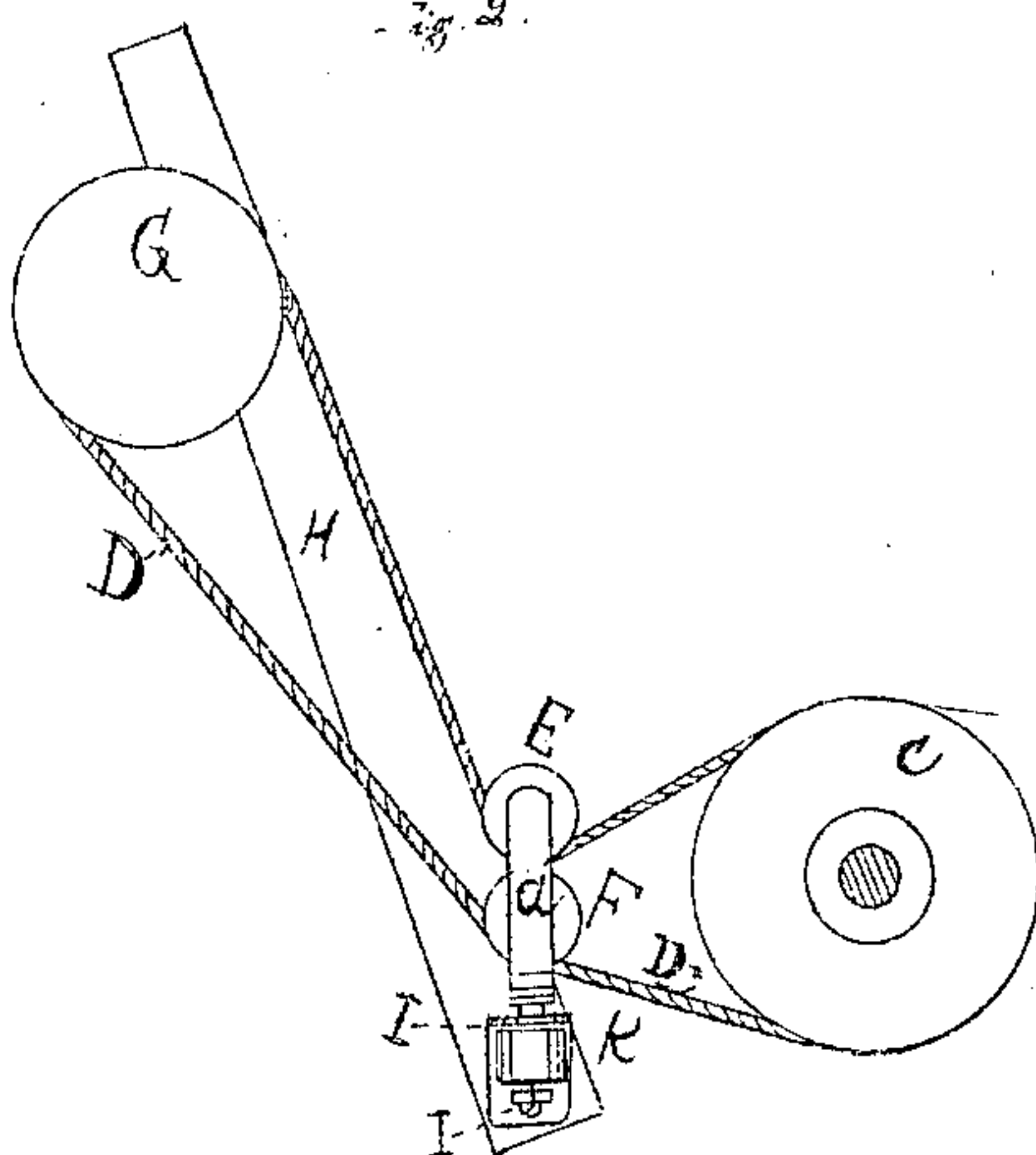


Fig. 3.



*A. G. Wilkinson
Chas. Hoadway* } *Witnesses*

*John F. Seiberling
by Daniel Breed,*

UNITED STATES PATENT OFFICE.

J. F. SEIBERLING, OF DOYLESTOWN, OHIO.

IMPROVEMENT IN HARVESTERS.

Specification forming part of Letters Patent No. 44,894, dated November 1, 1864.

To all whom it may concern:

Be it known that I, JOHN F. SEIBERLING, of Doylestown, in the county of Wayne and State of Ohio, have invented a new and useful Improvement in Harvesters; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The chief object of my invention is to make a strong and compact machine, bringing the pitman and cutters close back to the driving (or traveling) wheel, and thus prevent the usual heavy drag or weight upon the tongue and fore part of the machine.

My invention consists mainly in a peculiar construction and arrangement of coupling for connecting the cutter-beam to the main frame of harvesters, and also in a peculiar adjustable dividing-board.

In the accompanying drawings, Figure 1 is a bottom view of my harvester, showing the construction of my improved coupling and dividing board. Fig. 2 is a side view of the pulley for operating the reel. Fig. 3 is a side view of the adjustable dividing-board.

My machine has two wheels, A and B, as seen in the accompanying drawings. The cutter-beam M is placed close back to a line running transversely to the tread of the wheels, in order to bring the weight of the cutter-beam, the cutters, the cutter-bar, and reel as near as possible to the axle, and thus diminish the weight of these parts on the tongue or fore part of the machine.

The frame N of my machine may be of any suitable construction, with a cross-bar, R, on a line running across the front of the wheels.

A very strong coupling-piece, O, is firmly hinged to the shoe S, to which the cutter-beam is attached in the usual manner. This coupling-piece is riveted or bolted to a firm crooked

brace, P, extending nearly to the rear of the main frame, to which it is hinged. A short brace-bar, T, is inflexibly connected with the crooked lever O, and hinged to the cross-bar R, as seen in Fig. 1. Thus the coupling-piece O is securely united to the frame, and allowed to play freely up and down without having any horizontal motion in relation to the frame of the machine. By this construction the machine is rendered very compact, and the weight of the coupling-piece, the cutter-beam, cutters, cutter-bar, and reel is thrown mainly upon the axle, thus relieving, to a great extent, the weight or pressure usually thrown upon the tongue and fore part of the machine. Therefore the draft of my machine is very easy for the team.

My dividing-board is of a peculiar construction, and may be adjusted to any desired height. The board proper is seen at U, Figs. 1 and 3, supported on the wheel V, and connected therewith by means of a beam, W, and connecting-pieces Y and Z. The adjustability of the board is clearly shown in Fig. 3, the motion being indicated by red lines.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

1. The crooked brace P, in combination with the coupling-piece O, the short brace-bar T, and the shoe S, when constructed and arranged substantially as set forth.

2. Adjusting the front of the dividing-board to any required height by means of the double hinged connecting-pieces Y and Z, substantially as specified.

In testimony whereof I have hereunto set my hand this 11th day of July, 1864.

J. F. SEIBERLING.

Witnesses:

SAML. H. MILLER,
FERNANDO CLINE.