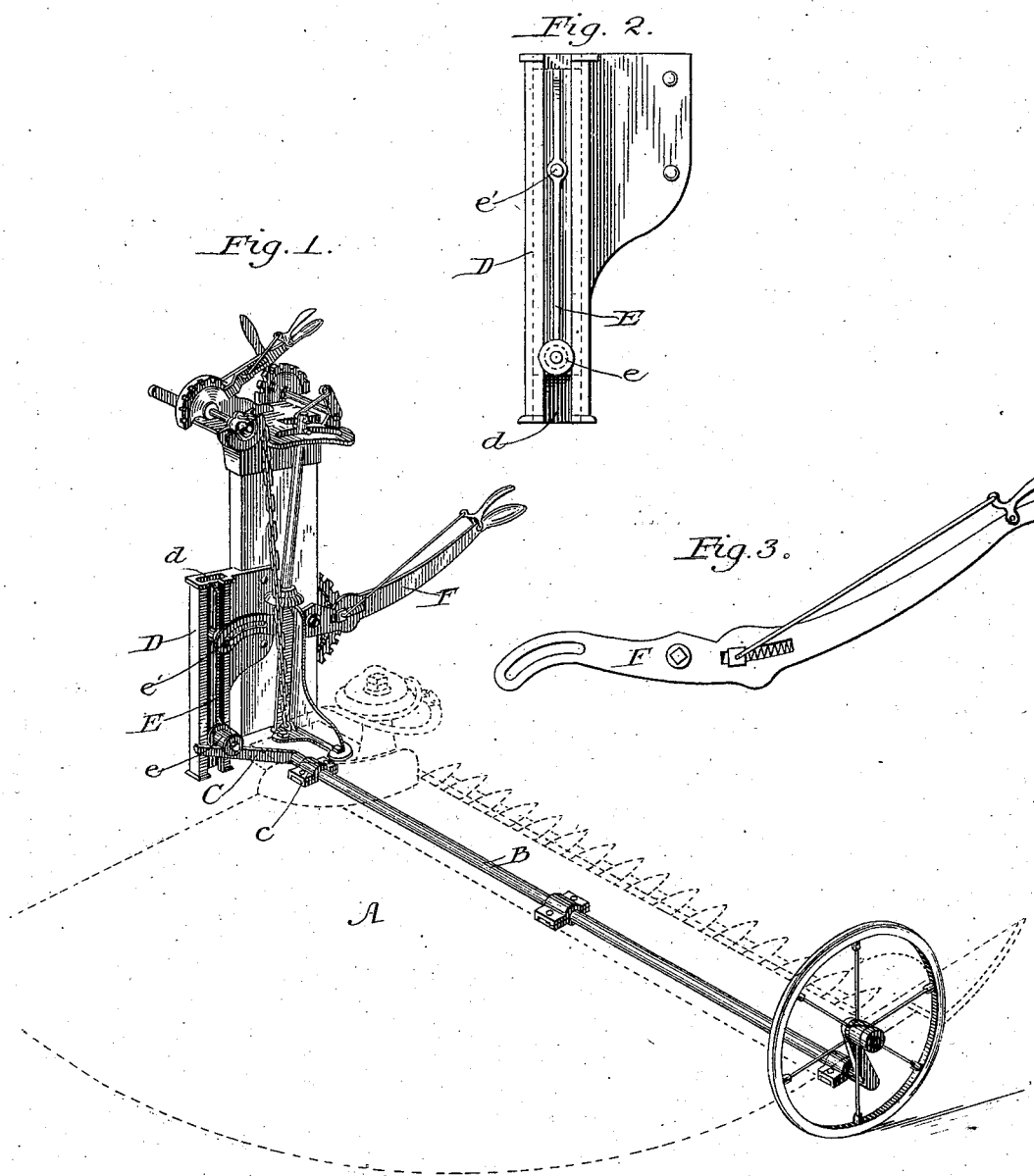


(No Model.)

M. VAN MATTESON.
HARVESTER.

No. 260,338.

Patented June 27, 1882.



Witnesses:

Frank S. Blanchard
Charles C. Linttricum.

Inventor:

Marse Van Matteson
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UNITED STATES PATENT OFFICE.

MARSE VAN MATTESON, OF CHICAGO, ILLINOIS.

HARVESTER.

SPECIFICATION forming part of Letters Patent No. 260,338, dated June 27, 1882.

Application filed February 13, 1882. (No model.)

To all whom it may concern:

Be it known that I, MARSE VAN MATTESON, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Harvesters, of which the following is a specification.

In the accompanying drawings, Figure 1 is a perspective view of my improvements as combined and applied to an ordinary harvester. Fig. 2 shows the upright slotted guide or sleeve and the adjustable "slide" arranged to move up and down therein, and Fig. 3 shows the arm or lever which is operated by the driver from his seat when he desires to raise or lower the outer or grain-wheel end of the platform.

A is the platform; B, the rock-shaft under the platform; C, the inner part or end of such rock-shaft, and *c* the bearing at the inner end of the platform through which the rock-shaft passes; D, the perpendicular guide fastened to the machine, and *d* the slot therein; E, the adjustable slide arranged to move up and down in the guide; *e*, the roller at the lower end of the slide which rests on the arm C of the rock-shaft, and *e'* the pin and roller near the upper end of the slide; F, the arm or lever, which is pivoted to an upright standard, and which reaches to the vicinity of the driver's seat and is operated by him for raising or lowering the outer end of the platform; and G the grain-wheel at the outer end of the platform.

As grain-harvesters are now constructed the driver may from his seat raise or lower both ends of the platform at the same time; but no means, so far as I know, are provided which enable him to so raise or lower the outer end independently.

The object of my invention is to provide means which will enable the driver from his seat to raise or lower the outer end of the platform independently and without at the same

time raising or lowering the inner end; and the invention, which is peculiarly applicable to grain-harvesters, consists in the combination and arrangement of parts hereinafter mentioned.

In using my invention the roller *e* of the slide is placed on the inner arm, C, of the rock-shaft, and the slide E is allowed to move up and down in the permanently-attached guide D, the slide being operated by means of the arm or lever F. The inner arm, C, of the rock-shaft moves up or down correspondingly, and, actuating the rock-shaft B, raises or lowers the outer end of the platform. In this way, it will be seen, the outer end is raised or lowered independently and without its movements affecting the position of the inner end.

I have found the simple means represented in the drawings to be very satisfactory in accomplishing my principal object—namely, the independent raising or lowering of the outer end of the platform; but I do not wish to be understood as confining myself to these particular means, as it is apparent that the same object may be accomplished in a variety of ways.

I claim as new and desire to secure by Letters Patent—

The combination, in a grain-harvester, of the grain-wheel G, rock-shaft B, perpendicular guide D, having the slot *d*, adjustable slide E, arranged to move up and down in the guide D, and arm or lever F for operating the adjustable slide, the whole being arranged and operating in such a way that the driver from his seat may raise or lower the outer end of the platform, substantially as described, and for the purposes set forth.

MARSE VAN MATTESON.

In presence of—

CHARLES C. LINTHICUM,
FRANK S. BLANCHARD.