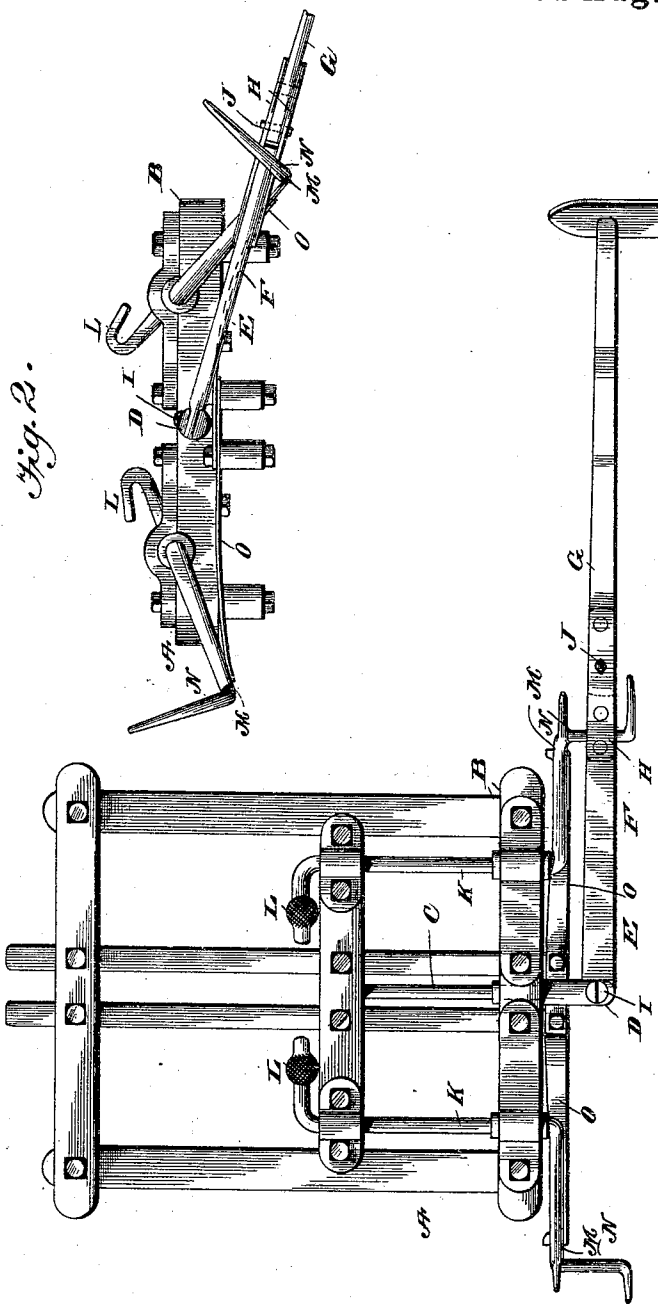


(No Model.)

W. M. LEWIS.
LAND MARKER.

No. 543,877.

Patented Aug. 6, 1895.



Witnesses

John M. Lewis
R. H. Bishop

Fig. 1.

Inventor
W. M. Lewis
By C. H. Watson & Co

Attorneys

UNITED STATES PATENT OFFICE.

WILLIAM M. LEWIS, OF WALNUT, INDIANA.

LAND-MARKER.

SPECIFICATION forming part of Letters Patent No. 543,877, dated August 6, 1895.

Application filed May 13, 1895. Serial No. 549,144. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM M. LEWIS, a citizen of the United States, residing at Walnut, in the county of Marshall and State of Indiana, have invented certain new and useful Improvements in Land-Markers for Corn Planters; 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.

My invention has reference to improvements in land-markers for corn-planters, and seeks to so improve the construction of the marker as to enable it to yield to and pass over obstructions and also to simplify the construction of the parts which support and reverse the marker. These objects I attain by the use of the device illustrated in the accompanying drawings; and the invention consists in certain novel features of the same, as will be hereinafter described and claimed.

In the drawings referred to above, Figure 1 is a plan view of my improved marker and so much of the corn-planter frame as is necessary to a proper understanding of the invention, and Fig. 2 is a rear elevation of the same.

The planter-frame A consists of longitudinal and transverse beams or sills B and forms no part of my present invention. In the rear transverse beams of the frame I journal a rock-shaft C, the rear extremity of which is forked, as at D, and has pivoted thereto the end of the marker E. The marker is constructed in two sections F G, which are joined by the coupling-plates H, said plates being rigidly secured to the upper and lower sides of the inner member of the marker and having the outer member or section pivoted between their outer ends. The inner end of the outer section extends inward beyond the pivot I, and a frangible pin or key J is inserted through said inner end and the connecting-plates. Journaled in suitable bearings upon the frame and near the sides thereof are the longitudinally-disposed rock-shafts K, having their front ends provided with the foot-levers L, projecting inward toward the medial line of the frame, and their outer ends provided with

the outwardly-projecting marker-supporting arms M, as clearly shown. The extremities of these marker-supporting arms are formed into or provided with the lateral rests N, which receive the marker and are provided with the vertical prongs or stops to guide the marker into proper position and prevent too great play of the same. The marker-supporting arms are held up in their proper positions by springs O, which are secured to the rear end of the frame and project laterally outward and bear against the under sides of the said arms at the ends of the same.

The machine is drawn over the ground in the usual manner, and the marker operates as usual. When the end of the line has been reached, the foot-lever is depressed, so as to raise the marker sufficiently to permit the machine to be turned. The driver then may dismount and reverse the marker, or he may reverse it by giving the foot-lever a sharp downward thrust, thereby throwing the marker over to the opposite side of the machine. Should the marker strike a stone or other unyielding obstruction, it will swing slightly backward until arrested by the rear prong, and the continued travel of the planter will then cause the frangible pin to break, so that the outer member or section will swing around the obstruction. A new pin may be quickly inserted and the planter then driven on over the field.

It will be seen that I have provided a very simple marker, which can be quickly and easily reversed and which will readily pass over obstructions.

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

The combination with a corn planter frame, of a land marker attachment, consisting essentially of a marker arm E pivoted to the rear of the frame and adapted to swing vertically from one side to the other, a pair of rock shafts K extending longitudinally of the frame, one of said shafts being journaled on each side of the pivot of said marker arm and each rock shaft being provided at its forward end with an inwardly turned foot lever and

at its outer end with an outwardly turned
marker-supporting arm provided with a lat-
eral rest for the marker arm, and springs se-
cured to the frame and bearing on the un-
5 der side of the marker-supporting arm and
adapted to resiliently support the same, sub-
stantially as described.

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

WILLIAM M. LEWIS.

Witnesses:

J. L. McCoy,
E. M. McCoy.