

J. AUGSPURGER.
LAND-MARKERS.

No. 177,916.

Patented May 30, 1876.

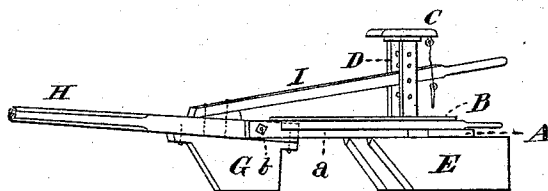


Fig 1

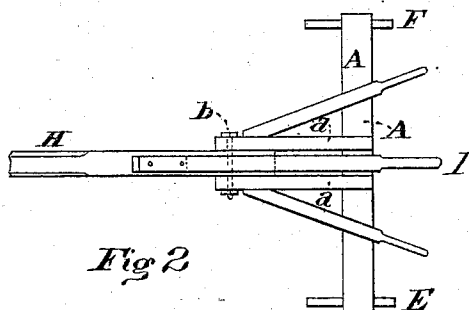


Fig 2

Witnesses;

John M. Dandren
 Jas. W. Lee.

Inventor;

John Augspurger
By his Attorney
H. P. K. Peck

UNITED STATES PATENT OFFICE.

JOHN AUGSPURGER, OF TRENTON, OHIO.

IMPROVEMENT IN LAND-MARKERS.

Specification forming part of Letters Patent No. **177,916**, dated May 30, 1876; application filed January 27, 1876.

To all whom it may concern:

Be it known that I, JOHN AUGSPURGER, of Trenton, in the county of Butler and State of Ohio, have invented a new and useful Improvement in Land-Markers; 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.

Figure 1 represents a perspective view of my machine. Fig. 2 represents a top or plan view of the same, with the platform and seat removed.

My present invention relates to certain improvements in the land marker or furrower for which a patent was granted to me October 11, 1875; and it consists in the arrangement of a lever, in combination with the hinged tongue, whereby the front runner of the marker may be elevated and held above the ground while the machine is being turned around at the termination of each successive "through," as hereinafter described.

The frame *A a* supports the platform *B*, upon which two upright pieces, *D*, are secured for holding the driver's seat *C*. Two runners or markers, *E E*, are attached to the under side of the part *A*, and the central runner *G* is secured to the under side of the rear end of the tongue *H*, which is hinged upon bolt *b*, between the two frame-pieces *a a*. The runners *E F G*, which mark the land for planting, are arranged the proper distance apart for planting corn, and these runners may be easily removed, and others, of any desired construction, may be bolted to the frame and tongue in their places.

The prominent feature of my improved

marker is the rearwardly-extending bar or lever *I*, which is firmly bolted to the rear end of the tongue *H*, and extends back between the two strong uprights *D*, which support the seat. The uprights *D* are provided with series of holes, through which a bolt may be inserted.

The object of this construction is to enable the attendant, when the machine is to be turned around at the end of each successive through, to elevate lever *I* between the standards *D*, and insert the bolt in the holes made for the purpose.

It will be readily understood that the elevation of the lever *I* will raise up the front end of the machine, and cause its weight to be supported by the hinged tongue, which will rest upon the neck-yoke of the team.

When the lever *I* is secured in an elevated position, by inserting a bolt or pin beneath it through the holes in the standards *D*, the front marker *G* will not come in contact with the surface of the ground, and the machine may then be freely turned around by the team without risk of damage.

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

In a land-marking machine, the combination of the fixed runners *E F* upon the main frame, with vertically-adjustable runner *G*, hinged tongue *H*, lever *I*, and uprights *D*, arranged as and for the purpose described.

Witness my hand this 10th day of November, 1875.

JOHN AUGSPURGER.

Witnesses:

H. P. K. PECK,
J. KIMBLE.