S. J. PEFLEY.

LAND-MARKERS FOR PLANTING CORN.

No. 194,459. Patented Aug. 21, 1877.

Fig. 1.

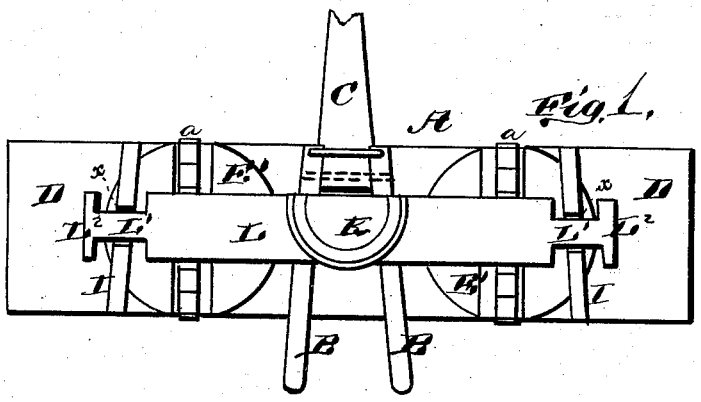


Fig. 2.

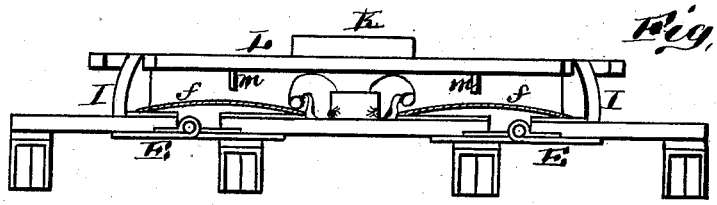


Fig. 3.

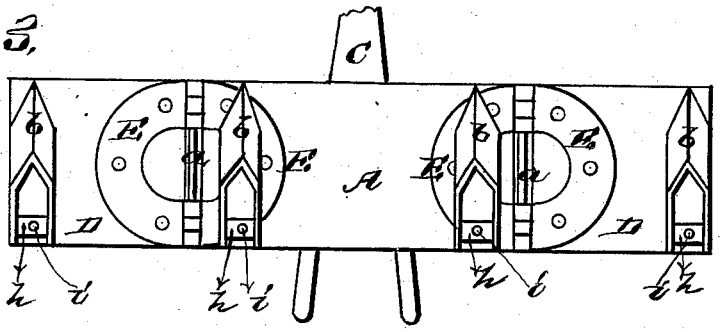
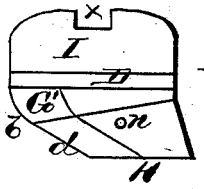


Fig. 4.



WITNESSES

E. H. Bates

George B. Upham

INVENTOR.

Samuel J. Pefley.

Gilmore, Smith & Co.

ATTORNEYS.

UNITED STATES PATENT OFFICE.

SAMUEL J. PEFLEY, OF LADOGA, INDIANA.

IMPROVEMENT IN LAND-MARKERS FOR PLANTING CORN.

Specification forming part of Letters Patent No. **194,459**, dated August 21, 1877; application filed July 7, 1877.

To all whom it may concern:

Be it known that I, SAMUEL J. PEFLEY, of Ladoga, in the county of Montgomery and State of Indiana, have invented a new and valuable Improvement in Corn-Markers; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a top-plan view of my corn-marker. Fig. 2 is an end view. Fig. 3 is a bottom-plan view, and Fig. 4 is a detail of the same.

The nature of my invention consists in the construction and arrangement of a corn-marker, as will be hereinafter more fully set forth.

The annexed drawing, to which reference is made, fully illustrates my invention.

A represents a platform or board, of any suitable dimensions, provided on its top with two handles, B B, running across the same and firmly secured to it.

The rear ends of said handles project a suitable distance beyond the rear edge of said platform, while between their front ends the tongue C is pivoted.

To each end of the platform A is hinged a wing, D, by means of hinges, which are composed of semicircular or semi-oval annular plates E E, secured to the under sides of the platform and wings, and the ends of said plates forming tubes or sockets for the passage of the connecting-rods *a*, thereby completing the hinges.

The plates E are fastened in their places by bolts or rivets, which also are passed through plates E′ on top of the platform and wings, whereby said parts are materially strengthened and rendered more durable.

At each end of the platform A, and at the outer end of each wing D, on the under side, is secured a wooden block, G′, the front end of which is made tapering or beveled on both sides, so as to present a sharp central edge, *b*, at the front.

The under side of the block G′ is also made inclined, so that while the front end of the block is made thick, the rear end is very thin; and to this lower inclined side of the block is attached a shoe, H, which naturally assumes an inclined position, according to the inclination of the block.

This shoe is cast hollow, of cast-iron, with its front ends forming centrally-inclined edges *d*, corresponding with and forming a continuation of the edges *b* of the blocks G′.

The bottom and heel of each shoe H are hollow, and across the top are cross-bars *h h*, through which bolts *i i* are passed for securing the shoe to the block.

These blocks, with their shoes, form the markers, which leave distinctly and easily-seen rows across the field for the planter to follow.

The construction of the hinges allows the wings D to be turned inward and upward while going to and from the field, and while working the hinges allow the wings to accommodate themselves to inequalities in the ground.

A rope or strap, *f*, attached, as shown, and connecting the wings with the center platform, prevents the wings from turning too far downward.

On top of each wing D is secured a support, I, set at an angle, as shown, and formed with a recess, *x*, in its top.

These supports are to sustain the driver's seat K, which is secured in the center of a plank, L.

Near each end of the plank L, on each edge, is made a recess, forming, as it were, a neck, L^1, with head L^2 at its outer end.

These necks are elongated, as shown, and rest in the recesses *x* of the supports I I, and, being elongated, they allow of the wings D turning upon their hinges according to the unevenness of the ground.

By removing the seat-plank L the wings G may be turned upward and inward until the supports I rest upon the handles B. The plank L is then laid on the upper edges of the wings, and held there by means of pins *m m*, projecting from the under side of the

plank into holes *n n*, made for that purpose in the outer sides of the outside marking-shoes H.

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

The hollow cast shoe H, having inclined sharp toe *d* and top bars *h h*, in combination with the inclined block G′, constructed as and for the purposes herein set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

SAMUEL J. PEFLEY.

Witnesses:
THEODORE C. LAWRENCE,
ALLEN M. STRATTON.