



# UNITED STATES PATENT OFFICE.

DAVID S. HARNER, OF XENIA, OHIO.

## IMPROVEMENT IN CORN-MARKERS.

Specification forming part of Letters Patent No. **207,031**, dated August 13, 1878; application filed June 8, 1878.

*To all whom it may concern:*

Be it known that I, DAVID S. HARNER, of Xenia, in the county of Greene and State of Ohio, have invented certain new and useful Improvements in Corn-Markers; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, and to the letters of reference marked thereon, which form part of this specification, and in which the figure is a perspective view of my invention.

The nature of my invention consists in the construction of a corn-marker having sliding weights for the purpose of holding the hinged wings of the marker up or down, as desired.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation.

A represents the main frame of the marker, supported on the runners C C, as shown. To the outer ends of the frame A are hinged the wings B B, constructed of the horizontal bars *b b*, hinged to the main frame, and having, at their outer ends, the markers or runners C' C', as shown. These hinged wings may be raised or lowered, as desired, by means of the levers E, rigidly secured to their inner ends. The outer ends of the hinged markers B B are connected to the levers E E by a brace or rod, *d d*, upon which are sliding weights D D, which, when the markers are thrown down, slide out to their ends, and serve to hold them down

and cause them to make a deeper and plainer mark.

When it is desirable to mark only two or three rows at a time, or to move from field to field, one or both of the levers E E are thrown down, raising the hinged wings from the ground, and the weights D D slide inward on the rods or braces *d d* and hold the wings in an upright position. The ends of the wings are also connected with the rear of the main frame A by brace-rods *f f*.

The machine is drawn by a tongue, G, and is provided with a seat, H, for the use of the driver.

It is obvious that the sliding weights may, if desired, be provided with thumb-screws or other fastening device to secure them in any desired position to give greater or less pressure on the ends of the wings when marking.

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

The jointed or hinged markers B B, provided with the sliding weights D D and levers E, substantially as and for the purpose set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

D. S. HARNER.

Witnesses:

H. MCQUISTON,  
D. B. TIFFANY.