

(No Model.)

S. J. CONKWRIGHT.
LAND MARKER.

No. 527,362.

Patented Oct. 9, 1894.

Fig. 1.

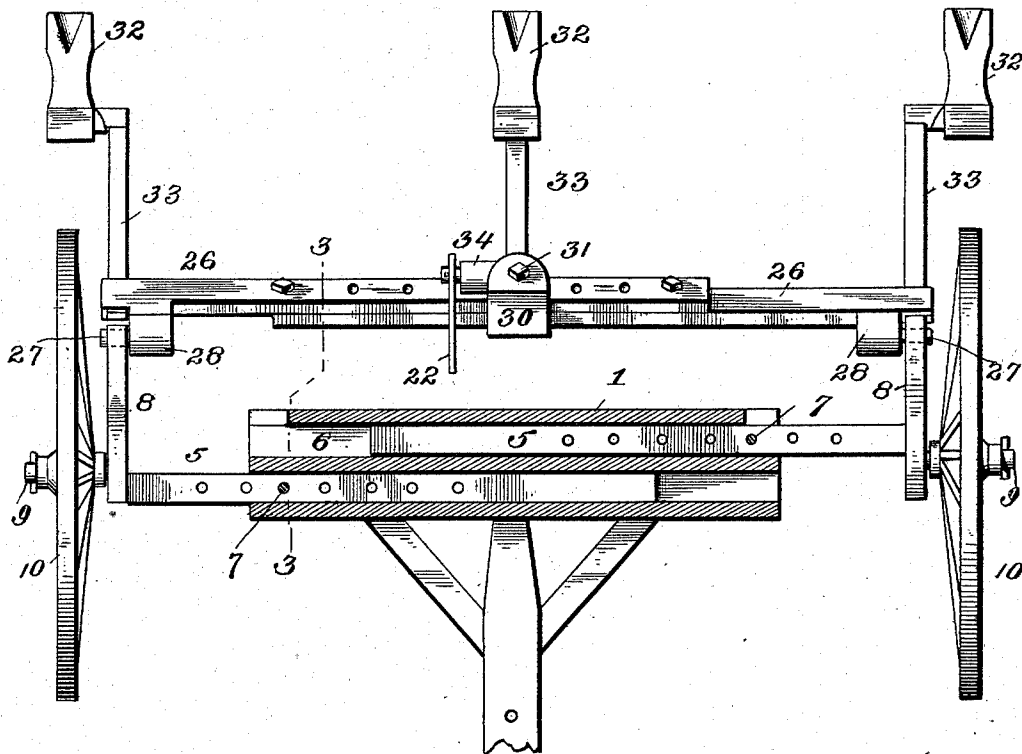
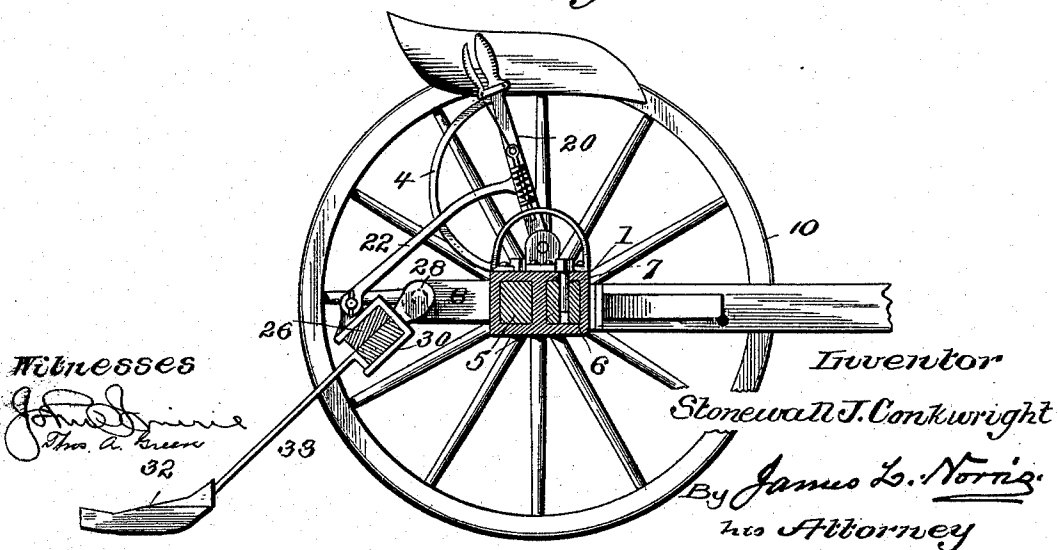


Fig. 2.



Witnesses

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32

Inventor

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UNITED STATES PATENT OFFICE.

STONEWALL J. CONKWRIGHT, OF WINCHESTER, KENTUCKY.

LAND-MARKER.

SPECIFICATION forming part of Letters Patent No. 527,362, dated October 9, 1894.

Application filed December 14, 1893. Serial No. 493,822. (No model.)

To all whom it may concern:

Be it known that I, STONEWALL J. CONKWRIGHT, a citizen of the United States, residing at Winchester, in the county of Clark and State of Kentucky, have invented new and useful Improvements in Land-Markers, of which the following is a specification.

This invention has for its object to provide a new and improved laterally adjustable machine adapted to mark rows of any width for planting or other purposes.

To accomplish this object my invention consists in the features of construction and the combination or arrangement of devices hereinafter described and claimed, reference being made to the accompanying drawings, in which—

Figure 1 is a plan view partly in section of my improved machine for marking off rows of any width for planting corn or for other purposes, and Fig. 2 is a sectional view, taken on the line 3—3 Fig. 1.

In order to enable those skilled in the art to make and use my invention, I will now describe the same in detail, referring to the drawings, wherein—

The numeral 1 indicates an axle frame comprising a boxing or housing 6, and lengthwise adjustable beams 5 arranged therein, and of such construction that the beams may be projected or drawn out laterally and locked or fastened at any desired point of adjustment through the medium of fastening pins 7 which pass down through the boxing or housing into the beams. The boxing or housing is provided at or near its center with a support 4 carrying a driver's seat; and upon the outer or projecting extremities of the beams 5 are mounted rearwardly projecting arms or brackets 8, arranged substantially at right angles with the longitudinal lines of the beams, and forming supports for the journals, or axles 9, of the ground wheels 10, which may be of any preferred construction. It will be seen that as the beams 5 are laterally adjustable in the lines of the length of the said beams, the ground wheels may be readily arranged at greater or less distances from each other to vary the width of the machine as a whole.

The brackets 8 are provided with eyes, or

any suitable form of journal-bearings for supporting a lengthwise adjustable marker-head composed of two overlapping beams, or strips 26 having journal bearings 27 formed, or mounted upon brackets 28, and arranged in the eyes or journal bearings of the brackets 8. The overlapping beams 26 are connected by means of an intermediate bracket 30, mounted rigidly upon one beam and surrounding the other beam, a pin or bolt 31 being inserted through the bracket and through both beams. By means of this sliding adjustment of one beam upon the other, the journals 27 may be engaged with the eyes or bearings in the bracket 8 which are mounted upon the ends of the bracket-supports 5. Projecting rearwardly and downwardly from the overlapping beams 26, are row-markers 32 which are mounted upon the extremities of elastic strips 33, and upon the intermediate bracket 30 is formed, or mounted, a side bracket 34 to afford an attachment for the end of the link 22, which connects with a lever 20. The lever 20 is pivoted to the boxing 6, in which the beams 5 are movable lengthwise, and is connected with the marker-head by link 22, pivoted at one end to the lever and at the other end to the bracket 34, whereby the marker-head and markers can be readily raised or lowered by operating the lever, while the width of the machine, as a whole, can be changed to suit the conditions required.

Obviously the lateral adjustment of the machine varies the distance apart of the row-markers, and therefore rows of any required width can be laid out.

I do not herein broadly claim the combination with a boxing or housing to which draft devices are connected, of independent axles adjustable lengthwise in the boxing or housing, and each having at one end portion a wheel-spindle and a radially projecting arm provided with a bearing for receiving a journal or stud on the implement to be attached, as such is claimed in a separate application for patent filed by me May 26, 1894, Serial No. 512,527.

Having thus described my invention, what I claim is—

1. The combination with a lengthwise ex-

tensible wheeled axle, of rearwardly extending brackets secured to the said axle and having journal bearings, a swinging, lengthwise extensible marker-head having journals mounted in the journal bearings of the brackets, row-markers carried on and adjusted to and from one another by the lengthwise adjustment of the marker-head, and means for swinging the marker-head to raise or lower the row-markers, substantially as described.

2. The combination with a lengthwise extensible wheeled axle, of rearwardly extending brackets secured to the said axle and having journal bearings, a swinging, lengthwise extensible marker-head pivotally mounted on the brackets, row-markers carried on and adjusted to and from one another by the lengthwise adjustment of the marker-head, a pivoted lever, and a link pivotally connecting the lever with the said marker-head, substantially as described.

3. The combination with a boxing or housing, of laterally extensible beams arranged therein and having rearwardly extending brackets, means for locking the beams at any desired point, a laterally extensible marker-head having journals supported by the rearwardly extending brackets, row-markers mounted upon the beams and adjusted to and from one another by the movement thereof, a lever pivoted to the boxing or housing, and

a link connecting the lever with the marker-head, substantially as described.

4. The combination with a boxing or housing, of laterally extensible beams having rearwardly projecting brackets carrying the journals of the ground wheels, laterally extensible overlapping beams or strips pivotally mounted in said brackets and having support in an intermediate bracket, and row-markers secured to the pivotally mounted beams or strips, substantially as described.

5. The combination with a boxing or housing, of lengthwise adjustable beams arranged therein, rearwardly extending brackets secured to the said beams and carrying the journals of the ground wheels, a marker-head composed of lengthwise adjustable beams or strips provided respectively with journals mounted in bearings on the rearwardly extending brackets, row-markers extending from the parts of the marker-head, a pivoted lever, and a link connecting the lever with the marker-head, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

STONEWALL J. CONKWRIGHT.

Witnesses:

JNO. D. POYNTER,
WM. MILLER.