(No Model.)

J. D. MARLEY.

MARKER ATTACHMENT FOR PLOWS.

No. 457,653. Patented Aug. 11, 1891.

Fig. 1

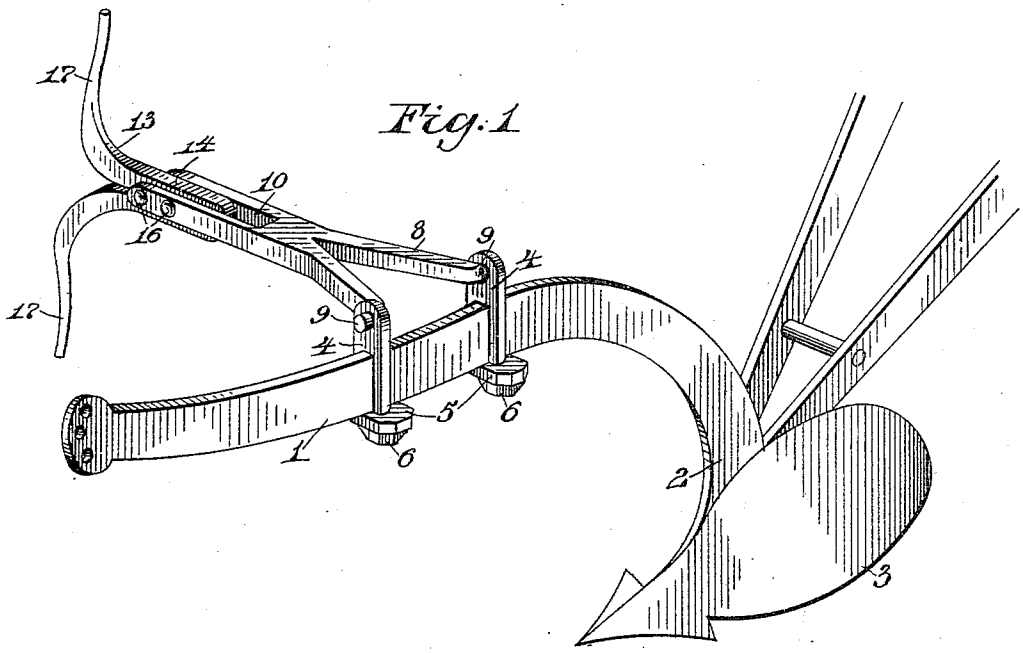
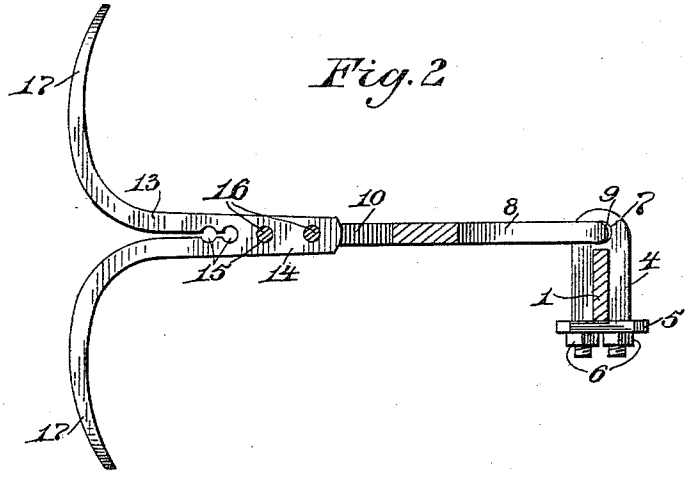


Fig. 2



Witnesses:

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UNITED STATES PATENT OFFICE.

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MARKER ATTACHMENT FOR PLOWS.

SPECIFICATION forming part of Letters Patent No. 457,653, dated August 11, 1891.

Application filed March 23, 1891. Serial No. 386,124. (No model.)

To all whom it may concern:

Be it known that I, JAMES D. MARLEY, a citizen of the United States, residing at Dodd, in the county of Fannin and State of Texas, have invented a new and useful Marker Attachment for Plows, of which the following is a specification.

This invention relates to an improved device to be used upon plows, and the objects are to provide means whereby the succeeding row to be plowed may be marked, thereby giving a uniform plowing to the field; furthermore, to provide for an adjustment of the marker, whereby the distance between the rows may be increased or decreased.

With the above objects in view the invention consists in certain features of construction hereinafter specified, and particularly pointed out in the claim.

Referring to the drawings, Figure 1 is a perspective of a plow provided with an attachment constructed in accordance with my invention. Fig. 2 is a transverse section through the plow-beam.

Like numerals of reference indicate like parts in both the figures of the drawings.

1 designates an ordinary plow, terminating at its rear end in the standard 2, carrying the share or shovel 3. Upon the plow-beam 1 there is mounted a pair of bearing-clips 4, connected by a tie-plate 5, under which the clips are nutted, as at 6, and at their upper ends said clips are provided with bearing-perforations 7.

8 designates a Y-shaped or bifurcated arm, the branches of the wires being laterally disposed in opposite directions to form bearing-trunnions 9, which take into the perforations of the clips, whereby said arms may be thrown to either side of the beam. The outer or free end of the Y-shaped arm is slotted, as at 10, and at intervals provided with adjusting-holes 11.

13 designates the marker, and the same consists of a shank 14, having a series of perforations 15, through which and the adjusting-holes of the arms bolts 16 are passed. This marker further consists in a pair of diverging downwardly and forwardly curved marking-points 17, disposed in opposite directions, either one of which may be thrown into operative position in accordance with the side of the plow-beam to which the arm and marker are swung.

By manipulating the adjusting-bolts 16 it will be obvious that the distance between the beam and marking-points may be increased or diminished, as may be desired, so that the rows marked off will be closer together or farther apart accordingly.

In operation the plow moving along the ground follows the mark indicated by the marker and formed by the same during the plowing of the previous furrow, and while moving said marker is marking out the line for the next furrow, and so on, said marker being reversed or swung to the opposite side of the beam when the plow reaches the end of the furrow and is turned about to return.

Having described my invention, what I claim is—

The combination, with the plow-beam and the pair of clips mounted thereon and provided at their upper ends with bearing-perforations, of the Y-shaped arm, the branches of which are oppositely disposed to form bearing-trunnions mounted in the perforations of the clips, and the shank of which is slotted and perforated at intervals, the marking device consisting of the perforated shank fitting within the slot of the arm and at its outer end in deflected oppositely-disposed marking-points, and the bolt passing through the slotted arm and the perforations of the marker, substantially as specified.

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

JAMES D. MARLEY.

Witnesses:

J. H. KINCAID,

H. H. SMITH.