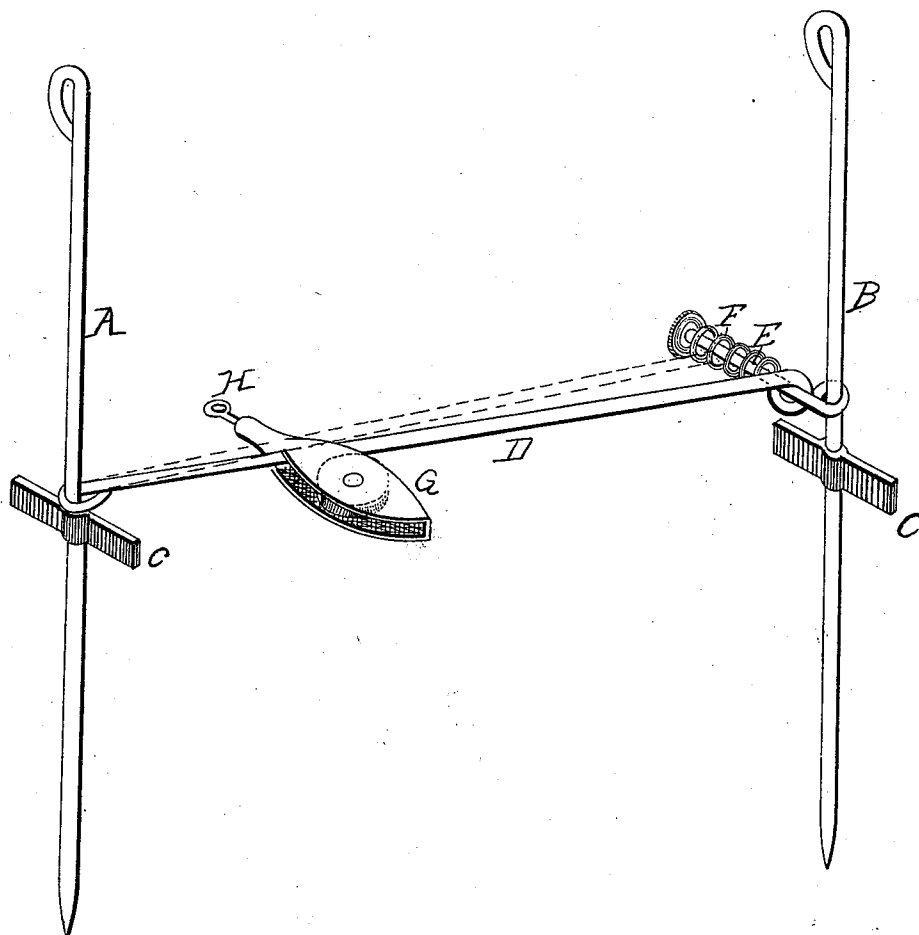


(No Model.)

D. AUMILLER.
ANCHOR FOR CHECK ROW PLANTERS.

No. 510,463.

Patented Dec. 12, 1893.



WITNESSES

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UNITED STATES PATENT OFFICE.

DANIEL AUMILLER, OF BUCYRUS, OHIO.

ANCHOR FOR CHECK-ROW PLANTERS.

SPECIFICATION forming part of Letters Patent No. 510,463, dated December 12, 1893.

Application filed August 28, 1893. Serial No. 484,211. (No model.)

To all whom it may concern:

Be it known that I, DANIEL AUMILLER, a citizen of the United States, residing at Bucyrus, in the county of Crawford and State of Ohio, have invented certain new and useful Improvements in Anchors for Check-Row Planters, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing, and to letters of reference marked thereon, forming a part of this specification.

The invention relates to an anchor to be used in connection with check row planters.

It has for its object to provide a device of this character by which the planter is so controlled that rows in a field and especially at the ends thereof may be planted in parallel lines; furthermore, to provide an anchor which shall be simple of construction, durable in use, and comparatively inexpensive of production.

With these objects in view the invention consists in certain features of construction and combination of parts which will be hereinafter described and claimed.

In the accompanying drawing I have illustrated my anchor in perspective.

The anchor consists of the posts A and B, each of which is sharpened at its lower end so as to enter the ground and having eyes or enlargements at their upper ends whereby they may be grasped and easily withdrawn. Fixed to each of these posts about a foot from the sharpened end thereof, is a cross bar C, whereby said posts may be more readily forced into the ground by pressing the foot against the cross bar, which also serves as a support to prevent the posts canting from one side to the other when strain is applied to them.

D, denotes a track rod, the ends of which are formed with eyes, one of which loosely embraces the post A, while the other loosely embraces a headed stud or arm E, which is fixed to the post B and projects laterally therefrom. Arranged upon the stud or arm E between the eye and the head, is a coil-spring F, exerting its tension to force the rod toward the post.

G, is a pulley so arranged as to move freely on and along the side track, and provided

with a loop H, to which the check row wire is adapted to be attached.

In operation the rods are forced into the ground in an upright position as far as the cross bars, the check row wire is attached to the loop of the pulley, and the pulley placed near the end of the track nearest the post A, while the other end of the check-row wire is attached to the anchor at the other end of the field. As the check-rower and corn planter is operated in the direction from the anchor, herein described, and toward the other end of the field the check wire remains stationary and in a line parallel to the desired line; but as the check-rower and corn planter is operated on its return the pulley with the check wire attached gradually moves toward the other end of the track, by reason of the tension brought to bear on the pulley at a slight angle to the track, and as the check-rower and corn planter more nearly approach the anchor and the tension on the pulley becomes greater the end of the track nearest the post B, presses upon the end of the coil-spring at that point, which gradually yields to the pressure upon it, whereby the check wire maintains a line parallel to the preceding line made by the check rower and corn planter, and the operator is enabled to plant the rows of corn in parallel straight lines.

Having thus described my invention, what I claim, and desire to secure by Letters Patent of the United States, is as follows:

1. An anchor for check rowers comprising parallel posts and a horizontal track connecting the said posts and having a lateral yielding connection with one of them, substantially as herein described.

2. The combination of two anchoring posts of a track connected to said posts, one end of said track having a laterally yielding spring connection with one of the posts, and means for connecting a check row wire with said track, substantially as herein described.

3. The combination of two anchoring posts one of which is provided with a laterally projecting headed-stud or arm, of a track, one end of which is connected with one of the anchoring posts, and the other end of which is loosely connected with the stud or arm to slide thereon, a coil-spring located upon the

stud, and means for connecting the check-row wire with said track, substantially as herein described.

5 4. The combination with two posts, provided with cross bars near their lower ends, laterally yielding track connecting said posts and means for connecting the check-row wire with the said track, substantially as herein described.

10 5. The combination of two posts provided near their lower ends with cross bars, and a headed stud projecting outwardly from one

of the said posts above its cross bar, a track pivoting at one end on one of the posts, and at the other end sliding on the stud, a spring 15 located upon said stud to exert its tension against said track, and a pulley mounted on said track, and to which the check row wire is adapted to be attached, substantially as herein described.

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Witnesses:

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