

(No Model.)

I. B. CURTIS.

ANCHOR FOR CHECK ROW CORDS.

No. 273,263.

Patented Mar. 6, 1883.

Fig. 1.

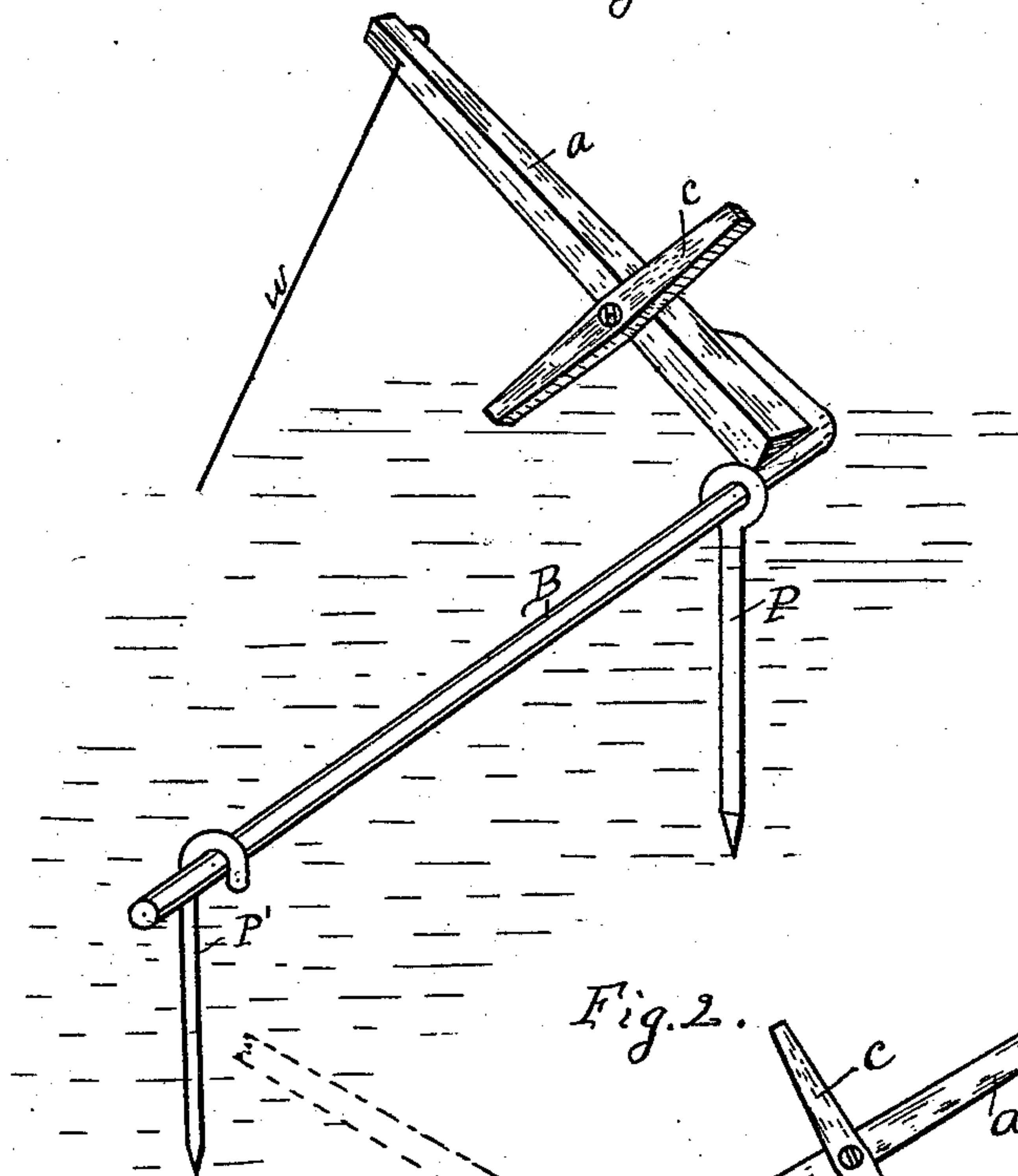
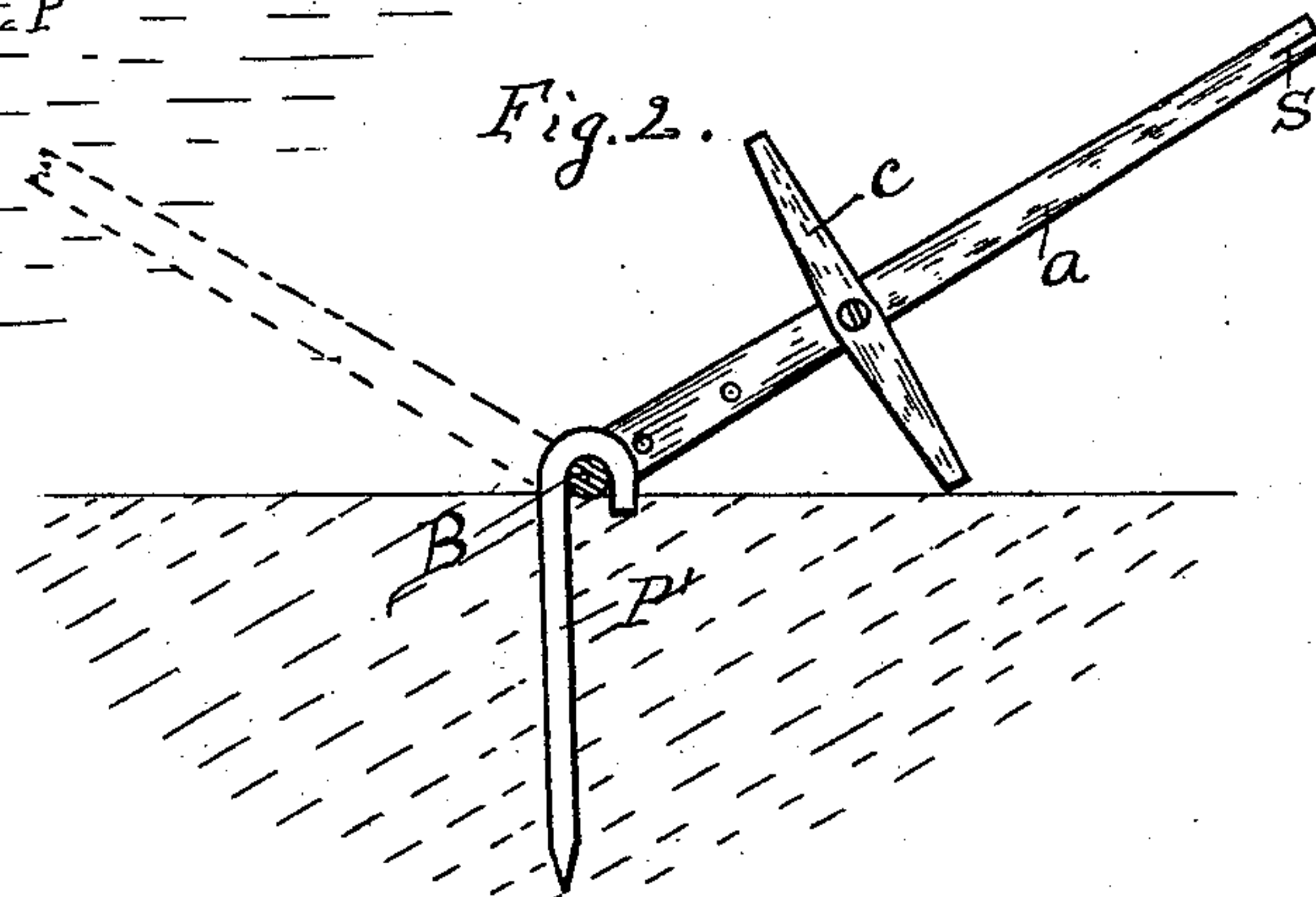


Fig. 2.



Witnesses.

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ISRAEL B. CURTIS, OF JOLIET, ILLINOIS.

ANCHOR FOR CHECK-ROW CORDS.

SPECIFICATION forming part of Letters Patent No. 273,263, dated March 6, 1883.

Application filed November 2, 1882. (No model.)

To all whom it may concern:

Be it known that I, ISRAEL B. CURTIS, of the city of Joliet, in Will county, and State of Illinois, have invented certain new and useful Improvements in Anchors for Check-Rower Cords, the construction and operation of which I will proceed to explain, reference being had to the annexed drawings and the letters and figures thereon, making a part of this specification, in which—

Figure 1 is a perspective view, and Fig. 2 a front view.

This invention relates to a device for the purpose of holding or anchoring a check-rower wire at either end of the field, and is of that class that rotate to carry the wire forward to be in line with the planter as it travels across the field.

Referring to the drawings, B represents a horizontal rod or beam, held to the earth by ring-stakes P and P', so the rod can rotate in them. The outer end of the rod B turns up at right angles and has attached to it a tongue, *a*, made of wood, or it may be a continuation of the rod B. The upper end of the tongue is provided with a slit, S, in which to place the wire *w*, as shown in Fig. 1. Ordinarily the horizontal rod B rotates far enough either way to permit the tongue to lie on the ground, and when that is the case it requires a very heavy strain and pull on the wire *w* to elevate it off the ground until it is about in the position shown in Fig. 2. To prevent the tongue from falling to the ground either way, and to hold the wire *w* up about on a level with the check-rower, I attach the cross-beam *c* to the tongue by a bolt, so it can turn on said bolt, as shown. This cross-beam *c* prevents the tongue *a* from falling to the ground, and holds the wire *w* up on a line with the check-rower to relieve the strain on the wire in raising up the tongue, as stated. The cross-beam may be turned on its pivot to be on a line with the tongue for shipment and to be out of the way when not in use. It is in this cross-beam *c* that I have made one improvement in the anchor. Another new feature is in fastening the

rod B to the ground in front of the tongue *a*, between it and the planter, so that the strain on the wire will not pull up the stakes, because the rod B braces the tongue *a* to such a degree there is little or no pull upward on the peg P; also, another advantage is that the rod B can first be pinned to the ground by the peg or stake P, and after the wire *w* has been placed in the slit *s*, and while the tongue is at an oblique angle with the wire, the rod B can be moved to a line parallel with the wire, which stretches the wire taut, and then the other stake, P', is driven down over the rod B, as shown, and the device is then ready for operation.

In all anchors with which I am acquainted the wire or cord *w*, where connected to the anchor, is held near the earth, while its position on the planter is about thirty inches higher. This prevents the team from coming near the anchor when approaching thereto, while mine, by the use of the cross-arm *c*, holding the end of the wire about as high as it is on the planter, allows the team to approach much closer, planting about two rows more at each end, which is of great advantage.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is as follows, to wit:

1. In an anchor for check-rower cords or wires, the cross-bar *c*, attached to the tongue *a*, for the purpose set forth.
2. In an anchor for check-rower cords or wires, the combination of the horizontal rod B, tongue *a*, and stakes P and P', as and for the purpose set forth.
3. In an anchor for check-rower cords or wires, the cross-bar *c*, adapted to support the tongue *a*, as and for the purpose set forth.
4. An anchor for check-rowers, constructed substantially as described, having a support to hold the end connected to the wire at any desired height from the ground.

ISRAEL B. CURTIS.

Witnesses:

THOS. H. HUTCHINS,
WM. J. HUTCHINS.