

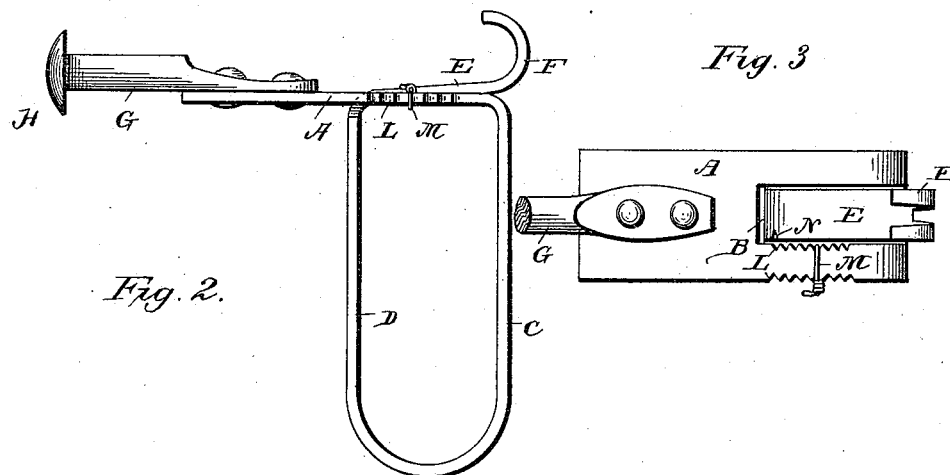
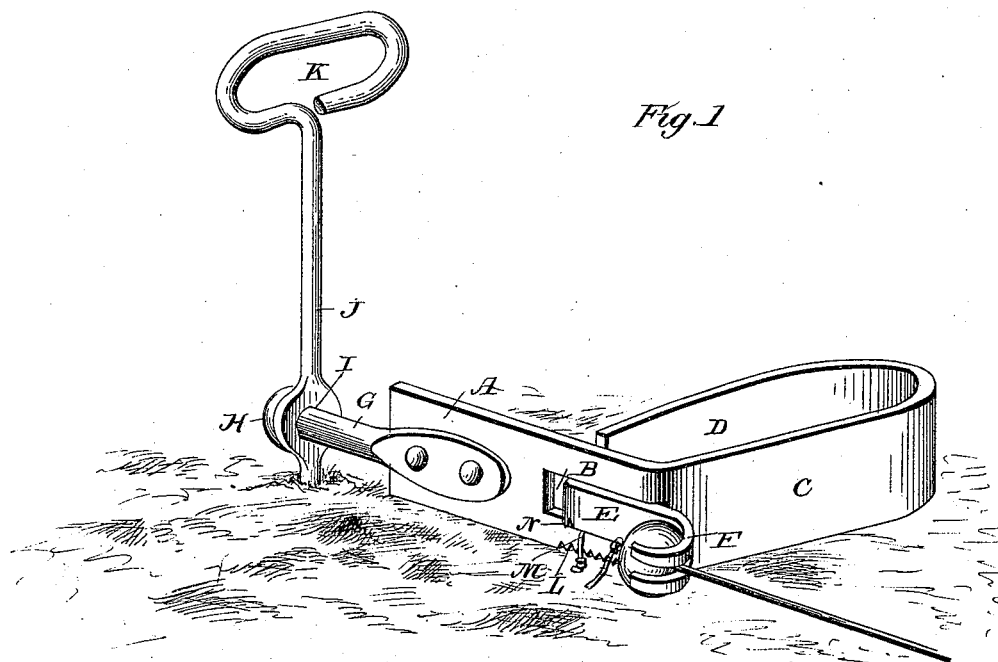
(No Model.)

A. T. CROW.

ANCHOR FOR CHECK ROWERS.

No. 348,152.

Patented Aug. 24, 1886.



**WITNESSES**

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# UNITED STATES PATENT OFFICE.

ABIJAH T. CROW, OF CLARINDA, IOWA.

## ANCHOR FOR CHECK-ROWERS.

SPECIFICATION forming part of Letters Patent No. 348,152, dated August 24, 1886.

Application filed December 10, 1885. Serial No. 185,241. (No model.)

### *To all whom it may concern:*

Be it known that I, ABIJAH T. CROW, a citizen of the United States, and a resident of Clarinda, in the county of Page and State of Iowa, have invented certain new and useful Improvements in Anchors for Check-Rowers; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective view of my improved anchor for check-rower wire, showing it in use. Fig. 2 is a similar view, on an enlarged scale, of the anchor; and Fig. 3 is a face view of the slotted plate and the hook.

Similar letters of reference indicate corresponding parts in all the figures.

My invention has relation to anchors for check-rower wires, and it contemplates certain improvements upon the anchor for which Letters Patent No. 328,879 were granted to me on the 20th day of October, 1885; and it consists in the improved construction and combination of parts of the same, as hereinafter more fully described and claimed.

In the accompanying drawings, the letter A indicates the upper plate, formed with the slot B, and having the downwardly-projecting portion C and the upwardly-projecting arm D, which is formed at its upper end with the forwardly-bent portion E, having the bifurcated hook F at its outer end, all of which parts are of the same construction and perform the same functions as the corresponding parts of the device hereinbefore referred to. The rear end of the slotted plate is formed into a bolt, G, having a head, H, at its end, and this bolt turns in an eye, I, upon the middle of a stake, J, having a handle or loop, K, at its upper end, and having its lower end pointed. One side of the slot in the main plate has a series of notches, L, in the edge of the slot and in the outer edge, into which notches a piece, M, of twine or wire may be secured, and the forwardly-bent end of the spring-arm is preferably provided with a notch, N, in the edge opposite to the notched edge of the slot.

When the anchor is to be used, the stake is inserted into the ground, when the spring will

rest edgewise upon the surface of the ground, and the wire may be secured in the bifurcated hook and prevented from slipping out by one of the buttons upon the wire resting within the hook. The wire is drawn to its desired tension, and by securing a piece of twine or wire in the notches in the side of the slot, which register with the notch upon the hooked arm, this tension may be retained whenever the anchor is moved, the wire being each time stretched until the twine or wire indicates the proper tension. It will be seen that the spring-arm will in this manner be allowed to yield if any undue strain is exerted upon the wire, the said spring-arm being free to be pressed against the outer arm, while in the anchor described in my former patent the set-screw will prevent the spring-arm from yielding, thus occasionally causing the breaking of the check-wire if any undue strain or jerk is suddenly exerted upon the wire by the check-rower passing over obstacles in the ground, or for any other similar cause, which is prevented by the spring-arm in this device being yielding and free to yield, so that it will give and break any sudden strain or jerk upon the wire.

The anchor is easily secured in the ground, the stake being simply forced into the ground until the eye is level with the surface and the spring rests edgewise upon the ground.

It follows that, if desired, the spring may be secured to a traveler, in the same manner as described in my former patent, without departing from the spirit of that part of the invention which pertains to the spring, the spring being capable of being secured to any anchoring device which may be found suitable.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

1. In an anchor for check-rower wire, a wire-holding device consisting of a flat spring-bar bent to form a slotted main plate, having one side of the slot notched at the edge of the slot, and at the outer edge a downwardly-bent outer arm, and an upwardly-bent spring-arm having a hook at its upper end sliding in the slot and provided with a notch registering with the other notches, as and for the purpose shown and set forth.

2. In an anchor for check-rower wire, a wire-holding device consisting of a flat spring-bar

bent to form a main plate slotted in its outer end, and having one side of the slot notched in its edges, a doubled spring-arm bent from the outer end of the slot and having its upper end bent forward and formed into a bifurcated hook sliding in the slot, and having a notch registering with the notches in the edge of the slot, and a piece of twine or wire secured around the notched side of the slot, as and for the purpose shown and set forth.

3. In an anchor for check-rower wire, the combination of a wire-holding device consisting of a main plate having a slot in its outer end, and a doubled spring-arm having its upper end formed into a bifurcated hook sliding in the slot, and having the rear end of the main plate formed into a headed bolt, with a stake having an eye for the headed bolt at its middle, and having a handle or loop at its upper end, and a pointed lower end, the headed

bolt turning in the eye, as and for the purpose shown and set forth.

4. In an anchor for check-rower wire, the combination of a main plate having its rear end formed into a headed bolt, and having a slot in its forward end, and a bifurcated hook secured to a spring and sliding in the slot, with a stake having an eye at its middle, and a handle or loop at its upper end, and a pointed lower end, the headed bolt turning within the eye, as and for the purpose shown and set forth.

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

ABIJAH T. CROW.

Witnesses:

HENRY LORANZ,  
W. E. STEVENS.