

(No Model.)

J. GLOR.
LINE HOLDER FOR WALKING CULTIVATORS.

No. 419,039.

Patented Jan. 7, 1890.

Fig. 1.

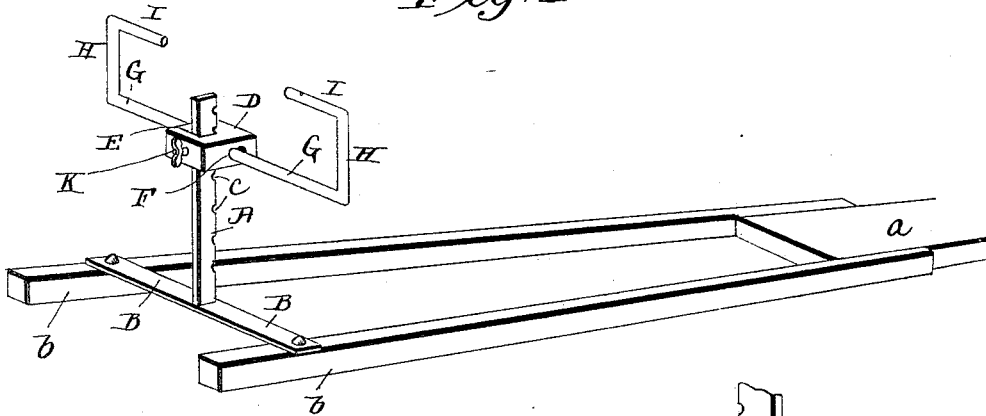


Fig. 2.

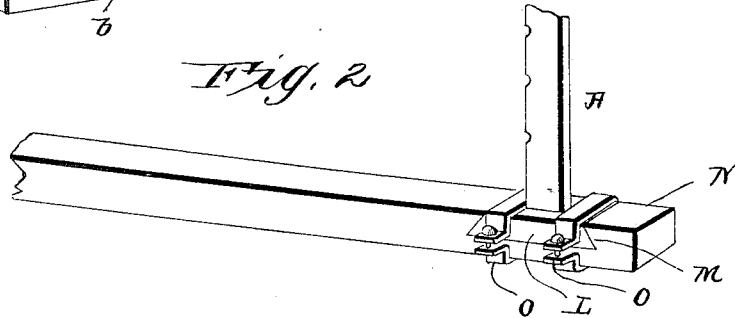
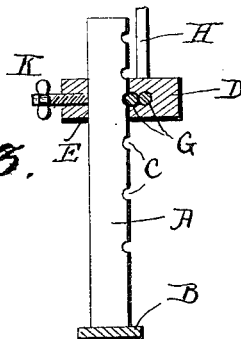


Fig. 3.



Witnesses

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LINE-HOLDER FOR WALKING-CULTIVATORS.

SPECIFICATION forming part of Letters Patent No. 419,039, dated January 7, 1890.

Application filed March 21, 1889. Serial No. 304,168. (No model.)

To all whom it may concern:

Be it known that I, JACOB GLOR, a citizen of the United States, residing at Prague, in the county of Sanders and State of Nebraska, have invented a new and useful Improvement in Line-Holders for Walking-Cultivators, of which the following is a specification.

My invention relates to an improvement in line-holders for walking-cultivators and plows; and it consists in the peculiar construction and combination of devices that will be more fully set forth hereinafter, and particularly pointed out in the claims.

In the drawings, Figure 1 is a perspective view of a portion of the frame of a walking-cultivator provided with a line-holder embodying my improvements. Fig. 2 is a perspective view of a modified form of my improved line-holder. Fig. 3 is a vertical sectional view of the form illustrated in Fig. 1.

A represents a vertical standard, which is provided at its lower end with horizontal arms B, which extend in opposite directions, and are adapted to bear upon the bifurcated arms *b* at the rear end of the tongue *a*, which comprises the main frame of the usual walking-cultivator, as shown in Fig. 1. The said arms B are secured to the rear ends of the arms *b* by means of bolts or clips, as shown, and thereby the standard is firmly supported on the cultivator-frame. Said standard is provided on its front side with a vertical series of concave recesses C.

D represents a head, which is provided with a vertical opening E, through which the standard extends, and has a longitudinal opening F.

G represents a pair of supporting-rods, which have their outer ends bent upward at right angles, as at H, and then bent inward for a slight distance, as at I. The longer horizontal portions of the said rods are arranged side by side and inserted through the horizontal openings F in the head, whereby the said arms are supported, and are adapted to be adjusted in a longitudinal direction to cause the vertical portions H thereof to approach or recede from each other. A set-screw K engages the threaded opening in the rear side of the head, and is adapted to impinge on the rear side of the standard A to clamp the head to the standard at any desired

vertical adjustment, and to also clamp the holding-arms to the head at any desired longitudinal adjustment. The recesses C are engaged by one of the holding-arms at different vertical adjustments of the head, as shown in Fig. 4, and when the set-screw is turned to clamp the head to the standard the openings, by engaging one of the arms, absolutely prevent the possibility of the vertical adjustment of the head becoming deranged, as will be readily understood.

In Fig. 2 I illustrate a modified form of my invention, in which the standard A has a base-plate L, the ends of which are dovetailed and adapted to fit in a dovetailed recess M in a beam N of a cultivator or sulky-plow frame. Clip-bolts O are in this instance arranged in such manner as to encompass the ends of the base-plate and the beam N and clamp the base-plate firmly to the said beam.

The operation of my invention will be very readily understood. The reins are passed over the guide-arms G, and by adjusting the latter toward or from each other, and by adjusting the head vertically on the standard, the reins may be supported in any desired position, according to the stature of the driver, and prevented from coming in contact with parts of the cultivator-frame.

In Fig. 3 I illustrate another modified form of my invention, in which the standard is provided with two vertical arms M, having their upper ends N bent inward toward each other. On the said arms M is arranged a horizontal bar O, which has its ends bifurcated to receive the arms, and in the said bifurcated ends are pivoted a pair of eccentric clamps P, which are adapted to impinge on the arms N and secure the yoke thereto at any desired vertical adjustment.

Having thus described my invention, I claim—

1. In a rein-holder, the combination of the standard, the head vertically adjustable thereon, and the oppositely horizontally disposed and independently-adjustable supporting-arms mounted in the head, substantially as specified.

2. In a rein-holder, the combination of the vertical standard, the head adjustable thereon, the arms G, overlapping each other, ex-

tending through the head, one of the said arms bearing against the standard, and the set-screw in the said head adapted to impinge on the standard, substantially as described.

- 5 3. In a rein-holder, the combination of a vertical notched standard, a vertically-sliding head having a transverse opening, opposite overlapping L-shaped arms adjustable in the said opening, provided with inturned ends,
10 and an adjusting-screw passing through the

head and impinging against the standard and serving to bind one of the arms in an adjacent notch, substantially as set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in 15 presence of two witnesses.

JACOB GLOR.

Witnesses:

D. C. HARPER,
GEO. F. SMITH.