WILLIAM PARRISH.

Improvement in Gang-Plow.

No. 128,245. Patented June 25, 1872.

Fig. 1.

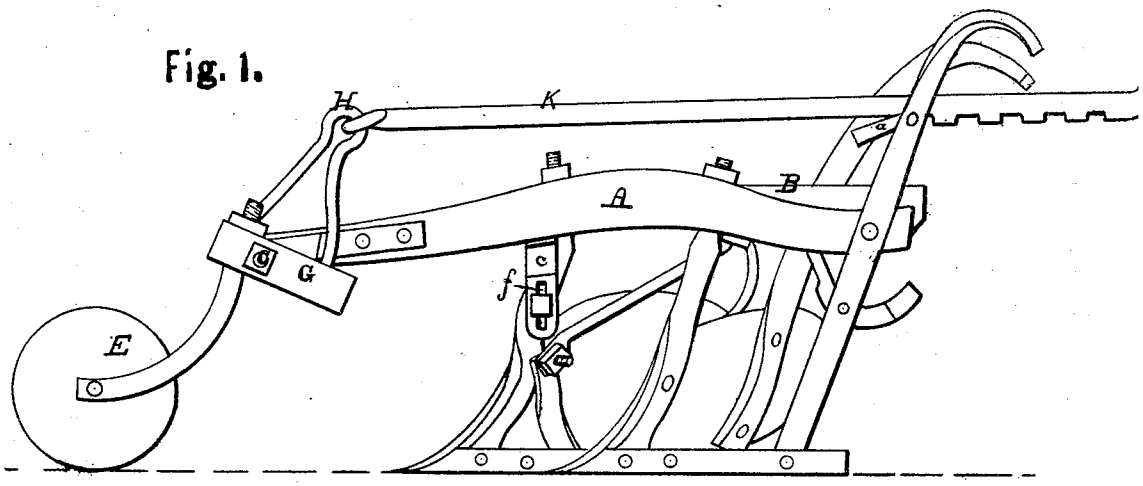
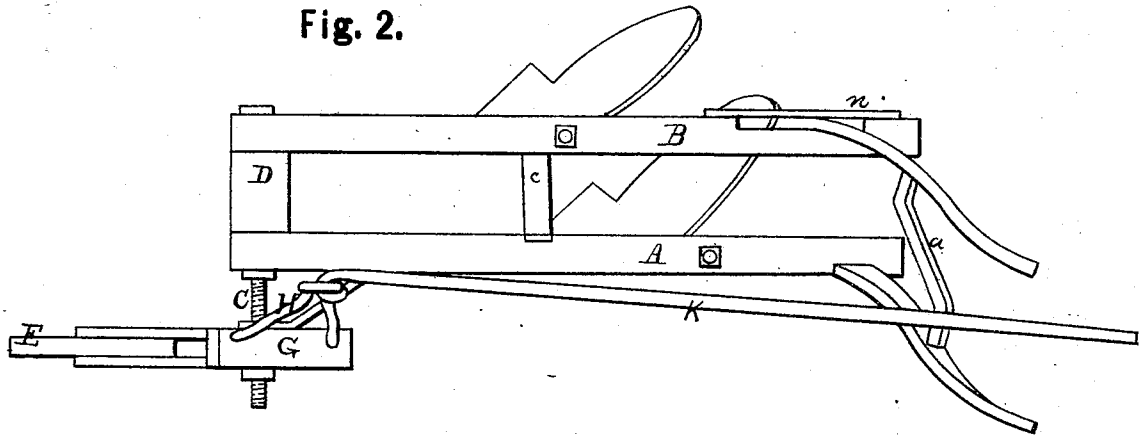


Fig. 2.



WITNESSES.

E. A. Bates

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UNITED STATES PATENT OFFICE.

WILLIAM PARRISH, OF DAYTON, OREGON.

IMPROVEMENT IN GANG-PLOWS.

Specification forming part of Letters Patent No. 128,245, dated June 25, 1872.

To all whom it may concern:

Be it known that WILLIAM PARRISH, of Dayton, in the county of Yam Hill and State of Oregon, has invented a new and valuable Improvement in Gang-Plows; and he does hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a representation of a side elevation, and Fig 2 is a top view of my invention.

My invention has relation to gang-plows; and consists in the novel construction and arrangement of the pivoted caster-beam, operating lever, and slotted plow-beam, hereinafter described, for the purpose of enabling the operator to regulate the depth of the furrow at will.

A of the drawing represents the main beam of my plow; and B, the auxiliary beam, to each of which I attach a plow, in the manner shown. The letter C represents a screw-bolt that connects the plow-beams at their front ends, and D is a block interposed between said beams, as shown. The letter E represents a caster-wheel attached to the front end of the caster-beam G. This beam G serves as the head of the caster-wheel, and also as a pivoted lever, operating as hereinafter mentioned. I attach a staple, H, to this caster-beam, and to the top thereof I affix the operating-lever K, which extends rearward to the handles of the plow. The lever K is notched on its under side in the form of a ratchet-bar, and the notches adapted to fit and engage with the cross-bar *a*, between the plow-handles. By moving this lever back or forth the caster-wheel is made to assume the position desired, and thereby the depth of furrow regulated. The ratchet-teeth on said bar enable the operator to secure the caster in place, and this is accomplished by adjusting said ratchet upon the cross-bar *a*.

In order to provide against too great rigidity of action in my plow, I arrange the right-hand plow-beam in such manner that it may act to some extent independently of the other in its vertical movements. This result is secured by adapting the screw-bolt C to serve as a pivot-pin, by slotting the connecting-beam *c*, as shown at *f*, and also by slotting the rear end of said right-hand beam, as shown at *n*, to serve as a guide, but not as an attachment to the plow-handle. By the means enumerated in this paragraph, an independent vertical movement is permitted to said right-hand plow, by which it is freed from rigidity when the left-hand plow is raised or lowered by the operating-lever and caster.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The caster E, beam G, adjustable screw C, lever K, and cross-bar *a*, constructed combined, and arranged in a plow, substantially as and for the purpose specified.

2. In a gang-plow having two or more beams with caster and lever attachments, as described, the slotted connecting-bar C, slotted beam B, and pivot-pin C, constructed and arranged substantially as and for the purpose specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

WILLIAM PARRISH.

Witnesses:
JOHN CAREY,
CHARLES WHITE.