

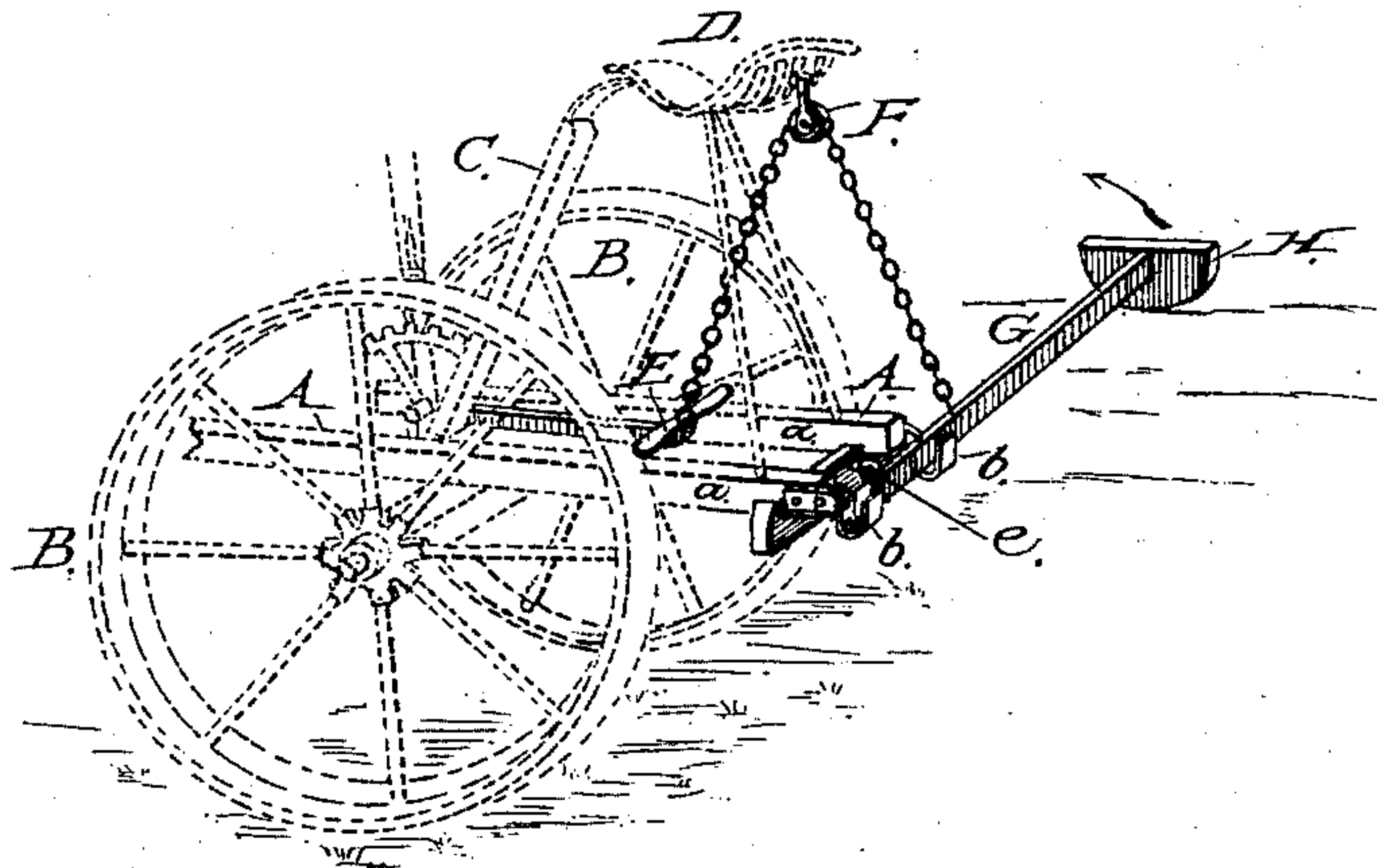
(No Model.)

E. A. BACHMAN.

LAND MARKER.

No. 367,579.

Patented Aug. 2, 1887.



Witnesses

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UNITED STATES PATENT OFFICE.

ERNEST A. BACHMAN, OF DYSART, IOWA.

LAND-MARKER.

SPECIFICATION forming part of Letters Patent No. 367,579, dated August 2, 1887.

Application filed May 24, 1887. Serial No. 239,195. (No model.)

To all whom it may concern:

Be it known that I, ERNEST A. BACHMAN, a citizen of the United States, residing at Dysart, in the county of Benton and State of Iowa, have invented certain new and useful Improvements in Land-Markers, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing, forming a part of this specification, in which the figure represents a perspective view of a portion of a corn-planter having my improvements applied thereto.

My invention relates to certain improvements in land-markers; and it consists in the construction and combination of devices which I shall hereinafter describe and claim.

To enable others skilled in the art to make and use my invention, I will now describe its construction and indicate the manner in which the same is carried out.

In the said drawing, A represents the frame, B the bearing-wheels, C the seat-standard, D the seat thereon, and E is the foot-lever, all of the usual or any well-known construction.

Secured to the longitudinal beams *a* of the frame A are suitable brackets, *b*, which receive and support the rod or beam G, carrying at its outer end the usual shoe or plate, H.

The beam or rod G is secured to the rear of the frame A and at the center thereof by a universal joint or coupling, *e*, whereby the marking-rod and its attached shoe may have a free movement from one side of the main frame to the opposite side, the said rod being supported in pockets formed in the brackets before mentioned. A chain or cord is attached to the rod or beam G and passes over a pulley, F, swiveled to the under portion of the seat, and has its opposite end firmly secured to the foot-lever E, as shown.

By reason of the above construction the marking attachment may be shifted from one side of the planter to the other by simply depressing the foot-lever E, which, drawing upon the cord or chain, raises the bar G from engagement with its bracket and permits it to be swung to the opposite side.

As the marking attachment is connected by a universal joint to the frame and the pulley swiveled to the seat, it is evident they do not interfere with the movements of the bar G, but rather accelerate the same.

I am thus enabled to provide a simple marking attachment which may be applied to all planters without serious expense or trouble.

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

1. The combination, with a frame, of a marking attachment comprising the bar or rod G, connected with said frame by a universal joint, a pulley, and a cord or chain passing over said pulley, connected at one end to said rod or beam and at the opposite end to an operating lever, substantially as herein described.

2. The combination, with a corn-planter having a seat and operating foot-lever, of a marker consisting of the brackets *b*, the swiveled rod G, engaging said brackets, and a rope or chain secured to the rod, passing over a pulley, and having its opposite end secured to the operating foot-lever E, the said pulley being swiveled to the bottom of the seat, substantially as herein described.

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Witnesses:

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