

J, T. P., & J. A. ELAM.  
Sulky-Plow.

No. 224,820.

Patented Feb. 24, 1880.

Fig. 1.

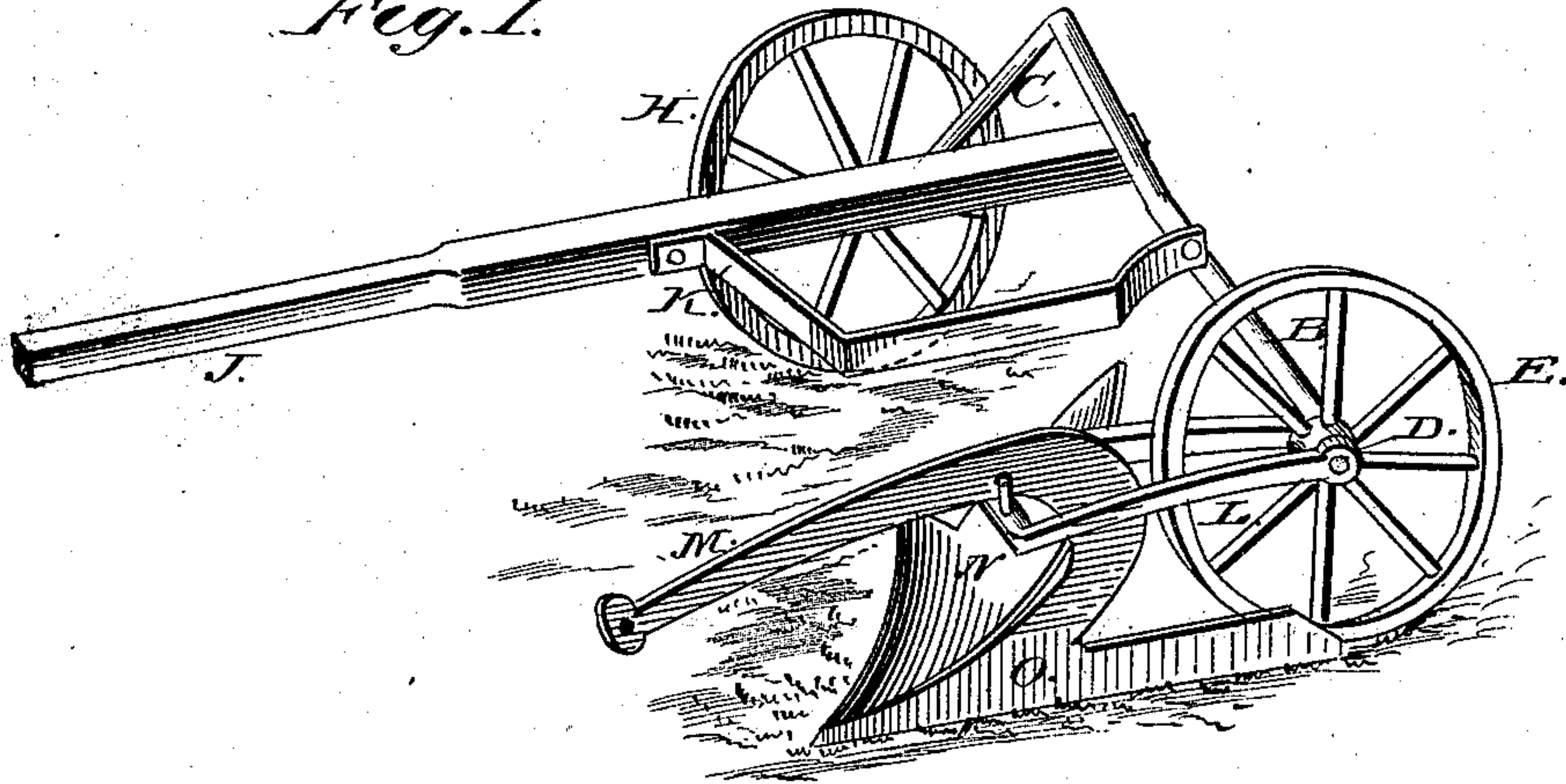


Fig. 2.

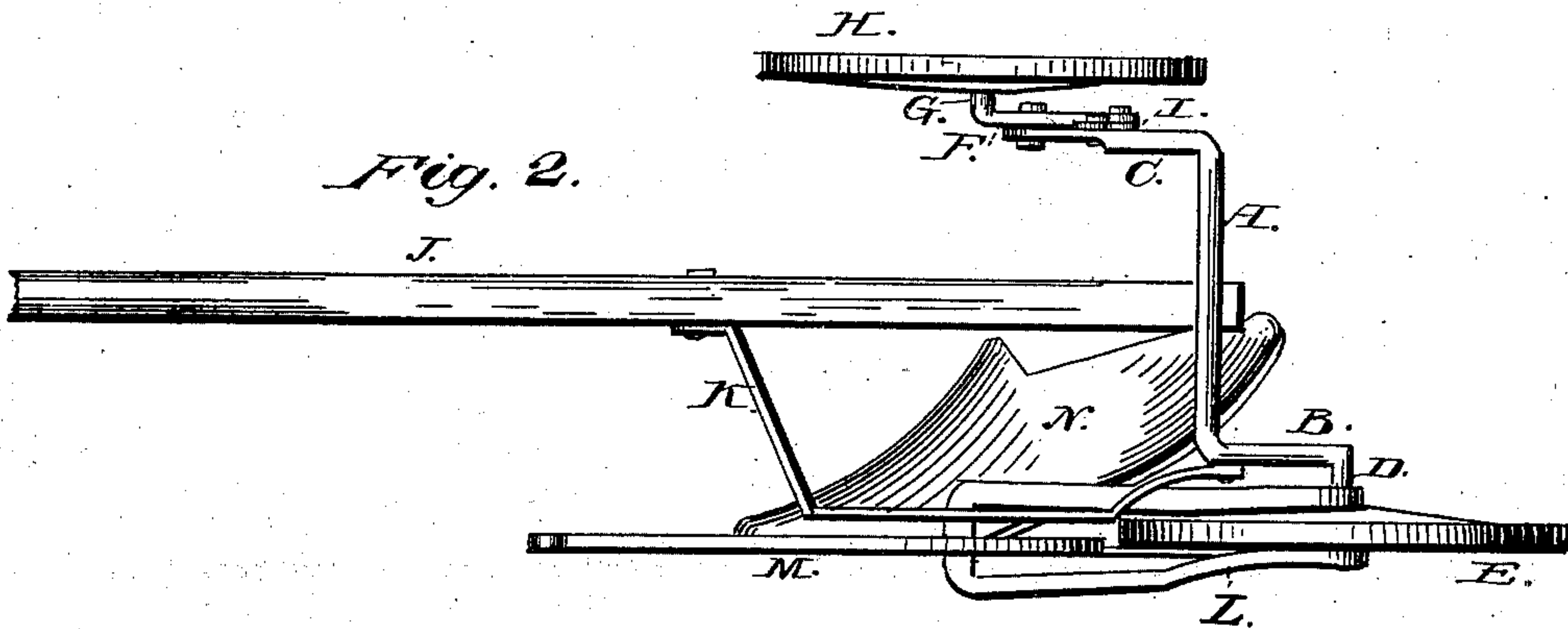
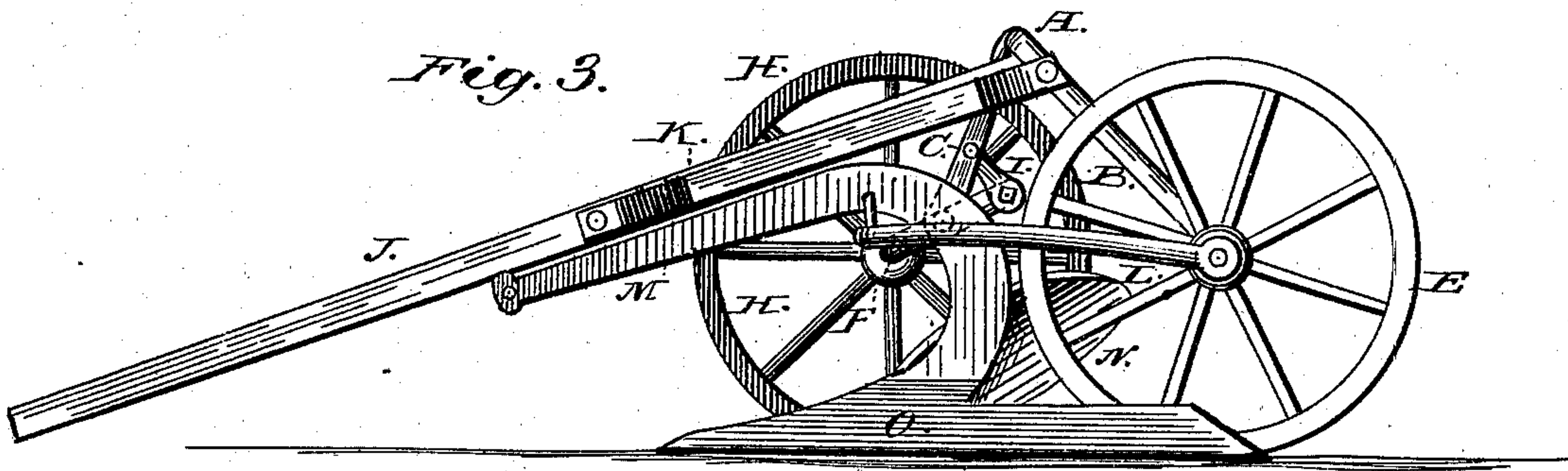


Fig. 3.



Witnesses:  
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# UNITED STATES PATENT OFFICE.

JOEL ELAM, THOMAS P. ELAM, AND JOHN A. ELAM, OF GREENVILLE, ILL.

## SULKY-PLOW.

SPECIFICATION forming part of Letters Patent No. 224,820, dated February 24, 1880.

Application filed April 25, 1879.

*To all whom it may concern:*

Be it known that we, JOEL ELAM, THOMAS PERCIVAL ELAM, and JOHN ANDERSON ELAM, of Greenville, in the county of Bond and State of Illinois, have invented certain new and useful Improvements in Sulky-Plows; and we 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.

Figure 1 is a perspective view. Fig. 2 is a top view, and Fig. 3 is a side view.

Corresponding parts in the several figures are denoted by like letters of reference.

This invention relates to sulky-plows; and it consists in certain improvements in the construction of the same, which will be hereinafter fully described, and particularly pointed out in the claim.

In the drawings, A is the axle, which is provided with two downwardly-projecting arms, B C, which are at an angle of about sixty or sixty-five degrees to each other, more or less, as may be desired. The arm B terminates in a spindle, D, carrying the wheel E, and to the lower end of the arm C is pivoted a crank-arm, F, carrying upon a spindle, G, the wheel H. The crank-arm F is adjustable to the arm C by a strap, I, so that the wheel H may be raised or lowered when necessary. The tongue J projects forwardly from the axle and is secured by a brace, K.

L is a bail pivoted upon the spindle D, from which it projects in a forward direction. The

beam M of the plow N is pivoted upon the front end of said bail, the land-side O of the plow being thus made to run outside the wheel E.

A suitable arrangement of levers may be used for the purpose of raising and lowering the plow.

In operation both wheels run in the furrow. While the first furrow is being opened the strap I may be adjusted or detached, so as to raise the wheel H temporarily for this purpose.

This invention is simple in construction, durable, and cheap.

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

The combination of the axle A, having downwardly-projecting arms B C, placed at an angle of about sixty or sixty-five degrees to each other, tongue J, brace K, connecting the tongue with the rearward-extending arm B, bail L, hinged upon the spindle of arm B, plow M N, pivoted upon the forward end of said bail, furrow-wheel E, and adjustable transporting-wheel H, all arranged and operating substantially as and for the purpose set forth.

In testimony that we claim the foregoing as our own we have hereto affixed our signatures in presence of two witnesses.

JOEL ELAM.

THOMAS PERCIVAL ELAM.

JOHN ANDERSON ELAM.

Witnesses:

WILLIAM S. SMITH,  
M. N. DENNY.