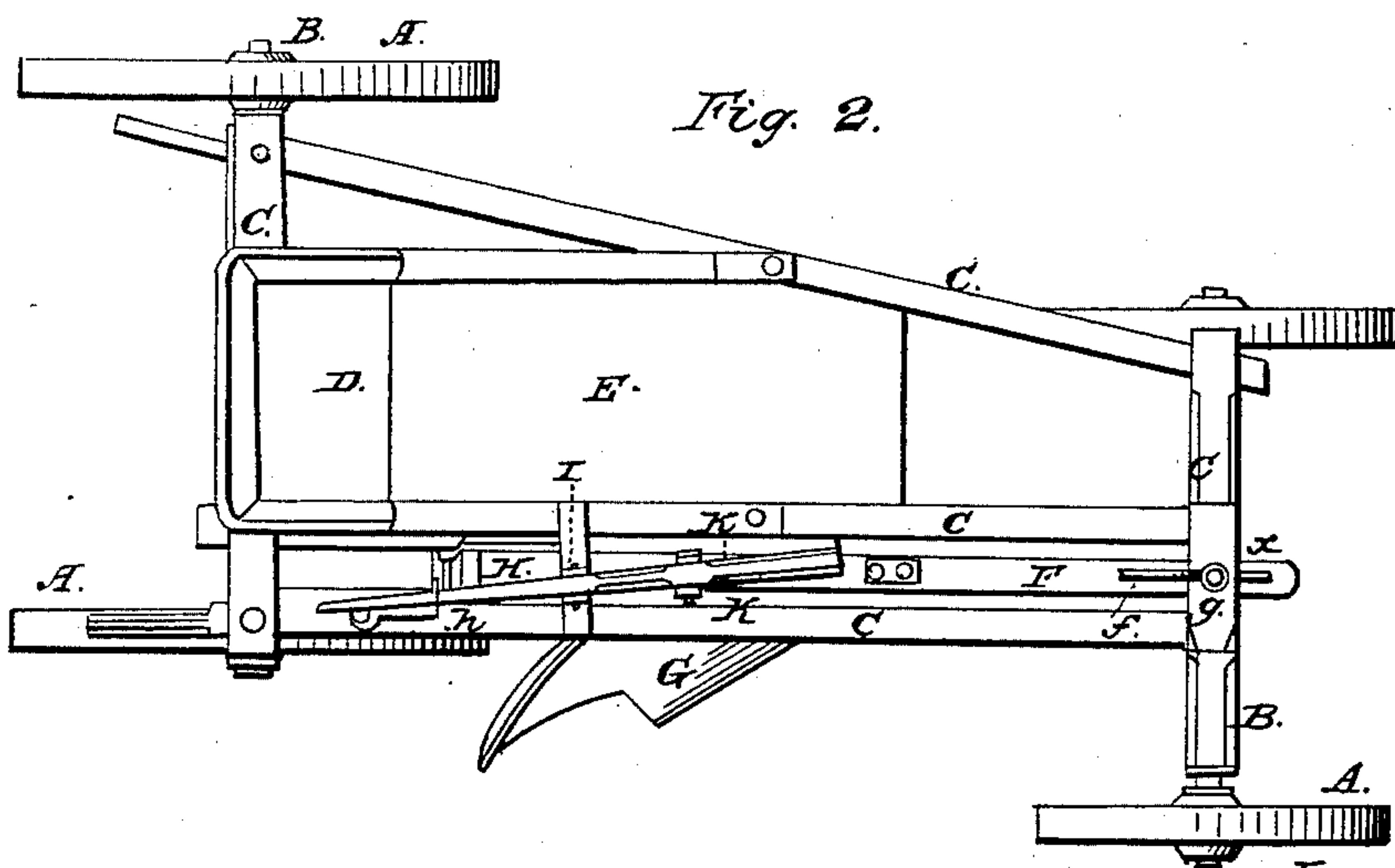
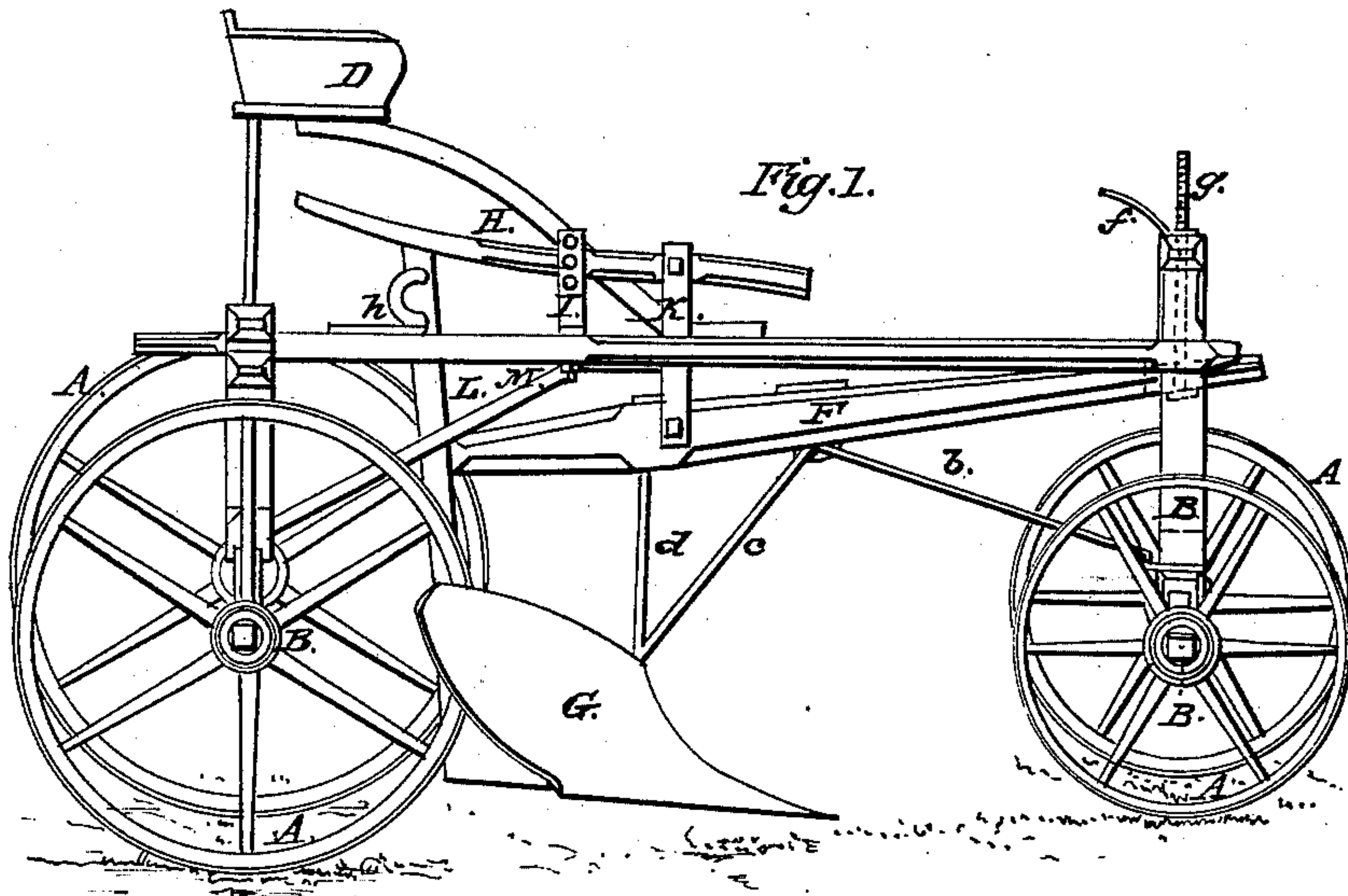


N. B. NORTON.

Wheel Plow.

No. 82,241.

Patented Sept. 15, 1868.



Witnesses:  
*A. Mahman*  
*W. D. Cook*

Inventor:  
*Nelson B. Norton*  
per  
*Alexander & Mason*  
attorneys.

# UNITED STATES PATENT OFFICE.

NELSON B. NORTON, OF BURLINGTON, WISCONSIN.

## IMPROVEMENT IN FOUR-WHEEL PLOWS.

Specification forming part of Letters Patent No. 82,241, dated September 15, 1868.

*To all whom it may concern:*

Be it known that I, NELSON B. NORTON, of Burlington, in the county of Racine, and in the State of Wisconsin, have invented certain new and useful Improvements in Four-Wheel Plows; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings and the letters of reference marked thereon.

In the annexed drawings, making a part of this specification, A A represent wagon or carriage wheels, and B B the axles thereof. The axles B B are made with an arm on the right end thereof, which projects downward, to which the spindle of the axle is attached, so that the right-hand wheels may run in a furrow and the body and axles of the wagon remain level or horizontal when in operation.

C represents the frame or body of the wagon or carriage, which is made in the form shown in the drawings, the left side of it extending off at an angle, so as to brace and keep the hind axle parallel with the front end of the frame. A platform, E, and seat D are secured to the top of the frame C, as is fully shown. It will be seen that the frame or body C is so secured to the rear and front axles that the right-hand front wheel will follow the furrow in front of the plow G, and the right-hind wheel follows the furrow behind said plow. It will also be seen that the draft of the plow comes exactly in the middle of the front axle.

At the right side, and forming a part of the frame or body C, are two parallel bars, to which straps or braces M are secured, and extend thence back and are secured to the hind axle, and on top of said parallel bars, and across them, I secure a plate, I, with flanges or projections, between which is pivoted a lever, H. The lever H, pivoted between the flanges of the metallic plate or jaws I, operates the plow-beam F up and down at pleasure by means of metallic straps or plates K, pivoted thereto.

The risers or posts of the frame C, in which the parallel bars of the said frame are fastened, form suitable guides, in which the forward end of the plow-beam F works.

G represents an ordinary plow, secured to its beam F, in the usual manner, and having a brace, c, extending from it to the beam F. Another brace or draft-rod, b, is fastened to the beam F by the same loop which fastens the brace c thereto, and extends thence to the front axle, B, and there fastened to the middle of it. A regulating-rod, g, is adjusted in the cap of the parallel posts or risers of the frame C, which is operated up and down by means of the nut f, so as to regulate the front end of the beam F, and thereby the depth of the plow G in the ground. When it is required to raise the plow G, so as to get it over a rough or uneven place, or when going from one field to another, the driver may raise the same by means of the lever H. Said lever may be held in place by means of a simple catch, h, as shown. The plow G is held in its true and proper plane by means of the standard L, which works up and down between the metallic brace-straps M and the parallel bars of the frame or body C.

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

1. The arrangement of the lever H, jaws I, and metallic straps K with the plow-beam F, frame C, post or standard L, straps M, and catch h, when constructed and used as and for the purpose set forth.

2. The adjustable rod g, in combination with the frame C and plow-beam F, when arranged as and for the purpose specified.

In testimony that I claim the foregoing I have hereunto set my hand this 3d day of February, 1868.

NELSON B. NORTON.

Witnesses:

T. M. RICE,  
JOHN T. FISH.