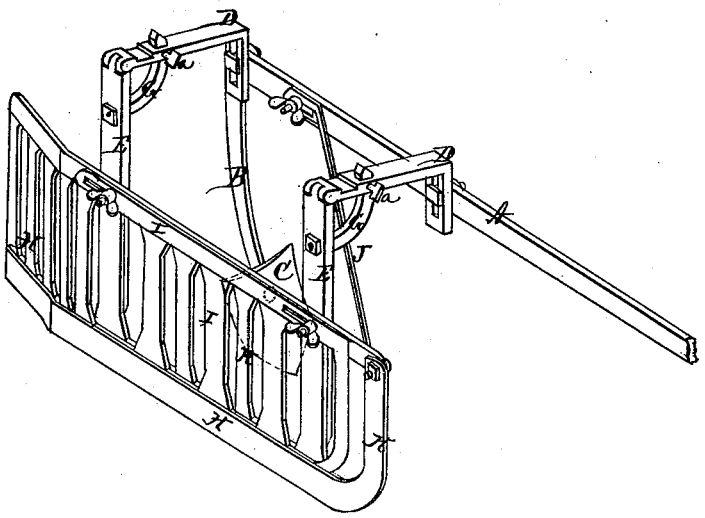
R. T. Gillespie,

Clod Fender.

No. 111,631. Patented Feb. 7, 1871.



Witnesses
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UNITED STATES PATENT OFFICE.

ROBERT T. GILLESPIE, OF MILLPORT, OHIO.

IMPROVEMENT IN CLOD-FENDERS.

Specification forming part of Letters Patent No. **111,631**, dated February 7, 1871.

To all whom it may concern:

Be it known that I, ROBERT T. GILLESPIE, of Millport, in the county of Columbiana, and in the State of Ohio, have invented certain new and useful improvements in Clod-Fenders; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction and arrangement of a "clod-fender" for plows, as will be hereinafter fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, which represents a perspective view of a plow with my clod-fender attached thereto.

A represents the plow-beam, B the shank, and C the blade, of a plow made and constructed in any of the known and usual ways.

At suitable points and at suitable distance apart on the beam A are attached two L-shaped bars, D D. The vertical parts of these bars are slotted, and a headed bolt passes through each of said slots and through the plow-beam and is secured by a set-nut on the opposite side of the beam. By this means the bars D D may be raised and lowered at will as the occasion may require.

To the outer ends of the horizontal parts of the L-shaped bars D D are hinged other bars, E E, which are braced at any angle desired by means of segmental braces G G, which are secured to the straight bars E, and pass through slots or mortises made for that purpose in the bars D D. These segmental braces are held or fastened in the bars D D by means of set-screws *a a*.

To the straight bars E E is secured the shield H, constructed, as shown, of horizontal top and bottom bars connected by vertical bars a suitable and equal distance apart. The outer top edge of the bottom bar of the shield H is grooved, as well as the rear edge of the front vertical bar, and in these grooves is inserted a sliding shield, I, constructed in the same manner as the main shield. The top bar of the sliding shield I has two horizontal slots, as shown, through which and through the top bar of the main shield bolts pass for the purpose of securing the two shields together. By sliding the shield I and securing it in such a position that its vertical bars will come between the vertical bars of the main shield the openings are made so much smaller, and thus this fender may be used in any kind of ground and for any plants. The shield H is connected with the beam A by a brace, J, the end of said brace attached to the shield being pivoted, and the end attached to the beam being slotted, with the bolt passing through said slot, so that the brace may accommodate itself to the adjustment of the fender to or from the plow, it being of course understood that such adjustment is accomplished through the medium of the hinged bars E E.

The depth that the fender is to be worked is regulated by the slotted L-shaped bars D D, as above set forth.

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

1. The shield H, constructed as described, and provided with an adjustable sliding auxiliary shield, I, substantially as and for the purposes herein set forth.

2. In combination with a plow, the slotted L-shaped bars D D, hinged bars E E, with their braces G G, and the fender H I, all constructed and arranged substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 24th day of September, 1870.

ROBERT T. GILLESPIE.

Witnesses:

JOHN CLARKE,

JOHN MCVICKER.