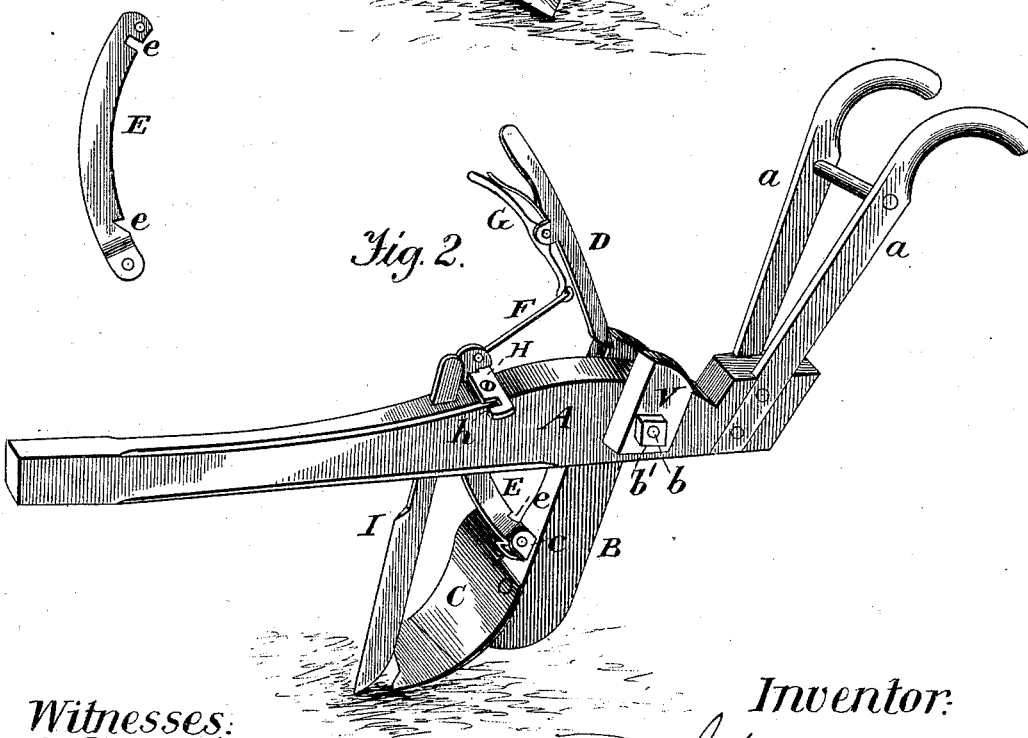
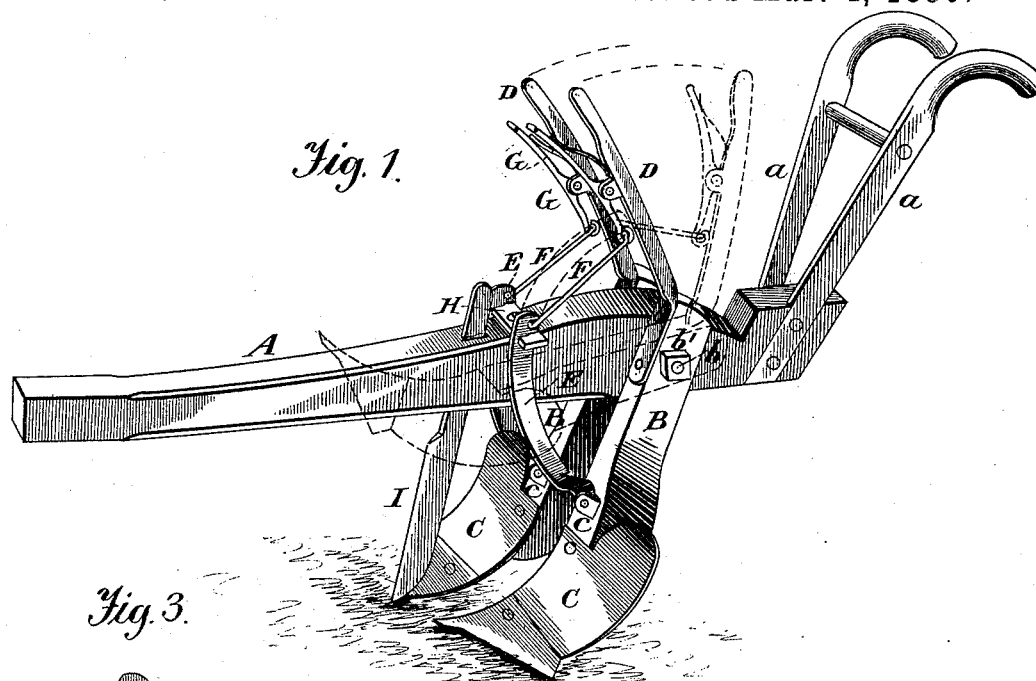


(No Model.)

J. W. FIELDS.
PLOW.

No. 422,756.

Patented Mar. 4, 1890.



Witnesses:
A. Ruppert.
Edwin Cruise.

Inventor:
John W. Fields,
by Att. W. J. Howard
attys.

UNITED STATES PATENT OFFICE.

JOHN W. FIELDS, OF EZEL, ASSIGNOR OF ONE-HALF TO C. C. FIELDS, OF WEST LIBERTY, KENTUCKY.

PLOW.

SPECIFICATION forming part of Letters Patent No. 422,756, dated March 4, 1890.

Application filed November 16, 1889. Serial No. 330,612. (No model.)

To all whom it may concern:

Be it known that I, JOHN W. FIELDS, of Ezel, in the county of Morgan and State of Kentucky, have invented certain new and useful Improvements in Plows, of which the following is a specification, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The object and nature of my invention will be fully set forth in the following specification and claims.

In the drawings, Figure 1 is a perspective view of my invention. Fig. 2 is a similar view showing my invention with one plow removed, and Figs. 3 and 4 are detached details.

Similar letters of reference indicate similar parts in all the figures.

A is the beam, and *a a* the handles.

B B are the standards, to the lower ends of which the plows C C are attached. The said plows are adapted to turn furrows in opposite directions, one being a right and the other a left hand plow. The standards are pivoted at their upper ends to the beam A by means of the headed bolt *b*, the end of which is screw-threaded for the reception of the nut *b'*.

D D are levers firmly secured to the upper ends of the standards B B.

E E are segmental bars pivoted at one end in suitable brackets *e e*, secured to the standards B B, near their lower ends, and connected at their other end, by means of the links or rods F F, to the spring-actuated levers G G, pivoted on the lever D D. The links F F are loosely attached to the bars E E and levers G G.

H is a plate firmly secured to the beam A and projecting beyond it on each side. The projecting portions are provided with recesses *h h*, in which the segmental bars E E enter. The bars E E are also provided with notches or recesses *e e*, into which the plate H is adapted to enter, and thus lock the bars and plate H together, they being held in engagement by the spring-actuated lever G G.

I is the cutter.

The bars E E serve as braces for the plows when in operation. When it is desired to elevate either of the plows so as to be clear

of the ground, it is only necessary to grasp the two levers D and G, and by pressing on the lever G the bar E will be thrown out of engagement with the plate H, and the plow and standard can be swung on the pivotal bolt *b* until they occupy the position shown in dotted lines, Fig. 1, when on releasing the lever G its spring will throw the lower end in toward the lever D and cause the plate H and bar E to engage each other by means of their respective notches.

To make a single plow either right or left handed, it is only necessary to remove either of the plows, which can easily be done by taking out the bolt *b*, and after removing one of the standards and substituting the block V therefor securing the bolt *b* in its position again.

It will thus be seen that the device can be used for hillside-plowing by operating one plow at a time. It can also be used as a single plow, either right or left handed. By operating both plows at the same time it can be used for ditching and bedding, and by detaching the cutter it could be used as a potato-digger.

Having described my invention, I claim—

1. The combination, with the plow-beam and the plow-standards pivoted thereto, of the levers D, secured to the upper ends of the standards, the notched plate secured to the beam, and the notched segmental bars pivoted to the lower ends of said standards and engaging the notched plate, substantially as specified.

2. The combination, with the plow-beams and the plow-standards pivoted thereto, of the levers D, secured to the upper ends of the standards, the notched plate secured to the beam, the notched segmental bars pivoted to the lower ends of said standards and engaging the notched plate, the spring-actuated levers G, pivoted on the levers D, and the links or rods connecting the segmental bars and the levers G, substantially as specified.

In testimony whereof I have hereunto set my hand and seal.

JOHN W. FIELDS. [L. S.]

Witnesses:

C. C. FIELDS,
SANFORD DAVIS.