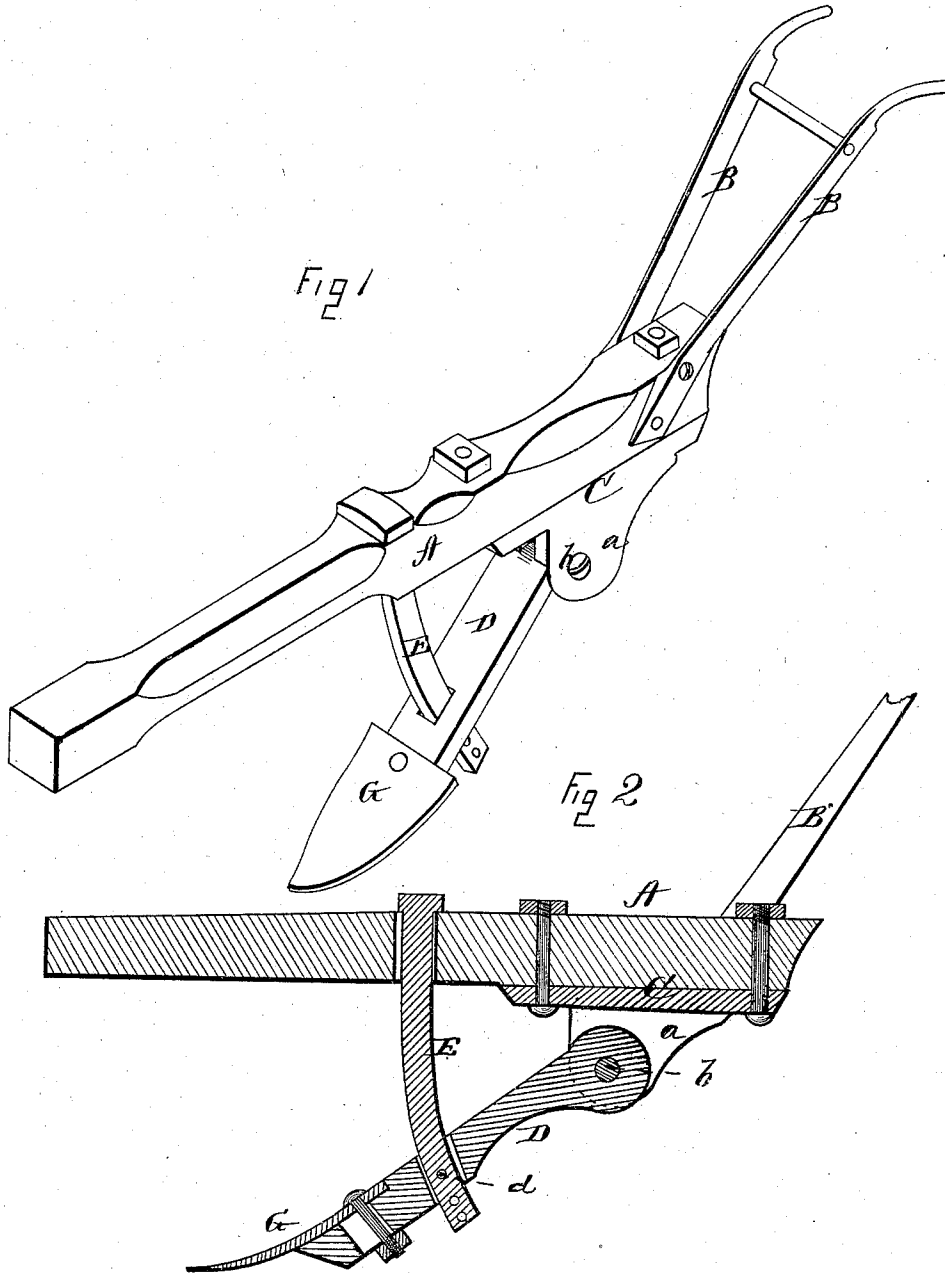


J. M. COBB.

Plows.

No. 138,131.

Patented April 22, 1873.



Witness:
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UNITED STATES PATENT OFFICE.

JAMES M. COBB, OF JACKSON, TENNESSEE.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. **138,131**, dated April 22, 1873; application filed January 27, 1873.

To all whom it may concern:

Be it known that I, JAMES M. COBB, of Jackson, in the county of Madison and in the State of Tennessee, have invented certain new and useful Improvements in Adjustable Plows; and 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 plow, whereby the foot-piece, and consequently the blade, may be conveniently adjusted to suit the peculiarities of any soil, as will be hereinafter more 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, in which—

Figure 1 is a perspective view, and Fig. 2 a longitudinal section, of my plow.

My plow consists of the beam A, with ordinary handles B B, the bearer C, foot-piece D, semicircular stay-rod E, and blade G. The bearer C is bolted securely to the under side of the rear end of the beam A, and is provided with flanges *a a*, one on each side, with a space between forming a receptacle for the top end of the foot-piece D, which is secured in its place by a pin, *b*, upon which it swings freely. The foot-piece D has a slot or hole through it near its center, through which passes the stay rod or bar E, and a slot at the lower end for securing the blade G, which may be of any size or pattern. The object of the slot in the lower end of the foot-piece or standard D is to allow the attachment of any blade or point that may be desired, so that the same will be close up against the shoulder on the standard, as shown. The stay rod or bar E is fastened securely in the beam, just in front of the bearer-plate, and at a point equidistant from

the pin on which the foot-piece swings and the hole in the foot-piece through which the said bar passes. This bar has several holes through and near its lower end, and a pin, *d*, passing transversely through the foot-piece and through the bar, thereby securing the blade of the plow at any angle that may be desired to suit the soil to be cultivated. This pin *d* should be of wood, so that it will break when the plow strikes any obstruction, and thus prevent the breakage of the point or blade.

It will be seen that the handles B B are attached directly to the beam A, and that the foot-piece moves on its hinge independently of the other parts; hence, this foot-piece can be set or adjusted at any desired angle without changing the position of the handles.

I am aware that a plow composed of a bifurcated metal standard hinged to a metallic plate which is secured to the under part of a plow-beam, and provided with a curved brace-rod, one end of which is fastened to the forward end of the under plate and the other passed between the bifurcated standard, is not new; hence I make no claim to such as my invention.

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

The bearer-plate C, constructed as shown and provided with ears *a a*, and the standard or foot-piece D hinged between said ears and slotted, as described, in combination with the stay-rod E with break-pin *d* and the blade G, all arranged with the beam A, as herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 6th day of December, 1872.

JAS. M. COBB.

Witnesses:

L. T. LINDSEY,
I. R. CHAPPELL.