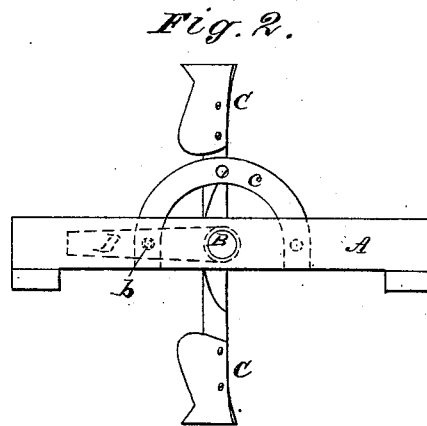
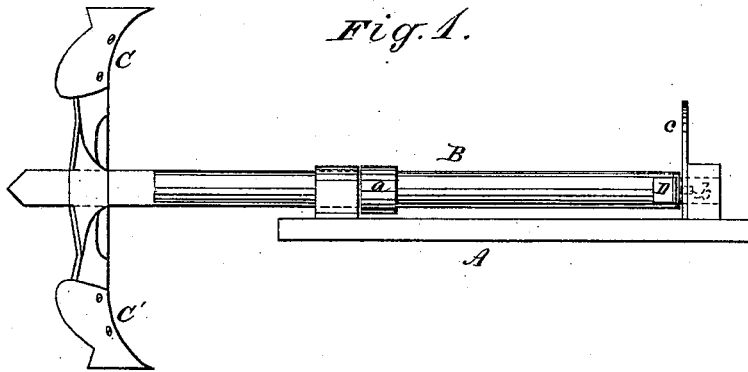


C. DANIEL.  
Reversible Plow.

No. 199,036.

Patented Jan. 8, 1878.



WITNESSES:

*H. Rydquist.*  
*J. Scarborough.*

INVENTOR:

*C. Daniel.*  
BY *Munn & Co.*

ATTORNEYS.

# UNITED STATES PATENT OFFICE.

CHARLES DANIEL, OF VIRGINIA, MISSOURI.

## IMPROVEMENT IN REVERSIBLE PLOWS.

Specification forming part of Letters Patent No. **199,036**, dated January 8, 1878; application filed October 20, 1877.

*To all whom it may concern:*

Be it known that I, CHARLES DANIEL, of Virginia, in the county of Bates and State of Missouri, have invented a new and Improved Reversible Plow, of which the following is a specification:

Referring to the accompanying drawings, forming part of this specification, Figure 1 is a side elevation of my improved plow, and Fig. 2 is an end elevation.

Similar letters of reference indicate corresponding parts.

The invention will first be described in connection with the drawing, and then pointed out in the claim.

In the drawings, A is a rigid frame, which is supported upon suitable wheels. In this frame a shaft or beam, B, is journaled, and is provided with a collar, a, which prevents it from being drawn backward. To this shaft two plows, C C', are attached, one on each side of the beam, one being a right-hand, and the other a left-hand, plow. These plows are of the ordinary form, and are secured to the beam by bolts passing through flanges on their shanks and through the beam. To the forward end of the beam a lever, D is secured, which is provided with a pin, b, which may engage

with any one of three holes in a curved bar, c, attached to the frame. When the pin b is in one of the holes near the end of the curved bar, the right-hand plow is placed in position for work. When the pin is in the hole at the other end of the bar, the left-hand plow is in position for work; and when the pin is in the central hole, the plows are both in a horizontal plane, and may be moved from one field to another.

I am aware it is not new to reverse a hill-side plow by means of a lever connected with the shaft to which the shares are attached, nor to employ a screw-pinion for holding a reversible plow in either of the two positions it may occupy in practical use, and I do not therefore claim such combination.

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

In combination with the shares C C' and shaft B, the shifting-lever D, provided with pin b, and the curved bar c, having holes to receive said pin, all as shown and described.

CHARLES DANIEL.

Witnesses:

B. G. WHEELER,  
H. H. HAVELY.