G. W. PERRY.

PLOW.

No. 179,600. Patented July 4, 1876.

Fig. 1.

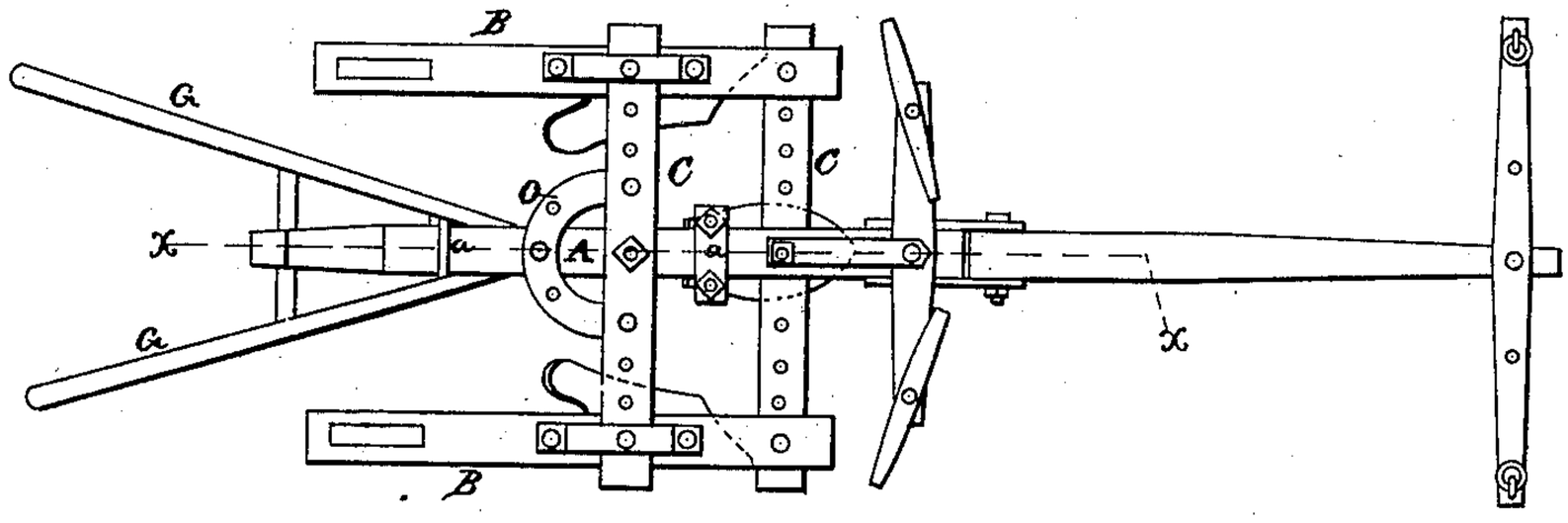
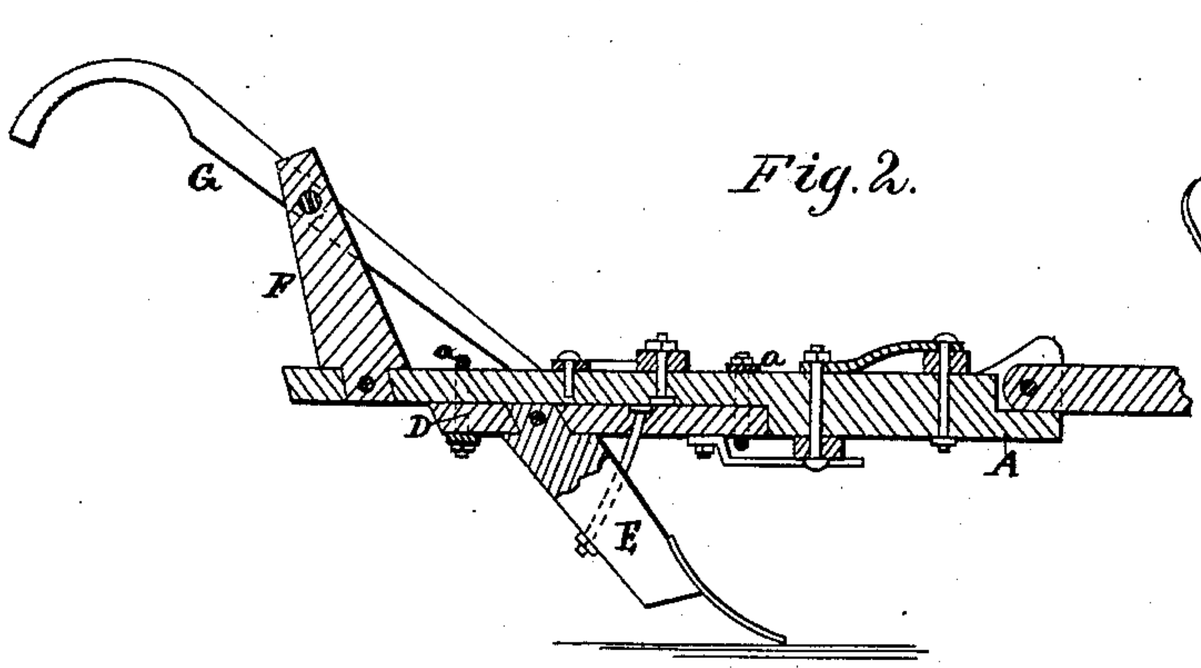


Fig. 2.



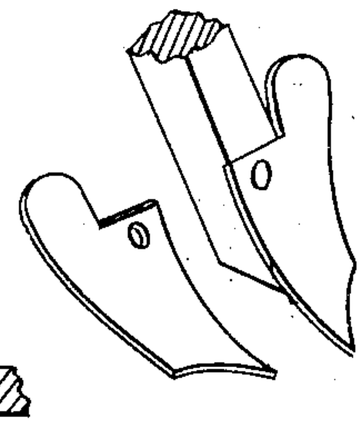
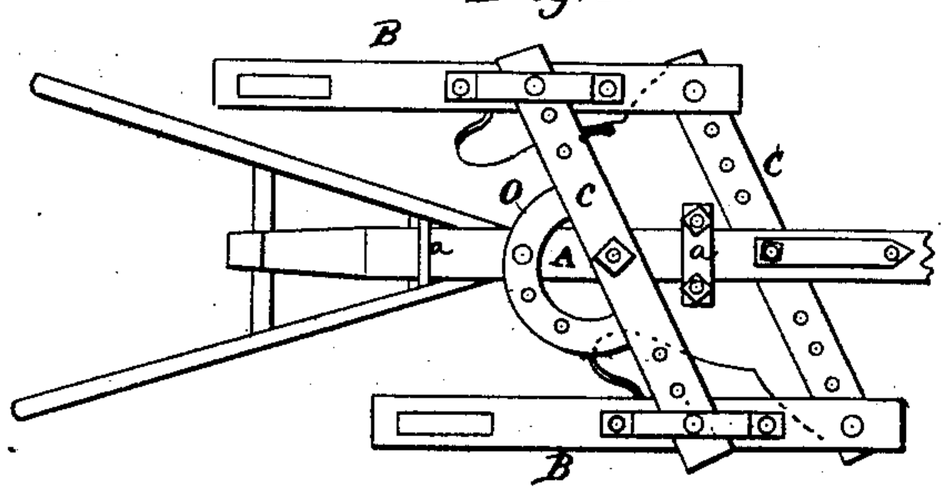


Fig. 3.



WITNESSES

Henry V. Miller

Franck L. Durand

INVENTOR

Geo. W. Perry.

By Alexander Stevenson

Attorneys

UNITED STATES PATENT OFFICE

GEORGE W. PERRY, OF BOONEVILLE, MISSISSIPPI.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. **179,600**, dated July 4, 1876; application filed April 15, 1876.

To all whom it may concern:

Be it known that I, GEO. W. PERRY, of Booneville, in the county of Prentiss, and in the State of Mississippi, have invented certain new and useful Improvements in Plows; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, 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 the parts of a cultivator or plow frame, for the purpose of regulating the positions of the plows, the peculiarities of which will be hereinafter more particularly described.

In the accompanying drawings, making part of this specification, Figure 1 represents a plan view, as also does Fig. 3, but in different positions, and Fig. 2 is a longitudinal section.

In the figures, A represents the main or center beam of the frame, and B B two side beams. Each of the beams B B has depending from it a foot, E, to which the cultivator-blades, or to which the plows, are attached, as usual. The foot beneath the beam A is not attached to it, but to a sliding bar, D, which is securely bound to said beam. The bar D lies beneath the beam A, and moves endwise of it. This bar is secured to the beam by means of two clips, *a a*, near each end. When these clips are loosened up the bar may be moved sufficiently to have the plow upon its foot stand either ahead or behind the other plows, or on a line with them.

The beams B B are connected to the main beam by two graduated cross-bars, C C, one passing over it and the other beneath it. Pivot-bolts pass through the cross-bars and through the beams, so as to allow them to assume different positions with relation to each other, as seen in Fig. 3.

By removing the end bolts or pivots the beams B B may be brought closer to the center beam or removed from it, as the nature of the work may require.

O represents a semicircular plate, which has its ends firmly secured to the upper cross-bar C. This plate is graduated, and, resting upon the beam A, is bolted to it. When the beams are changed out of line, as in Fig. 3, the bolt of this plate is first removed, and then, when inserted again, it holds the beams in position.

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

1. In combination with the beam A, the detachable and longitudinally-adjustable bar D, provided with a mortise, the foot E, provided with a tenon fitted into said mortise, and said bar and foot, secured to the frame A by the clips *a*, as and for the purposes herein set forth.

2. The side beams B B, perforated pivoted bars C C, and graduated plate O, in combination with the beam A and the longitudinally-adjustable bar D, and its foot E, all substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 4th day of March, 1876.

G. W. PERRY.

Witnesses:
A. D. CARPENTER,
D. N. WYLIE.