

W. T. CHEATHAM.

PLOW.

No. 185,211.

Patented Dec. 12, 1876.

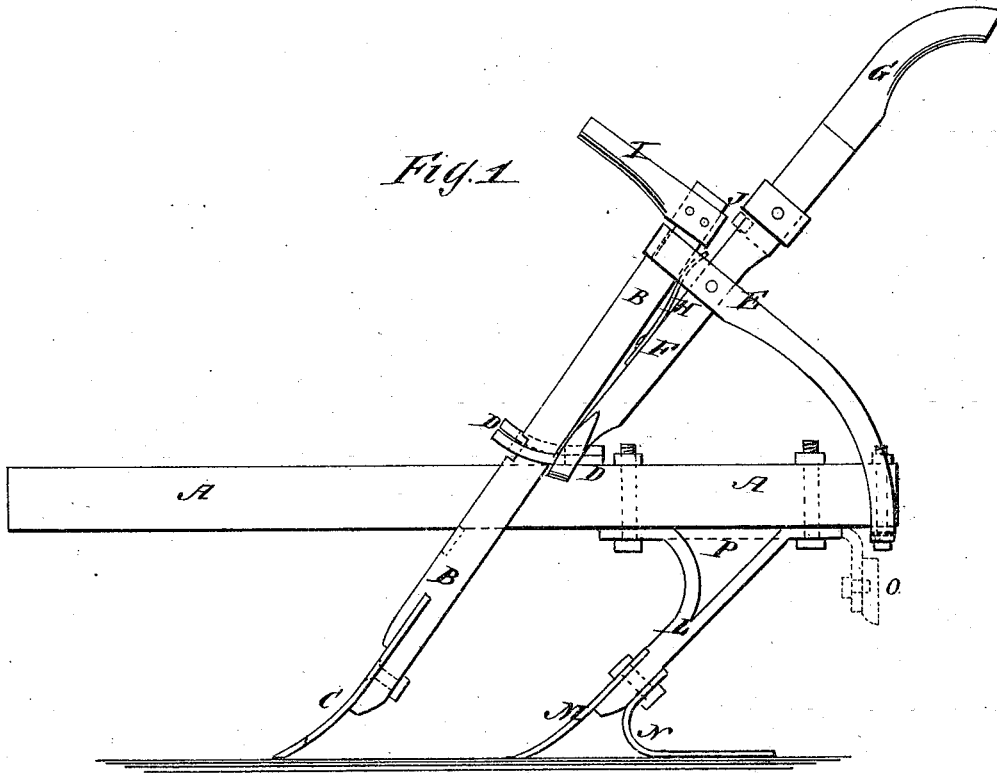


Fig. 1

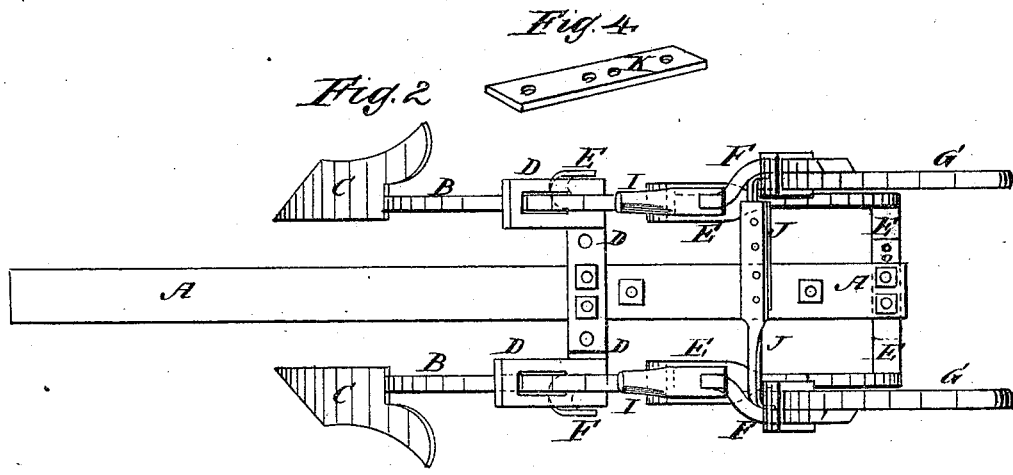


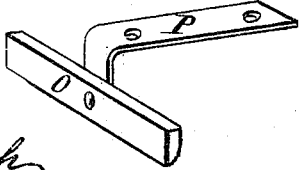
Fig. 4

Fig. 2

Fig. 3

WITNESSES:

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# UNITED STATES PATENT OFFICE.

WILLIAM T. CHEATHAM, OF RIENZI, MISSISSIPPI.

## IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. 185,211, dated December 12, 1876; application filed October 14, 1876.

*To all whom it may concern:*

Be it known that I, WILLIAM T. CHEATHAM, of Rienzi, in the county of Alcorn and State of Mississippi, have invented a new and useful Improvement in Plows, of which the following is a specification:

Figure 1 is a side view of my improved plow. Fig. 2 is a top view of the same. Fig. 3 is a detail view of the board for knocking off the corn and its holder. Fig. 4 is a detail view of one of the strengthening-braces.

Similar letters of reference indicate corresponding parts.

The object of this invention is furnish an improved plow which shall be so constructed that it may be adjusted to have the plows at any desired distance apart, that it will allow the plows to be reversed, and that may be used with one, two, or three plows, as may be desired.

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

A represents the single beam of the plow. B represents the forward plow-standards, to the lower ends of which are bolted the plows C. The plows C may be shovel-plows, bull-tongues, turn-plows, or any other desired kind of plow. The plows C are detachable, so that they may be readily reversed when desired. The two standards pass up through loops formed upon the outer ends of the bars D, the inner parts of which overlap each other, and are secured to the beam A by two bolts. Several holes are formed in the bars D to receive the bolts, so that the standards B may be adjusted at any desired distance apart. The upper parts of the standards B pass through loops in the upper ends of the braces E. The braces E pass down to the level of the beam A, and are then bent inward, overlap each other, and are bolted to the beam A. Several holes are formed in the overlapped parts of the braces E, so that the said braces may be adjusted to correspond with the adjustment of the bars D. To the upper parts of the braces E, in the rear of the standards B, are secured the bars F, the lower ends of which have hooks formed upon them, and are hooked into the rear parts of the loops of the

bars D. To the upper ends of the bars F are bolted the handles G. In the forward edges of the standards B are formed notches, to receive the loops of the bars D, and of the braces E, to keep them in place. The standards B are held forward upon the loops of the bars D and braces E by springs H, attached to the bars F, and which rest against the rear edges of the standards B. The standards B may be raised and lowered by pressing them to the rearward, and then sliding them up and down. To the upper ends of the standards B are attached handles I, for convenience in raising and lowering them. The handles G may be stiffened, if desired, by the bars J, the outer ends of which are attached to the said handles, and their inner ends overlap, and are bolted to each other. Several holes are formed in the overlapped parts of the bars J to receive the said bolts, so that the said bars J may be adjusted to correspond with the adjustment of the bars D and braces E. The adjustable bars D and braces E, when extended to their full extent, may be strengthened by the bars K, placed upon them and bolted to them and to the beam A, as indicated by the holes in the bar K. (Shown in Fig. 4.) L is the standard of the rear or central plow, the upper end of which is forked, and is bolted to the rear part of the beam A. To the lower end of the standard L is attached a plow, M. To the rear side of the lower end of the standard L is attached a bar, N, which is curved to the rearward in such a way that its rear part may rest upon and slide along the bottom of the furrow opened by the plow M, to give steadiness of motion to the plow and enable it to be more easily guided and controlled. O is a board for knocking the clods off the corn, and which is securely bolted to the downwardly-projecting arm of the bar P. The bar P is bent at right angles, or nearly at right angles, and its upper arm is bolted to the beam A by the bolts that secure the rear standard L to said beam, the said rear standard being detached when the board and bar O P are to be used.

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

1. The plow-standards B, arranged to slide in loops of the bars D E against a spring, H, as shown and described.
2. The combination, with beam A and plow-standards B, of the spacing-bars D and braces E, correspondingly adjustable, as and for the purpose set forth.
3. The handle-bars F, attached to the upper part of braces E, and provided with an end hook, that connects with the loops of bars D, as and for the purpose specified.
4. The knocker O P, arranged under, and at the rear of, beam A, as shown and described, to drag the clods off the corn-row.

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Witnesses:

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