

(No Model.)

S. H. CLANTON.

PLOW.

No. 312,817.

Patented Feb. 24, 1885.

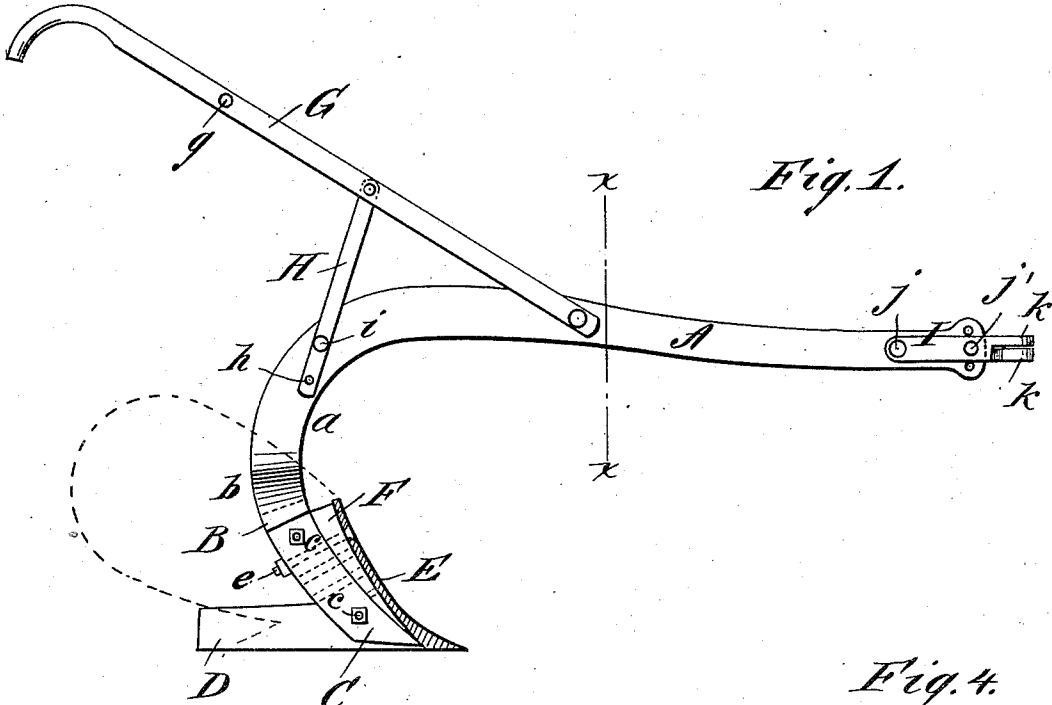


Fig. 1.

Fig. 3.

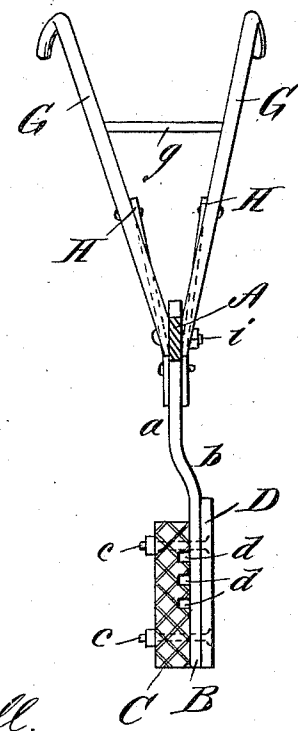
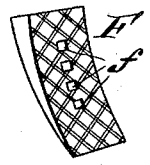
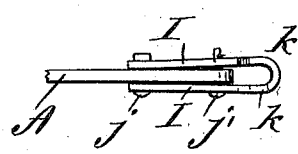


Fig. 2.

Fig. 4.



WITNESSES:

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UNITED STATES PATENT OFFICE.

SIMEON H. CLANTON, OF QUITMAN, GEORGIA.

PLOW.

SPECIFICATION forming part of Letters Patent No. 312,817, dated February 24, 1885.

Application filed August 13, 1884. (No model.)

To all whom it may concern:

Be it known that I, SIMEON H. CLANTON, of Quitman, in the county of Brooks and State of Georgia, have invented a new and Improved Plow, of which the following is a full, clear, and exact description.

This invention relates to that class of plows wherein the beam and standard are made of iron, and usually of one piece; and the invention consists in the construction and arrangement of parts, as will be hereinafter fully described, and then specifically set forth in the claim.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a sectional elevation of my new and improved plow. Fig. 2 is a transverse sectional elevation of the same taken on the line *x x* of Fig. 1. Fig. 3 is a perspective view of the wedge for changing the pitch of the mold-board; and Fig. 4 is a detailed plan view of the end of the beam, showing the means for attaching the whiffletrees to the plow.

The beam *A* of the plow is curved at *a* to form the standard *B*, and it is bent at *b* to set the standard *B* to the left of the beam *A*, as shown clearly in Fig. 2. To the right side of the standard *B* is secured by the bolts *c c* the block *C*, and these bolts *c* also serve to hold the landside or foot *D* of the plow to the left side of the standard *B*. The block *C* has the holes or notches *d d* (preferably square) made in it to receive the bolt *e*, which holds the mold-board *E* to the plow, and owing to the lateral arrangement of the standard *B* the holes *d* come immediately below and in line with the center of the beam, which prevents side draft to the plow.

For changing the pitch of the mold-board *E*, I employ the curved wedge *F*, which is adapted to be placed upon the front curved edge of the block *C*, standard *B*, and foot or landside *D*, and to have the mold-board placed upon it, as shown in Fig. 1, the wedge *F* being formed with the series of square holes *f* for the passage of the bolt *e*, and by means of this series of holes *f* the wedge *F* is adapted

to be raised or lowered for varying the pitch 50 of the mold-board as circumstances require.

The handles *G G* are bolted at their lower ends to the beam *A*, and are spread by the usual round, *g*, and they are braced from the curved portion *a* of the beam *A* by the vertical bars *H H*, which have two or more holes, *h*, made through them at their lower end to receive the bolts *i*, so that by removing the bolts *i* the outer curved ends of the handles *G* may be raised or lowered to suit the height of 60 the plowman.

To the forward end of the beam *A* is secured by the bolts *j j'* the two plates *I I*, which are formed at their outer ends with the hooks *k k*, which lap past each other, like the ends of a key- 65 ring, so that they are adapted to receive and hold the eye or clevis of whiffletrees. These plates *I* are reversible or interchangeable with each other, so that when the hooks *k* become worn at their outer edges by reversing the 70 plates *I* the unworn edges may be brought to position for receiving the wear of the eye or clevis of the whiffletrees.

The outer surfaces of the block *C* and wedge *F* are roughened or creased, as shown in Figs. 2 and 3, to prevent the mold-board from slipping out of place and for preventing the wedge 75 *F*, when used, from moving easily upon the block *C*.

Having thus fully described my invention, 80 I claim as new and desire to secure by Letters Patent—

In a plow, the standard *B* and beam *A*, formed in one piece and bent at *b*, block *C*, provided with grooves on its face and with a series of holes, *d*, horizontal bolts *e*, securing 85 the block to standard *B* directly below the beam *A*, the wedge *F*, grooved on its face and provided with holes *f*, adapted to be placed in alignment with the holes *d*, mold-board *E*, 90 and bolts *e*, passing through the holes *d e* of the plate *C* and the wedge, and also through the mold board, substantially as set forth.

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Witnesses:

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