S. MARCH.

Plow Frame.

No. 77,203. Patented April 28, 1868.

Fig: 1.

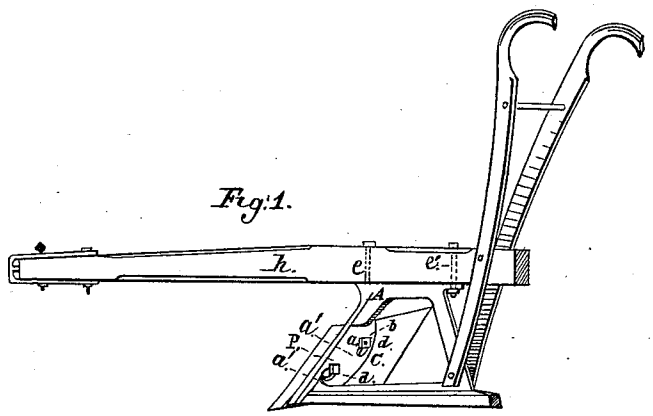
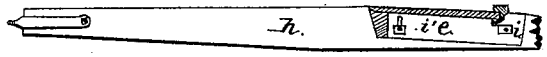


Fig: 2.



Witnesses:
Sam. Poole
Thos. Jewett

Inventor;
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Attys.

United States Patent Office.

SETH MARCH, OF NORFOLK, VIRGINIA.

Letters Patent No. 77,203, *dated April* 28, 1868.

IMPROVEMENT IN PLOUGH-FRAME.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, SETH MARCH, of Norfolk, in the State of Virginia, have invented a new and useful Improvement in Plough-Frames; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, and letters of reference marked thereon, making a part of this specification, in which—

Figure 1 is a side view of the frame, showing the slots in the mould-board standard.

Figure 2 is a plan view of the frame, inverted, showing the slot in the upper part thereof.

To enable those skilled in the art to make and use my invention, I now proceed to describe its construction and operation.

Similar letters in the drawings refer to like parts.

This invention consists of a plough-frame, provided with elongated slots in the mould-board standard, for the adjustment of the mould-board, and with a similar slot in the top of the frame, for the adjustment of the plough-beam, as will hereinafter more fully appear.

The frame upon which my hereinafter-described improvements are made is that set forth in Letters Patent, No. 63,276, issued to me on the 26th March, 1867. It is therefore unnecessary that I should particularly describe it here, further than to say that it combines, in a single casting, firm supports for the mould-board, the plough-beam, and the plough-handles, and is in several respects a very efficient device.

In the mould-board standard, *a*, of this frame, A, I make two elongated slots, *a' a'*, longitudinally of the standard, through which pass the bolts *b b*, by means of which the mould-board *c* is attached to the standard through the agency of nuts, *d d*, in such manner as to be adjustable. This device I acknowledge to be old.

Through slots *i' i*, the upper part, *e*, of the frame pass two bolts *e' e'*, connecting the same with the plough-beam *h*. The forward slot, *i'*, is elongated in like manner as the slots *a'*, for the purpose of enabling the beam *h* to be laterally adjustable, in order that when it is desired to cause the plough-point to project as far as possible to the left of the beam, the point may run close to the plants in a row, while the draught-animals are at a safe distance from them, this end may be attained.

This object has been proposed to be accomplished by making elongated slots in the mould-board, and for such a device C. Billups has a patent, dated July 30, 1867. I do not consider that there is any equivalency in Billups's invention to mine, for the reason that all the objectionable features of his invention, such as the liability of the slots in the mould-board to become useless from clogging, to impede the progress of the plough by friction, and to arrest it altogether by catching on roots, rocks, and the like, besides others, which it is unnecessary here to mention, are entirely avoided in my plough.

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

The frame A, provided with the elongated slots *a'*, for the adjustment of the mould-board, and the elongated slot *i'*, for the adjustment of the plough-beam, substantially as described.

S. MARCH.

Witnesses:

S. R. WHITE,

WM. H. DUNN.