MATTESON & WILLIAMSON.

Plow.

No. 62,766. Patented Mar. 12. 1867

Fig. 3.

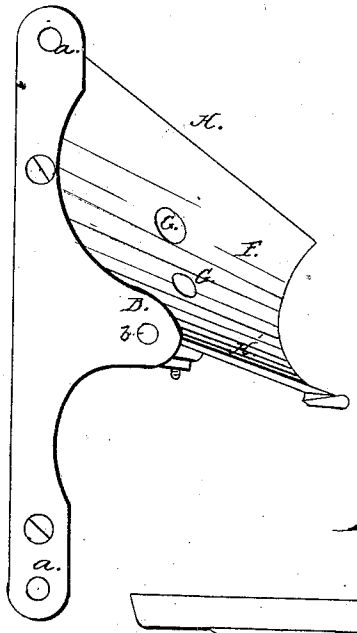


Fig. 2.

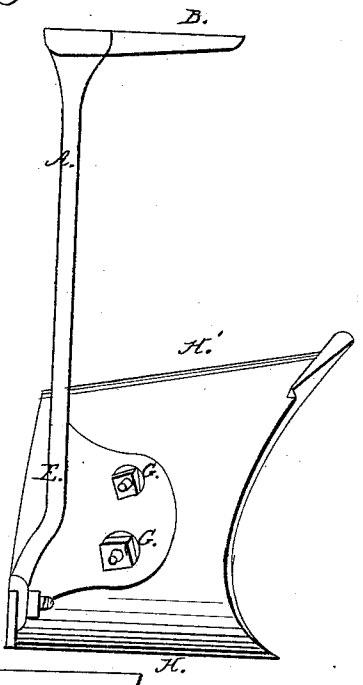
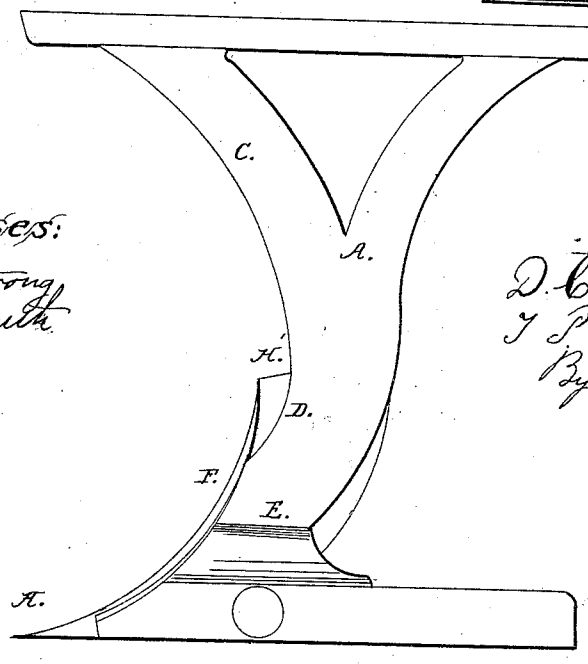


Fig. 1.



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United States Patent Office.

DON CARLOS MATTESON AND TRUMAN PAME WILLIAMSON, OF STOCKTON, CALIFORNIA.

Letters Patent No. 62,766, *dated March* 12, 1867.

IMPROVEMENT IN PLOUGHS.

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

TO ALL WHOM IT MAY CONCERN:

Be it known that we, DON CARLOS MATTESON, TRUMAN PAME WILLIAMSON, of the city of Stockton, San Joaquin county, State of California, have invented certain new and useful Improvements in Ploughs; and we do hereby declare the following description and accompanying drawings are sufficient to enable any person skilled in the art or science to which it most nearly appertains to make and use our said invention or improvements without further invention or experiment.

The nature of our invention is to provide an improved plough, which is made with a mould-board having a double edge, and is so constructed that by simply removing the two retaining bolts it can be reversed and a new and sharp edge brought into use. The standard which holds it to the beam has also a peculiar construction, which, together with certain offsets, prevents its becoming clogged with weeds, while by means of a projecting lug on its top the attachment to the beam is rendered much firmer.

To more fully explain our invention, reference is had to the accompanying drawings, forming a part of this specification, of which—

Figure 1 is a side elevation.

Figure 2, a rear view.

Figure 3, a top view.

Similar letters indicate like parts in each of the figures.

A is the supporting standard which is attached to the beam by bolts passing through the bolt holes *a a* at each end, and also through the hole *b* in the lug B. This construction makes the fastening very firm, and much smaller bolts may be used than where only the holes *a a* are used. The front edge of the standard at C is curved as shown, so that the forward part is bolted to the beam nearly over the point of the share. This form keeps the weeds and grass from clogging against the beam. An offset is made at the point D of the standard, a little below the upper edge of the mould-board, and another at the point E, so that the mould-board projects a little beyond the standard. These serve to keep the plough from clogging on the land-side. The mould-board F is made with two complete edges, H and H′, and is bolted to the standard by the two bolts G G in the centre. The curve of the face of the mould-board is regular, and the shape is such that it fits equally well with either edge down. The object of this construction is to allow the mould-board to be reversed, so that when one edge becomes dull the two bolts can be removed and the other edge used. By constructing the plough in this way greater strength is obtained, the mould-board will always have a sharp edge and can be easily replaced when necessary, while as an article of manufacture it can be afforded much cheaper than those of the ordinary construction.

Having thus described our invention, what we claim, and desire to secure by Letters Patent, is—

1. The curved standard A, with the lug B, and the offsets D and E, substantially as and for the purpose described.

2. The curved mould-board F, with its two complete edges H and H′, attached to the standard as shown, and operated substantially as and for the purpose herein described.

In witness whereof we have hereunto set our hands and affixed our seals.

DON CARLOS MATTESON. [L. S.]
TRUMAN PAME WILLIAMSON. [L. S.]

Witnesses:
W. D. CHILLSON,
A. G. BROWN.