

February 10, 1914.

DRAWING

3,542

A careful search has been made this day for the original drawing or a photolithographic copy of the same, for the purpose of reproducing the said drawing to form a part of this book, but at this time nothing can be found from which a reproduction can be made.

Finis D. Morris,

Chief of Division E.

AWK

# UNITED STATES PATENT OFFICE.

JOHN THOMPSON, OF RIPLEY, OHIO.

## IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. 3,542, dated April 17, 1844.

*To all whom it may concern:*

Be it known that I, JOHN THOMPSON, of Ripley, in the county of Brown and State of Ohio, have invented a new and useful Improvement in Wrought-Iron Plows; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, which form a part of this specification, in which—

Figure 1 is an elevation of the landside; Fig. 2, mold-board side; Fig. 3, mold-board detached; Fig. 4, sheth detached.

The nature of my invention consists in turning the sheth of the plow outward along the front edge of the mold-board, where it joins the share, so as to strengthen it at that point and prepare a solid seat for the share. The beam 1 and handles 2, the landside 3 and brace 5, are all like those in common use. The mold-board 7 is of sheet or boiler iron, and only projects as far forward at the upper edge as the sheth, which descends straight down from the beam, and from that point its front edge slants a little backward down to the lower edge. The share is formed in one piece with the landside 3, and its rear edge fits on over the mold-board, which is recessed or rabbeted along the edge to receive it and allow it to

come flush therewith. The sheth 4 is a stout wrought-iron bar, which descends nearly perpendicular to the upper edge of the mold-board, and is then turned outward along the line of the front edge of the mold-board underneath, where the share laps over it. Bolts 8 8 are put through from the share, in which their heads are countersunk, to the under side of the sheth, below which they receive nuts 8' 8', which fasten them all together. A brace, 5, extends from the beam just forward of the sheth down to the heel of the share, to which it is bolted.

This construction makes a cheap and efficient plow, and the different parts can easily be separated for repair.

What I claim as my invention, and desire to secure by Letters Patent, is—

Constructing the sheth 4 so as to turn outward along the edge of the mold-board, where it joins the share, all the bolts by which the mold-board and share are connected being put through said sheth, in the manner and for the purpose specified.

JOHN THOMPSON.

Witnesses:

LEMUEL LINDSEY,  
B. F. JOHNSON.