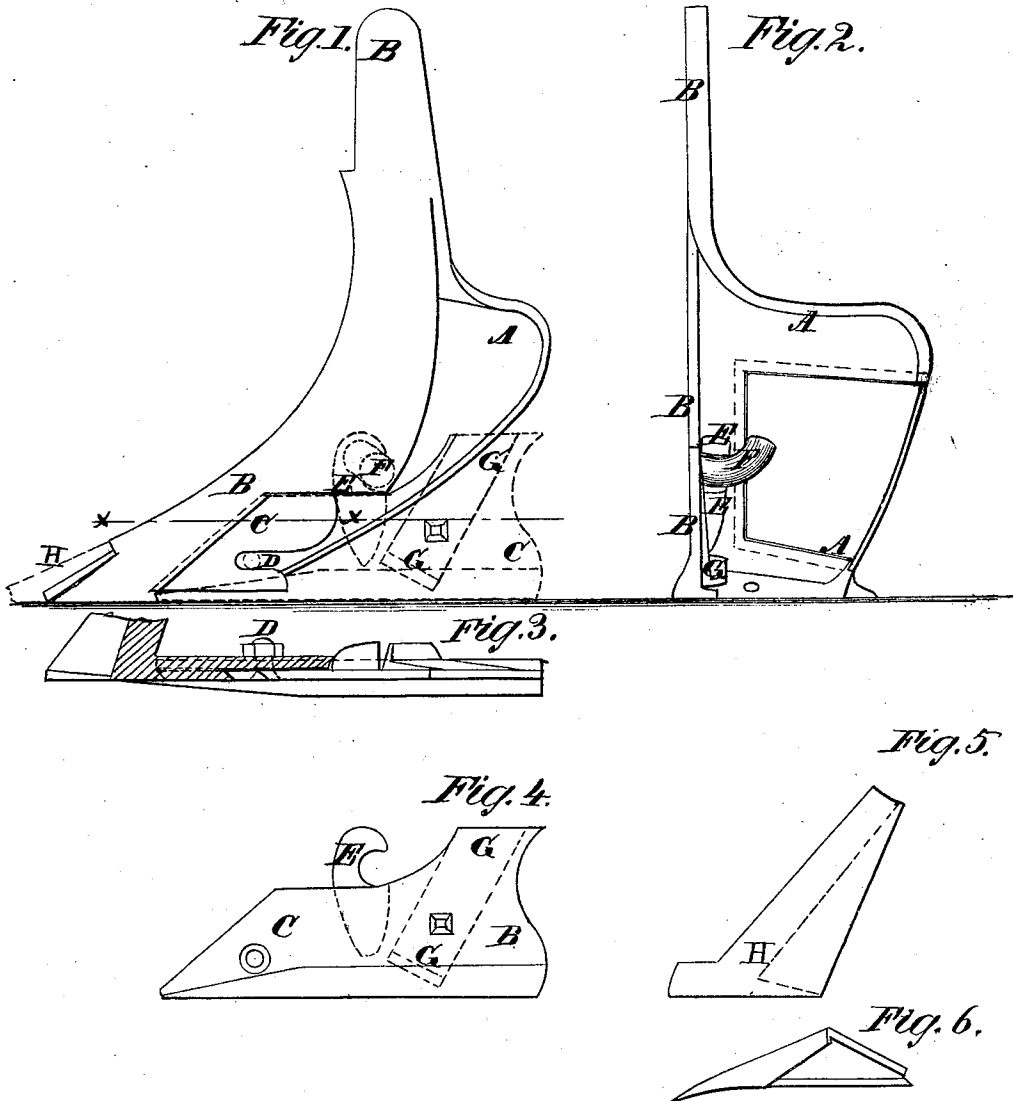


S. J. LEACH.

Improvement in Plows.

No. 132,295.

Patented Oct. 15, 1872.



Witnesses:

John Becker.
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UNITED STATES PATENT OFFICE.

SEWALL J. LEACH, OF TUSCALOOSA, ALABAMA.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. 132,295, dated October 15, 1872.

To all whom it may concern:

Be it known that I, SEWALL J. LEACH, of Tuscaloosa, in the county of Tuscaloosa and State of Alabama, have invented a new and useful Improvement in Plows, of which the following is a specification:

In the accompanying drawing, Figure 1 is a side view of my improved plow, the land-side being shown in dotted lines. Fig. 2 is a rear view of the same. Fig. 3 is a detail horizontal section of the same taken through the line *xx*, Fig. 1. Fig. 4 is a side view of the land-side. Fig. 5 is a top view of the plow-point. Fig. 6 is a detail perspective view of the under side of the plow-point.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish an improved plow which shall be so constructed that its parts may be conveniently put together, and when put together will be securely held; and it consists in the construction and combination of various parts of the plow, as hereinafter more fully described.

A represents the mold-board of the plow, which is cast in one piece with the standard B, by which the plow is secured to the plow-beam. The lower part of the standard B is recessed to receive the forward end of the land-side C, the forward edge or shoulder of said recess being grooved to receive the beveled forward edge of the said land-side C, so that the rear edge of the said recessed standard may overlap the forward edge of the said land-side, as shown in Fig. 3, and in dotted lines in Fig. 1. The forward part of the land-

side C is secured to the lower part of the standard B by a bolt, D, which passes through a hole in the said land-side, and through a slot in the said standard, as shown in dotted lines in Fig. 1. Upon the inner side of the middle part of the land-side C is cast an upwardly projecting hook, E, which hooks over a brace, F, which crosses the angle between the mold-board A and standard B, and is cast solid with said mold-board and standard.

By this construction a simple, convenient, effective, and reliable lock is formed for securing the land-side to its place. Upon the inner side of the rear part of the land-side is cast a seat, G, for the lower end of the handle which is secured in place by a bolt, as indicated by the bolt-hole in said land-side. H is the plow-point which fits upon and is secured to the forward edge of the mold-board A. The entire plow is thus cast in three pieces, which may be quickly put together and secured to each other.

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

The hook E, cast solid upon the land-side C, and the brace F cast solid upon the mold-board A, and standard B, in connection with each other, for securing the said land-side in place, substantially as herein shown and described.

SEWALL J. LEACH.

Witnesses:

J. I. HARRIS,
T. B. SLADE.