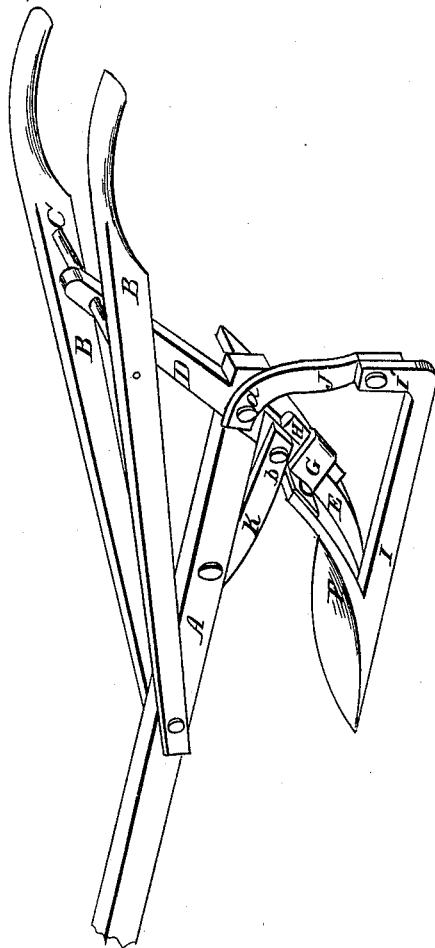


W. GRIFFIN.

Shovel-Plow.

No. 28,981.

Patented July 3, 1860.



Witnesses:

E. Cohen
S. Hirsch

Inventor:

William Griffin
by atty
A. B. Stoughton

UNITED STATES PATENT OFFICE.

WILLIAM GRIFFIN, OF BENNETTSVILLE, SOUTH CAROLINA.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. 28,981, dated July 3, 1860.

To all whom it may concern:

Be it known that I, WILLIAM GRIFFIN, of Bennettsville, in the district of Marlborough and State of South Carolina, have invented certain new and useful Improvements in Plows; and I do hereby declare the following to be a full, clear, and exact description of the construction of the same, reference being had to the accompanying drawing, making a part of this specification, in which—

Figure 1 represents a perspective view of the entire plow.

To enable others skilled in the art to make and use my plow, I will proceed to describe the same with reference to the drawing.

To a stout substantial beam, A, are connected the handles B B, which are braced by a rung, C, that passes through an inclined brace or standard, D, on the rear of said beam.

The mold-board brace E is fastened to the rear of the beam and, curving downward, terminates in a point, and thus forms a seat for the curved mold-board F, said mold-board being secured to its brace by a stirrup or strap, G, that is riveted to the mold-board, embraces the mold-board brace, and has a key, H, driven in behind said brace, thus firmly uniting said brace and mold-board.

The sole or landside I is welded to or made a part of the mold-board F, the rear end of said

landside being turned up, as at I', so as to be united to the lower end of a brace, J, the upper end of which is fastened to the heel of the beam by a bolt, a, which bolt may also secure the standard D and the mold-board brace E to the beam.

At or near the central portion of the beam A is bolted one end of a brace, K, which curves downward and backward, and is bolted at b to the mold-board brace E.

Having thus fully described the construction of my plow, I would state that I am aware that a single curved brace has been used for bracing the piece E to the beam and to the sole or landside of the plow; but this only unites the parts to the beam in one place, and is not permanent enough, and I do not claim such bracing; but

What I do claim is—

In connection with a mold-board and landside in one piece and united to the standard E by a strap and key, the arrangement of the two braces J K, as herein described and represented, for holding the several parts to the beam, as set forth.

WM. GRIFFIN.

Witnesses:

C. P. TOWNSEND,
D. MCKAY.