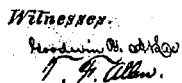


Shovel Plow.

Patented Mar. 13, 1860.



Inventor.
William Watson.
by *H. W. Allen*
Attorney

UNITED STATES PATENT OFFICE.

WILLIAM WATSON, OF BISHOPVILLE, SOUTH CAROLINA.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. 27,490, dated March 13, 1860.

To all whom it may concern:

Be it known that I, WILLIAM WATSON, of Bishopville, in the county of Sumter and State of South Carolina, have invented a new and useful Improvement in Plows; 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, forming a part of this specification, in which—

Figure 1 is a perspective view of a plow constructed after my invention. Fig. 2 is a vertical longitudinal section of the same.

Similar letters of reference in each of the several figures indicate corresponding parts.

The nature of my invention consists in the combination of the pivoted clamping-hook-plate, fastening-wedge, standard, and mold-board, substantially as hereinafter described.

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

A represents the beam of the plow. It is furnished with the handles in the usual manner.

B is the standard. Its upper termination is extended horizontally in a manner to serve as a brace. This extended portion of the standard is inserted into the beam A, so that its face may be flush with the side of the same, and thus afford more strength. Another brace, C, made in a semicircular form, is pivoted at one of its ends to the extended end of the standard at the back part of the beam A, and extends down below the bottom of the beam A, and is pivoted near its center to the standard B, and at its other end to the beam of the plow. This brace, in connection with the brace

formed by the continuation of the standard, effectually retains the standard in position. The beam A may be braced on both sides.

D is the mold-board of the plow. It is constructed in the usual manner, with the exception of an open slot, *a*, and a closed slot or hole, *b*.

The standard B has a slot, *c*, in it. A plate, E, is pivoted in the slot *c* of the standard, said plate being provided with a hook, *d*, on its lower end, which hook takes into the hole or slot *b* of the mold-board and confines it securely in place, the open slot *a* of the mold-board passing on each side of the plate E and serving as stops to prevent lateral movement in the mold-board. The plate E is also provided with an eye, *e*, on its upper end, into which a wedge, *f*, pivoted on the standard B above the plate, is forced, and serves to elevate the upper end of the hook-plate and depress the lower end of the same, and thus cause the hook to take a firm hold upon the mold-board and retain it in place.

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

The combination of the pivoted clamping-hook plate E, fastening-wedge *f*, standard B, and mold-board D, substantially as and for the purposes set forth.

The above specification of my improvement in plows signed by me this 21st day of February, 1860.

WILLIAM ^{his} × WATSON.
mark.

Witnesses:

GILBERT CROSSWELL,
A. F. COUSAR.