A. W. L. RIVERS.
Shovel Plow.

No. 30,762.  Patented Nov. 27, 1860.

Inventor.

Witnesses.

B. H. Strother
A. N. Steele.
UNIVERSAL PATENT OFFICE.

A. W. LELAND RIVERS, OF MIDWAY, SOUTH CAROLINA.

IMPROVEMENT IN PLOWS.


To all whom it may concern:

Be it known that I, A. W. LELAND RIVERS, of Midway, in the district of Barnwell and State of South Carolina, have invented a new and useful Improvement on Ploows; and I hereby declare the following to be a description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The invention consists of a screw or wedge bolt, d, in Figure No. 2, by which the blade of the plow is secured to the standard. Any common plow-stock is taken, and from it is removed the sword, and in its stead a permanent brace is applied. The plow is thereby freed of an obstruction and the standard made more strong and secure.

On the front of the foot of the standard is placed a piece of sheet-iron, e, with an oblong hole through it, which will allow the plow-blade to be elevated or lowered at pleasure. From the face to the back of the foot of the standard is mortised a hole, and through this hole and the one in the piece of sheet-iron the bolt d is passed, having a screw and nut, f, on the face of the foot of the standard against the sheet-iron and a semicircular piece, g, on the back of the foot of the standard, through which a hole is also inserted. The plane of this semicircular piece is at right angles with the foot of the standard. Upon the back of the foot of the standard a piece of iron, running from the semicircular termination of the above-described bolt d to the end of the foot, is also fastened by means of screws. The plow is made with an eye, h, sufficiently large to fit over the end of the standard. The foot of the standard is then inserted into this eye till the top of the eye comes in contact with the lower part of the piece of sheet-iron e on the face of the foot. That portion of the eye of the plow which touches the back part of the foot of the standard is so constructed as to admit a piece of metal, i, made in the form of a wedge and terminating in a screw, which, passing through the hole in the semicircular piece above described, is secured against the same by means of a nut.

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

The combination of the bolt d, slotted metal plate e, wedge f, and eye h, the whole being arranged as described, for the purposes specified.

A. W. LELAND RIVERS.

Witnesses:

John L. Sease,
J. D. O. Easterlin.