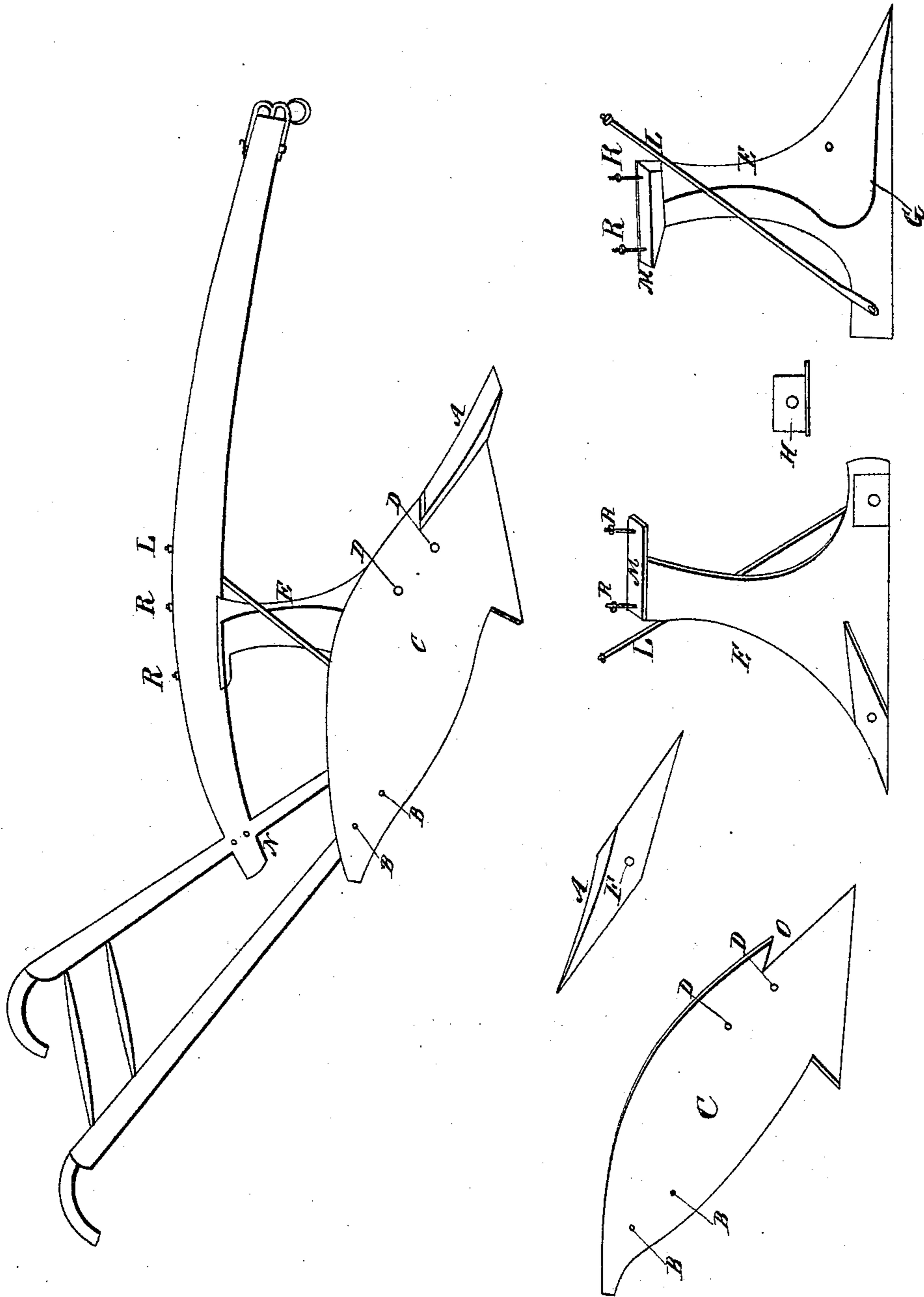


L. W. SHAFFAR.

Plow.

No. { 2,902. }  
      { 33,906. }

Patented Dec. 10, 1861.



Witnesses:

*N. Miller*  
*A. Wayne*

Inventor:

*L. W. Shaffar*

# UNITED STATES PATENT OFFICE.

L. W. SHAFFAR, OF SHELBYVILLE, KENTUCKY.

## IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. **33,906**, dated December 10, 1861.

*To all whom it may concern:*

Be it known that I, LEWIS W. SHAFFAR, of Shelbyville, in the county of Shelby, in the State of Kentucky, have invented a new and Improved Plow; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawing, and to the letters of reference marked thereon.

A represents the point, which is made of cast-steel. This point is sharp at both ends, and has a hole in the center where the bolt passes through to hold it in the groove in the side of the cast-iron upright.

F is the bolt that holds the point to its place.

C is the wing or mold-board, made of steel. It can be taken off when dull or worn out by taking out the two bolts D D.

D D are the two bolts which hold the wing to the cast-iron upright.

O represents the peculiar shape of the wing which fits the side of the point.

B B are the two bolts which hold the right handle to the wing.

E is the cast-iron upright and landside, extending out and forming the curve where the wing is bolted on; also forming the groove for the point to fit in.

H is a cast-iron plate, with a bead extending along its lower outer edge, and made to fit into a recess in the cast-iron landside near its rear end. This is to keep the heel of the plow from wearing out, and can be replaced with another at very little cost.

I is the bolt, which passes through the heel-plate, the brace-rod, and left handle.

L is the brace-rod, passing through the projecting eye on the inner side of the upright and through the beam, the lower end being attached to the heel of the plow.

R R are two bolts which hold the beam to its place on the top of the cast-iron upright.

G is a part of the cast-iron, forming a brace under the wing, supporting the same.

N is the bolt that holds the beam and left handle together, there being no mortises about this plow.

M is the top of the cast-iron upright or standard, the beam resting in the groove on the top thereof.

This plow is made for durability and cheapness, and very simple in its construction. It has been tested and proves to run well in sod or stubble ground.

I am aware that plows have been made embracing many of the features above described, and therefore I do not claim, separately, any of them; but

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

The combination of the steel mold-board, when made as above described, the cast-iron standard provided with the flanges on its top, the recess for the point, the projection for holding the brace, the recess on the landside, and removable plate H to fit the same, with the reversible point, when the whole is constructed and arranged as and for the purposes described.

L. W. SHAFFAR.

Witnesses:

LEWIS UTTERBACK,  
A. WAYNE.