

## Improvement in Plows.

Patented June 6, 1871.



Witnesses  
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# UNITED STATES PATENT OFFICE.

JOHN COSTON, OF BOWDEN, GEORGIA.

## IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. 115,710, dated June 6, 1871.

*To all whom it may concern:*

Be it known that I, JOHN COSTON, of Bowden, in the county of Carroll and in the State of Georgia, have invented certain new and useful Improvements in Plows; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon making a part of this specification.

The nature of my invention consists in the construction and arrangement of a garden-plow, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a perspective view of my entire garden-plow, and Fig. 2 is an enlarged side view of a portion of the plow-foot with the plow attached.

A A represent two straight handles, connected near their rear ends by a rod, B, and having the axle or journals of the driving-wheel D in their front ends. At the rear ends of the handles A A are attached buckles a a, in which a belt, C, is placed, thus connecting the two handles. The force is applied to drive the plow upon the belt C by resting the belt across the abdomen, thus propelling more by weight than by strength. The plow-foot E is slotted, as shown in Fig. 1; and from its upper end two arms, b b, extend upward—one from the outside of each handle A. The front edges of these arms bear against a cross-bar, d, fastened on top of the handles, and the ends of which project beyond the handles. The rear edges, at the upper ends of the arms b, are notched, as shown, and held by pivoted latches

e e, which, when holding the bars, rest upon the ends of the cross-bar d. By this means the plow-foot can be readily attached and detached, and also raised and lowered at will. The plow-foot is further supported by brace-rods f f from the front ends of the handles. G represents the plowshare, which is pointed at both ends, as shown, and provided with two sets of holes, h i and h i, so that either end of the plowshare may be turned down and fastened to the foot by two heel-bolts. Through the square hole h passes a bolt, k, down through the foot E; and on said bolt, below the foot, is placed another bolt, m, which is bent upward through the extreme lower end of the foot and into the round hole i on the plowshare. Upon the end of the bolt k is then placed a tap, n, which tightens both the bolts k m. The plowshare is given its proper twist on the foot by a brace, p, lying between it and the foot, and through which the bolt k passes.

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

1. The combination of the foot E, arms b b, handles A A, cross-bar d, and latches e e, all constructed and arranged substantially as and for the purposes herein set forth.

2. The reversible plowshare G, pointed at both ends, and provided with two sets of holes, h i, in combination with the foot E, bolts k m, tap n, and brace p, all substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 8th day of March, 1871.

JOHN COSTON.

Witnesses:

C. L. EVERT,  
W. L. ADAMSON.