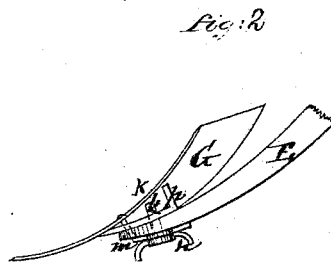
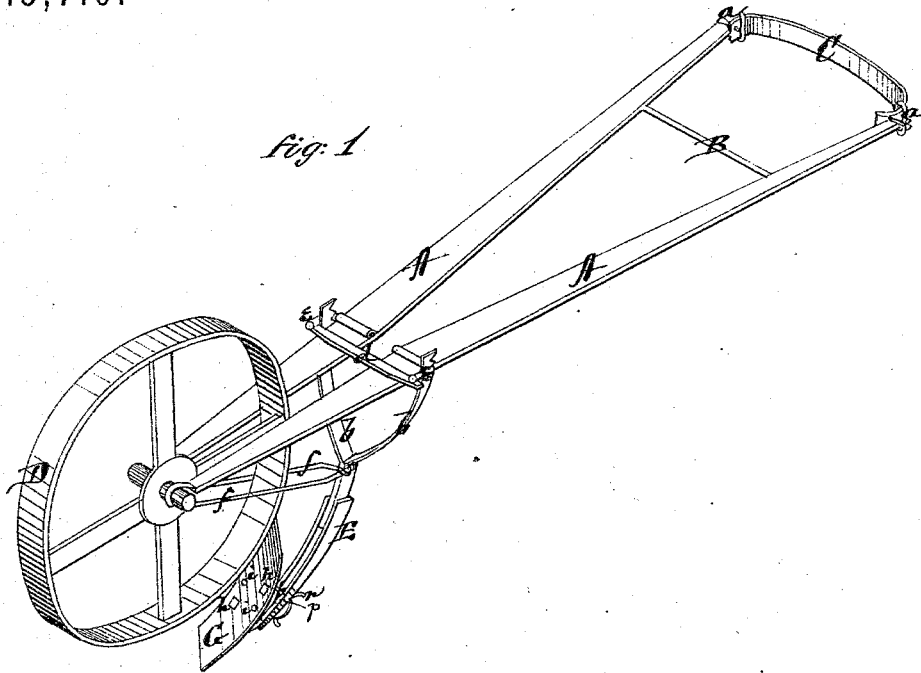


JOHN COSTON.

Improvement in Plows.

No. 115,710.

Patented June 6, 1871.



Witnesses
C. L. Sweet
Jas. E. Hutchinson

Inventor.
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per
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Atty -

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.