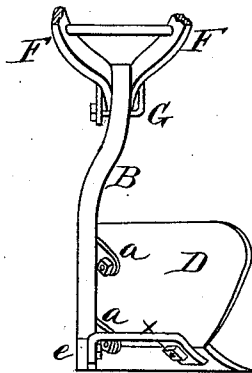
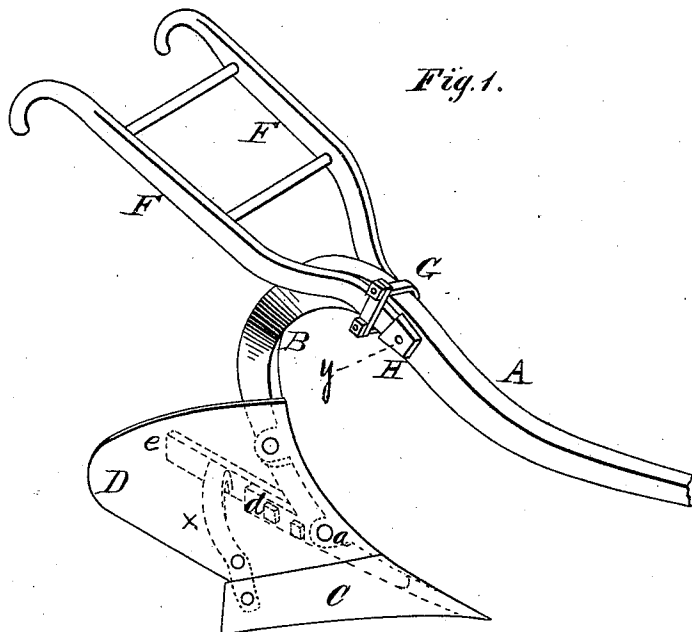


I. R. KERN.

FLOW.

No. 177,254.

Patented May 9, 1876



WITNESSES

Henry N. Miller
C. L. Everest ^{By}

INVENTOR

Isaac R. Kern.
Alexander Mason
Attorneys

UNITED STATES PATENT OFFICE.

ISAAC R. KERN, OF BLOOMINGTON, ILLINOIS, ASSIGNOR OF ONE-HALF HIS
RIGHT TO CHRISTIAN C. MARTENS, OF SAME PLACE.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. **177,254**, dated May 9, 1876; application filed
February 10, 1876.

To all whom it may concern:

Be it known that I, ISAAC R. KERN, of Bloomington, in the county of McLean, and in the State of Illinois, 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 drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in constructing and arranging the several parts of a plow in the peculiar manner hereinafter set forth.

In the accompanying drawings, which make a part of this specification, Figure 1 is a perspective view, and Fig. 2 a back view, of my plow, the handles being cut off.

In the figures, A represents the beam of the plow, and B the standard, the beam and standard being both cast or wrought in one piece, and with ears *a a* and flange *d*, to which the mold-board and land-side are bolted. The standard, just above the mold-board, is curved or bent so that it stands partially over the mold-board, for the purpose of clearing it of trash and weeds and straw, which would be liable to collect upon it. D represents the mold-board, *e* the land-side, and C the point. *x* represents a brace, which is interposed and bolted to both the land-side and mold-board. F F represent the handles, the forward ends

of which are inserted in sockets H, which are formed on each side of the beam. G represents a clip, which passes around the handles and the beam back of the sockets H, and clamps the handles tightly to the beam. By loosening up the clamp or clip G the handles may be set higher or lower, as the case may be, to adapt them to a tall or a short man. The handles are pivoted to the beam by a bolt, *y*, which passes through both sockets and the ends of the handles.

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

1. In combination with the mold-board and land-side of a plow, the curved beam A B, with seats *a a d*, constructed of one piece of metal, and curved laterally above and over the mold-board, substantially as shown and described.

2. The combination, with the beam A and handles F F, of the sockets H H, clamp G, and bolt *y*, passing through the sockets, beam, and handles, substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 10th day of January, 1876.

ISAAC R. KERN.

Witnesses:

THOS. SLADE,
CHRISTIAN C. MARTENS.