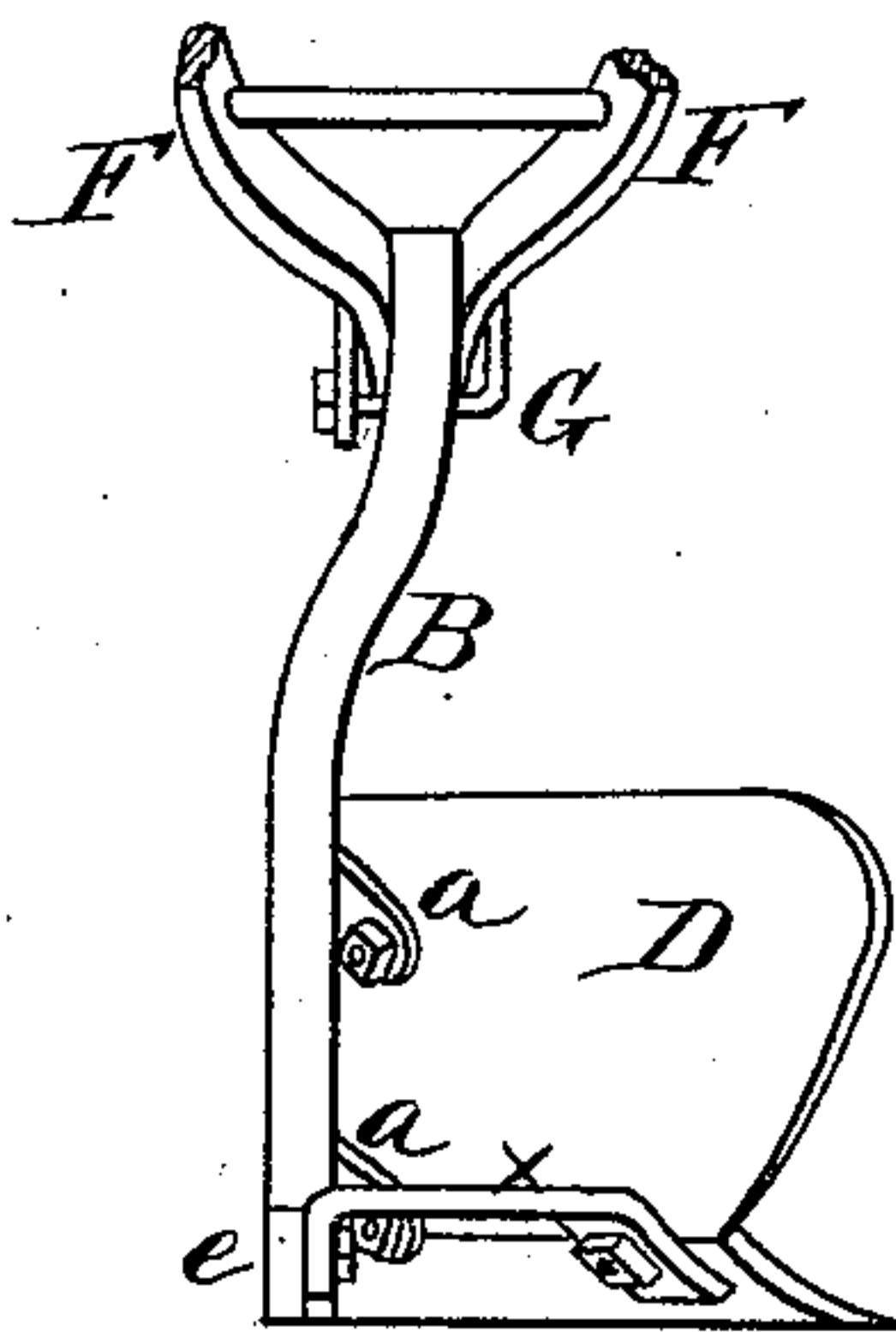
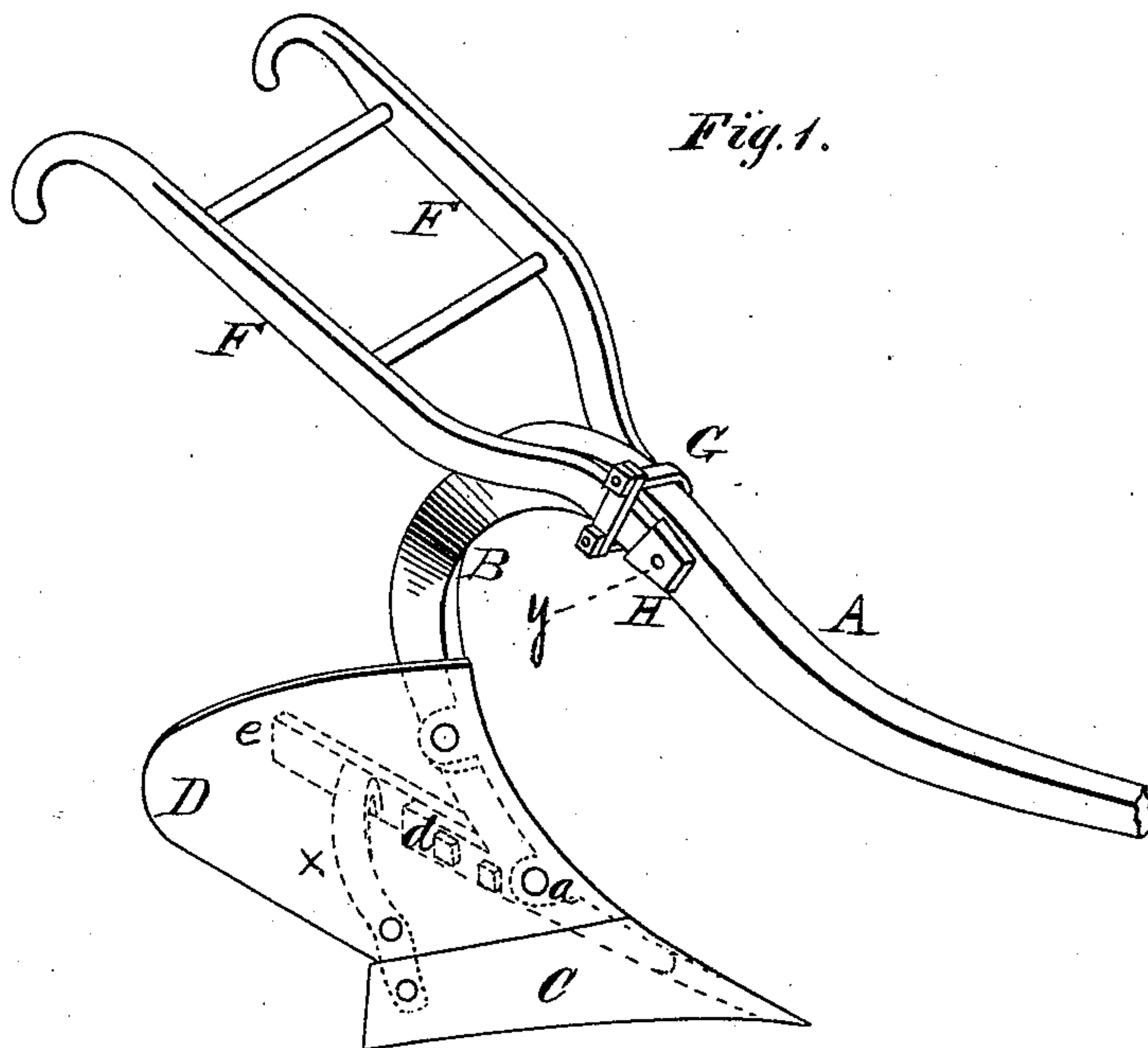


I. R. KERN.

PLOW.

No. 177,254.

Patented May 9, 1876



WITNESSES

Henry N. Miller
C. L. Evert 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.