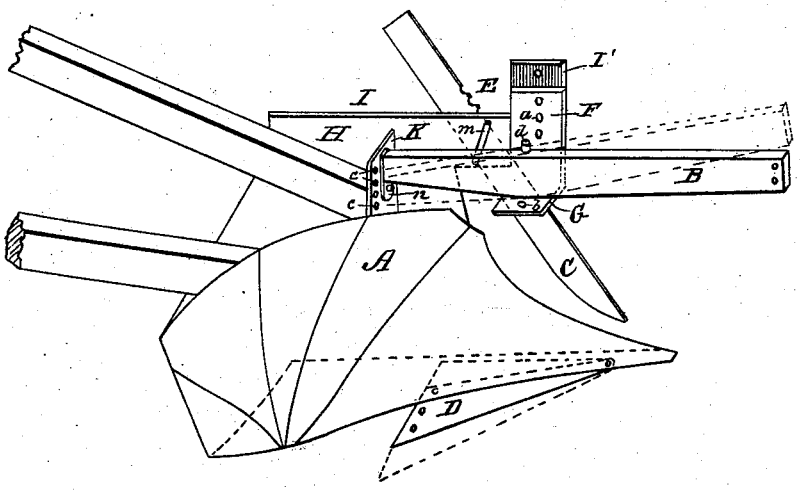
(No Model.)

J. QUIN.

PLOW.

No. 260,785. Patented July 11, 1882.



WITNESSES:

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JOHN QUIN, OF WAKEMAN, OHIO.

PLOW.

SPECIFICATION forming part of Letters Patent No. 260,785, dated July 11, 1882.

Application filed May 12, 1881. Renewed May 10, 1882. (No model.)

To all whom it may concern:

Be it known that I, JOHN QUIN, of Wakeman, in the county of Huron and State of Ohio, have invented new and useful Improvements in Plows; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon, in which the figure is a perspective view of my improved plow.

My invention relates to improvements in plows; and it consists in the peculiar construction and arrangement of the parts, as hereinafter more fully set forth.

In the accompanying drawing, A represents the mold-board of my improved plow; H, the landside, and D an adjustable wing pivoted under the mold-board.

I represents a short beam secured to the outer face of the landside at its upper end, and provided with an upwardly-projecting arm, I′, pierced with a row of holes arranged vertically in the arm.

F represents an angular plate provided with a row of holes arranged vertically in its vertical arm, which register with the holes in the arm I′ of the short beam I. A pin or staple is inserted in the holes in the angular plate and arm I′, whereby they are secured together, and the angular plate F can be adjusted vertically on the arm I′.

b represents a row of holes in the horizontal arm of the angular plate F.

K represents a vertical plate secured to the landside and mold-board, and provided with a series of adjusting-holes, *c*.

B represents a plow-beam provided with a row of vertical holes in its front end for applying the draft to the beam.

d represents a pin passing vertically through the beam, and adapted to enter one or other of the holes *b* in the horizontal arm of the angular plate F. To the rear end of the beam B is secured a short plate, *n*, projecting downwardly, and provided with a hole for the reception of a pin passing thence into any one of the holes *c* in the vertical plate K. By this construction it will be seen that the plow-beam may be adjusted vertically by adjusting the angular plate F vertically, as desired, and at the same time adjusting the rear end of the beam, and that the beam may be adjusted laterally by inserting the pin *d* in the beam in any one of the rows of holes in the horizontal arm of the angular plate F, the rear end of the beam being at the same time adjusted laterally.

It will also be observed that the front end of the beam can be adjusted in a vertical circle, so as to plow deep or shallow, by adjusting the rear end of the beam only, as desired.

C represents a colter provided with serrations E on its longitudinal edges, adapted to engage with a staple, *m*, passing around the front face of the colter and thence into the short beam I.

I claim as my invention—

The combination, with the short beam I, secured to the landside and provided with the arm I′, having a row of vertical holes, and angular arm F, provided with holes *a b*, of the beam B, provided with the vertical pin *d* and the end perforated plate, *n*, and plate K, provided with adjusting-holes, substantially as described, and for the purpose set forth.

This specification signed and witnessed this 8th day of November, 1880.

JOHN QUIN.

Witnesses:
GEO. C. TRACY,
C. H. CLARK.