T. E. C. BRINLY.

PLOW.

No. 170,516. Patented Nov. 30, 1875.

Fig. 1.

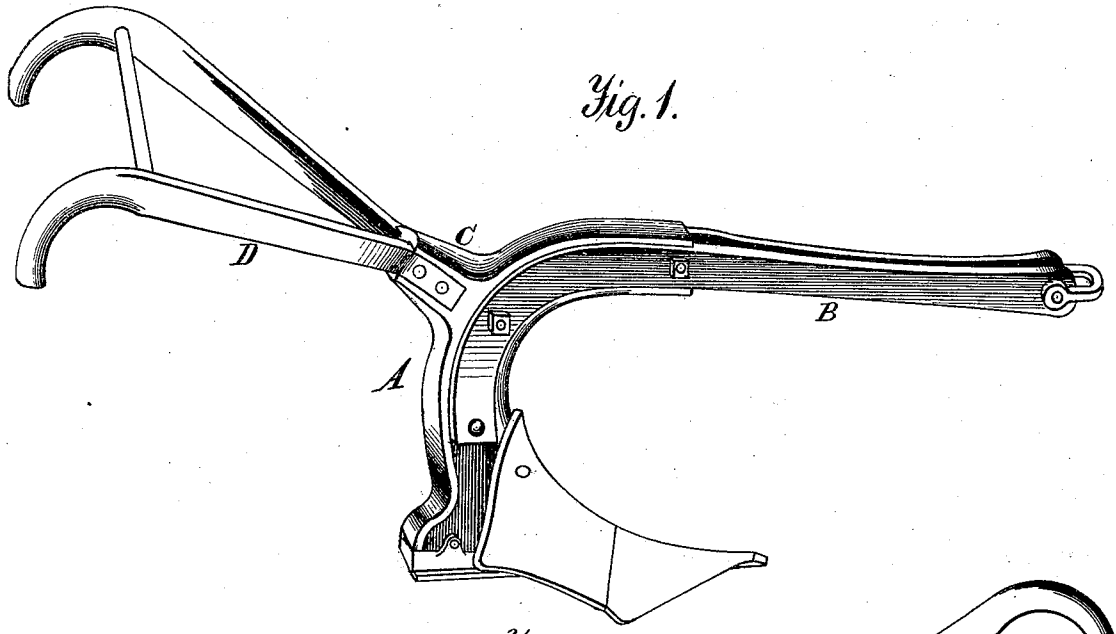
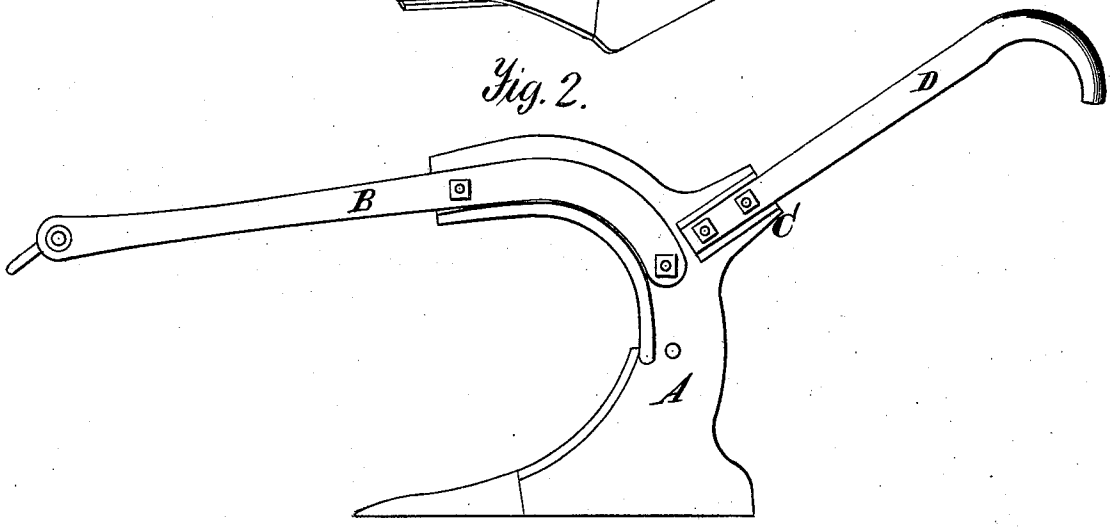


Fig. 2.



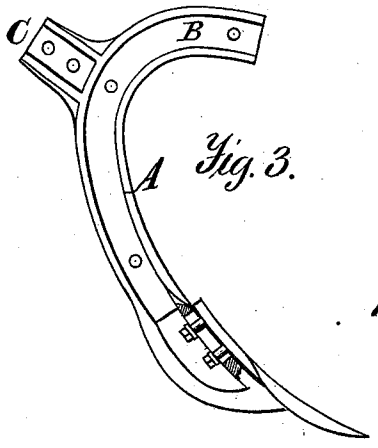


Fig. 3.

Witnesses.
A. Ruppert.
Jos. C. Waldman

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UNITED STATES PATENT OFFICE.

THOMAS E. C. BRINLY, OF LOUISVILLE, KENTUCKY.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. **170,516**, dated November 30, 1875; application filed July 31, 1875.

To all whom it may concern:

Be it known that I, THOMAS E. C. BRINLY, of Louisville, in the county of Jefferson and State of Kentucky, have invented a new and useful Improvement in Plows, of which the following is a specification:

In the annexed drawings, which form part of this specification, Figure 1 is a perspective view of a plow, showing one side. Fig. 2 is an elevation, showing the other side. Fig. 3 is an elevation, showing the adaptation of my improvement to shovel-plows.

The same letters are employed in all the figures in the designation of identical parts.

My invention relates to that class of plows which are made of metal; and consists in forming the helve or standard of cast-iron, to which the other parts of the plow are bolted, the helve being recessed and otherwise formed to receive them.

A, in the annexed drawings, is the cast-iron helve, which is adapted in form to receive the colter, plow-share, and mold-board, or a shovel or other part of the cutting mechanism of a plow, to which end the helve is constructed with the requisite flanges and bolt-holes. The upper end of the helve is curved and formed with flanges, to make recesses to receive the bent wrought-iron beams B, which are fastened by bolts and nuts, as shown. The clevis is secured to the front end of the beam, one end being placed between the two parts to hold them apart. On the back of the helve is a projection, C, cast with recesses on each side, to receive the ends of the handles D, which are secured by bolts and nuts.

The beam and handles may thus be readily detached for convenience in packing for shipment, and may be used upon different forms of helves adapted to various kinds of work.

What I claim as my invention, and desire to secure by Letters Patent, is—

A plow combining in its construction the curved cast-iron helve A, having flanges on the edges forming recesses on each side, to receive the beams, the correspondingly-curved parallel beams B, and handles D bolted in the recesses formed to receive them, substantially as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

T. E. C. BRINLY.

Witnesses:

JAMES W. HUGHES,

JOHN WOLPERT.