

T. B. QUIGLEY.

Plow.

No. 3,137.

Patented June 14, 1843.

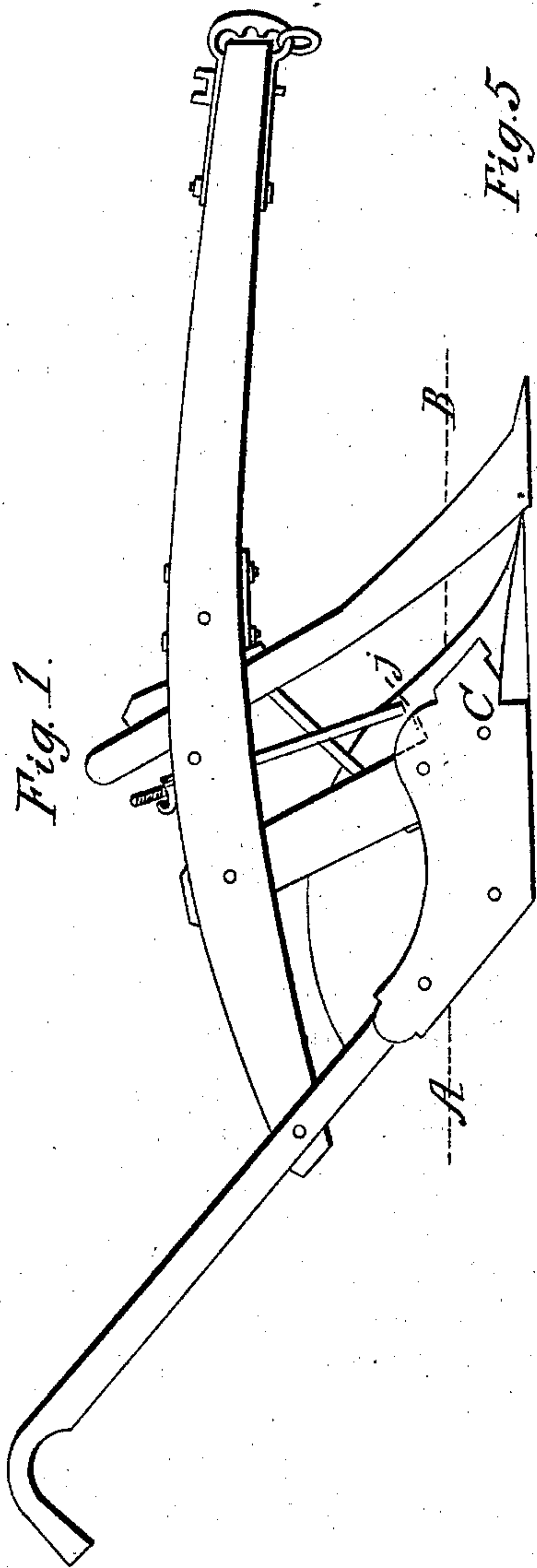


Fig. 1.

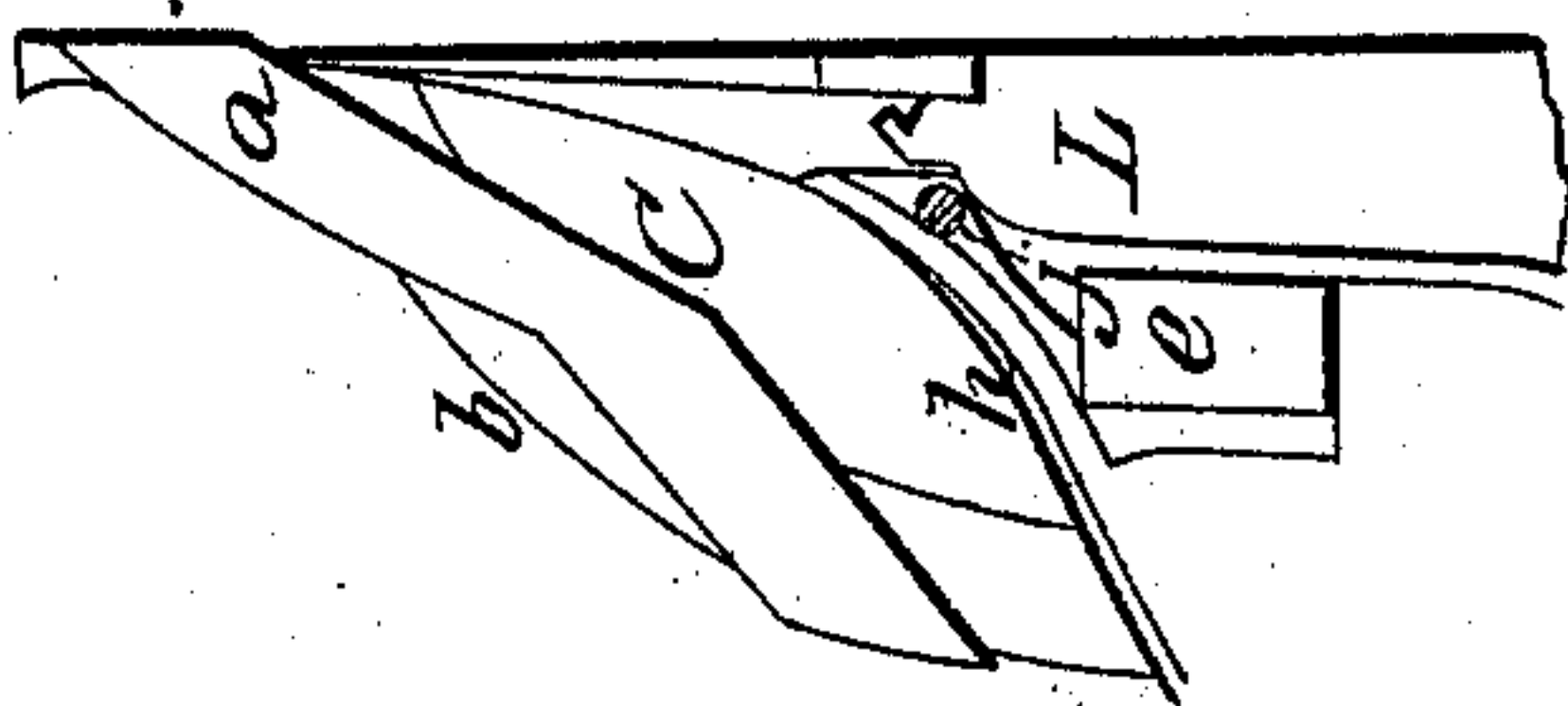


Fig. 3.

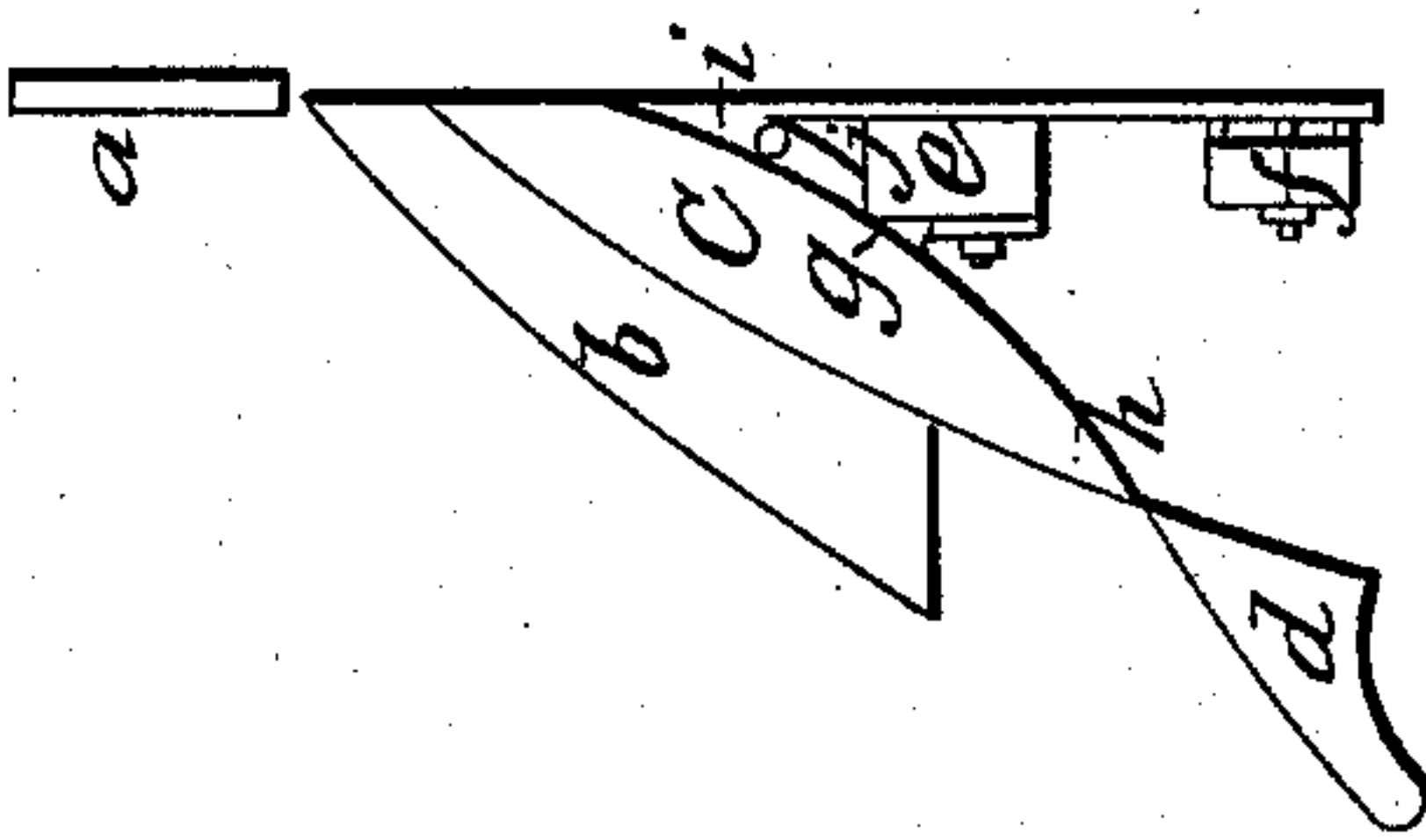


Fig. 4.

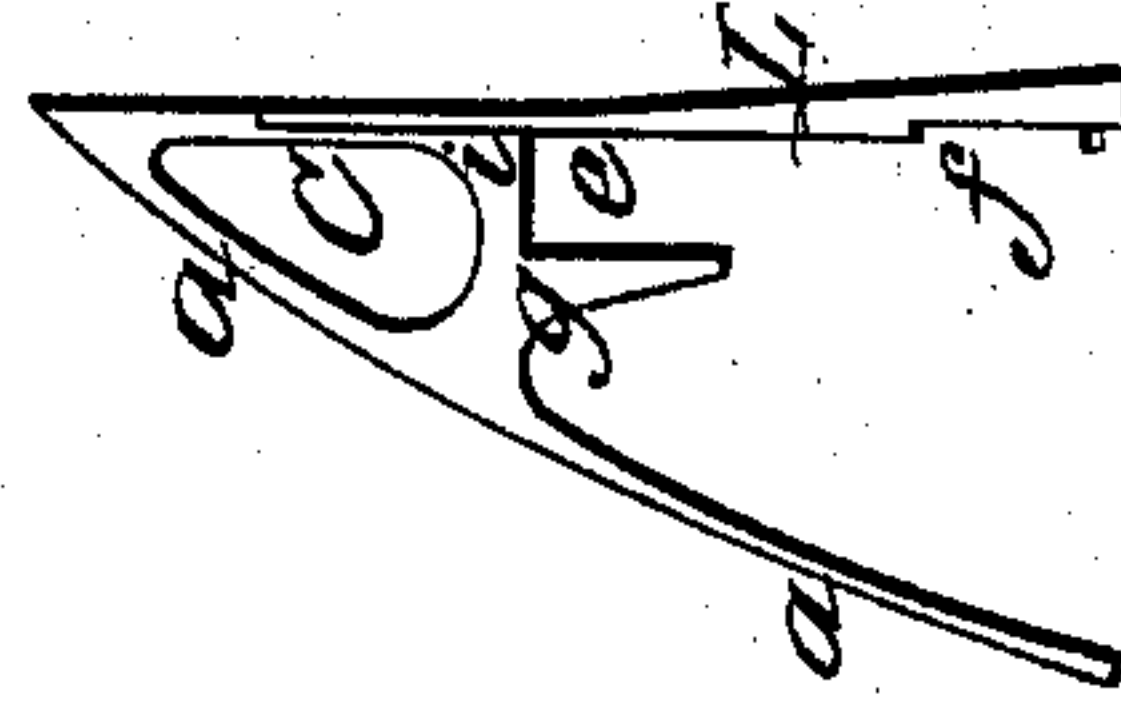
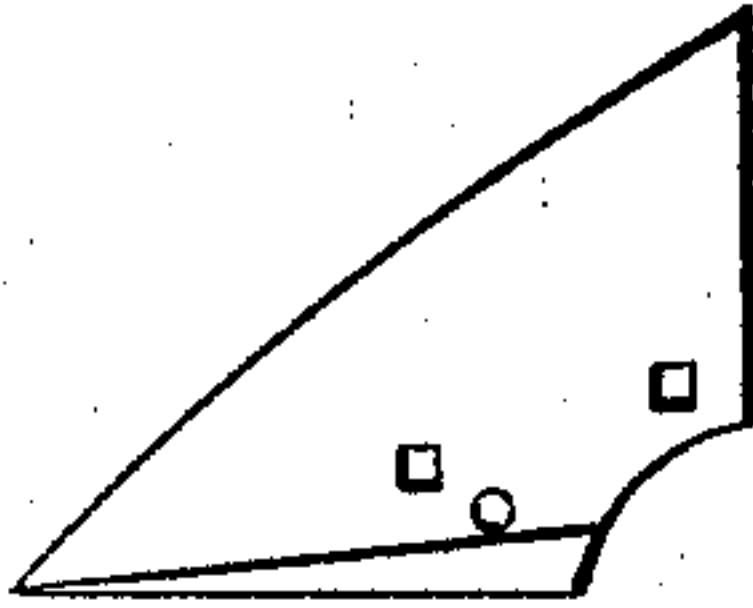


Fig. 2



UNITED STATES PATENT OFFICE.

THOMAS B. QUIGLEY, OF MANSFIELD, OHIO.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. **3,137**, dated June 14, 1843.

To all whom it may concern:

Be it known that I, THOMAS B. QUIGLEY, of Mansfield, in the county of Richland and State of Ohio, have invented a new and useful Improvement in Plows, which is described as follows, reference being had to the annexed drawings of the same, being made a part of this specification.

Figure 1 in the drawings shows a vertical projection of the right-hand side of a left-hand plow, showing the manner in which the landside is locked into the return part of the mold-board in front of the sheth, also showing the heads of the bolts which pass through the landside and sheth and through the landside and handle, the bar and share being of wrought-iron, the bar running back from the colter to the landside at C.

Fig. 2 shows the under side of the share, showing the two bolt-heads that secure it to the mold-board, also the round head of the false colter.

Fig. 3 is a horizontal or ground view of the plow without the beam, in which *a* is the sole of the colter. *b* is a projection of the share from under the mold-board. *c* shows part of the left-hand side of the mold-board. *d* shows a small part of the right-hand side of the mold-board. *e* is a cross-section of the sheth. *f* shows a cross-section of the handle on the landside. *g* shows a wing on the inside of the mold-board, cast in the same piece with it and running back parallel with the landside, through which the two bolts in the forward end of the landside pass, binding the landside, sheth, and mold-board firmly together, as shown in the figure. The curved line *h* shows the upper edge of the mold-board. *i* shows a part of the return-piece of the mold-board running back against the front of the sheth, through which

the false colter passes at *i*. *j* shows a flange or protuberance on the landside, which rests against the return-piece of the mold-board and against the front side of the sheth, making the whole almost as firm as a solid block. The open space between the lower end of the handle and the landside, as shown in the figure, is designed to receive the back end of the old-fashioned long bar when preferred to the short bar.

Fig. 4 shows a horizontal section through A B in Fig. 1, in which *a a* is the mold-board. C shows a cavity between the mold-board and return-piece, which is left hollow to save metal and weight. *i* shows a brace running across from the return-piece to the mold-board, the false colter passing through it at *i*. *g* shows the wing attached to the brace and mold-board, being cast in the same piece with them. L is the landside. *e* shows the place for the sheth between the landside and the wing on the mold-board. *f* is the place for the handle.

The dimensions of the whole plow may be varied according to the fancy of the manufacturer.

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

1. The manner in which the wing runs back, being parallel with the landside, forming a square of right angles to receive the sheth, thereby requiring but two bolts to unite firmly the sheth, landside, and mold-board together.

2. The improvement above referred to in the hook on the landside in front of the sheth.

May 22, 1843.

THOMAS B. QUIGLEY.

Witnesses:

S. C. COFFINBURG,
T. M. PLATT.