A. Wright.

Plow.

No. 73685 Patented Jan. 21, 1868.

Fig. 1.

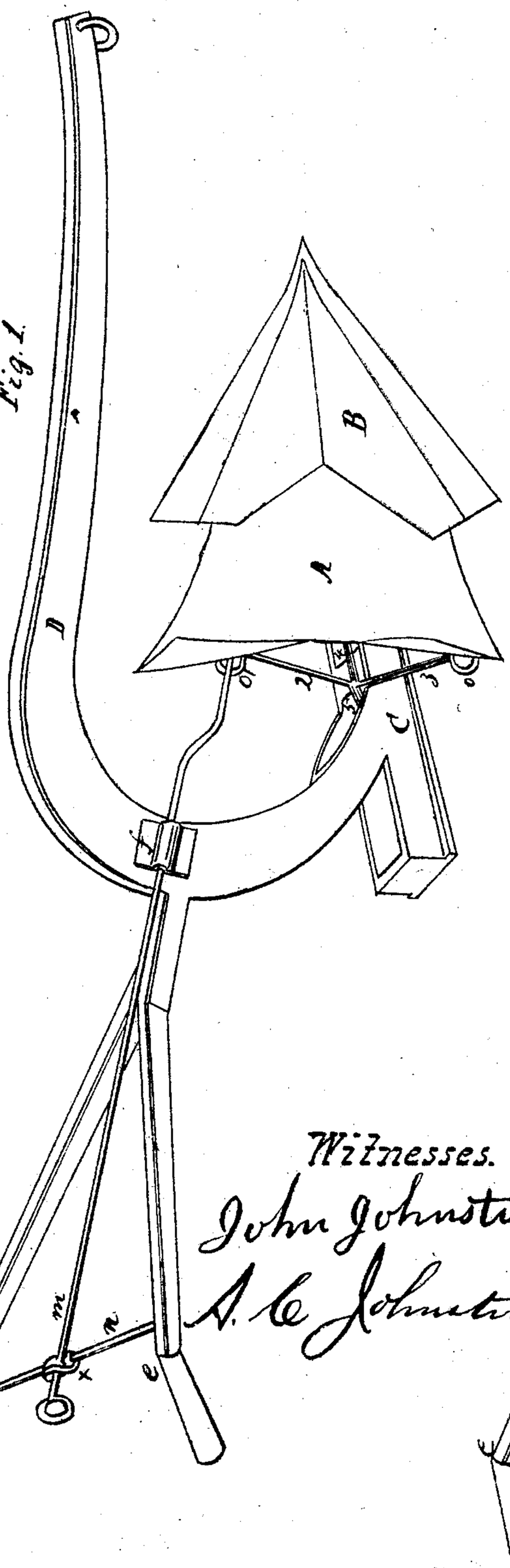
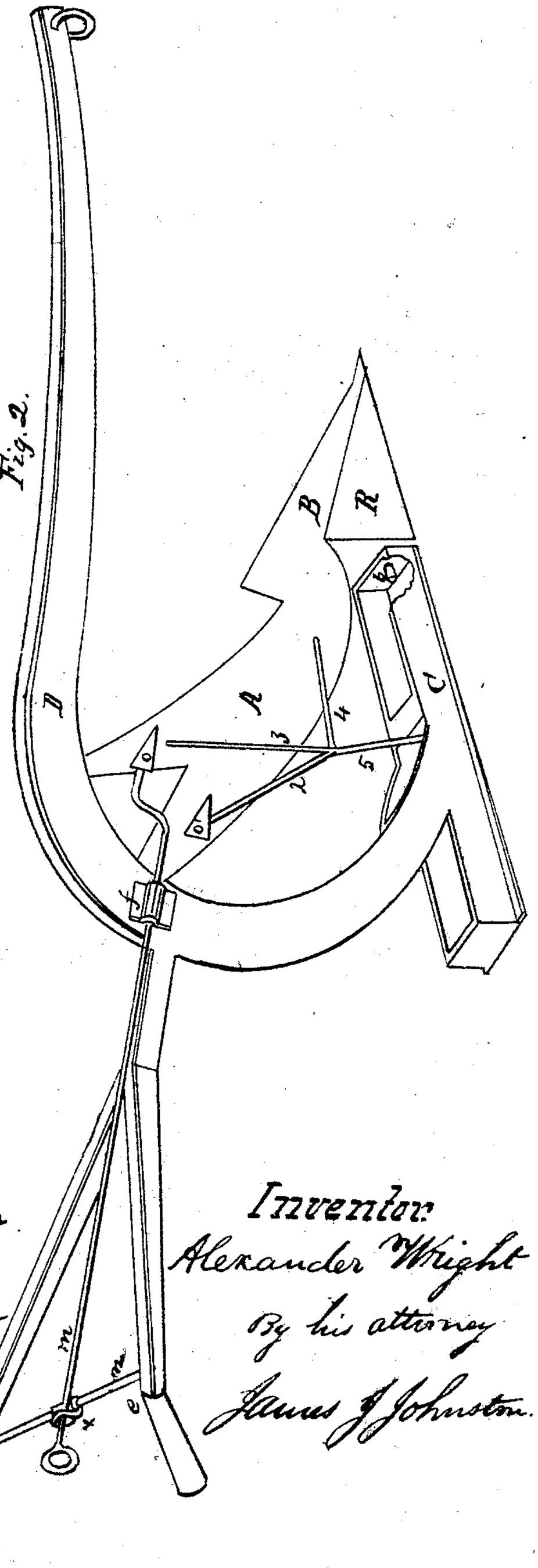


Fig. 2.



Witnesses.

John Johnston

A. G. Johnston

Inventor:

Alexander Wright

By his attorney

James F. Johnston.

United States Patent Office.

ALEXANDER WRIGHT, OF ALLEGHENY CITY, PENNSYLVANIA.

Letters Patent No. 73,685, *dated January* 21, 1868.

IMPROVEMENT IN PLOUGHS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, ALEXANDER WRIGHT, of the city and county of Allegheny, in the State of Pennsylvania, have invented a new and useful Improvement in Ploughs; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon.

The nature of my invention consists in constructing a plough which will answer the double purpose of a hill-side and a level-land plough, and so arranged that the face of the mould-board and share may be turned from the right to the left-hand side of the plough-beam by simply turning down sideways the beam and handles of the plough, and then securing the mould-board with relation to the beam and handles by means of a lever, the whole being constructed, arranged, and operating in the manner hereinafter described.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation. In the accompanying drawings, which form part of my specification—

Figure 1 is a perspective view of my improvement in ploughs, and represents the face view of the mould-board and share when they are turned to the right-hand side of the beam.

Figure 2 is a perspective view of the same, and represents the back of the mould-board and share, with their faces turned to the left-hand side of the beam.

In the drawings, A represents the mould-board and B represents the share, both of which present double working edges and faces. The mould-board and share are, by bolts, suitably secured to the block or piece marked R, which is pivoted to the land-side C at the point marked 1, (see fig. 2.) To the back of the mould-board A are attached braces 2, 3, and 4, which are connected to an arm, 5, which is at its lower end pivoted to the land-side C. On the back of the mould-board A, near the upper and back ends, are two projections, *o* and *o'*, which are provided with openings for the end of the lever *m*, which is held to the side of the beam D by means of the piece marked *f*. The upper end of the lever *m* is held by the piece *x*, on the brace *n*, for the handles *e*.

As the form, construction, and arrangement of the several parts of my improvement, and the relation that these parts bear to each other, will readily be understood by the skilful mechanic by reference to the accompanying drawings, I will therefore, without further description of its construction, proceed to describe its operation, which is as follows: When I desire to turn the face of the mould-board and share to the right-hand side of the plough-beam, I draw the lower end of the lever *m* out of the projection *o*, and then turn the handles *e* and beam D down sideways, and then place the lower end of the lever *m* in the projection *o'*, and then raise up the handles and beams; and when I desire to turn the face of the mould-board to the left-hand side of the plough-beam, I draw the lower end of the lever out of the projection *o'*, and then turn the handles and beam down to the right, and place the lower end of the lever *m* in the projection *o*, and then raise up the handles and beam to their proper position.

The advantages of my improvement in ploughs consist in the ease and facility of changing the position of the mould-board and share. By the peculiar construction of the plough, I obtain a central draught, which is a great desideratum in a plough, and give to the farmer a plough which will answer the double purpose of hill-side and level-land plough.

Having thus described the nature, construction, and operation of my improvement, what I claim as of my invention is—

A plough, constructed, arranged, and operating substantially as herein described, and for the purpose set forth.

ALEXANDER WRIGHT.

Witnesses:

A. C. JOHNSTON,

JAMES J. JOHNSTON.