

G. WATT.

Plow.

No. 16,218.

Patented Dec. 9, 1856.

Fig. 1.

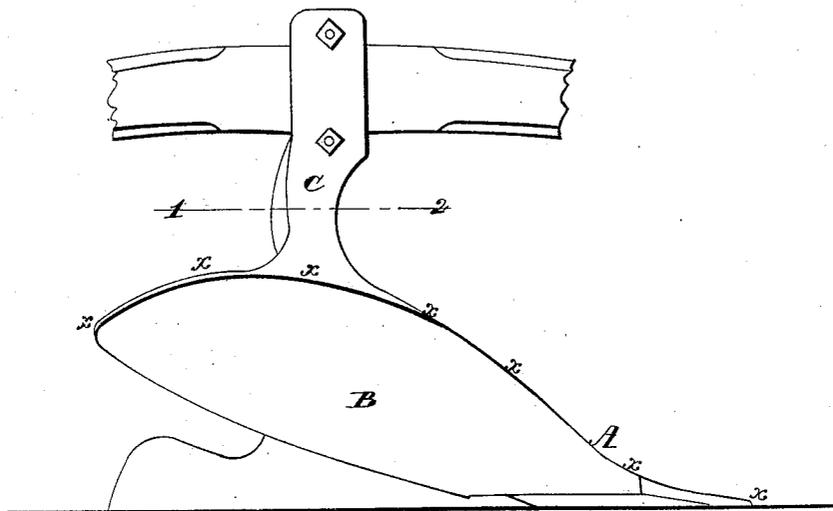
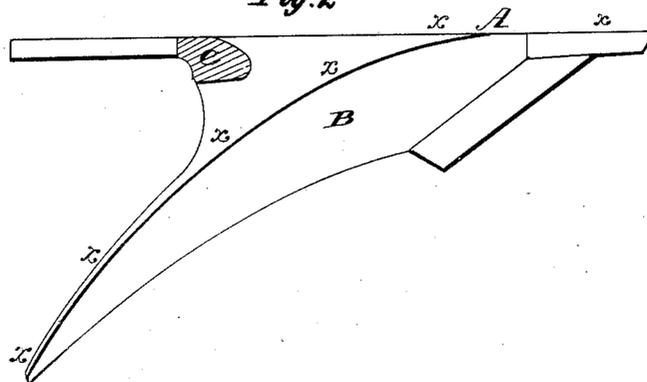


Fig. 2.



UNITED STATES PATENT OFFICE.

GEORGE WATT, OF RICHMOND, VIRGINIA.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. **16,218**, dated December 9, 1856,

To all whom it may concern:

Be it known that I, GEORGE WATT, of the city of Richmond, in the county of Henrico and State of Virginia, have invented certain new and useful Improvements in Plows; and I hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, in which—

Figure 1 represents an elevation of a plow, and Fig. 2 a section of the same in the line 1 2.

The letters of reference indicate the same parts in the different figures.

The nature of my improvement consists in forming the breast of a plow in the manner hereinafter described, by which weeds and rubbish are readily conducted off. At the point A, or thereabout, the mold-board commences to turn over the soil. From this point the upper edge of the mold-board B inclines toward the turned furrow, as shown in Fig. 2, the curve continuing to the tail of the mold-board. The standard C is cast in the same piece as the mold-board, and presents a rounded form in front. It is curved forward and toward the mold-board, its surface intersecting the surface of the mold-board at an angle gradually increasing from the point A to the rear of the standard C.

Plows of the usual construction, in which the edge of the mold-board or breast of the plow is carried up to the beam, are liable to be choked or obstructed in foul ground by accumulations of weeds, stubble, &c., but with my improvement, the edge being gradually curved away from the standard and the latter presenting no acute angle in front, the weeds, &c., slide off with facility.

Having thus fully described my improvement, what I claim as my invention, and desire to secure by Letters Patent, is—

The curved standard, when its front or concave side is rounded off, in combination with the undulating line *x x x*, extending from the point of the plow to the tail of the mold-board, and when formed by the intersection of the two curvilinear surfaces of the mold-board and the standard.

In testimony whereof I have signed my name to this specification before two subscribing witnesses.

GEO. WATT.

Witnesses:

CHAS. EVERETT,
A. POLLOK.