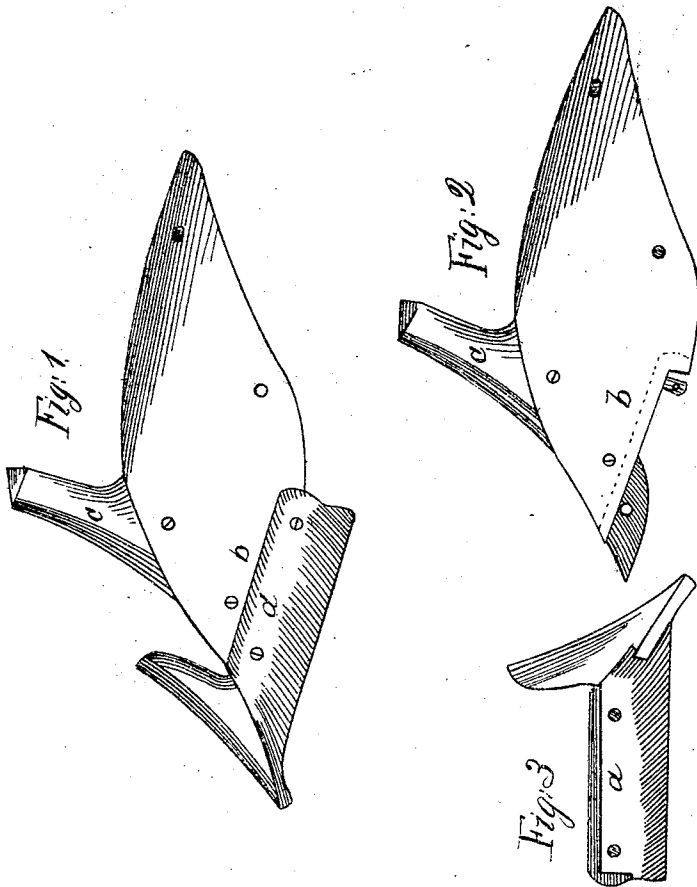


W & G. Gibbs & L. P. Wikidal.

Plow.

N<sup>o</sup> 71735

Patented Dec. 3, 1867.



WITNESSES

William A. Lynch  
Louis Schaeffer

INVENTOR:

William Gibbs  
Geo Gibbs  
Louis P. Wikidal

United States Patent Office.

WILLIAM GIBBS, GEORGE GIBBS, AND LOUIS P. WIKIDAL, OF CANTON,  
OHIO.

Letters Patent No. 71,735, dated December 3, 1867.

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 we, WILLIAM GIBBS, L. P. WIKIDAL, and GEORGE GIBBS, of Canton, in the county of Stark, in the State of Ohio, have invented a new and improved Cast Share for Ploughs; and we do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon.

The nature of our invention consists in providing the cast share of a steel or coulter-plough with a flange overlapping the mould-board.

To enable others skilled in the art to make and use our invention, we will describe its construction and operation.

We construct the share with any of known forms as to outline; but a cast share to be substituted for a steel one, in what are called "combination ploughs," would be too light and thin to withstand the duty if made with a surface even, and in conformity to that of the mould-board. We therefore thicken the share to a requisite strength, as shown at *a*, Figure 1, which additional thickness is carried over the joint so as to overlap the mould-board, as shown by the dotted line at *b*, in Figure 2. Figure 3 is a reversed view of the share, with the flange indicated by the shading at *a*, and which is ready to take the place vacated by a steel share, as seen by the shading on the extended post *c*, fig. 2, and the rear projection riveted on the under side of the mould-board.

This device, besides giving the necessary strength to the share, protects the mould-board from undue wear at the point where it most needs it.

What we claim as our invention, and desire to secure by Letters Patent, is—

The flange on cast shares, when constructed and used as hereinbefore described.

WILLIAM GIBBS,  
GEO. GIBBS,  
LOUIS P. WIKIDAL.

Witnesses:

R. T. DAVIS,  
JOSEPH PRINCE.