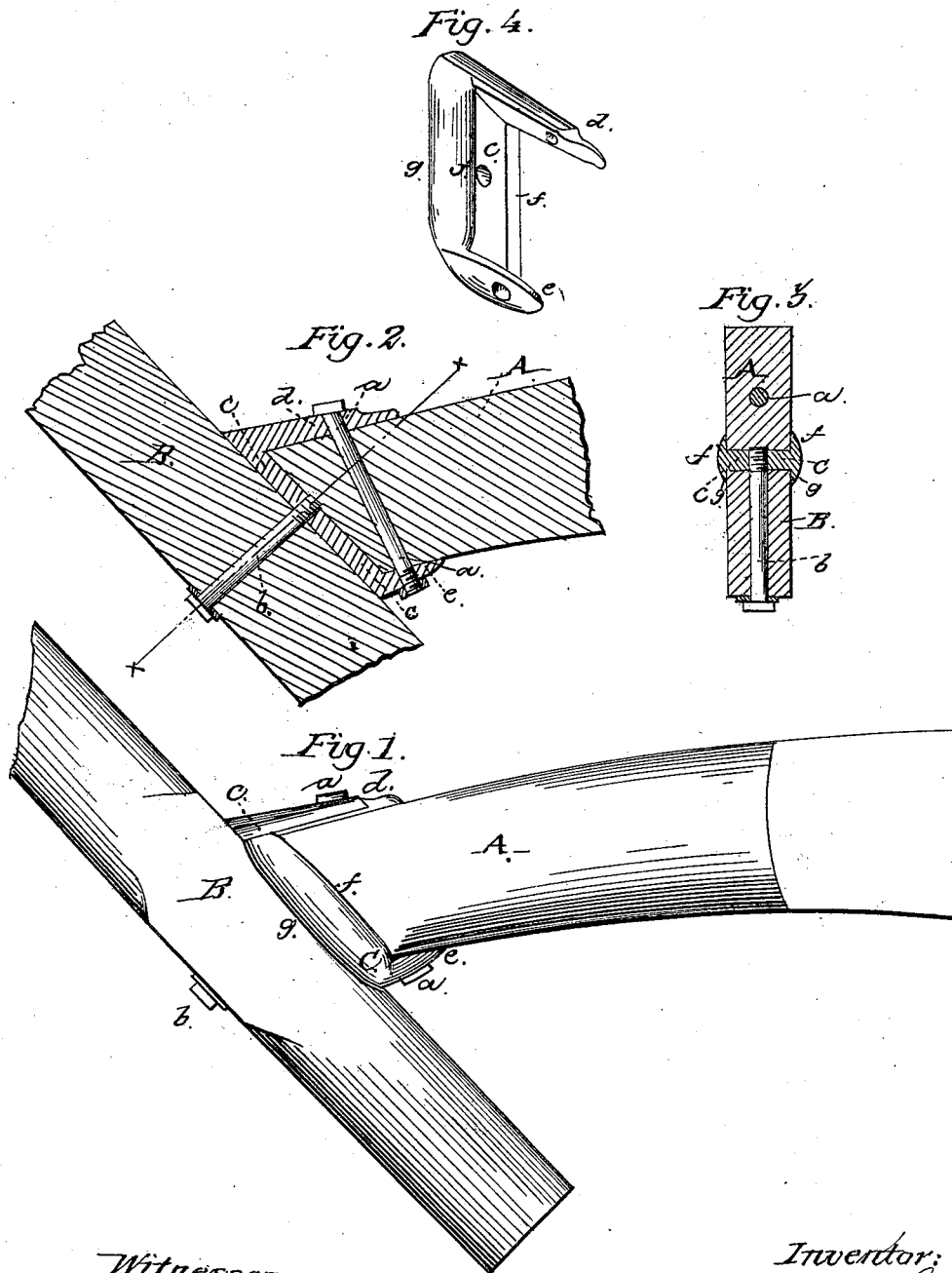


L. GIBBS.

Plow.

No 53,918.

Patented Apr. 10, 1866.



Witnesses:  
J. D. Patten  
H. L. Jones.

Inventor:  
Lewis Gibbs  
By Atty. A. B. Straightton

# UNITED STATES PATENT OFFICE.

LEWIS GIBBS, OF CANTON, OHIO, ASSIGNOR TO BUCHER, GIBBS & CO., OF  
SAME PLACE.

## IMPROVEMENT IN METALLIC FASTENINGS FOR PLOW-BEAMS.

Specification forming part of Letters Patent No. 53,918, dated April 10, 1866.

*To all whom it may concern:*

Be it known that I, LEWIS GIBBS, of Canton, in the county of Stark and State of Ohio, have invented a new and useful Improvement in Metallic Fastenings for Uniting the Beams and Handles of Plows; and I do hereby declare the following to be a full, clear and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 represents a portion of a plow-beam and handle united by one of the fastenings or clasps in question. Fig. 2 represents a vertical section through the same. Fig. 3 represents a section taken through the red line *xx* of Fig. 2; and Fig. 4 represents, in perspective, the metallic fastening detached from the beam and handle.

Similar letters of reference, where they occur in the separate figures, denote like parts in all the drawings.

I am aware that a metal plate has been set in the joint between the beam and handle of a plow for the purpose of skewing or adjusting the beam, but did not serve as a permanent fastening; and I am also aware that a metal plate has been extended over the joint between the beam and handle to strengthen the joint; but I am not aware that a metallic clasp, socket, or fastening such as I propose has ever been heretofore used for making a firm and substantial fastening for both the beam and handle.

My invention consists in a flanged plate, clasp, or socket for receiving and holding both the beam and handle, and uniting the two firmly together and to the plate by screws, bolts, keys, or their equivalents, by which they are cheaply and easily placed in position.

To enable others skilled in the art to make

and use my invention, I will proceed to describe the same by reference to the drawings.

A represents a plow-beam, and B a plow-handle of any of the known kinds; and C represents a metallic flanged plate clasping both the beam and the handle, and by means of the screw-bolts *a b*, or their equivalents, uniting them firmly together.

The plate or clasp C has top and bottom lugs, *d e*, which lie against the top and bottom of the beam A; and the bolt *a* passes through said lugs and through the beam, firmly uniting one to the other. There are also side flanges, *f f*, on the plate or clasp for holding the beam laterally, making, as it were, with the lugs *d e*, a shallow socket or recess for receiving and holding the end of the beam. On the opposite side of the plate there are flanges *g*, similar to those *f*, which form a recess for the handle B to lie in, and the screw *b* passes through said handle, and is screwed into the plate C, which firmly unites the handle to the plate. Thus by this plate, which may be cast, and two screw-bolts, a very firm connection between the beam and handle of the plow is made without cutting away the wood, as in making a mortise and tenon.

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

A metallic fastening for uniting a plow-beam and handle, made with lugs, flanges, and recesses, and united thereto in the manner and for the purpose herein described and represented.

LEWIS GIBBS.

Witnesses:

GEO. W. RAFF,  
JOSEPH FREASE.