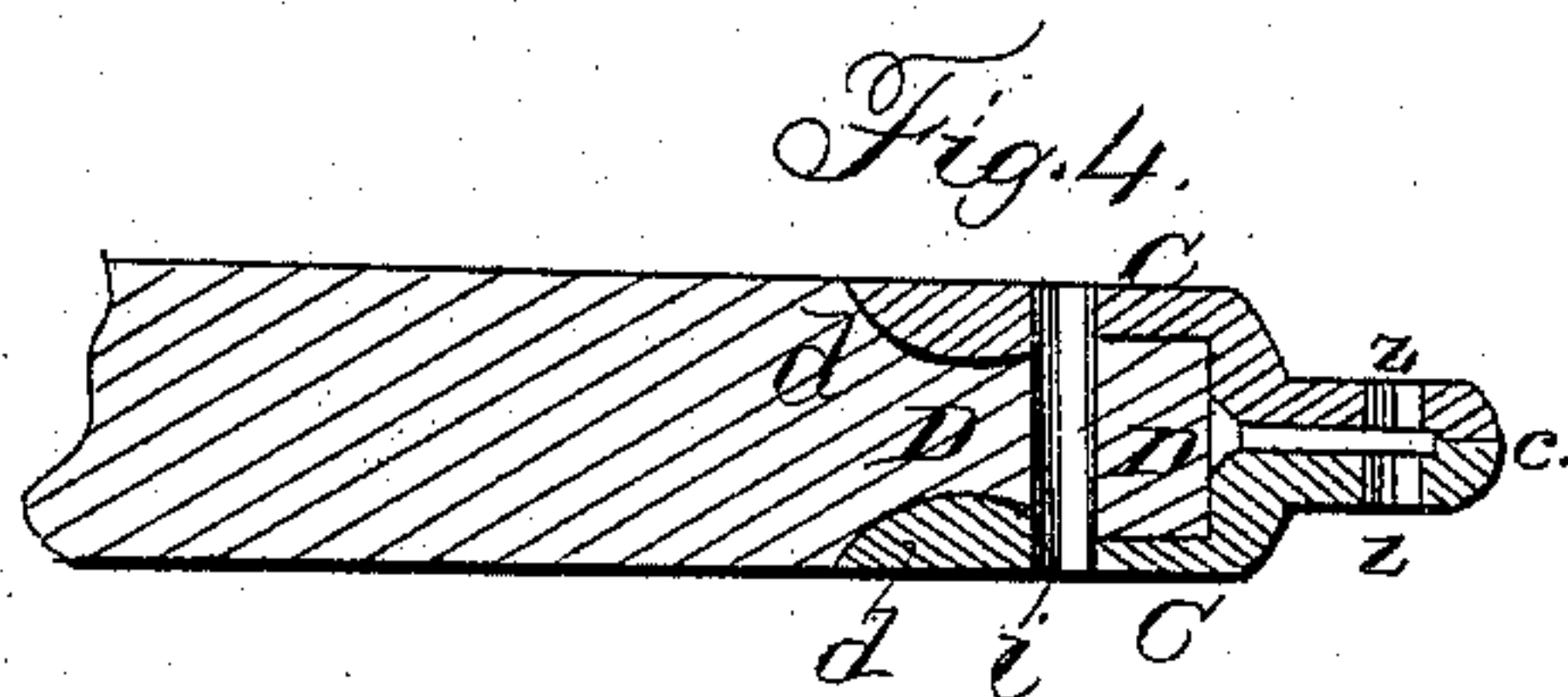
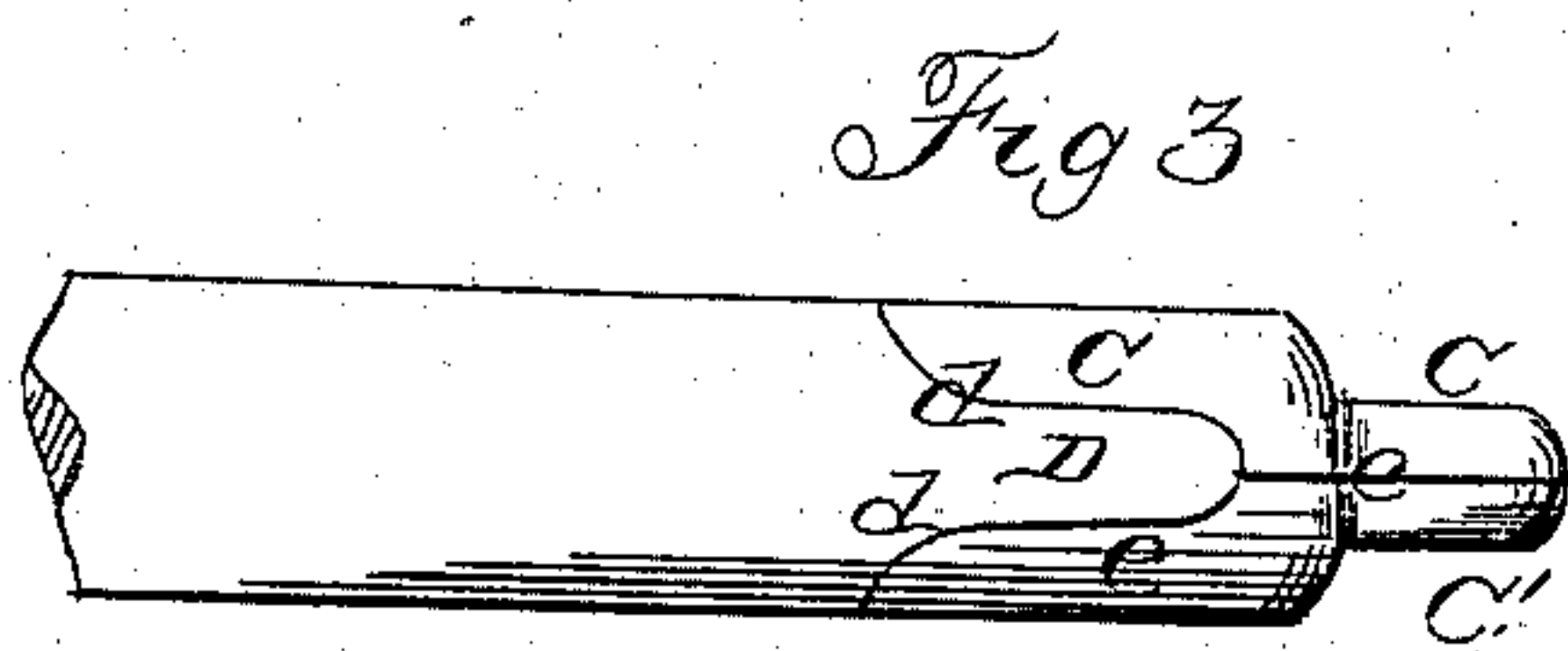
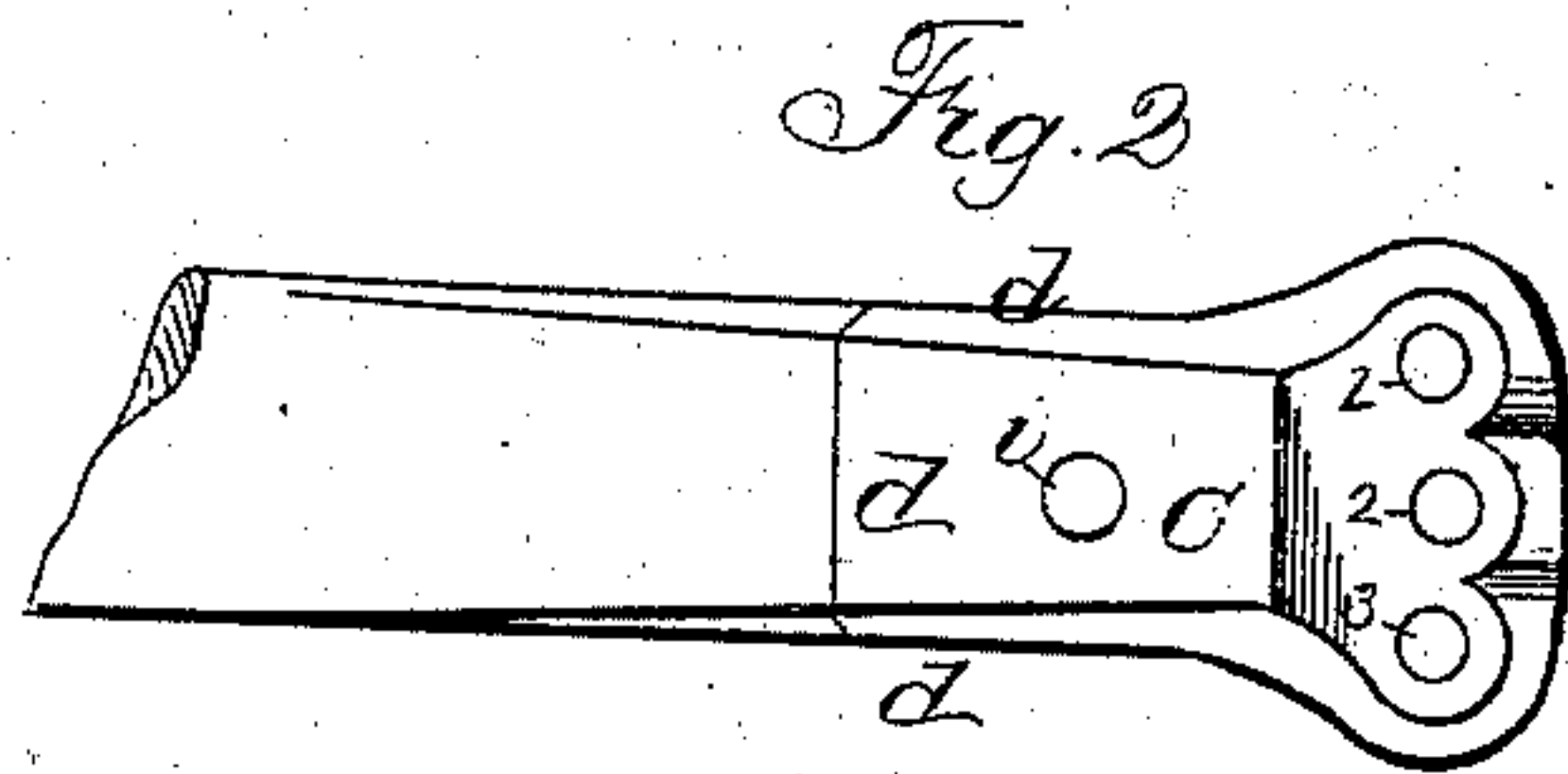
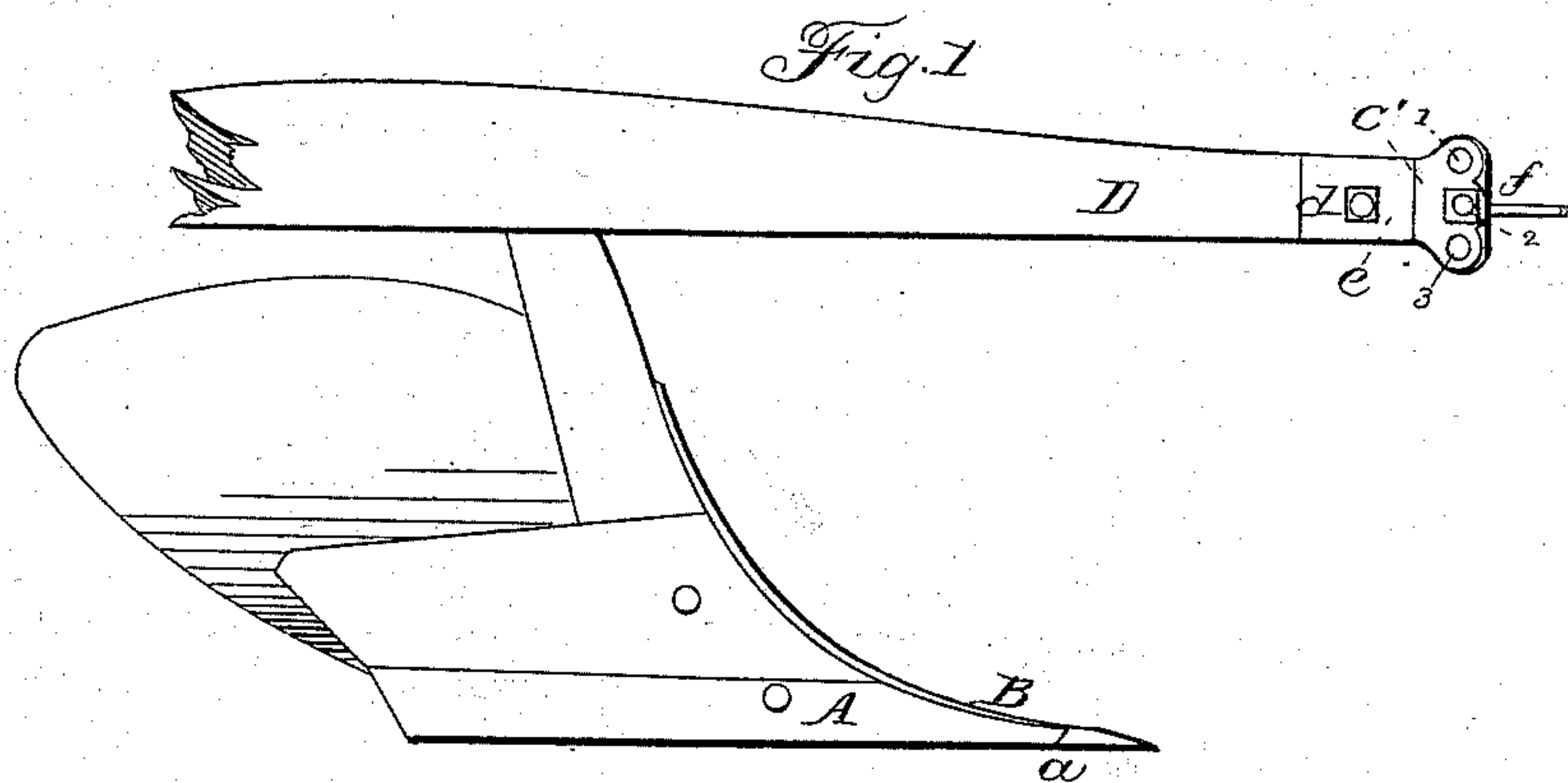


L. GIBBS.
Plow-Clevis.

No. 66,016.

Patented June 25, 1867.



WITNESSES:

Jno D Patten
Thos Chamblain

INVENTOR:

Lewis Gibbs
By atty AB Stoughton

United States Patent Office.

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

Letters Patent No. 66,016, dated June 25, 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 I, LEWIS GIBBS, of Canton, in the county of Stark, and State of Ohio, have invented certain new and useful Improvements in Ploughs; 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 view of the plough from the land-side, and

Figures 2, 3, and 4 represent respectively, and on an enlarged scale, a side, top, and horizontal section of the clevis and point of the plough-beam to which it is united.

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

Letters Patent of the United States were granted to my assignees on the 12th March, 1867, for an improvement in ploughs, in which many of the features of the present invention may be found, and I do not propose to again describe these features, but to point out the difference between them and the present invention.

In the plough above referred to the bar on the land-side is secured to the share near the point by a dove-tail on top, in which position it is liable to wear away by use. In the present invention I unite the bar A to the share B by a dove-tail, *a*, underneath, so that the wear upon the share does not injuriously affect the joint or point of union. This mode of uniting the bar and share, as well as that heretofore patented, as above stated, avoids the necessity of welding these pieces together at that point, and makes either piece removable and replaceable without removing or replacing both, and in steel or cast-iron ploughs is a very decided saving and advantage. In other respects the plough may be like that patented to my assignees, as above mentioned.

Another part of my invention consists in a cast clevis, made in two parts, and so constructed that when applied to the beam it shall clasp the beam by a dove-tail connection, and be held firmly thereto by a bolt passing through the clevis and beam. C and C' represent the two sections of the clevis, *c* being the dividing line or joint between them. The end of the plough-beam D is shaped as shown in the section, fig. 4, and the cheeks *d* of the clevis are hollowed out so as to lie snugly against this cut portion of the beam, and may lap over the top and bottom of the beam more or less, as seen in fig. 3, so as to be flush with the sides of the beam. When the two sections C C' are laid against the sides of the beam so prepared to receive them, a bolt, *e*, is passed through and through to hold them together and to the beam, the strain on the clevis in drawing the plough thus coming upon the dove-tail formed on the end of the beam. The clevis hook or ring *f* is held in either of the holes 1 2 3 by a bolt or key passing through the forward ends of the clevis. The hole for the bolt *e* is represented at *i*.

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

1. Uniting the bar A to the share B at the point *a*, underneath the share, as and for the purpose herein described.

2. I also claim a clevis made in two parts, with dove-tail recesses cast therein, so as to fit a dove-tail or shoulder formed on the end of the beam, and united thereto by a bolt or key, substantially as herein described and represented.

LEWIS GIBBS.

Witnesses:

J. CREVOISIE, Jr.,

J. M. LIND.