

James Urie's Plow

Fig. 1.

73209

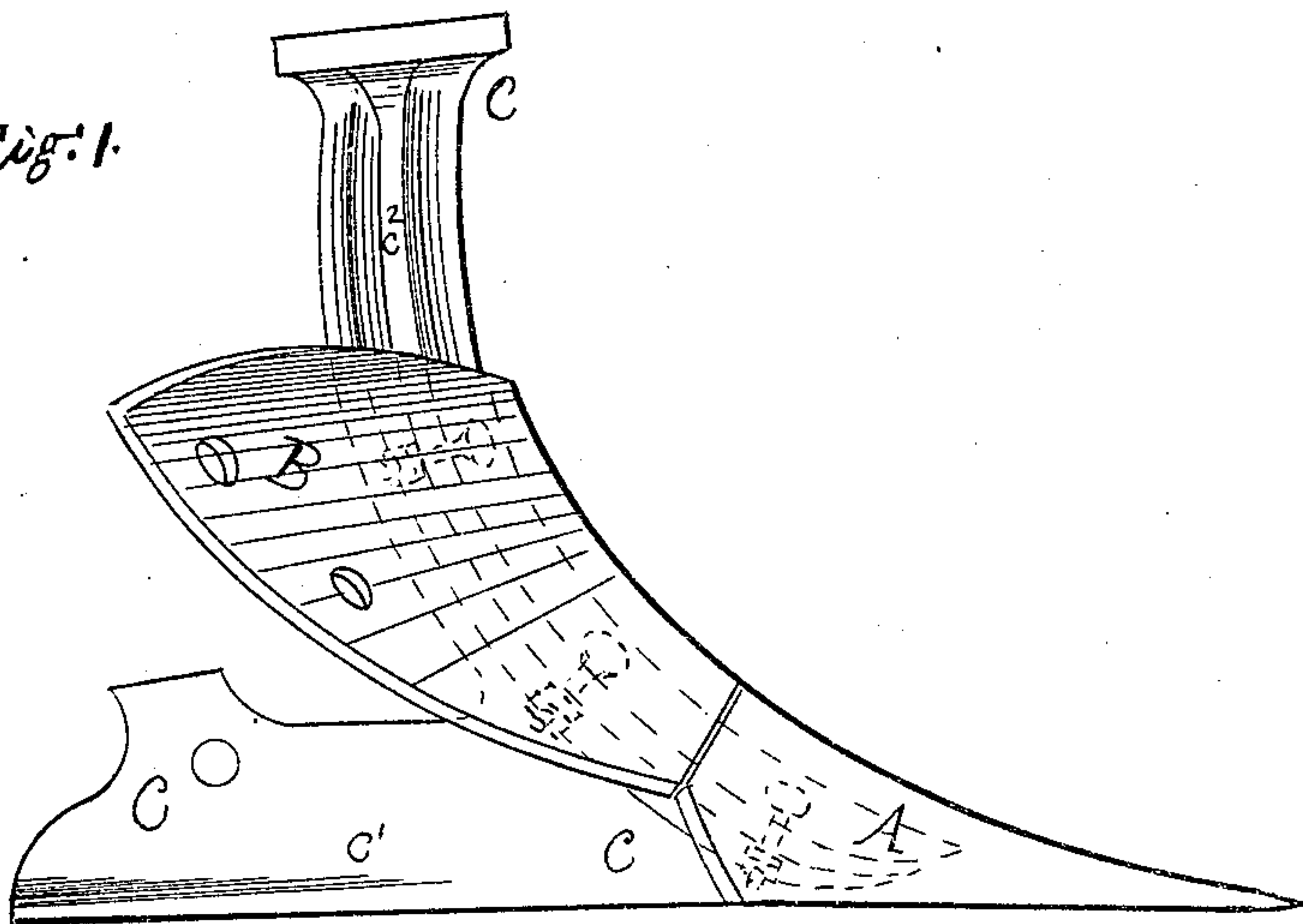


Fig. 2.

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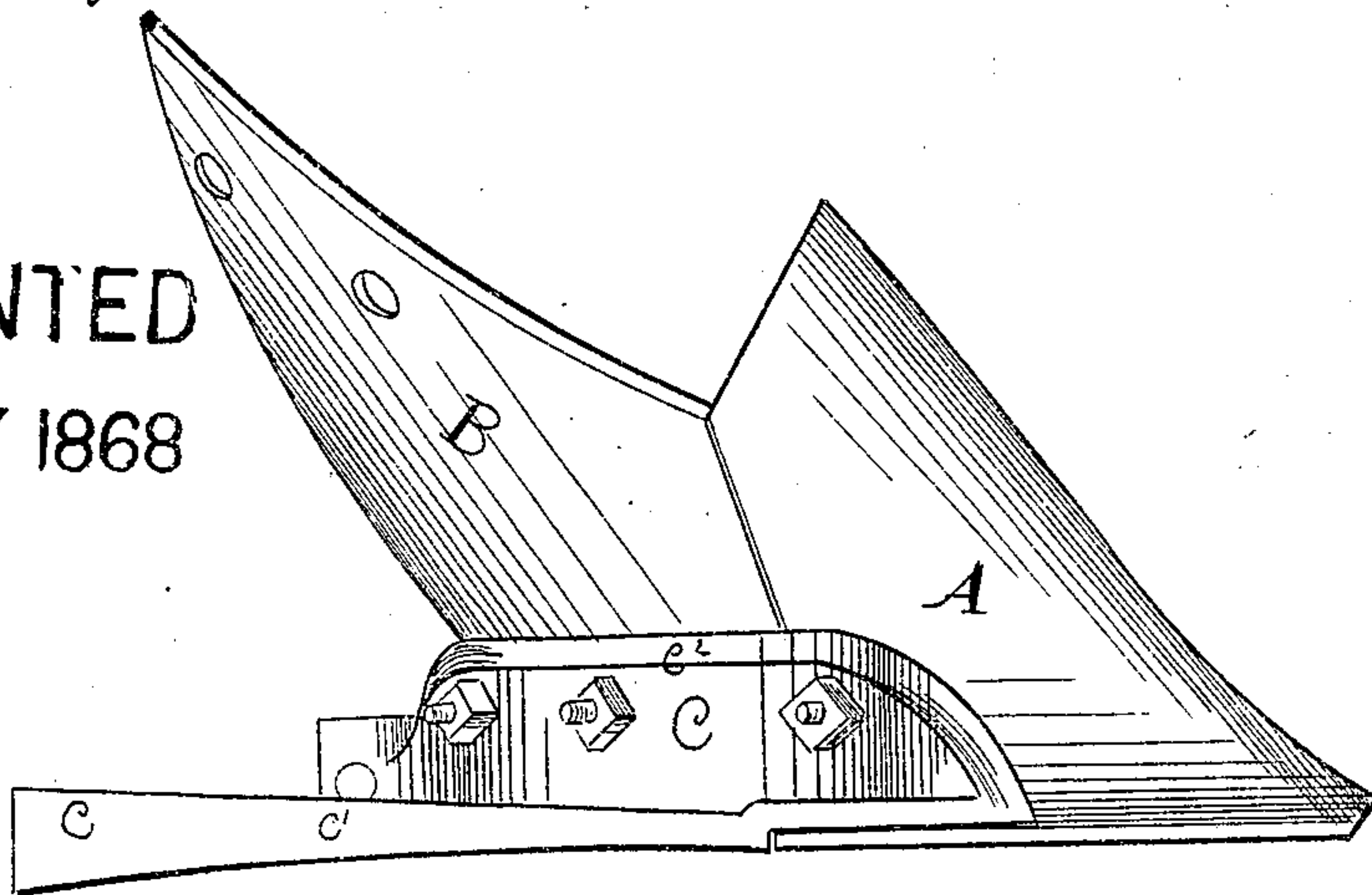
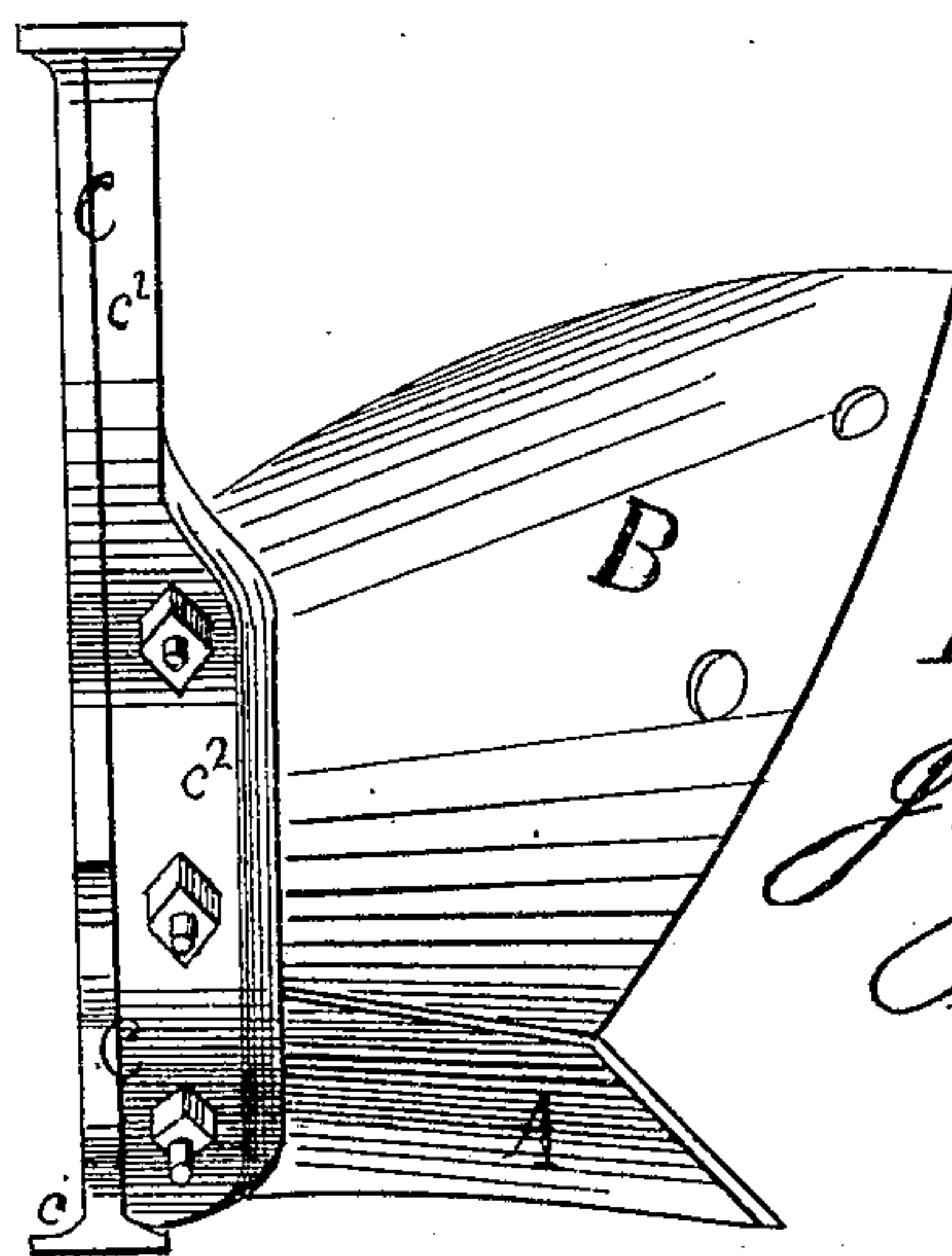


Fig. 3.



Witnesses.
Theo. Froche
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JAMES URIE, OF EVANSVILLE, INDIANA.

Letters Patent No. 73,209, dated January 7, 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, JAMES URIE, of Evansville, in the county of Vanderburg, and State of Indiana, have invented a new and useful Improvement in Plough; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a side view of my improved plough.

Figure 2 is a bottom view of the same.

Figure 3 is a rear view of the same.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish an improved plough, simple in construction, effective in operation, which can be manufactured at small expense, and any part of which can be easily renewed, when worn, without its being necessary to send the entire plough to the manufactory to have the renewed part fitted; and it consists in the combination of the standard, point, or share, and mould-board with each other, when said parts are formed and attached substantially in the form and manner hereinafter more fully shown and described.

C is the standard or frame, to which the point or share, mould-board, beam, and handle are secured by bolts. The horizontal part c^1 of the frame C is formed with a flange upon each side of the rear part of its base, as shown in figs. 1, 2, and 3, and with a flange, c^2 , upon the off side of its upright part, which forms a seat for the point and mould-board, and to which the said parts are secured by bolts and nuts, as shown in figs. 2 and 3, and in dotted lines in fig. 1. The point or share A is formed in substantially the shape shown in figs. 1, 2, and 3, that is to say, it extends farther upward than the said part does upon ordinary ploughs, and has a downwardly-projecting flange upon its inward or near side, which fits into a recess formed in the frame C for its reception, extends down so that its lower edge forms a part of the base of the plough, and which forms a portion of the land-side of the plough. The point or share A is secured to the standard C by a single bolt and nut, and may be removed at will whenever it becomes worn or broken, and replaced with a new one. The mould-board B is secured to the flange c^2 of the standard C by two bolts and nuts, and its off or rear side is supported by being bolted to the handle, as indicated by the bolt-holes in the said rear part.

This construction enables the mould-board B to be removed when worn, or when it is desired to replace it with a mould-board of another shape for a different kind of ploughing. The different parts of the plough are all so constructed that any one of them may be replaced with a new one when desired, which new part will exactly fit the other parts, so that it will not be necessary to send the plough, or any part of it, to the manufactory to have the said part or parts fitted.

I claim as new, and desire to secure by Letters Patent—

1. The standard C, constructed as described, having the flange c^1 extending its entire length upon one side, and the horizontal part or land-side forming two flanges upon its rear end, gradually decreasing in width toward the forward part, all cast in one piece, as herein described for the purpose specified.

2. The point A, when cast in one piece, as set forth, in combination with the standard C, constructed as described, having the flange c^1 extending its entire length upon one side, and the horizontal part or land-side forming the flanges upon its rear end gradually decreasing in width toward the forward part, all cast in one piece, as herein shown and described.

JAMES URIE.

Witnesses:

HENRY F. BLOUNT,

JOHN H. RODKIN.