

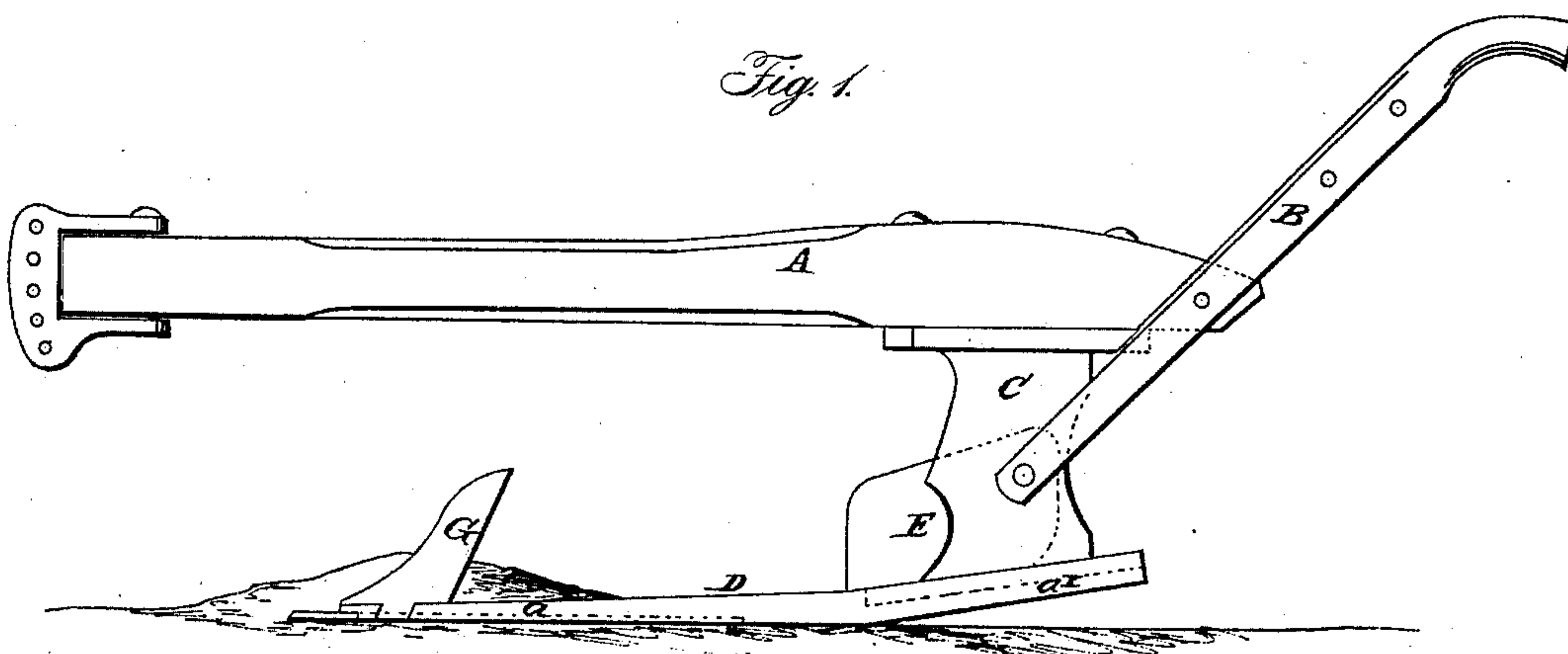
J. COFFEY.

Bog-Cutter.

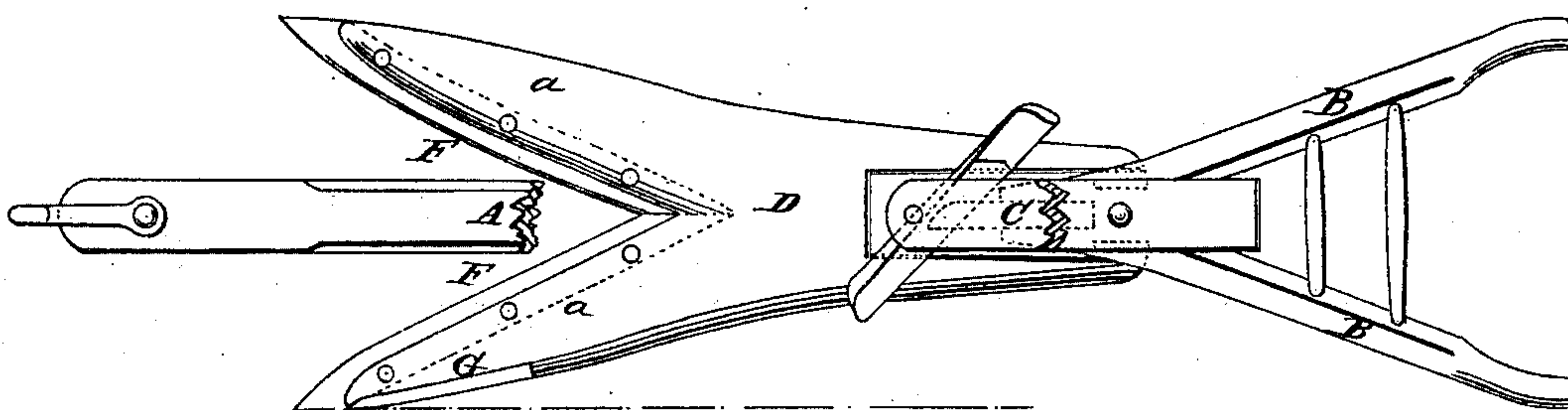
No. 59,557.

Patented Nov. 13, 1866.

*Fig. 1.*



*Fig. 2.*



Witnesses:

*J. A. Jackson*  
*J. A. Service*

Inventor:

*John Coffey*  
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# UNITED STATES PATENT OFFICE.

JOHN COFFEY, OF MONROE, NEW YORK.

## IMPROVEMENT IN PLOW FOR CUTTING BOGS.

Specification forming part of Letters Patent No. 59,557, dated November 13, 1866.

*To all whom it may concern:*

Be it known that I, JOHN COFFEY, of Monroe, in the county of Orange and State of New York, have invented a new and Improved Plow for Cutting Bogs; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a side view of my invention; Fig. 2, a plan or top view of the same.

Similar letters of reference indicate like parts.

This invention relates to a new and useful implement or device for cutting bogs and evening the surface of low, swampy meadows, with a view of rendering the same capable of being mowed with a mowing-machine.

A represents a beam, and B B handles attached thereto. These parts may be constructed of wood, and like those of an ordinary plow.

C is a standard of cast-iron, and firmly bolted to the under side of the beam near its back end, and D is a cast-iron sole-plate, which may be cast with or attached to the lower end of the standard C, and having a V-shaped notch or recess at its front part to form two flaring prongs, *a a'*, as shown clearly in Fig. 2. The front part of this sole-plate has a horizontal position; but the back part underneath the standard C is inclined upward, as shown clearly in Fig. 1 at *a*<sup>x</sup>.

At the front part of the standard C there is a mold-board, E, which has an oblique position, and is curved so as to cast the bogs at one side as the implement is drawn along.

F F are two cutters, which may be of steel, and are firmly bolted to the under side of the prongs *a a'* at their inner edges, so as to pro-

ject a trifle beyond them, and to the front part of the left-hand prong *a'* there is attached a vertical cutter or colter, G.

The operation is as follows: As the implement is drawn along, the cutters F F shave off all bogs within their range, while the cutter or colter G will split such bogs as are in line with the front end of the prong *a'*, and leave a smooth edge at what may be termed the "land side" of the cut or path which the implement makes, the mold-board E casting the cut bogs aside to the right, so as to leave a smooth clear space behind and define clearly the uncut portion at the left side. By this means the attendant or driver will not work over portions of the meadow which have been already operated upon.

By having the back part of the sole-plate D inclined upward, the attendant, by pressing down on the handles B B, may raise the front ends of the cutters F F, and thereby enable the same to pass over acclivities and hollows without having the points of the cutters entering the earth—a contingency which would otherwise occur and occasion considerable annoyance and trouble.

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

1. The sole-plate D, provided with the prongs *a a'*, with the cutters F F attached, in connection with the beam A, substantially as and for the purpose specified.

2. The mold-board E, in combination with the sole-plate D, cutters F F, and either with or without the cutter or colter G, for the purpose set forth.

JOHN COFFEY.

Witnesses:

GILBERT TURNER,  
CHARLES HUNTER.