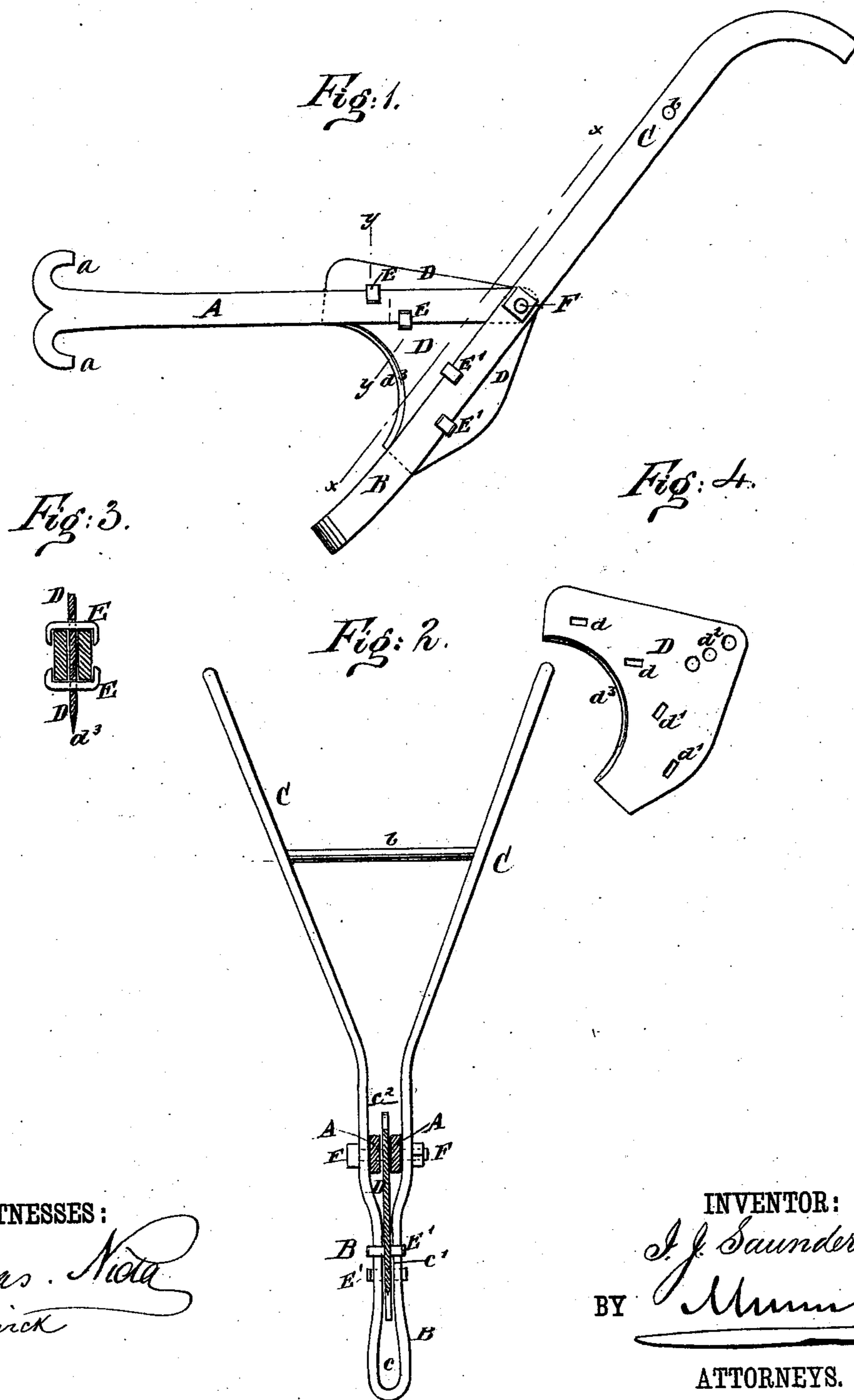


I. J. SAUNDERS.
Plow-Stock.

No. 203,948.

Patented May 21, 1878.



WITNESSES:

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UNITED STATES PATENT OFFICE.

IRVIN J. SAUNDERS, OF COLEMAN STATION, GEORGIA.

IMPROVEMENT IN PLOW-STOCKS.

Specification forming part of Letters Patent No. **203,948**, dated May 21, 1878; application filed March 27, 1878.

To all whom it may concern:

Be it known that I, IRVIN JASPER SAUNDERS, of Coleman Station, in the county of Randolph and State of Georgia, have invented a new and Improved Plow-Stock, of which the following is a specification:

The object of my invention is to furnish a simple and strong plow-stock conveniently adjustable for varying the pitch of the plow.

The invention will first be described in connection with the drawing, and then pointed out in the claims.

In the accompanying drawings, Figure 1 represents a side view of my improved plow-stock. Fig. 2 is a sectional elevation of the same, the section being taken on the line *x x* of Fig. 1. Fig. 3 is a cross-section on the line *y y* of Fig. 1. Fig. 4 is a detail view of the brace-plate and cutter.

Similar letters of reference indicate corresponding parts.

A is the plow-beam. B is the plow-standard, and C the handles. D is the steel plate for connecting and bracing together the beam and standard.

The forward end of the beam A is provided with the clevis *a*, and the rear end is slotted for some distance for the reception of the upper edge of the brace-plate D.

The standard and handles B C are made together out of one continuous piece, bent double, as shown in Fig. 2, and having between its two halves the opening *c*, for bolting the shovel to the standard, the opening *c'*, for receiving the lower part of the brace-plate D, and the opening *c''*, for receiving the rear end of the split beam A, with the brace-plate D in it. The plate D has two sets of oblong holes, *d d* and *d' d'*, for the attachment of the beam A and standard B, respectively, and a set of holes, *d''*, for attaching together the rear ends of the plate D, beam A, and the standard B, by one common bolt, F, inserted through holes made in axial line with each other in the

standard and beam, and through one or other of the holes *d''*, according to the angle desired between the beam and the standard, and the consequent pitch of the plow. The beam A is further fastened to the steel plate D by metal strips E, fitted through the holes *d*, and clinched over the beam A to clamp it, one grasping its upper edge and the other its lower edge, as seen in Fig. 3. The standard B is secured on the plate D in a similar manner by the clamps E' through the holes *d'*.

The beam and standard and handles, being secured together and to the brace-plate D by the clamps E E' and bolt F, in the manner described, make a very strong plow-stock.

The forward edge *d''* of the brace-plate D is curved, and sharpened to an edge, as seen in the drawing, for the purpose of cutting weeds, roots, and other obstacles in its way.

The upper parts of the handles C are connected together by a brace or round, *b*, in the usual manner.

To increase the depth of the plow from the position shown in the drawing, the beam and standard are secured to the plate D by inserting the bolt F through one of the more forward of the holes *d''*.

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

1. The brace-plate D, provided with the cutting-edge *d''* and the three sets of holes *d d' d''*, arranged to adapt it for adjustably securing together the beam A and standard B of a plow-stock, substantially as set forth.

2. The handles and standard B C, made in one piece, having the openings *c c' c''*, in combination with the brace-plate D, having holes *d' d''*, the split beam A, and the clamps E E', as shown and described.

IRVIN JASPER SAUNDERS.

Witnesses:

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