

(No Model.)

M. SCHUBERT.

PLOW FENDER.

No. 278,188.

Patented May 22, 1883.

Fig. 1.

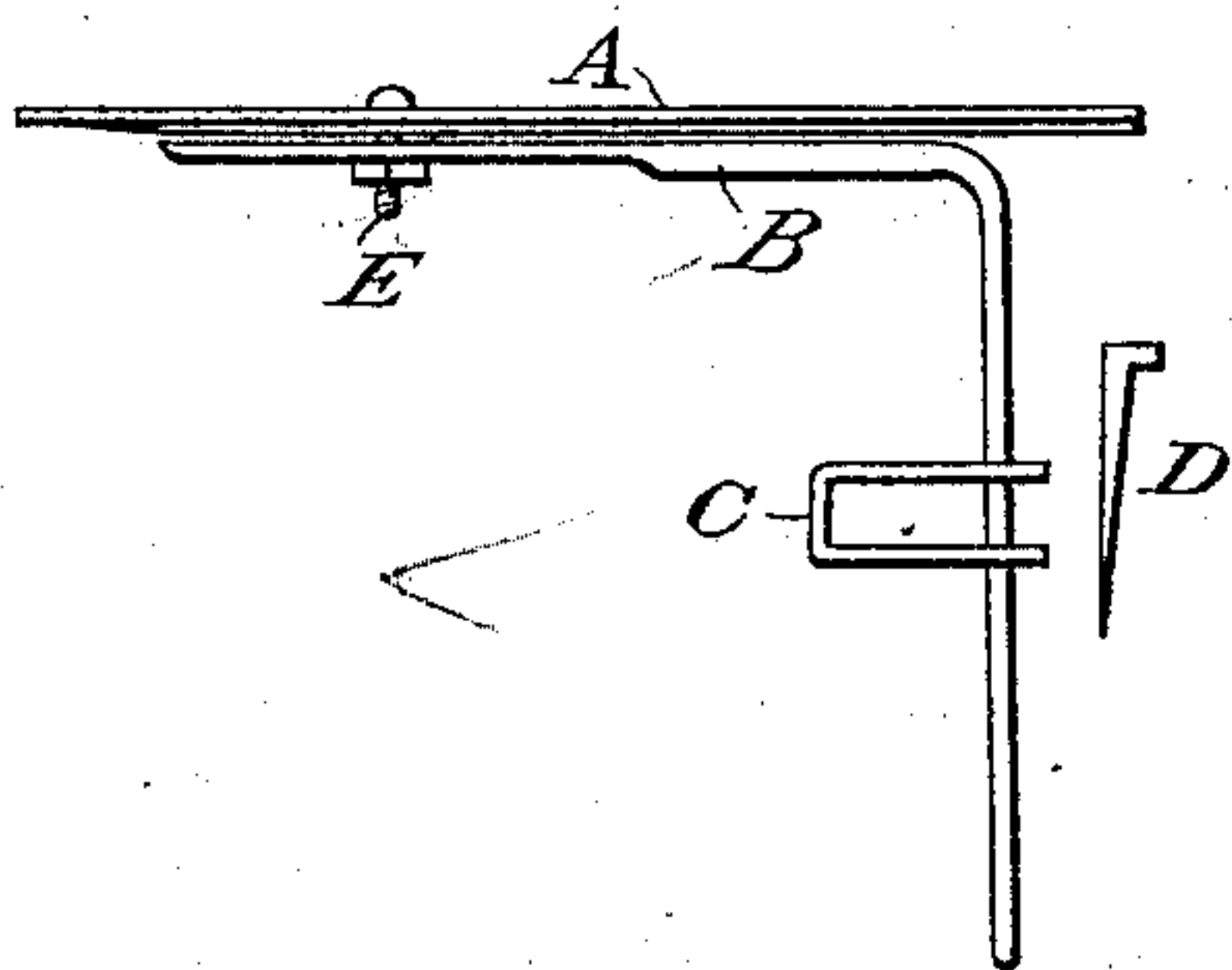


Fig. 2.

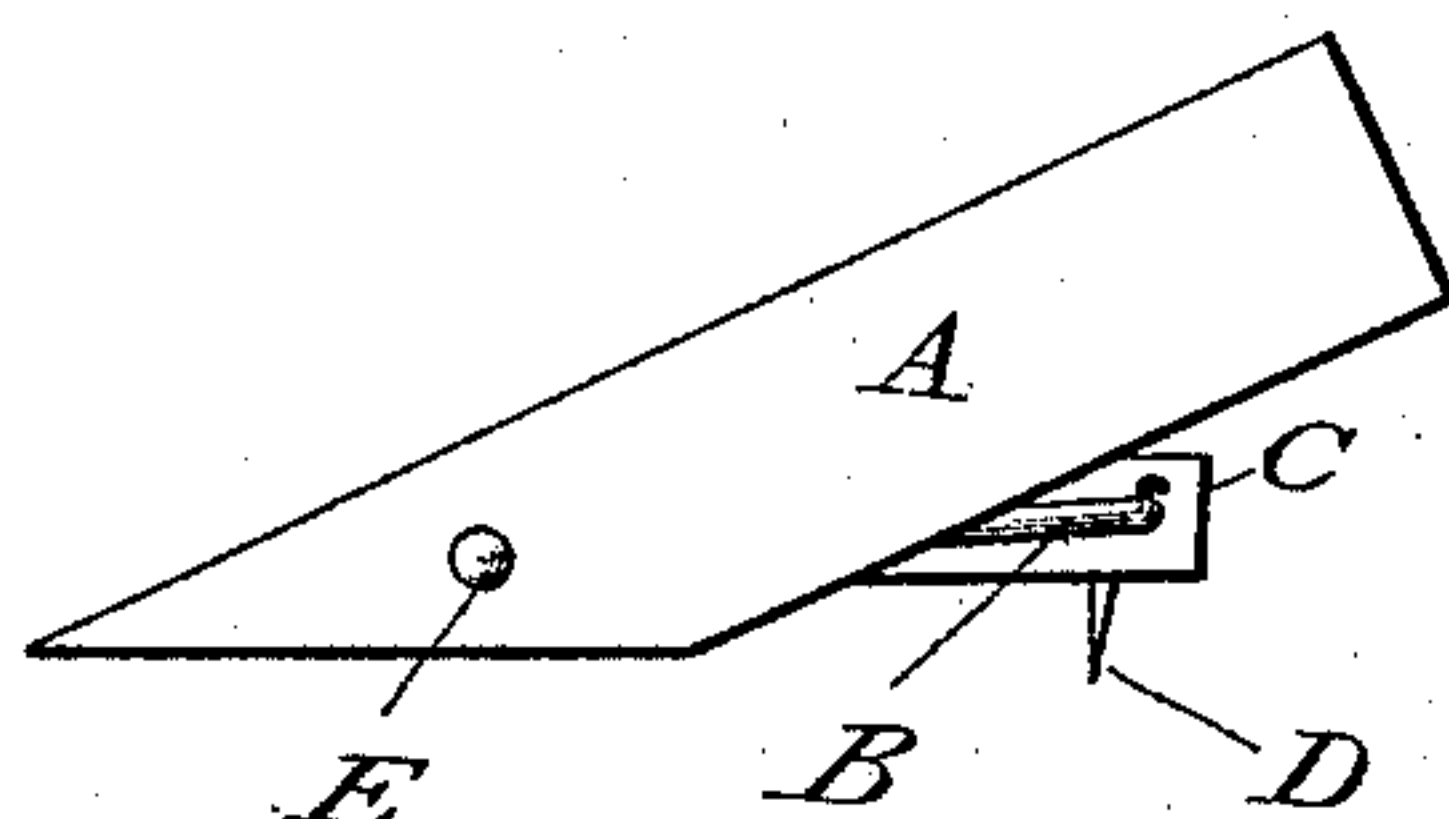
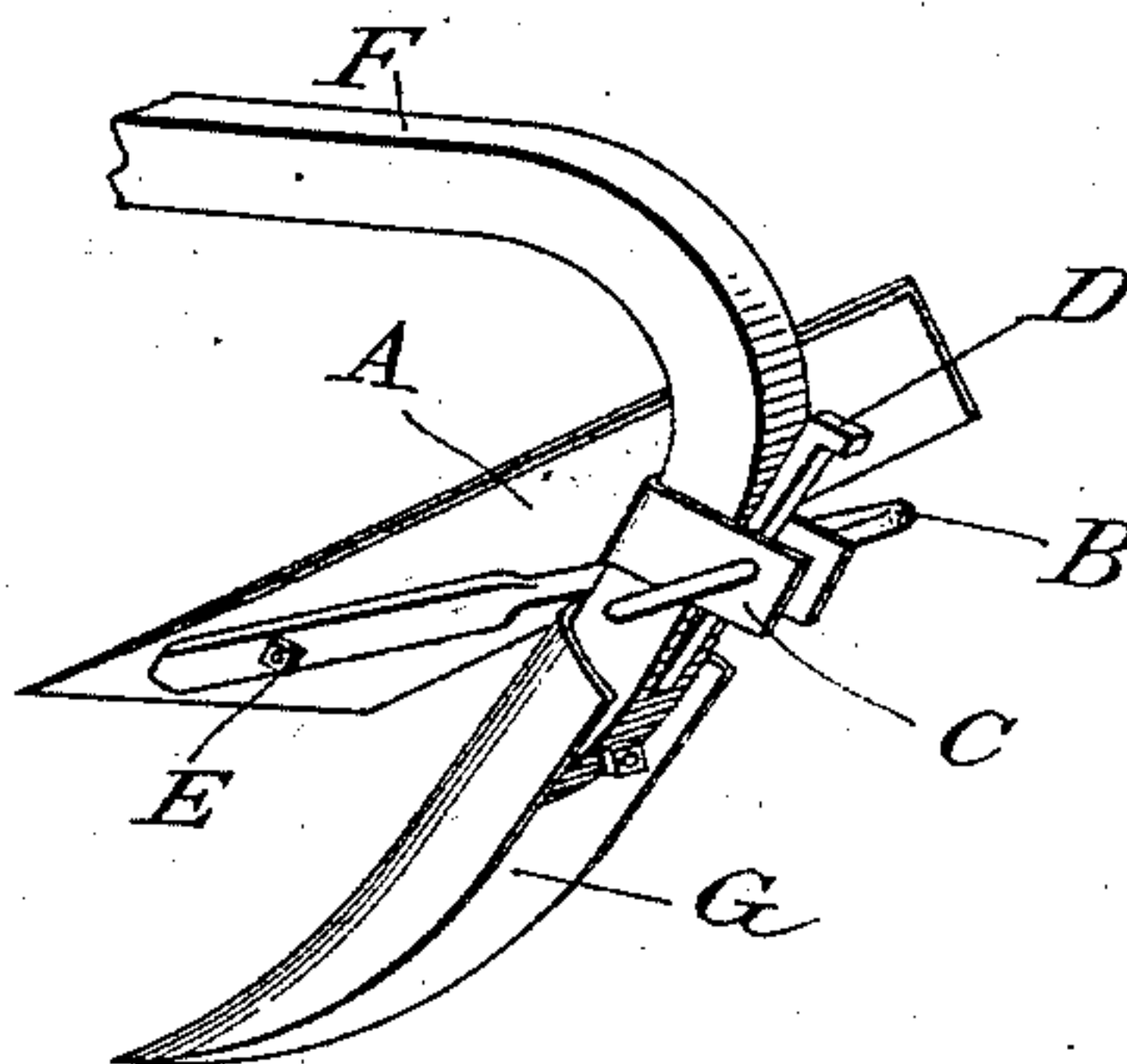


Fig. 3.



Witnesses:
Ferdinand Schubert
Enoch C. Grisham.

Inventor:
Maurice Schubert
E. J. Fish
Atty.

UNITED STATES PATENT OFFICE.

MAURICE SCHUBERT, OF HIGGINSPOBT, OHIO, ASSIGNOR OF ONE-HALF TO
AUGUST MÜLLER, OF DOVER, KENTUCKY.

PLOW-FENDER.

SPECIFICATION forming part of Letters Patent No. 278,188, dated May 22, 1883.

Application filed November 11, 1882. (No model.)

To all whom it may concern:

Be it known that I, MAURICE SCHUBERT, a citizen of the United States, residing at Higginsport, in the county of Brown and State of Ohio, have invented a new and useful Plow-Fender, of which the following is a specification.

My invention relates to plow-fenders to be used on plows or cultivators in plowing tobacco and other crops to prevent the clods and dirt from covering the leaves and plants; and the objects of my improvements are, first, to provide a fender that will, in plowing tobacco, raise the lower leaves up over the shovels, besides preventing the clods from rolling onto the plants, thereby permitting the plow to run near to the plants without danger of burying the leaves, and thus dispensing with the labor of uncovering it; second, to provide devices by which the fender may be readily attached to any ordinary shovel-plow; and, third, to afford suitable facilities for adjusting the fender vertically, horizontally, obliquely, and laterally, according to the depth of the plowing, the quantity of dirt to be given the plants, the inclination of the fender desired, and the width of the shovel. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a representation of a top or plan view of my fender and appendages as it stands when in position for working. Fig. 2 is a side elevation of the fender, also in working position; and Fig. 3 is a detailed view, in perspective, of the fender attached to the stock of a plow standing in operating position.

Similar letters refer to similar parts throughout the several views.

In the drawings, A is the fending-board, which may be made by cutting off diagonally one end of a rectangular strap of iron of proper width and thickness, the diagonal edge forming the bottom or foot and the longer longitudinal edge forming an inclined plane which raises the leaves of the tobacco as it moves along. This fending-board, when made of thin metal, should have its upper edge bent or turned over, as shown in Fig. 3, in order to prevent it from cutting the leaves, and also to strengthen it.

B is a supporting-arm, of such form that the part which comes in contact with the fend-

ing-board A, to which it is secured by the bolt E, shall be parallel to the side of said fending-board, and the part that comes in contact with the clamp C shall be perpendicular to the side of the fending-board. This end of the arm is round, so as to pass through the holes in the clamp C, which clamp secures the arm to the stock of the plow by means of a key, D, forced in between the arm and the stock of the plow within the jaws of the clamp, as shown.

F and G, being the stock and shovel of a plow, form no part of my invention. They are shown in the drawings to show the connection only.

By this construction and arrangement it will be observed that the fending-board A may be readily adjusted on the arm B, thereby changing its inclination. The arm may be adjusted in the clamp C by turning it to change its inclination, and by drawing either way to change the distance from the plow to the fending-board; and the clamp may be adjusted vertically on the plow to change the elevation of the fender, and by having two or more holes in the fending-board for the reception of the bolt E the fending-board may be adjusted horizontally, thereby permitting a greater or less quantity of dirt to pass through under the fending-board to the row.

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

1. The combination of the fender A, inclined obliquely downward at the front, with the arm B, clamp C, key D, and plow F G, substantially as described.

2. A plow-fender, A, of a generally rectangular shape and having its lower end cut diagonally, and thus forming, when set in position by means of the right-angled arm, to which it is secured to the plow-beam, a suitable bottom or foot, said fender being adjustable vertically, laterally, obliquely, and horizontally, all substantially as shown and described.

In testimony that I claim the foregoing I have hereunto subscribed my name.

MAURICE SCHUBERT.

Witnesses:

FERDINAND SCHUBERT,
HAMLIN N. CREEKBANN.