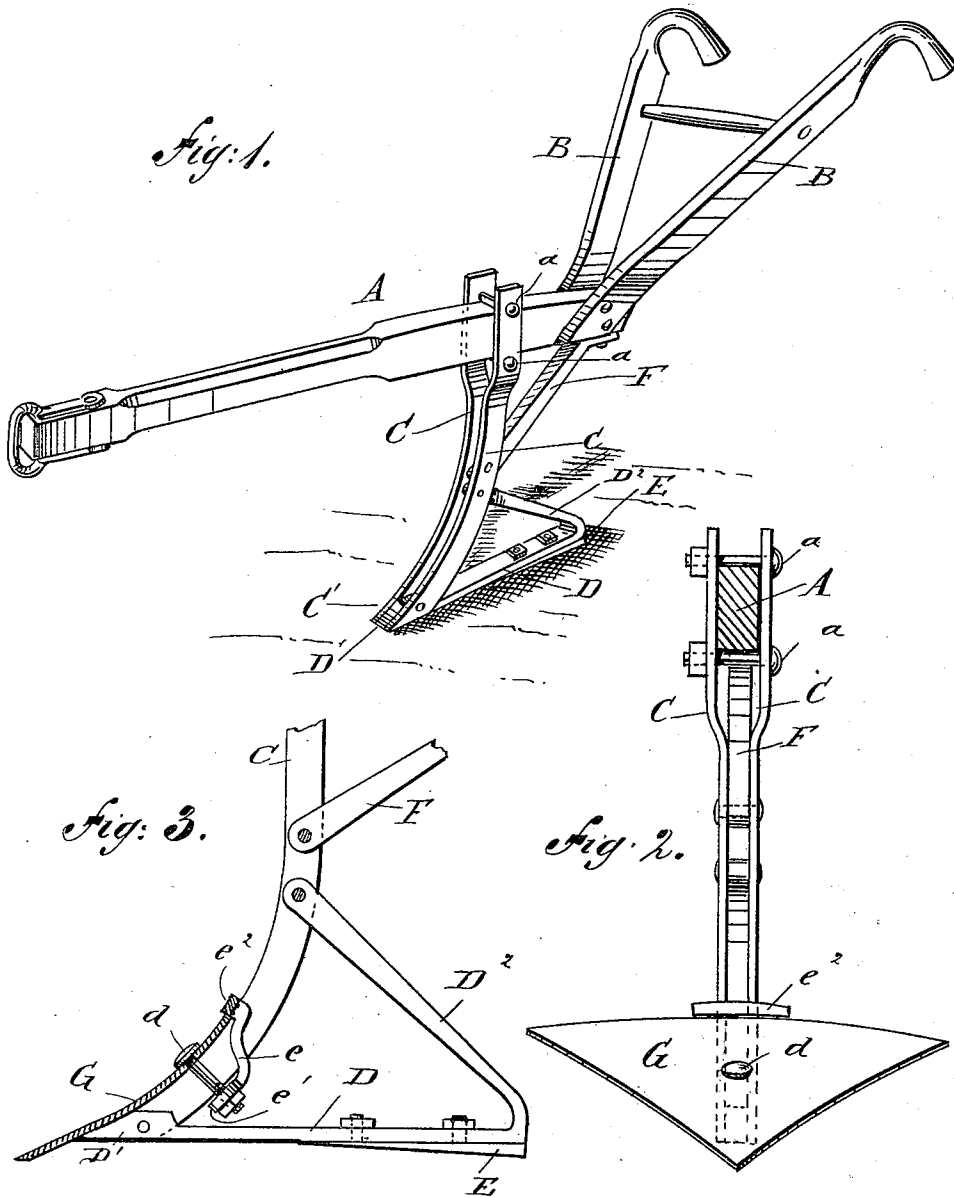


(No Model.)

W. B. BROWN.
FOOT FOR PLOW STOCKS.

No. 451,298.

Patented Apr. 28, 1891.



WITNESSES:

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UNITED STATES PATENT OFFICE.

WILLIAM B. BROWN, OF HEADSVILLE, TEXAS.

FOOT FOR PLOW-STOCKS.

SPECIFICATION forming part of Letters Patent No. 451,298, dated April 28, 1891.

Application filed July 10, 1890. Serial No. 358,235. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM B. BROWN, of Headsville, in the county of Robertson and State of Texas, have invented a new and Improved Foot for Plow-Stocks, of which the following is a full, clear, and exact description.

My invention relates to improvements in plows; and the object of my invention is to produce a plow-stock foot of few parts that will be strong and durable, but that will be light and easy to handle, and that will be very efficient in operation.

To this end my invention consists of a plow-stock foot constructed substantially as hereafter described and claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of a plow having a foot embodying my invention with the plow-point removed. Fig. 2 is a front elevation of the same with the plow-beam shown in section; and Fig. 3 is a broken detail side view showing the manner of attaching the plow-point to the plow-foot, the plow-point being shown in vertical section.

The beam A and handles B are of the usual construction, and depending from the beam is a plow-standard consisting of the two parallel bars C, which are curved forwardly and terminate in points C', the upper end of the standard being clamped to the plow-beam by the bolts a, which extend through the bars C above and below the plow-beam. Fixed between the bars C and at the lower portion thereof is an angular heel D, having its forward end terminating in a point D' and fixed between the lower extremities of the bars C, the body of the heel extending rearwardly from the standard in a horizontal position, and the heel having an upwardly-extending brace D², which is fixed between the bars C. A shoe or wear-plate E, which is preferably made of steel, is securely bolted to the under side of the heel D.

Pivoted between the bars of the standard above the brace D² of the heel D is a brace F, which extends rearwardly and is fixed to the rear end of the plow-beam A. A shovel-point G, which is of triangular shape, like the ordinary shovel-point, although any plow having a heel-bolt hole may be used, is fixed to the lower front portion of the standard

and extends below the same. The point G is attached to the standard by the bolt d and brace e. The bolt d is provided with a suitable head and nut and projects through the upper portion of the point G and between the bars C. The brace e extends between the bars C above the bolt d, and is provided at its lower end with an enlarged perforated portion e', through which the bolt d passes, and its upper end terminates in a laterally-extending portion e², which extends across the front portion of the standard, and thus holds the brace in position, the lower edge of the brace resting upon the upper portion of the point G. It will thus be seen that the bolt d and brace e have sufficient vertical play, so that a plow-point of any reasonable size having a hole therein may be easily attached to the standard.

To adjust and regulate the depth at which the plow is to run, the bolts a, by which the standard is clamped to the beam, are loosened and the standard moved along the beam, either forward or backward, according to whether the plow is to run deep or shallow, after which the bolts are tightened. The brace F being pivoted between the bars C of the standard turns upon its pivot during the adjustment of the standard. The plow is thus adapted to be used on every and all kinds of soil; and while I have shown it provided with a shovel-point G it is evident that it may be provided with any suitable point. It is obvious, too, that the plow-point and its supports may be used as a cultivator as well as a plow.

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

In a plow, the combination of two forwardly-curved bars C, adapted to be clamped to a plow-beam, and the heel D, having its forward end rigidly secured between the lower ends of the bars and its rear portion bent upwardly and forwardly and secured between the said bars, substantially as herein shown and described.

WILLIAM B. BROWN.

Witnesses:

his
A. I. X BROWN,
mark
C. B. WEIR.