

(No Model.)

F. EMERSON, J. J. & J. L. FAIRES & J. R. CUMMINS.
PLOW.

No. 318,096.

Patented May 19, 1885.

Fig. 1.

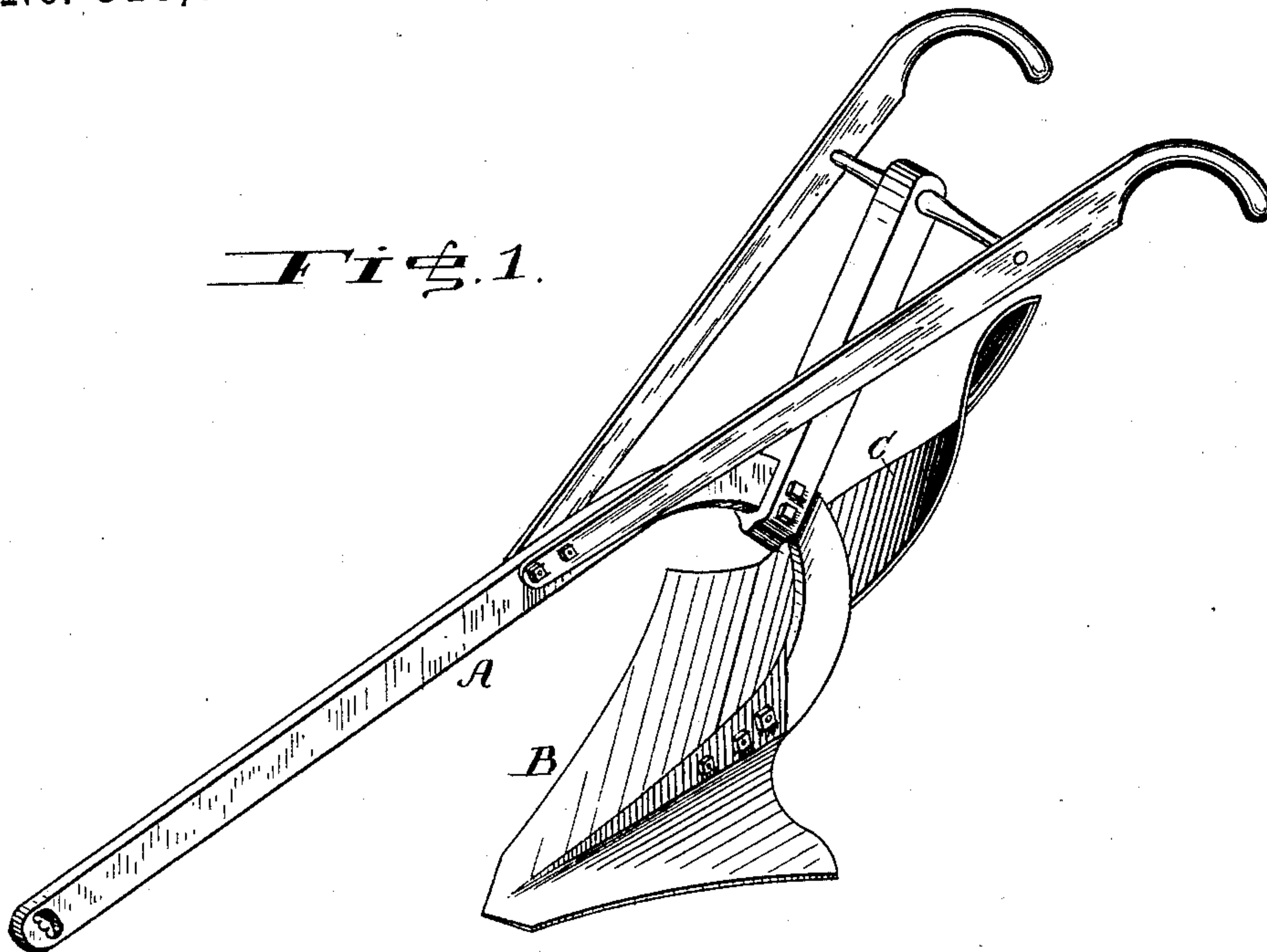
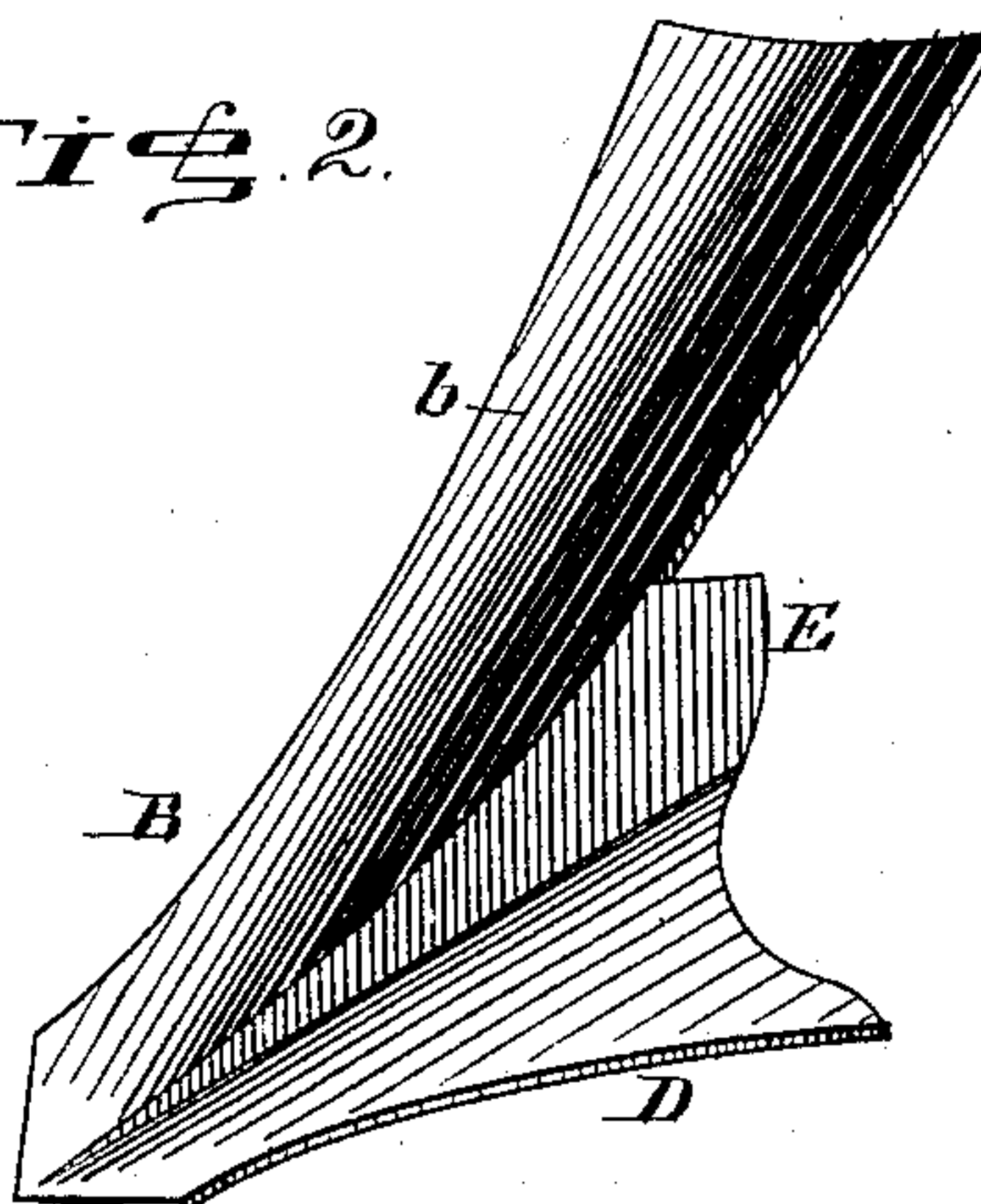


Fig. 2.



WITNESSES

C. T. Bell

Oscar Kauck

INVENTORS

*Francis Emerson, Joseph J. Faires,
Jonathan Lee Faires and
John R. Cummins*

By Paine & Lord,

Attorneys.

UNITED STATES PATENT OFFICE.

FRANCIS EMERSON, JOSEPH J. FAIRES, JONATHAN LEE FAIRES, AND JOHN R. CUMMINS, OF MCKINNEY, TEXAS.

PLOW.

SPECIFICATION forming part of Letters Patent No. 318,096, dated May 19, 1885.

Application filed December 17, 1884. (No model.)

To all whom it may concern:

Be it known that we, FRANCIS EMERSON, JOSEPH J. FAIRES, JONATHAN LEE FAIRES, and JOHN R. CUMMINS, all citizens of the United States, residing at McKinney, in the county of Collin and State of Texas, have invented certain new and useful Improvements in Plows; and we do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

The object of our invention is to provide a plow specially adapted for use in rich, heavy soils; and our invention consists of the improved plow hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of a plow constructed according to our invention, and Fig. 2 is a detached view of the double-share point.

The plow beam, handles, and standard may be of any approved form. In the present case an iron plow-stock, A, is shown, the rear of which curves down and forms the plow-standard. The share B is a double share, made with the curved face *b* on the mold-board side, commencing at the point and curving upward slightly until it meets the edge of the mold-board C, and on the land side it is made with a straight, flat extension, D.

Between the two sides of the share there is a vertical face, E, which connects the horizontal flat land side face D with the curved mold-board face *b*. This vertical face comes in line with the land side edge of the mold-board C, and divides the share through the center. The extensions of the share on both sides of this center line are in their lateral extensions the same back to the rear end of the vertical face E, where the land-side extension terminates,

but the mold-board extension *b* continues back to the rear edge of the mold-board.

The mold-board and the share-point may be cast in one piece, or the share may be made separate, as is customary; and it can be attached to any of the common turning-plows by removing their share and landside and attaching our share by the same attachments.

It will be observed that there is no landside to the plow, the plowshare with the double cutting-edge producing a center draft without requiring a landside, which reduces the draft very materially.

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

1. A share for mold-board plows, having a curved face on the mold-board side and a flat horizontal extension on the other side, presenting practically a second mold-board, substantially as and for the purpose set forth.

2. A share for mold-board plows, having a curved face on the mold-board side, a flat horizontal extension on the land side, and a vertical central face along the central line of the same, substantially as and for the purpose set forth.

3. The combination, with the mold-board of a plow made without a landside, of a double share having the curved face on the mold-board side, a flat horizontal extension on the land side, and a vertical central face along the central line of the same, substantially as and for the purpose set forth.

In testimony whereof we affix our signatures in presence of two witnesses.

FRANCIS EMERSON.
JOSEPH J. FAIRES.
JONATHAN LEE FAIRES.
JOHN R. CUMMINS.

Witnesses:

T. H. EMERSON,
H. E. SMITH.