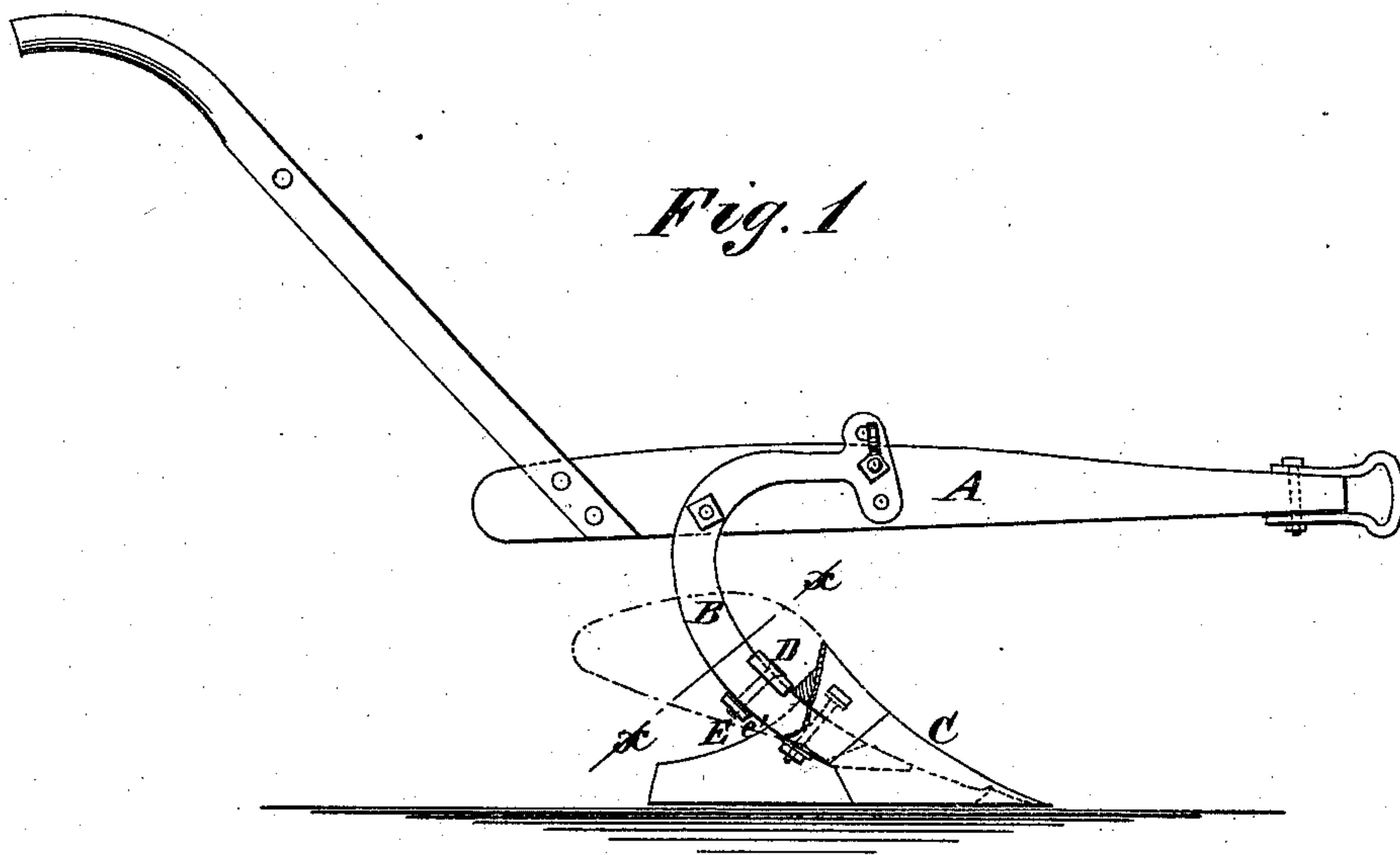


J. G. BLOUNT & E. HAIMAN.

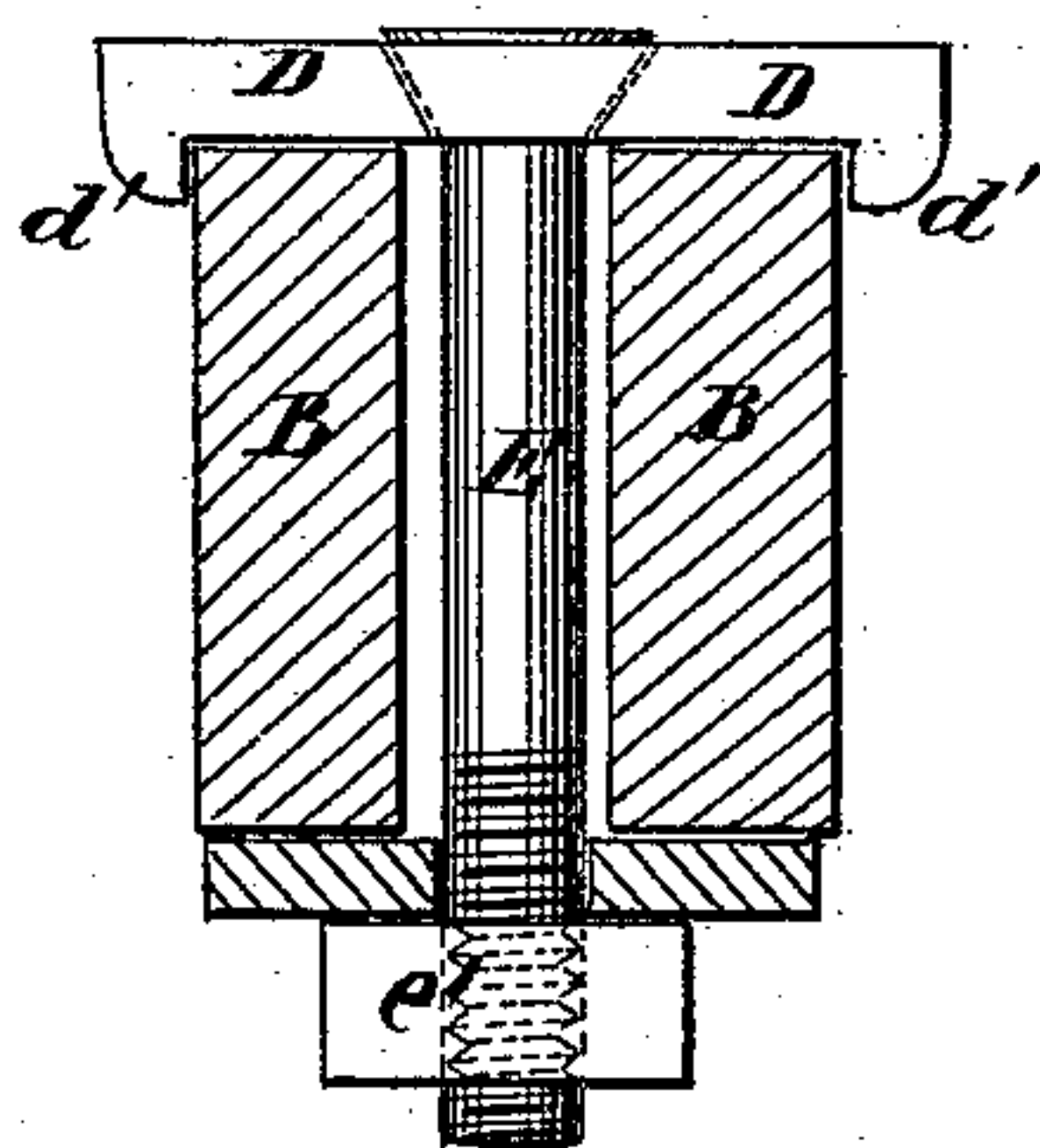
PLOW-SHOULDER.

No. 174,185.

Patented Feb. 29, 1876.



*Fig. 2*



WITNESSES:

*A. W. Amqvist*  
*Alex F. Roberts*

INVENTORS.

*J. G. Blount*  
*E. Haiman*  
BY *mm*  
ATTORNEYS.

# UNITED STATES PATENT OFFICE.

JOSEPH G. BLOUNT AND ELIAS HAIMAN, OF COLUMBUS, GEORGIA.

## IMPROVEMENT IN PLOW-SHOULDERS.

Specification forming part of Letters Patent No. 174,185, dated February 29, 1876; application filed November 6, 1875.

*To all whom it may concern:*

Be it known that we, JOSEPH G. BLOUNT and ELIAS HAIMAN, of Columbus, in the county of Muscogee and State of Georgia, have invented a new and useful Improvement in Adjustable Plow-Shoulders, of which the following is a specification:

Figure 1 is a side view of our improved device shown as applied to a plow-standard; and Fig. 2 is a cross-section of the same, taken through the line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish a shoulder for the upper end of the plow-plate to rest against, which may be adjusted as a longer or shorter plow-plate is used, or as the plow-plate wears away.

The invention consists in the combination of an adjustable shoulder with a plow-standard to support the upper end of a plow-plate, as hereinafter fully described.

A represents a plow-beam. B represents a plow-standard, and C a plow-plate. The standard B is made double or with a longitudinal slot in it, through which is passed the bolt that secures the plow-plate C to said standard. D is a small plate a little wider than the standard B, and having flanges *d'* formed upon the end parts of its rear side to overlap the sides

of the standard B, as shown in Fig. 2. The plate or shoulder D is secured to the standard B by a bolt, E, which passes through the slot of the standard B, and has a nut, *e'*, screwed upon its end. The head of the bolt E is countersunk into the plate D, so as to leave the face of the said plate smooth.

By this construction, by loosening the nut *e'*, the plate D may be so adjusted that its lower edge may bear squarely against the upper edge of the plow-plate, and serve as a shoulder for supporting the said plow-plate firmly in place.

The form of the adjustable shoulder D may be varied, as the form of the plow-standard and of the plow-plate may require, without departing from our invention.

We are aware that an adjustable shoulder is not, broadly, new; but

What we claim is—

The combination of slotted standard B B, the plate D, having flanges *d' d'*, the bolt E, having its head countersunk in plate D, and the nut *e'* with a plow-plate, C, secured by its own bolt, as and for the purpose specified.

J. G. BLOUNT.

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Witnesses:

S. STERN,

CLIFF. B. GRIMES.