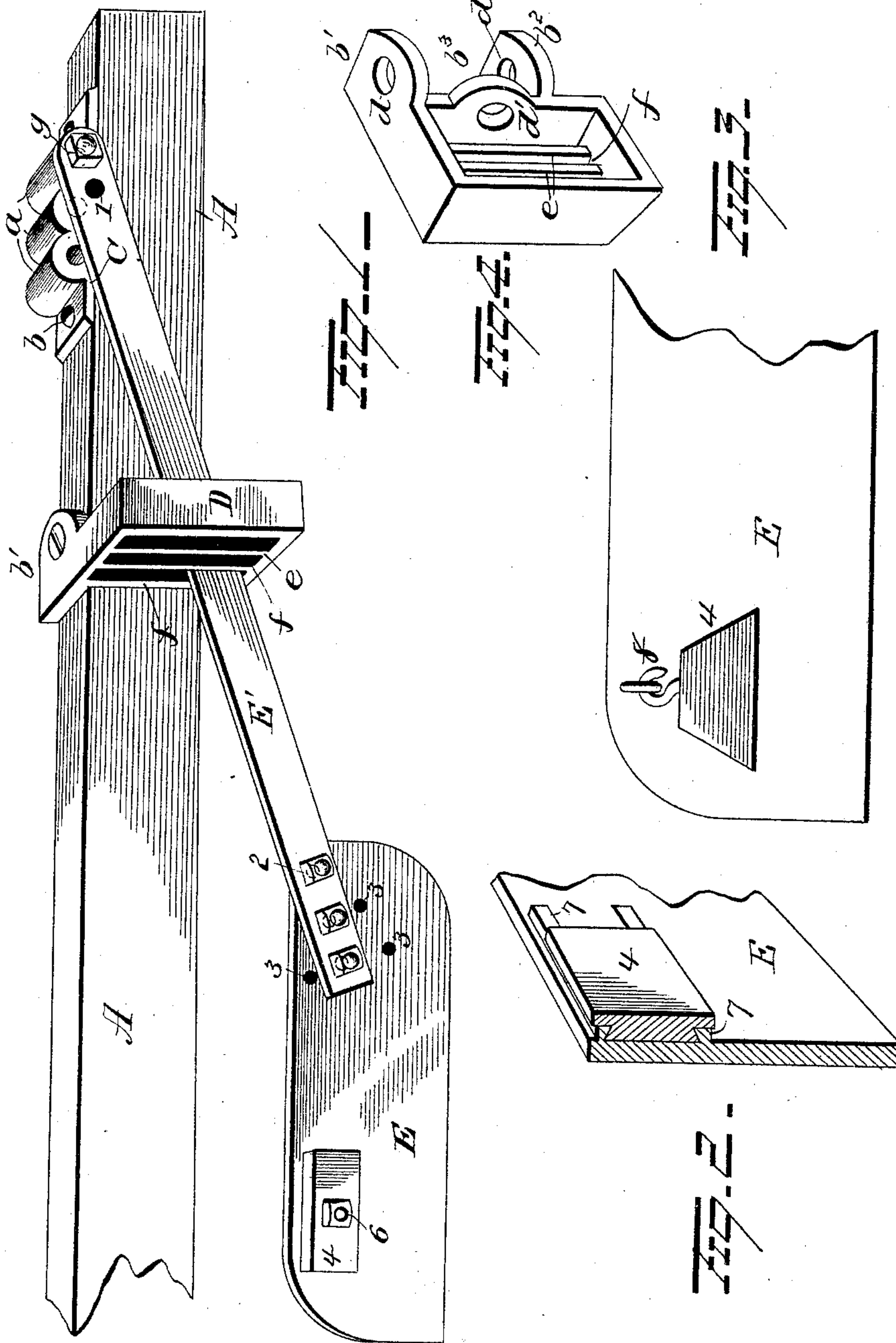


(No Model.)

R. JEFFERSON.  
PLOW FENDER.

No. 458,659.

Patented Sept. 1, 1891.



Witnesses  
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# UNITED STATES PATENT OFFICE.

ROLLIN JEFFERSON, OF COLUMBUS, GEORGIA.

## PLOW-FENDER.

SPECIFICATION forming part of Letters Patent No. 458,659, dated September 1, 1891.

Application filed May 14, 1891. Serial No. 392,758. (No model.)

*To all whom it may concern:*

Be it known that I, ROLLIN JEFFERSON, a citizen of Columbus, in the county of Muscogee and State of Georgia, have invented certain new and useful Improvements in Plow-Fenders; and I 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.

My invention relates to an improvement in plow-fenders, its object being to so arrange the device that the fender-blade will be maintained in its proper position, and to provide for the adjustment of said blade.

With this object in view the invention consists in the combination, with a plow-fender, of a weight attached thereto; and the invention also consists in certain novel features of construction and combinations and arrangements of parts, as hereinafter set forth, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a perspective view of a plow-beam illustrating my improvements applied thereto. Figs. 2 and 3 are views of modifications.

A represents a plow-beam, to which a plate C, having a series of perforations or perforated bosses *a*, said plate being secured to the plow-beam just in rear of the clevis by means of suitable fastening devices *b*. Located in rear of the plate C and adapted to be secured to the side of the beam A is a bracket D, said bracket being provided with arms or ears *b'* *b*<sup>2</sup> *b*<sup>3</sup>, the arms or ears *b'* *b*<sup>2</sup> being adapted to lie parallel with the top and bottom faces of the beam A and provided with perforations *d* for the reception of suitable fastening devices, while the arm or ear *b*<sup>3</sup> is adapted to lie flat against the side of the beam and is provided with a perforation *d'* for the reception of a suitable fastening device. The bracket D comprises a rectangular frame having a series of vertical bars *e* to produce elongated openings *f*. A fender E is adapted to be located in proximity to the plowshare, and is connected by an arm E' with one of the perforated bosses *a* of the plate C, said arm being secured to said plate

by means of a suitable bolt *g*, and adapted to pass through one of the openings of the bracket D. At the forward end of the arm E' said arm is provided with a series of perforations 1, whereby said arm may be readily adjusted relatively to the bosses of the plate C. At the rear end of the arm E' the fender is provided with a series of perforations 2, whereby the fender-blade E may be adjusted relatively to the arm E'. Perforations 3 are made in the fender-blade E above and below the rear perforation 2. By this means the blade may be adjusted relatively to the arm E', whereby said fender-blade may be raised or lowered.

It is found in practice that the fender-blade will not of its own weight always remain in its proper position, and to remedy this defect a weight 4 is connected to the fender-blade, preferably in proximity to its rear end. This weight may be attached to the blade in a variety of ways. For instance, it may be attached, as shown in Fig. 1—that is to say, a perforation is made in the blade in proximity to its rear end for the reception of a bolt 6, by means of which the weight will be secured to the blade. In lieu of this means of securing the weight to the blade guides 7 may be formed on the blade for the reception of the weight, as shown in Fig. 2, or the weight may be provided with a hook 8, as shown in Fig. 3, and hooked to the fender-blade. By this means the blade will be maintained in its proper position.

It is found preferable in practice to attach the arm E' to the fender-blade E by means of bolts instead of rivets. By this means the fender is made reversible—that is to say, so that it may be readily located at either side of the plow-beam at will.

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

1. The combination, with a plow-beam or other support, of a weighted fender pivotally attached to the beam or support and a bracket having openings therein through which the fender passes, substantially as set forth.

2. The combination, with a plow-beam or



other support, of a weighted fender, means  
for pivotally connecting the latter with the  
plow-beam or support at different points, and  
a bracket provided with a series of parallel  
5 slots adapted to receive the fender and per-  
mit it to vibrate, substantially as set forth.

In testimony whereof I have signed this

specification in the presence of two subscrib-  
ing witnesses.

ROLLIN JEFFERSON.

Witnesses:

R. A. STRONG,  
F. M. BAGLEY.