

No. 676,595.

Patented June 18, 1901.

F. L. WALKER.  
PLOW FENDER.

(Application filed May 11, 1901.)

(No Model.)

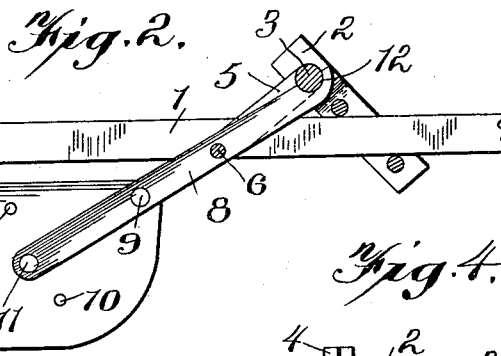
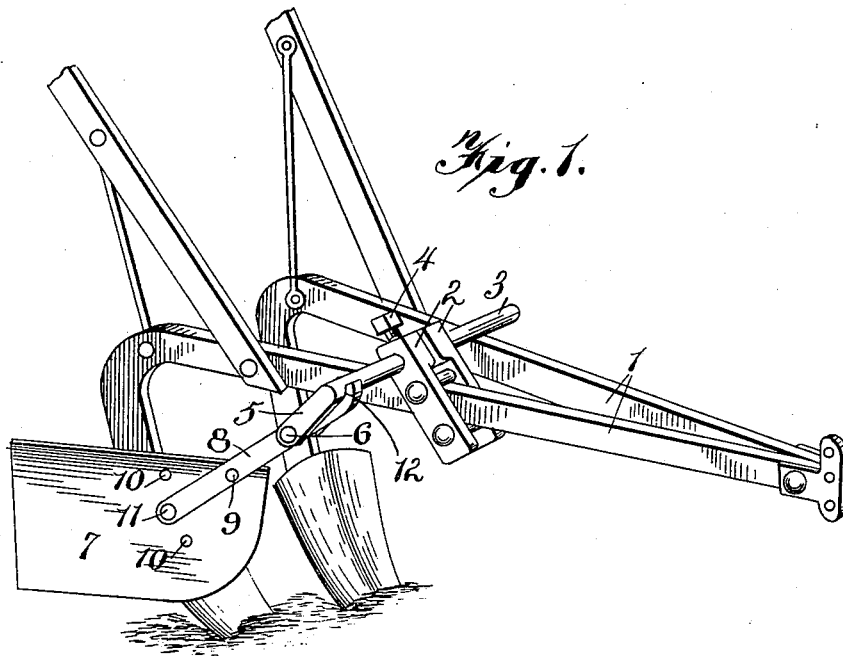


Fig. 4.

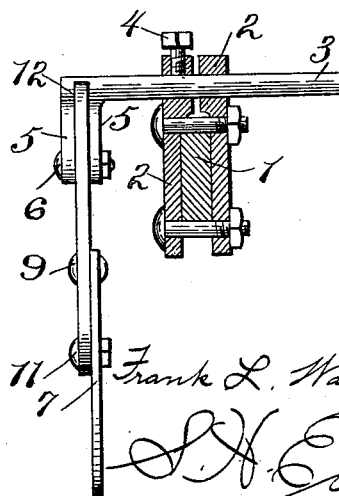
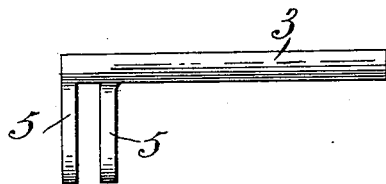


Fig. 3.



Witnesses

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# UNITED STATES PATENT OFFICE.

FRANK L. WALKER, OF CLOVERPORT, KENTUCKY.

## PLOW-FENDER.

SPECIFICATION forming part of Letters Patent No. 676,595, dated June 18, 1901.

Application filed May 11, 1901. Serial No. 59,780. (No model.)

*To all whom it may concern:*

Be it known that I, FRANK L. WALKER, a citizen of the United States, residing at Cloverport, in the county of Breckenridge and State of Kentucky, have invented new and useful Improvements in Plow-Fenders, of which the following is a specification.

My invention relates to improvements in plow-fenders, and pertains to a device which is adapted to prevent the loose dirt thrown up by the cultivator or plowshare from breaking or covering the plant which is being cultivated.

My invention can be readily adjusted to a right-hand or left-hand plow and is provided with means for regulating the inclination of the fender when attached to either high or low beam plows, all of which will be fully described hereinafter, and particularly pointed out in the claims.

In the accompanying drawings, Figure 1 is a perspective view of my invention attached to a cultivator. Fig. 2 is a longitudinal sectional view. Fig. 3 is a detail view of the cross-bar or supporting-rod. Fig. 4 is an end view of my invention, showing a section of the clamp.

Referring now to the drawings, 1 indicates the beam of a plow or cultivator; 2, an adjustable clip or clamp, consisting of two plates rigidly clamped at any desired point upon the plow-beam by means of two bolts, one passing above and the other below the beam.

3 is an arm extending transverse the plow-beam and passing through openings in the upper end of the clip and is adapted to be rigidly locked therein by means of a set-screw 4, which is screwed into a threaded opening in the upper end of the clip. The arm 3 is provided with two depending legs 5, with openings or eyes for receiving a bolt 6.

The numeral 7 designates the fender-plate, having an upwardly-extending arm or shank 8, which is attached thereto by means of a bolt or rivet 9. The upper end of the shank 8 passes between the depending legs 5 and is provided with an opening registering with the opening in the depending legs 5, through which passes the bolt 6, thus forming a pivotal connection with the arm 3. The free end of the shank 8 is provided with a recess

12 at the point of engagement with the under surface of the laterally-extending arm 3. The lower end of the shank 8 has an eye which registers with a series of openings 10 in the fender-plate, the bolt 11 serving to lock the shank, so as to adjust the inclination of the blade as desired.

It will be seen from the above description that I provide a fender which is adapted to work on right or left hand plows or cultivators. The arm 3 being laterally adjustable, the fender-blade can be set any desired distance from the plow. The pivotal pin permits the blade to ride over clods or other obstacles, and should it be desired to throw the dirt against the plant or temporarily discontinue the use of the fender the blade can be raised until the shank 8 will rest on the upper edge of the rod 3 without the necessity of removing the fender from the plow.

I illustrate my invention as attached to a plow of medium height. When attached to a low-beam plow, the lower end of the arm 8 should be connected with the upper opening 10 and for a high beam with the lower opening. Thus when adjusted to plows of different heights the fender will always ride in a plane normally parallel with the plow-beam, as will be readily understood.

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

1. The combination of the clamp 2 having a transverse opening, the arm 3 passing there-through, depending legs pivotally connected to the shank 8, pivotal pin 6, the fender-blade pivotally connected to the lower end of the shank 8, substantially as described.

2. The combination of the fender consisting of clamp 2, set-screw 4 passing through a threaded opening in the top of said clamp, depending arms 5, plate 7, shank 8 pivotally connected with the upper portion of the fender-blade, the openings 10, bolt 11 adapted to pass through any one of the said openings and locking the shank 8 therein, the recess 12 engaging the under surface of the rod 3, substantially as described.

3. In a plow-fender, a clamp, a laterally-adjustable arm with depending legs, a fender-plate provided with an upwardly-extending shank pivotally connected with the de-

pending legs, a series of openings in the said  
plate, a locking-bolt securing the lower end  
of the shank to the plate, the plate adapted  
to ride in a plane normally parallel with the  
5 beam of different-height plows, the fender  
adapted to be thrown out of operation, sub-  
stantially as described.

In testimony whereof I affix my signature  
in presence of two witnesses.

FRANK L. WALKER.

Witnesses:

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