

S. L. PENNY.
 PLOW FENDER.
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985,627.

Patented Feb. 28, 1911.

Fig. 1.

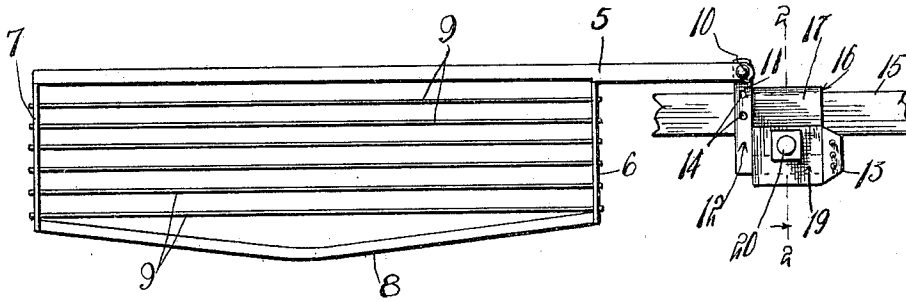


Fig. 4.

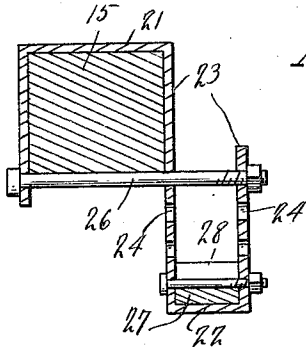


Fig. 2.

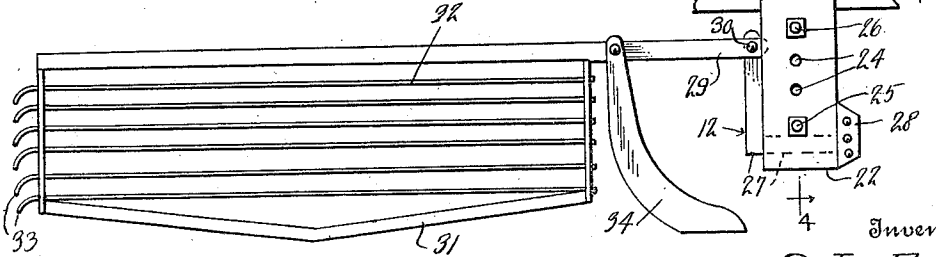
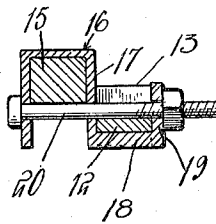


Fig. 3.

Witnesses
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UNITED STATES PATENT OFFICE.

STANCIL L. PENNY, OF LAURINBURG, NORTH CAROLINA.

PLOW-FENDER.

985,627.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, STANCIL L. PENNY, a citizen of the United States, residing at Laurinburg, in the county of Scotland, State of North Carolina, 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.

This invention relates to improvements in plow fenders and the leading object of the invention is to provide a fender which is adapted to ride along the ground and which is provided with a simple clamping device for adjustably and pivotally supporting the same on a plow beam.

With the above and other objects in view the invention consists in certain constructions, combinations and arrangements of parts, clearly described in the following specification and clearly illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation showing the improved fender applied to a plow. Fig. 2 is a detail transverse sectional view taken on the line 2—2 of Fig. 1. Fig. 3 is a side elevation of a modified construction. Fig. 4 is a vertical sectional view taken on the line 4—4 of Fig. 3.

Referring to the accompanying drawings, 5 denotes the upper or supporting bar of the fender, which has secured thereto depending fender members 6 and 7, the fender member 6 being secured at some distance from the attached end of the bar 5 and the fender member 7 being secured to the rear end of said bar 5. A bowed ground contacting member 8 is secured by its end to the lower terminals of the fender members 6 and 7 and above said bowed ground contacting member 8 and below the supporting bar 5 wire rods 9 are arranged, said rods being fastened by their ends to the vertical fender members 6 and 7.

The inner end of the bar 5 is formed with an opening through which the pivot 10 is passed. The pivot 10 also passes through the vertical arm 11 of the supporting bracket 12, which bracket is formed on one end with a head piece 13. The vertical arm 11 of the bracket 12 is formed with three longitudinally spaced openings 14 whereby the supporting bar 5 may be adjustably secured.

The bracket 12 is secured to the beam 15 by means of a clamp 16. The clamp 16 is formed with a U-shaped beam engaging portion 17 which is adapted to be placed astride the beam 15 with the lower part of said U-shaped portion depending below the beam. The clamp 16 is also formed with an extension 18 terminating in a vertical flange or bar 19. A clamping bolt 20 is passed through the clamp 16 and under the beam 15 so that the bracket 12 will be securely held to said beam 15.

The improved fender can be readily secured to any plow beam and when in use will effectively protect plants along the line of cultivation.

Referring to Figs. 3 and 4 of the drawings 21 denotes a clamping member formed U-shaped and adapted to be placed astride the plow beam 15. The clamping member 21 is formed with a depending U-shaped terminal 22, the sides 23 of which are formed with vertical spaced registering openings 24 through which the bolt 25 can be passed. The clamping member 21 is secured to the beam 15 by means of the bolt 26 which passes through alining openings formed in the said member 21 and in the outer side 23 of the U-shaped terminal 22. The bolt 25 is adapted to hold the lower end 27 of the bracket 12 which is provided with the head-piece 28 similar to the head-piece 13. On the upper end of the bracket 12 the bar 29 is pivoted by the bolt 30. The bar 29 supports a fender frame 31 which is formed similar to the fender frame 8 and which is provided with the horizontal fender bars 32 having curved rearward ends 33 the fender bar 29 supports a cotter knife 34 located forwardly of the fender frame 31. By means of the vertically spaced openings 24 of the U-shaped terminal 22 the bracket 12 can be supported at different elevations and the fender frame 31 consequently held in different positions with relation to the plow beam 15.

What is claimed is:—

A fender plow comprising a supporting bar having depending end fender members secured thereto, a bowed ground contacting member secured by its ends to the lower terminals of the fender members, wire rods secured by their ends to the fender members, an L-shaped bracket pivotally secured to the inner end of the supporting bar, and a beam

clamp secured to said bracket, said beam
clamp comprising an inverted U-shaped
beam straddling portion, and a lateral ex-
tension adapted to receive one arm of the
5 bracket, and a clamping bolt extending
through the inverted portion and the ex-
tension thereof.

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

STANCIL L. PENNY.

Witnesses:

C. D. McCORMICK,
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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."