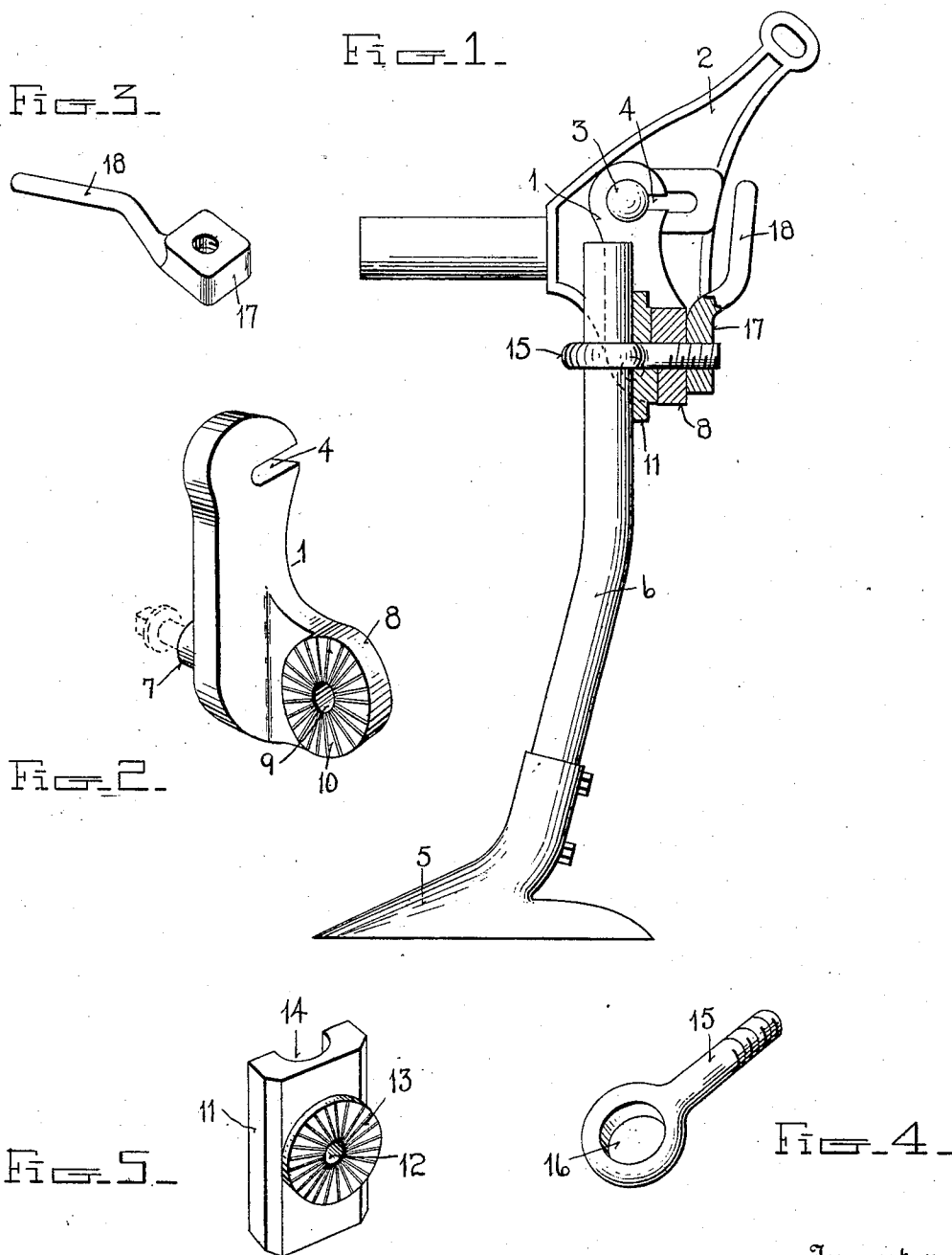


No. 856,237.

PATENTED JUNE 11, 1907.

C. L. FERRIOTT.  
CULTIVATOR FOOT.

APPLICATION FILED JAN. 17, 1907.



Witnesses  
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# UNITED STATES PATENT OFFICE.

CHARLES L. FERRIOTT, OF TEMPLE, TEXAS.

## CULTIVATOR-FOOT.

No. 856,237.

Specification of Letters Patent.

Patented June 11, 1907.

Application filed January 17, 1907. Serial No. 352,755

*To all whom it may concern:*

Be it known that I, CHARLES L. FERRIOTT, a citizen of the United States, residing at Temple, in the county of Bell and State of Texas, have invented certain new and useful Improvements in Cultivator-Feet; and I do 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 cultivator attachments and more particularly to that class of such devices which are adapted for adjusting the foot or standard to the lower end of which the plow or other cultivating implement is secured.

It has for its object to produce adjusting mechanism by means of which the tool or implement at the bottom of the standard can be always made to run in a straight line and thereby perform its work effectively.

In the accompanying drawings, which illustrate the invention—Figure 1 is a side elevation, partly in section, of the parts of a cultivator to which the invention is particularly applicable; and Figs. 2, 3, 4 and 5 are perspective detail views of the parts of my invention detached.

Referring more particularly to the drawings, which are for illustrative purposes only and are therefore not drawn to scale, 1 indicates the base or main portion of my attachment, which is adapted to be secured to the side of the cultivator support 2, as shown in Fig. 1. This base preferably consists of an elongated piece or block of metal having substantially flat sides adapted to be held against the side of the support 2 by means of a bolt 3 which passes through its upper end, the opening being preferably formed into a slot 4 with its rear end open so that in case the implement 5 at the bottom of the standard 6 should strike against an obstruction the base or block 1 will be rotated upon its pivot or main attaching point 7 and thereby prevent breakage of any of the parts. The lower end of the base 1 has a laterally-extending lip or flange 8, which is perforated substantially at its center, as shown at 9, and has its forward face preferably provided with ridges or corrugations 10.

Adjustably-mounted upon the seat 10 is a holding plate 11, which is centrally perforated, as shown at 12, and has its rear face provided with a seat 13, which is preferably corrugated and adapted to rest against the

seat 10. The forward face of the plate, which is preferably elongated, is grooved longitudinally, as shown at 14, for the reception of the upper end of the standard 6. The seat 10 is located at a sufficient distance from the adjacent face of the base 1 to permit of the rotation of the plate 11 thereon to secure the desired adjustment laterally of the lower end of the standard.

An eye-bolt 15 is adapted to be passed through the perforations 9 and 12 with the upper end of the standard passed through the eye 16 and a nut 17 secured upon its rear end, the nut being preferably provided with a handle 18 for turning it and drawing the parts together so firmly that the standard will be rigidly held in its desired position.

As above described it will be evident that my adjustable attachment can be quickly and rigidly secured to the side of the support 2 in the usual manner to give the standard the desired vertical position or adjustment. In case the support 2 or the standard 6 should be bent or sprung so as to cause the implement, as the plow 5, to be drawn out of its proper position the adjustment of the standard longitudinally, or to the front and rear, may be changed by means of the bolt 3 and its lateral position can be varied by unloosening the nut 17 and turning the seat 13 upon the seat 10 and then rigidly securing the parts in that position by tightening up the nut 17. Or, the vertical position of the standard and plow 5 may be varied relatively to the attachment by unloosening the nut 17 and slipping the upper end of the standard 6 up or down as the case may be and then rigidly securing them by means of the nut as heretofore described.

It is evident that changes in the form, shape and construction of the different parts can be made and I reserve the right to make all such variations as will come within the scope of my invention.

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

1. In an attachment for cultivators, a base provided with a laterally-extending perforated projection at one end and with an opening at the other, the forward face of said projection being provided with a corrugated seat, an elongated, perforated plate adjustably-mounted on said seat, the forward face of the plate being grooved longitudinally and the rear face being provided with a corru-

gated seat around said opening, and an eye-bolt through said plate and projection having its forward end provided with an eye for engaging with the standard of the cultivator, and a nut upon its rear end.

2. In a cultivator attachment, a base provided at its lower end with a laterally-extending perforated projection, the forward face of which is provided with a seat at a distance from the main portion of the base, an elongated, perforated plate having its forward end provided with a longitudinal groove and its rear face with a seat around said perforations having its forward end provided with an eye for the reception of the cultivator standard, and a winged nut upon the rear end of the bolt for rigidly securing said parts in an adjusted position.

3. In an attachment for cultivators, a base

having its upper end slotted and its lower end provided with a laterally extending projection upon one side and a pivot connection upon the opposite side, a perforated plate against the forward face of said projection, an eye-bolt through said perforation, the forward end of which is provided with an eye for the reception of the cultivator standard and the rear end with a handled nut for rigidly securing the standard in position, and a bolt through the slot in the upper end of the base.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

CHARLES L. FERRIOTT.

Witnesses:

E. F. LANHAM,  
H. K. ORGAIN.