

C. WILLIAMS.
CULTIVATOR FENDER.
APPLICATION FILED NOV. 26, 1906.

898,809.

Patented Sept. 15, 1908.

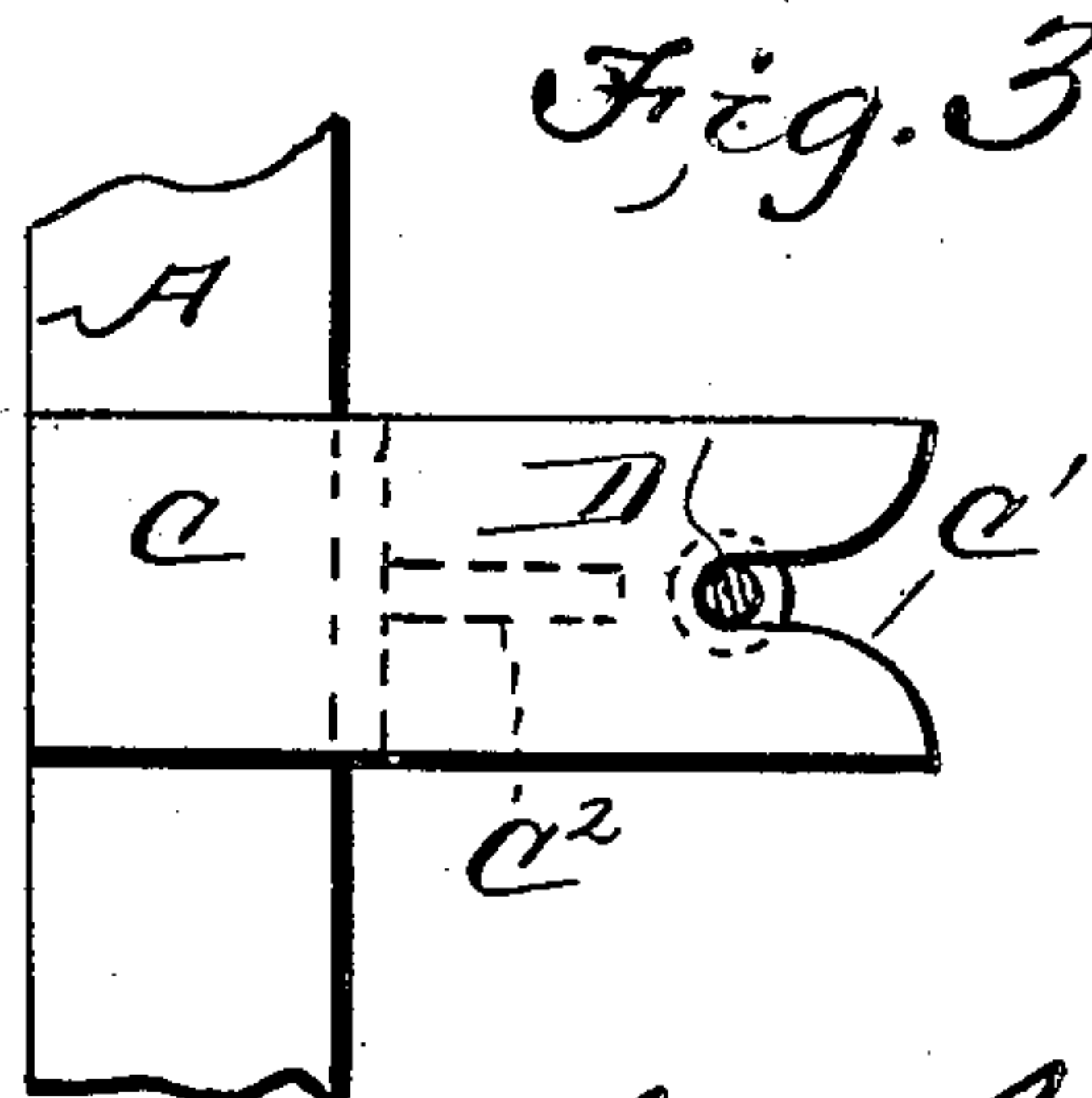
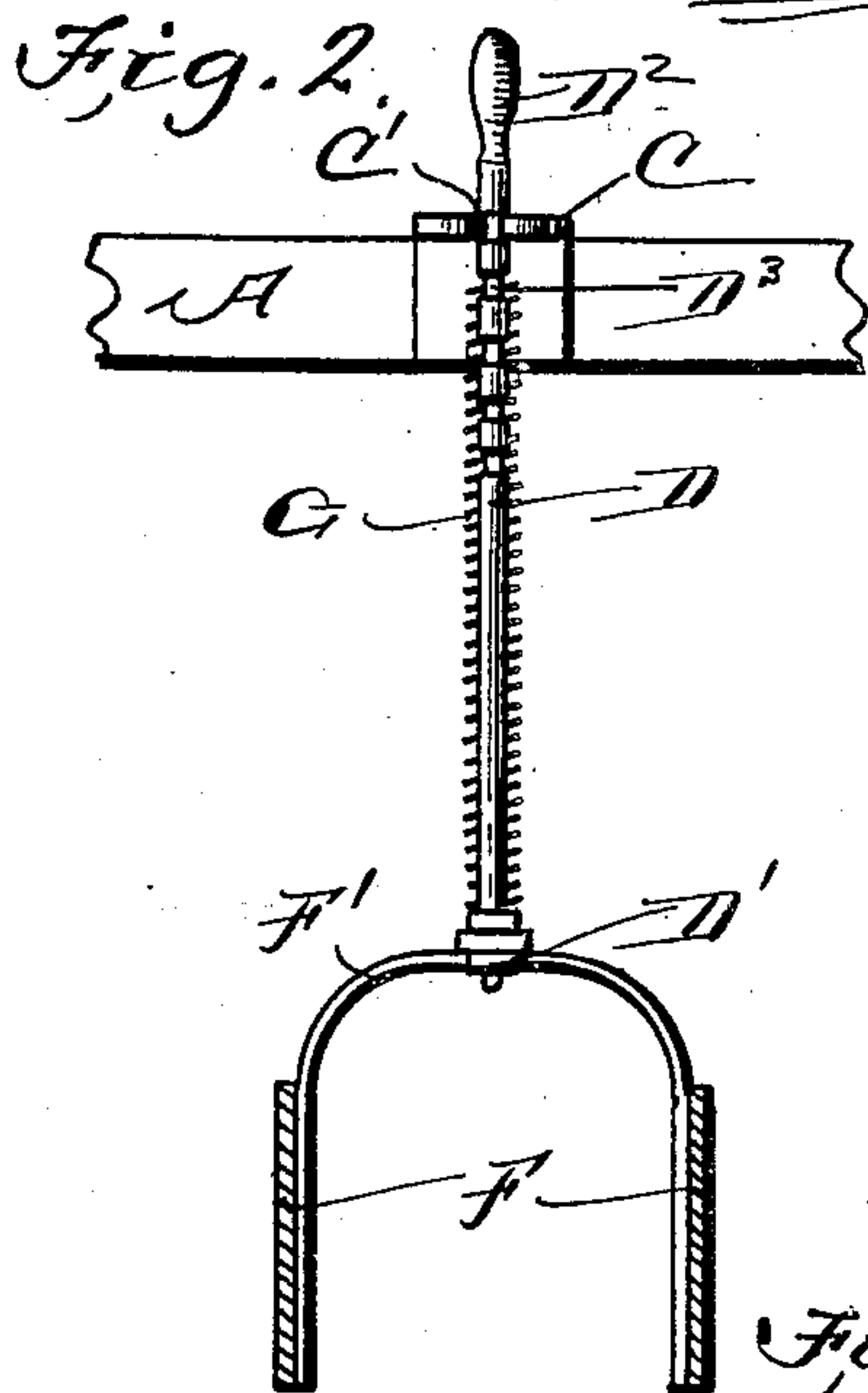
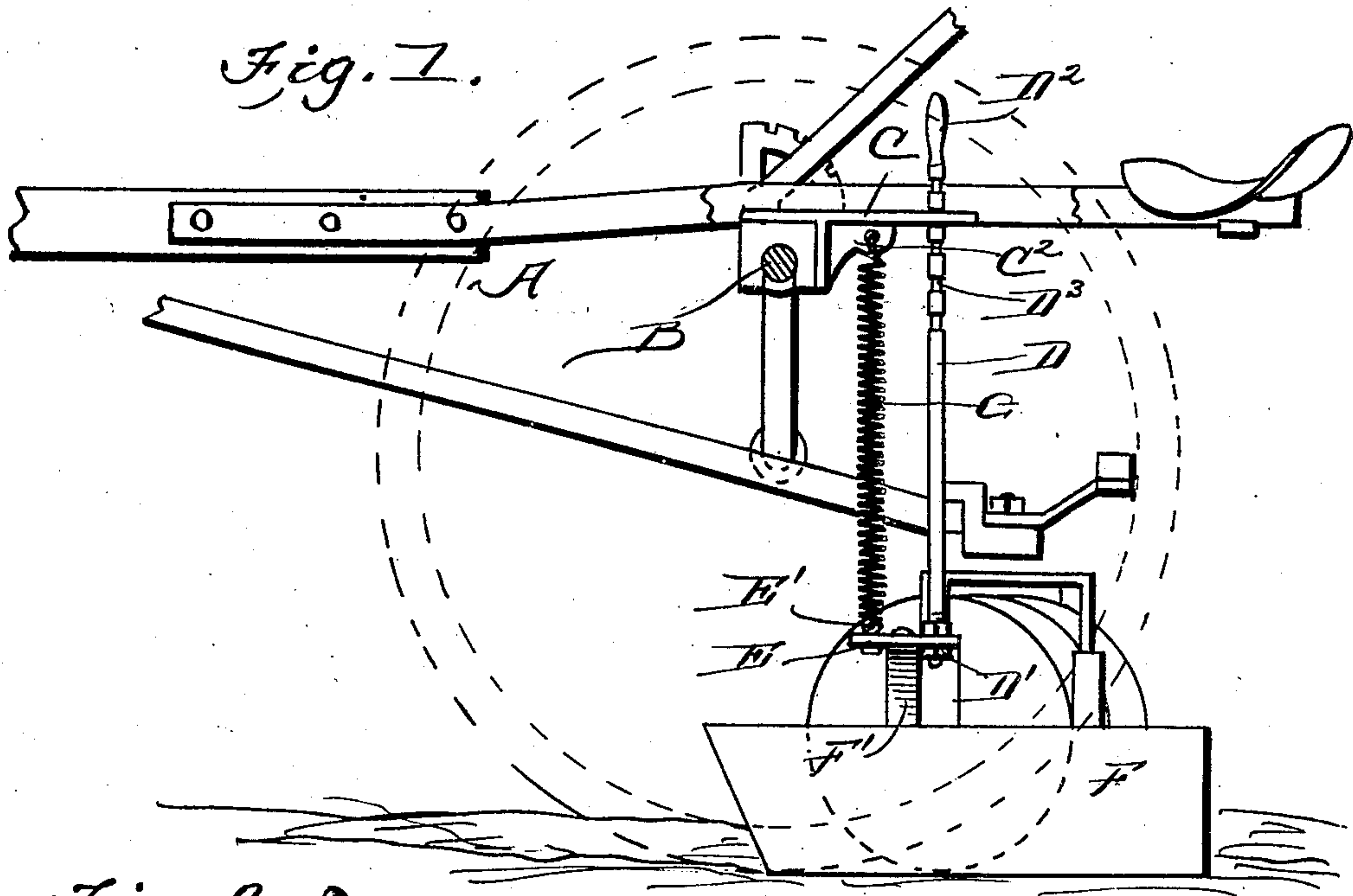


Fig. 4.

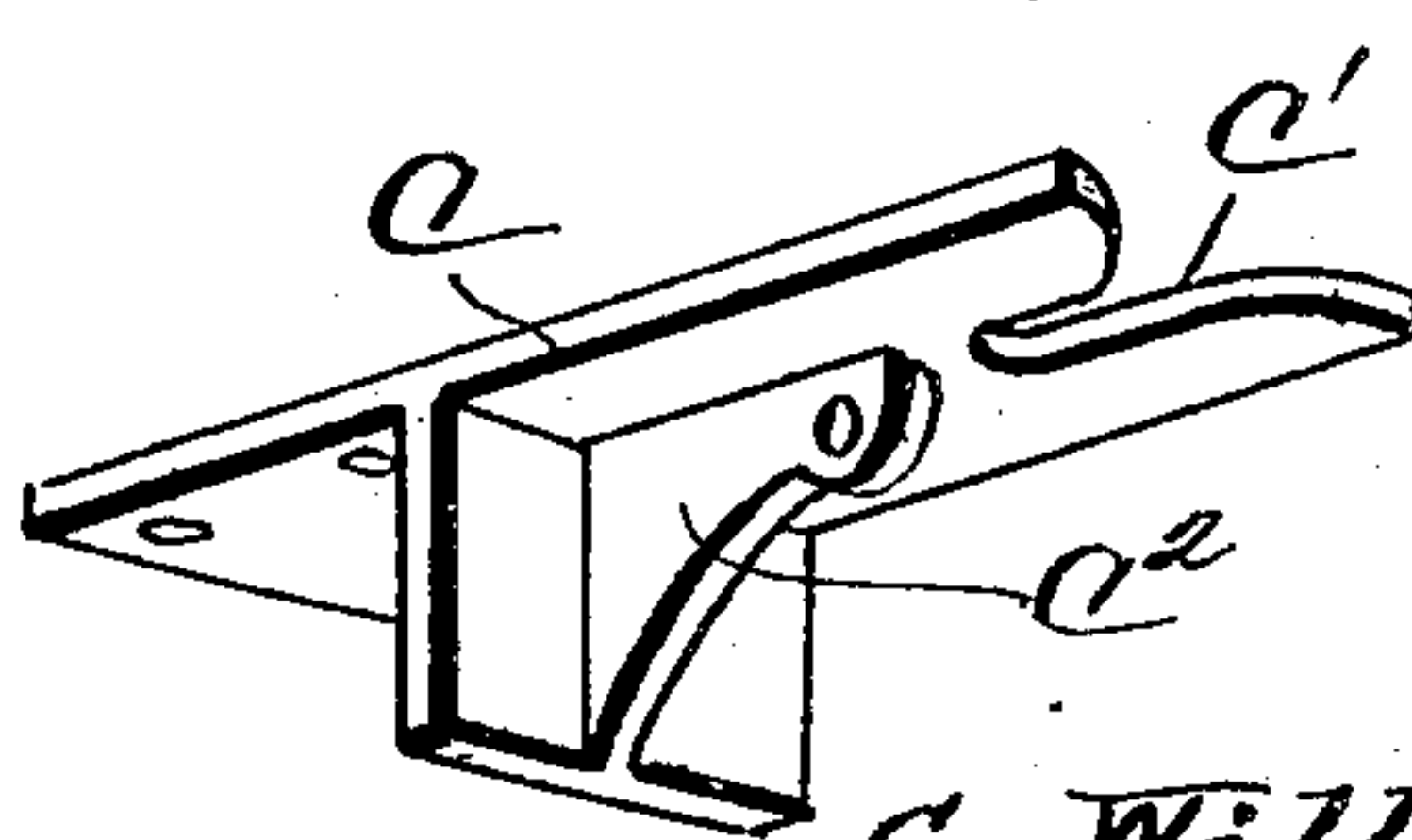
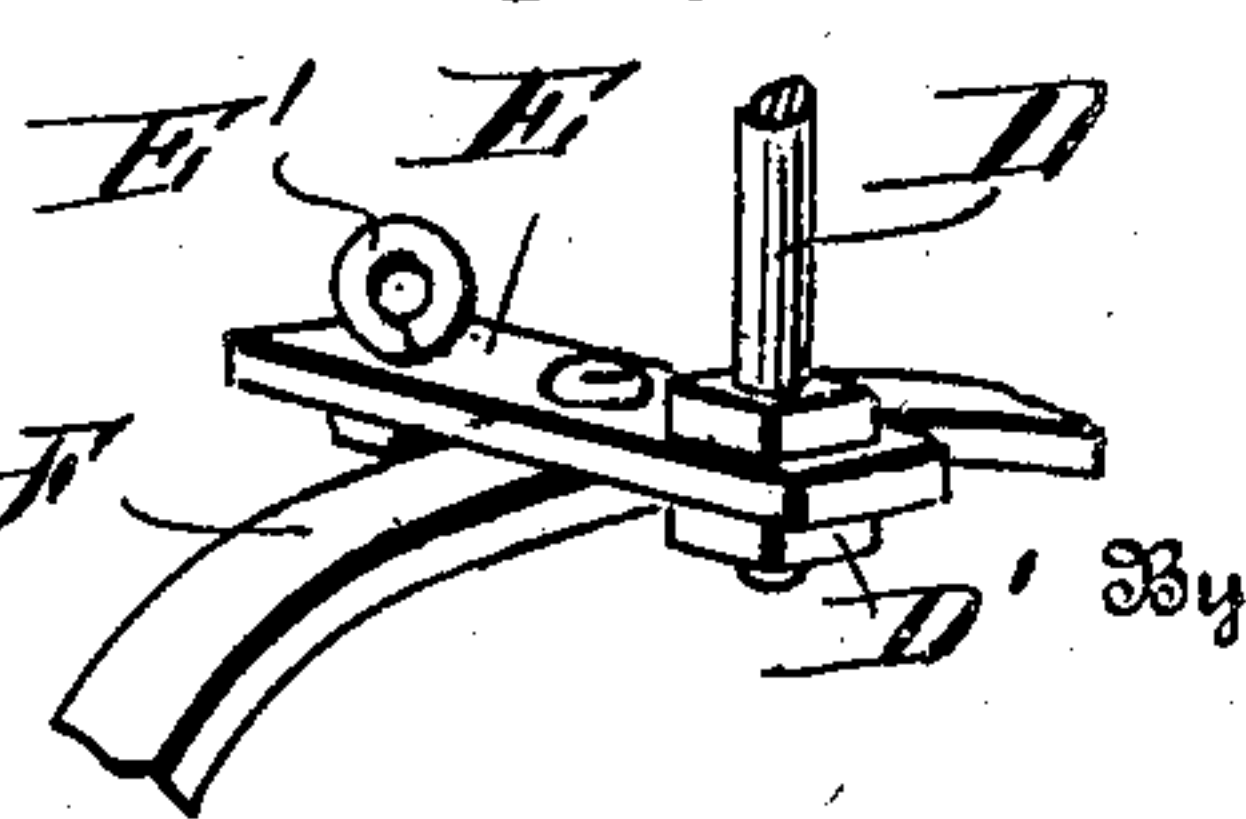


Fig. 5.



Witnesses
C. B. M. Bath
H. G. M. Bath

Inventor

C. Williams.

O'Meara Brock

Attorneys

UNITED STATES PATENT OFFICE.

CYRUS WILLIAMS, OF TURNEY, MISSOURI.

CULTIVATOR-FENDER.

No. 898,809.

Specification of Letters Patent.

Patented Sept. 15, 1908.

Application filed November 26, 1906. Serial No. 345,207.

To all whom it may concern:

Be it known that I, CYRUS WILLIAMS, a citizen of the United States, residing at Turney, in the county of Clinton and State of Missouri, have invented a new and useful Improvement in Cultivator-Fenders, of which the following is a specification.

This invention relates to cultivator fenders and more particularly to adjustable fenders, the object being to provide a fender so constructed that it can be easily and quickly adjusted from the seat of the cultivator, so that it can be raised and lowered to suit different size corn.

Another object of my invention is to connect the fender to the cultivator by a coil-spring so that the adjusting rod will be held in the V-shaped slot of the plate without any danger of it coming out.

With these objects in view, the invention consists in the novel features of construction, hereinafter fully described and pointed out in the claims.

In the drawings forming a part of this specification: Figure 1 is a detail side elevational view of a disk cultivator showing my improved fender attached. Fig. 2 is a detail view of the fender partly in section. Fig. 3 is a top plan view of the supporting frame and locking plate. Fig. 4 is a perspective view of the supporting frame and locking plate detached. Fig. 5 is a detail view showing the manner of connecting the lever to the fender arch.

In the drawings A indicates an ordinary disk cultivator, to the rear side of the axle B is secured by bolts the flanged plate C, its free end being provided with a V-shaped slot C' and supported by the apertured brace C². A rod D, having threads upon its lower end adapted to be secured to one end of the plate E by means of the nut D', is provided upon its upper end with a handle D² and a plurality of annular grooves D³ adapted to engage the slot C'. The plate E, secured at its middle portion to the bow F' of the fender F, is provided upon its other end with an eye-bolt E'. Secured to the opening in the brace C² is a coil spring G, the lower end of which is adapted to be secured to the eye-bolt E', so that the groove of the rod will be securely held in the V-shaped slot of the plate by the action of the spring. It will be readily seen that by forcing the lever forward out of the slot C', the fender can be adjusted up and

down as desired and securely locked by forcing one of the grooves into the slot of the plate C.

From the foregoing description it will be readily seen that I have provided a very simple and cheap fender which can be readily attached to an ordinary cultivator and one which can be readily adjusted.

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

1. The combination with a cultivator provided with an axle, of a vertically movable fender, a plate having at its free end a slot, said plate being secured to the axle, a rod provided adjacent its upper end with annular grooves to engage the slot of the plate, means for connecting said rod to the fender, and a coil spring arranged substantially parallel to the rod when the rod is in its normal position, the spring being connected at its upper end to a portion of the cultivator frame, and its lower end having common connection with the rod to the fender.

2. The combination with a cultivator, of a flanged plate secured thereto having a V-shaped slot in one end, a fender, a coiled spring secured to the plate, a rod engaging the slot, and means for connecting the lower ends of the spring and rod to said fender, as set forth.

3. The combination with a cultivator, of a flanged plate secured thereto provided with a V-shaped slot, a grooved rod adjustably mounted in said slot, a bowed fender, a plate secured to the middle portion of said fender, a spring depending from the flanged plate, and means for connecting the spring and rod to the plate carried by the fender, as set forth.

4. The combination with a cultivator, of a flanged plate secured thereto provided with a V-shaped slot and having an apertured brace on its under side, a coiled spring secured to the flanged plate through the opening in said brace, a rod provided with annular grooves engaging said slot, a plate carrying a fender, and means for connecting the spring and rod to the last mentioned plate, as set forth.

CYRUS WILLIAMS.

Witnesses:

S. C. COLLINS,
O. B. MILLER.