

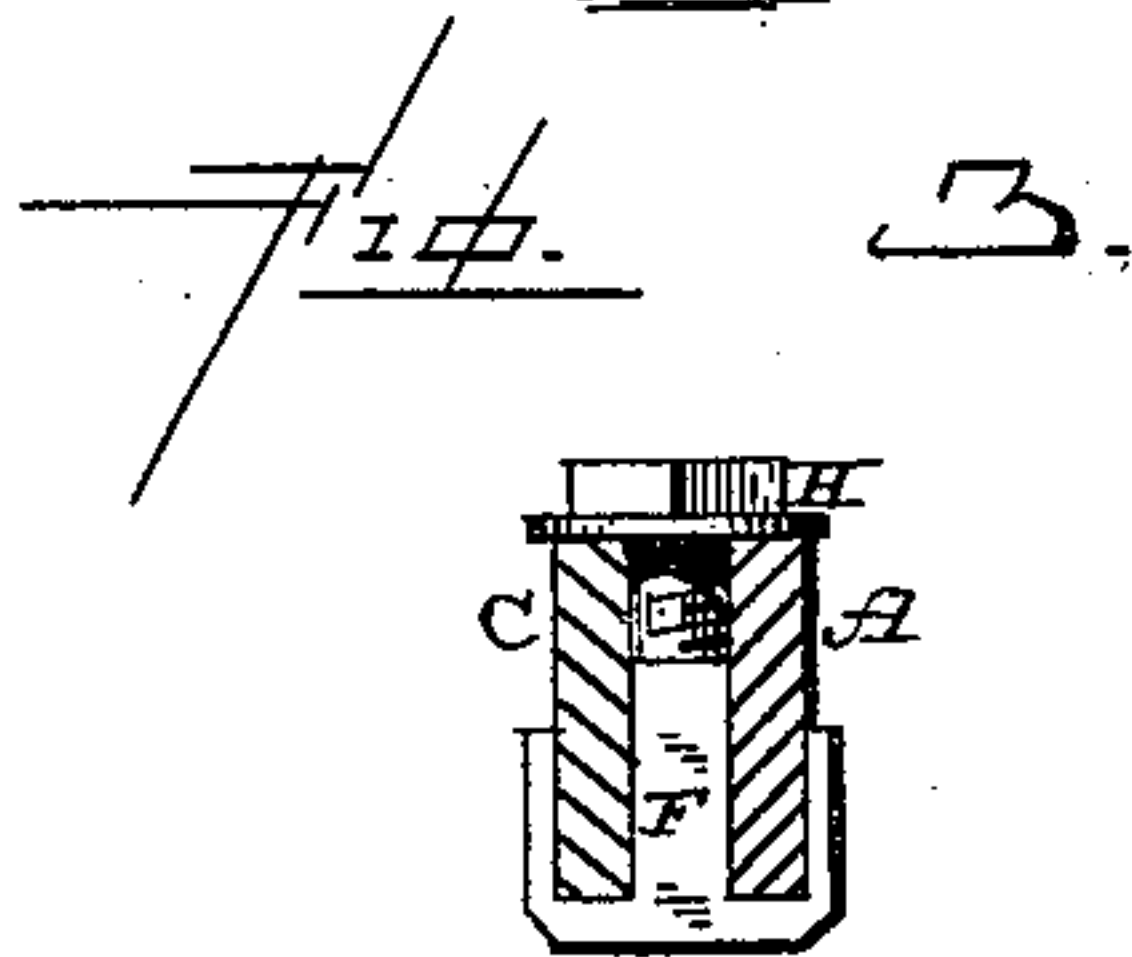
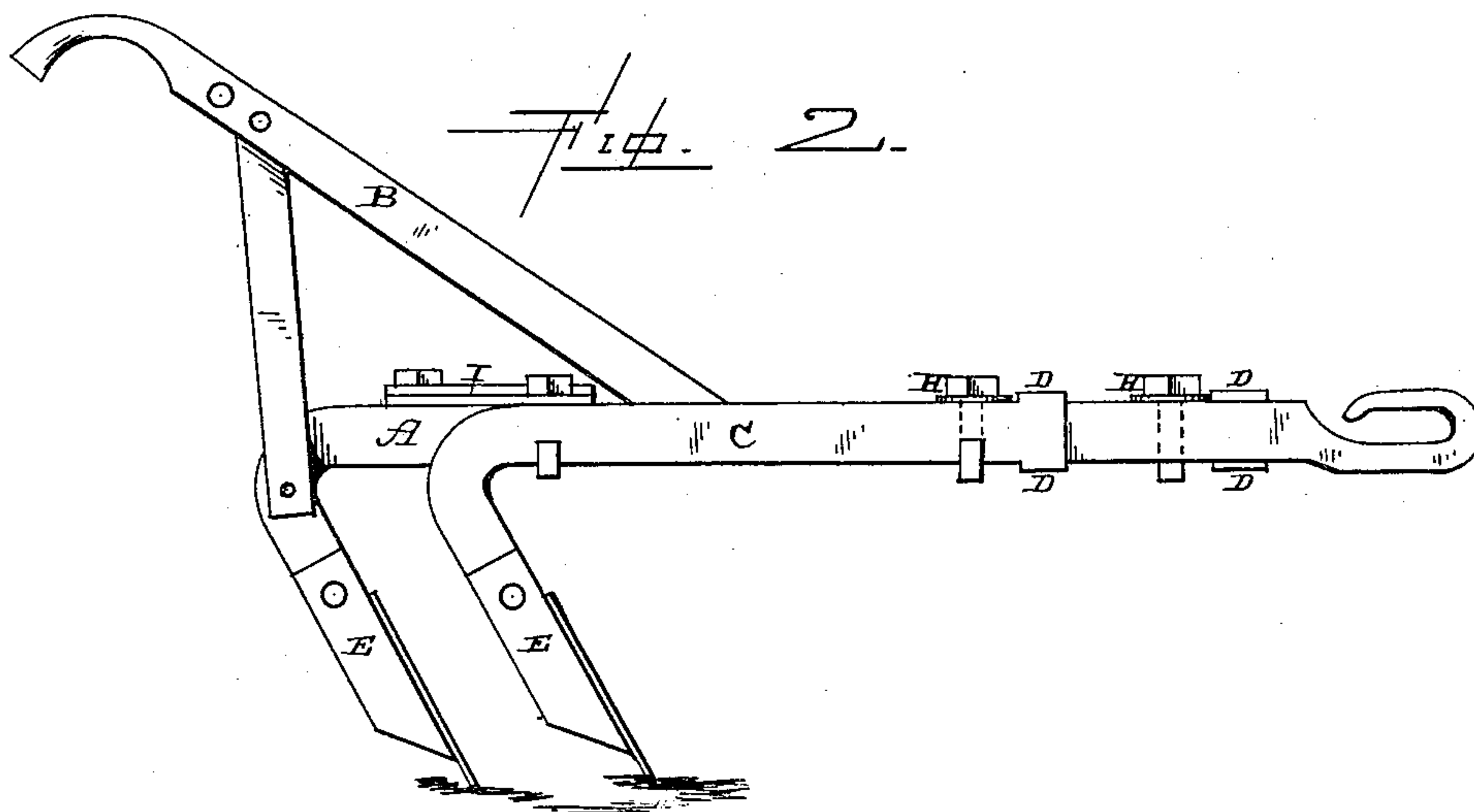
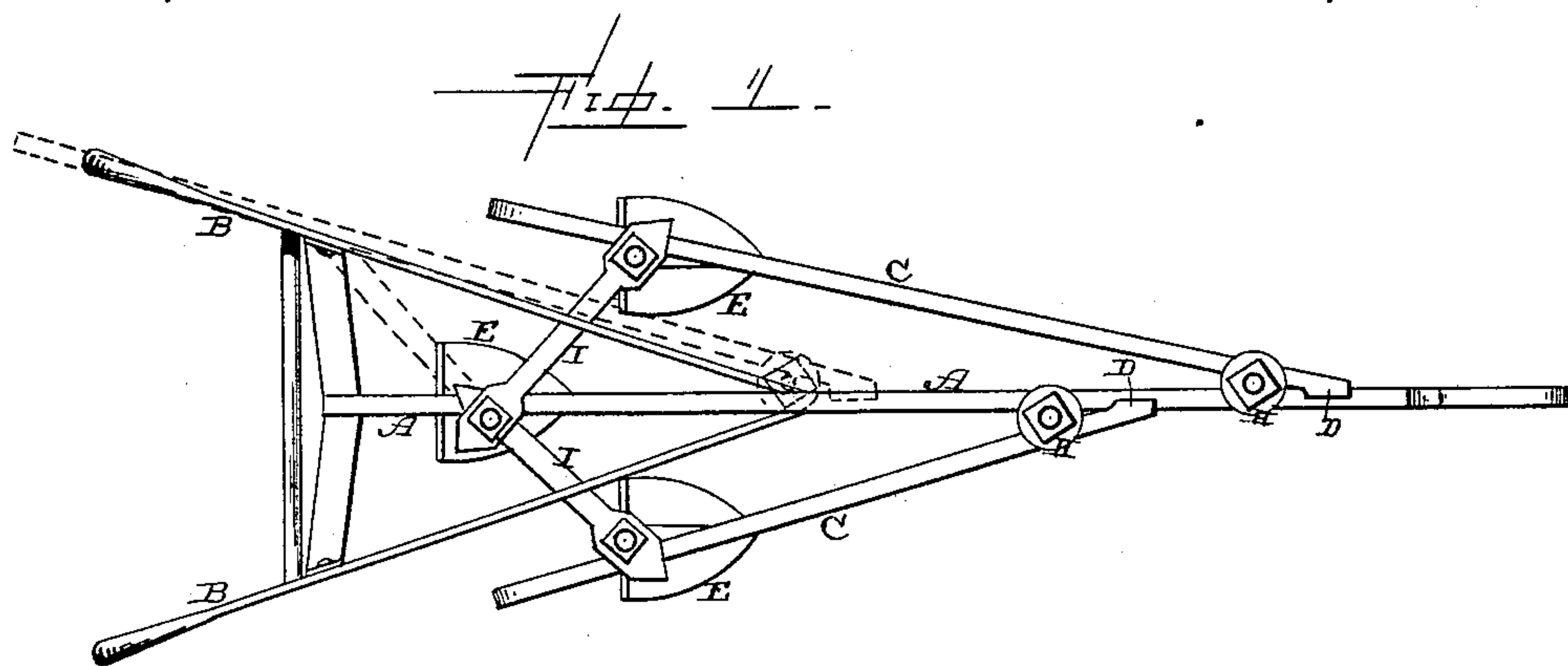
(No Model.)

W. PENDLEY.

CULTIVATOR.

No. 353,498.

Patented Nov. 30, 1886.



WITNESSES.

K. F. Gardner  
A. W. Brecht.

INVENTOR.

Wm. Pendley.  
per J. A. Lehmann,  
att'y

# UNITED STATES PATENT OFFICE.

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ERWIN, OF ERWIN, GEORGIA.

## CULTIVATOR.

SPECIFICATION forming part of Letters Patent No. 353,498, dated November 30, 1886.

Application filed June 17, 1886. Serial No. 205,487. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM PENDLEY, of Ludville, in the county of Pickens and State of Georgia, have invented certain new and useful Improvements in Cultivators; 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 pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in cultivators; and it consists in the combination of the central beam, which is curved at its rear end to receive the standard, and to which the handles are connected, and the two side beams, which are connected to the central beam by means of suitable clamps and connecting-rods, and which side beams can be adjusted back and forth in relation to the central beam, as will be more fully described hereinafter.

The object of my invention is to provide a cultivator in which the three shovels can be adjusted in any desired relation to each other, according to the work that is being done.

Figure 1 is a plan view of a cultivator embodying my invention, showing the side beams in different positions. Fig. 2 is a side elevation. Fig. 3 is a vertical section through the beams, showing the clamps.

A represents the central metallic curved beam, to which the handles B are secured in the usual manner. Upon each side of this central beam, A, is a metallic beam, C, of similar construction, but much shorter than the one A. Each of the beams C has flanges D formed upon it, for the purpose of having the flanges catch over opposite edges of the beam A, and thus support the front ends of the beams C in position. All three of the beams have a double standard, E, pivoted to their rear ends, and which standards are intended to be used in connection with a brake-pin, if so desired.

The two side beams, C, are intended to be

adjusted back and forth in any desired relation to the central beam, A, according to the work that is to be performed. For the purpose of securing the front ends of the beams C in any desired position upon the beam A, the T-shaped clamps F are used. Each one of these clamps has two recesses in its lower end, to catch under the lower edge of one of the beams C and the edge of the beam A, and then the shank extends up between the two beams and receives a washer and nut, H, upon its upper screw-threaded end. After the beam C has been adjusted in position at its front end, it is only necessary to tighten the nut, when it will be securely held.

For the purpose of holding the rear ends of the beams C in any desired relation to the one A, the usual connecting-rods, I, are used. The inner ends of these rods are both fastened upon the top of a clamp, which forms a pivotal point upon the top of the beam A, and then the rear ends of the rods are connected to the tops of the beams C, as shown. By loosening the nuts which hold these connecting-rods and loosening the nuts upon the clamps of the front ends of the beam C, each beam C can be given an adjustment, so as to bring its shovel either forward or back in a line with the shovel upon the beam A.

Having thus described my invention, I claim—

In a cultivator, the combination of the central beam, A, provided with a shovel at its rear end, the handles B, the side beams, C, provided with shovels at their rear ends and with flanges D at their front ends, to catch over opposite edges of the central beam, A, a T-shaped clamp for each beam C, and the connecting-rods I, substantially as shown.

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

WILLIAM PENDLEY.

Witnesses:

JOHN F. SIMMONS,

WILLIAM A. HAMRICK.