

W. H. FARMER.
Cultivators.

No. 152,623.

Patented June 30, 1874.

Fig. 1.

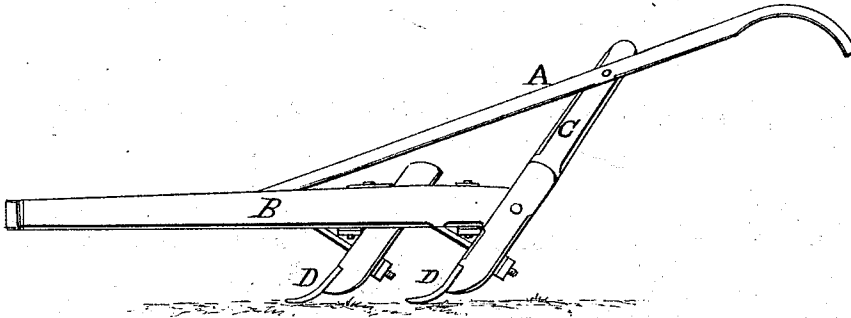


Fig. 2.

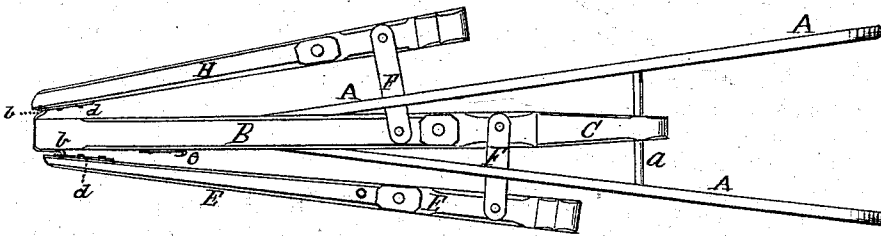
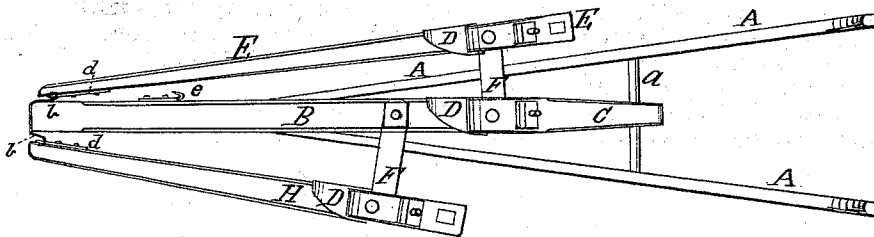


Fig. 3.



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WILLIAM H. FARMER, OF ROME, GEORGIA.

IMPROVEMENT IN CULTIVATORS.

Specification forming part of Letters Patent No. **152,623**, dated June 30, 1874; application filed June 9, 1874.

To all whom it may concern :

Be it known that I, WILLIAM H. FARMER, of Rome, in the county of Floyd and State of Georgia, have invented certain Improvements in Plows, of which the following is a specification :

The invention relates to a plow having three beams, attached at their rear ends by swinging plates, and provided at their front ends with hooks and sockets, so that the distance between the plow-shares may be easily regulated. The object of the invention is to provide a device for plowing three distinct furrows at desired distances, or one wide furrow, or one wide and one narrow furrow.

Figure 1 is a vertical elevation of a device embodying the elements of the invention, one of the plow-beams being removed. Fig. 2 is a top or plan view of same, showing all of the plow-beams. Fig. 3 is a bottom view of same.

A in the accompanying drawings are the handles secured at their lower front ends, about the center of the center-beam B, their upper portions being connected by the brace *a* passing through the upper part of the standard C, upon the lower end of which a plow-share, D, is properly mounted. The beam B extends forward from the standard C a proper distance, and is connected with the beam E by a plate, F, pivoted to each beam, the front end of the beam B being furnished on its sides with the hooks *b*, curving forward and fitting into the socket-plate *d* in the front ends of the beams E and H. One or more similar hooks, *e*, may be secured to the sides of

the beam B, a proper distance in rear of the hook *b*, so that when the beams E and H, or either thereof, are swung rearward they may be secured to the beam B, thus lessening the distance between the plow-shares, or reducing the distance until both or all the shares co-operate in making a wide furrow. The beam H is of similar construction to the beam E, but of somewhat less length, and is attached to the beam B in a similar manner. The purpose of having the beam H, as stated, is to equalize the weight or draft upon the center-beam, since, being placed farther from the center-beam than the beam E is, the draft is proportionately greater.

By the above-described arrangement the operation of plowing three distinct furrows at once may be accomplished, or a wide and a narrow, or one very wide, furrow can be made, it being only necessary, in the last two operations, to unhook the side beam E and swing it backward against the beam B and hook it in that position, or to close the two beams E and H upon the center beam B, and then secure them by the hooks and sockets.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination of the beams H B and the beam E, adjustable from the hook *b* to the hook *e*, with the adjusting-brace or swinging plate F, substantially as shown and described.

WILLIAM H. FARMER.

Witnesses:

J. H. REECE,
C. D. FORSYTH.