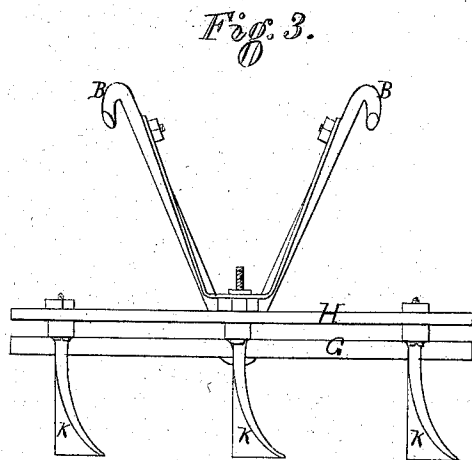
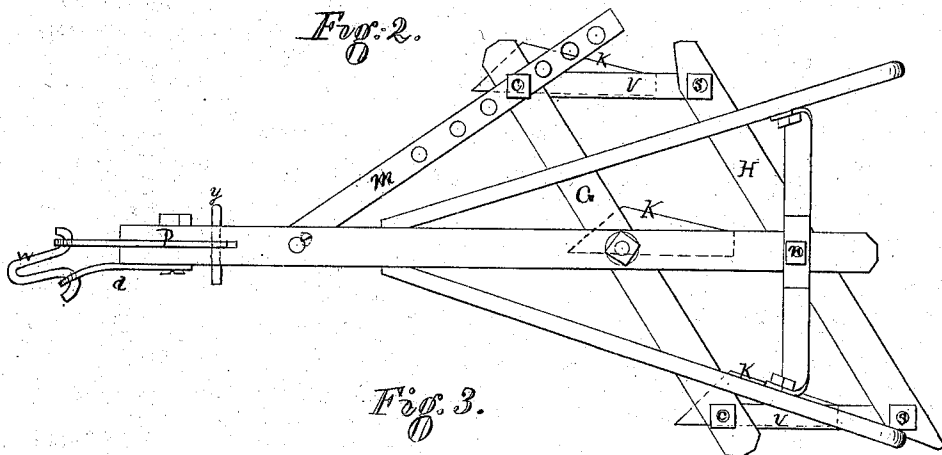
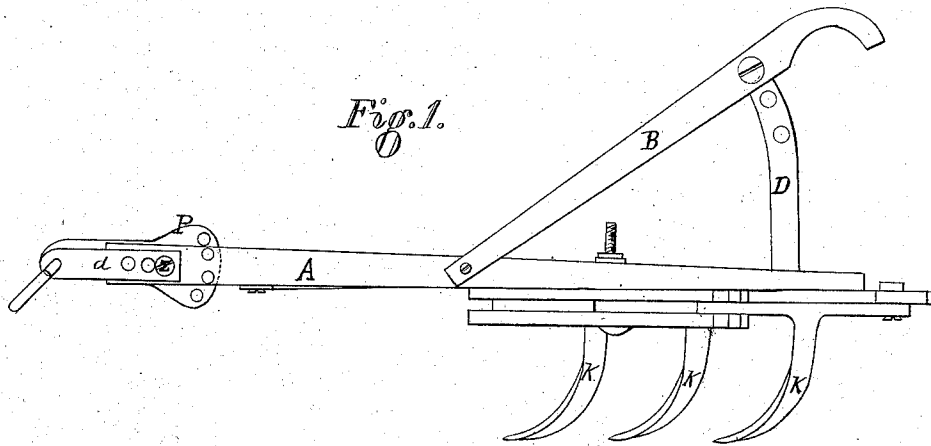


J. B. MOODY.
CULTIVATOR.

No. 105,358.

Patented July 12, 1870



Witnesses

W. L. Anderson.

Chas. Kenyon

Inventor

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UNITED STATES PATENT OFFICE.

JOSEPH B. MOODY. OF LOUISVILLE, KENTUCKY.

IMPROVEMENT IN CULTIVATORS.

Specification forming part of Letters Patent No. 105,358, dated July 12, 1870.

To all whom it may concern:

Be it known that I, JOSEPH B. MOODY, of Louisville, in the county of Jefferson and State of Kentucky, have invented a new and valuable Improvement in Cultivators; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a side view of my cultivator. Fig. 2 is a top view of the same. Fig. 3 is a rear view thereof.

My invention relates to means for cultivating growing plants; and it consists in a novel arrangement of devices intended to serve as valuable auxiliaries in that department of agriculture.

A of the drawings represents the beam of my cultivator, and B the handles thereof. These handles are pivoted to the plow-beam at their lower or front ends, while their rear ends are supported by and made adjustable in the bent and perforated arms D in the manner shown on Fig. 1.

The letter G represents two parallel bars pivoted under the plow-beam by means of the bolt *a*. Between these bars G, I pivot the front ends of the transverse beams of my cultivator-plows, respectively, in the manner shown on the drawings by means of the bolts *e*.

H represents a rear cross-bar pivoted to the rear end of the main plow-beam by means of the bolt *n*. The rear ends of the cultivator plow-beams are respectively pivoted to this cross-bar by means of the bolts *s*.

K represents my cultivator-plows. They are constructed, respectively, with a transverse

beam marked *v*, one end of which is pivoted to the bars G and the other to the bar H, as above mentioned.

M represents a perforated bar pivoted to the lower side of the main beam, and is connected with either end of the bars G by means of a bolt, *c*. The office of this perforated bar is to provide means for adjusting the bars G, and consequently the cultivator-plows, at any desired angle with the main beam. This is done by passing a bolt, *c*, through such aperture in said bar as will secure to the plows the position desired. It will be perceived that this bar M can be attached to the bars G upon either side of the main beam the operator may desire.

P represents a perforated plate arranged in a slot in the front end of the main beam, and made adjustable therein by means of the pin *y*; and *d* is a perforated plate arranged upon the side of the plow-beam and made adjustable by means of the screw *z*. To the front end of these plates *d* and P, I attach the clevis *w* in the manner shown on Fig. 2.

I claim as my invention—

1. The arrangement of the bars G, H, *v*, and *m*, arms D; handles B, beam A, and plows R, when the several parts are constructed as and for the purpose specified.

2. In a cultivator, the arrangement of the plates P and *d* and clevis *w*, when constructed as shown and described.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

JOSEPH B. MOODY.

Witnesses:

J. P. GAILBRATH,
I. N. COLLINS.