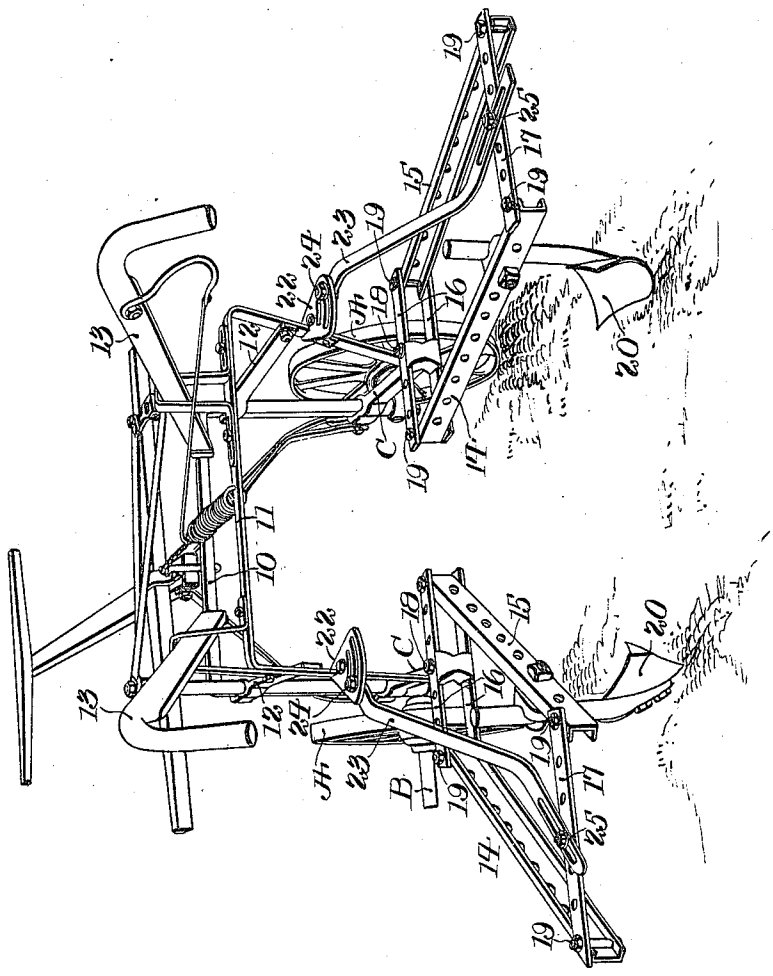
J. D. HASKETT & B. SANDERS.

WHEEL CULTIVATOR.

APPLICATION FILED MAR. 6, 1915.

1,168,202. Patented Jan. 11, 1916.



Witnesses

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UNITED STATES PATENT OFFICE.

JOSEPH D. HASKETT AND BRAD SANDERS, OF ELIZABETH CITY, NORTH CAROLINA.

WHEEL-CULTIVATOR.

1,168,202. Specification of Letters Patent. Patented Jan. 11, 1916.

Application filed March 6, 1915. Serial No. 12,640.

To all whom it may concern:

Be it known that we, JOSEPH D. HASKETT and BRAD SANDERS, citizens of the United States, residing at Elizabeth City, Pasquotank county, and State of North Carolina, have invented and discovered certain new and useful Improvements in Wheel-Cultivators, of which the following is a specification.

Our invention relates to certain improvements in the details of construction and relations of parts of "walking" cultivators, and it especially relates to the means for carrying the plows or teeth, whereby they may be adjusted into various relative positions to each other and in relation to the work, and secured in such adjusted positions at will, all as will be hereinafter more fully described and claimed. By the use of such invention, the operator is enabled to maintain the plows or teeth in such relation to each other and to the work as will bring the most advantageous results under the various conditions that may be encountered.

Referring to the accompanying drawings which are made a part hereof and on which similar reference characters indicate similar parts, the figure is a rear perspective view, illustrating the machine as it appears with our improvements embodied therein.

In said drawings the portions marked A represent the wheels, B the axles, and C the beams or main parts of the frame which are connected at their forward ends by an inverted U-shaped member 10 in the usual manner. They are also preferably connected at their rear ends by another inverted U-shaped bar 11, and the frame includes horizontal brace bars 12 connecting the vertical legs of the two U-shaped members near their upper ends. The guiding handles 13, are supported on this frame, one being preferably arranged to swing and connected to guide the wheels as in one particularly shown and described in our co-pending application, Serial Number 12,639, filed March 6, 1915, but all of these parts are, or may be, of any approved or desired construction and arrangement, as will be readily understood.

Pivoted to the rear ends of the main beams C of the frame are the plow carrying frames consisting of side bars 14 and 15 pivotally connected at their forward ends by cross bars 16 and at their rear ends by cross bars 17. Said forward cross bars are preferably double and embrace the rear ends of the beam C and are connected thereto by pivot bolts 18. The corners of each of the frames are also connected by pivot bolts 19, thus leaving the frames free to open or close and to be adjusted to any width desired within the limit of the lengths of the cross bars 16 and 17.

The plows, or teeth, 20 are mounted on bars 14 and 15, or either one, by suitable retaining clevises in the usual manner. Said side bars 14 and 15 are provided with a series of perforations, as shown, whereby these teeth may be placed at any position thereon desired, or any number of teeth found appropriate may be attached thereto.

A plate 22 is attached to each upright of the rear U-shaped member 11 of the frame and formed with a segmental slot, as shown. A brace bar 23 is secured at its inner end by bolt 24 to said plate and at its other end by a clamping bolt 25 to the rear cross bar 17. Said bolt 25 extends through a slot in said brace bar 23, and bolt 24 extends through the segmental slot in the plate 22. By this means the frames carrying the plows may be adjusted as desired and rigidly locked or secured in any lateral adjustment, as will be readily understood. The bolts 24 and 25 are loosened and tightened to enable the adjustments being made so that the frames, together with the plows, may be placed in that relation found to be of most advantage for the work at hand.

Having thus fully described our said invention, what we claim as new and desire to secure by Letters Patent, is:

1. In a walking cultivator, a plow carrying frame composed of four bars pivoted together at their corners and pivoted to the beams of the frame, and a brace bar connected to the cultivator frame at one end and to the plow carrying frame at the other with means for locking said bar and frame to secure said frame rigidly in adjusted position, substantially as set forth.

2. In a walking cultivator, the combination, of the cultivator frame, plow carrying frames connected therewith each of which is a parallelogram pivoted at its corners, and a rigid brace for each plow carrying frame adjustably connected at one end to the cultivator frame and adjustably connected at its other end to said plow carrying frame, substantially as set forth.

3. A walking cultivator, comprising a frame, plow carrying frames connected therewith each of which is a parallelogram hinged at its corners, and means for locking each plow carrying frame in certain adjustable positions, substantially as set forth.

In witness whereof, we have hereunto set our hands and seals at Elizabeth City, North Carolina, this 4th day of February, A. D., nineteen hundred and fifteen.

JOSEPH D. HASKETT. [L. S.]
BRAD SANDERS. [L. S.]

Witnesses:
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