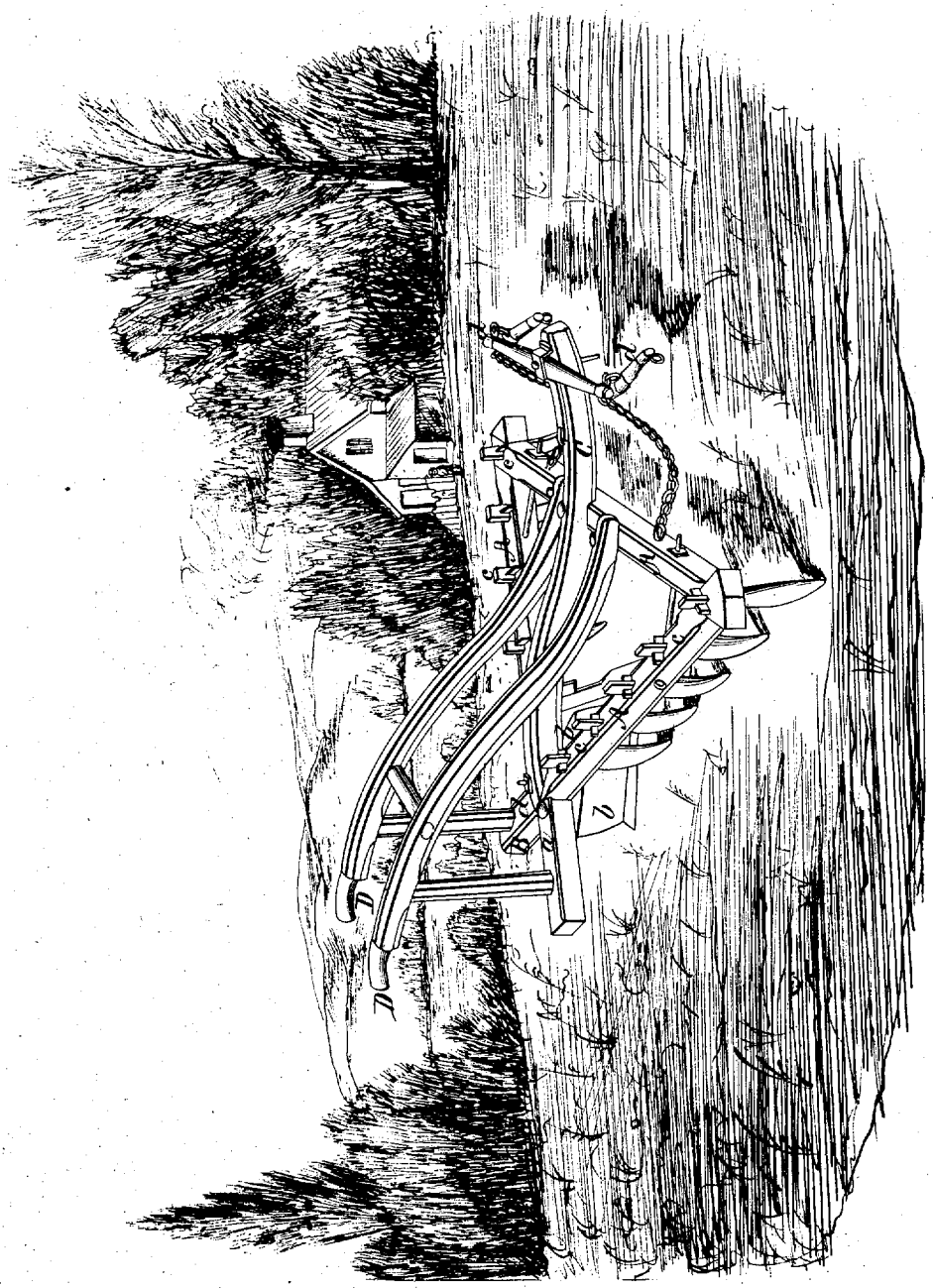
7866X

# J. Reichard.

## Cultivator.

Patented Dec. 16, 1833.



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John C. Rinehard Guilford Penn.

## Letters Patent

The Schedule referred to in these Letters Patent and making part of the same containing a description in the words of the said John Rinehard himself of his improvement in the Seeding Cultivator

To all whom it may concern

Be it known that I John Rinehard of Guilford in the County of Franklin and State of Pennsylvania have made certain improvements in the mode of constructing an instrument for the purpose of seeding in raising grain which improvement is composed by me & denominated a Seeding Cultivator. And I do hereby declare that the following is a full and exact description thereof reference being had to the drawing which accompanies & makes a part of this specification — I make a frame of three pieces of timber AA. A each of which should be about seven feet long & about three inches square. they are framed by being halved together at the three angles in the manner shown in the drawing. The piece A is the front one of the frame & this and the two side timbers are halved together at their ends. but the two side timbers are forked there at the angle B at two feet from their ends. The projecting part of them serve to receive the standards CC. which support the handles DD. Immediately under the angle formed at the back end of each side timber is framed a double tenon through mortice board provided with a shaw and coulter and bolted on to the same timbers by two bolts the ends of which are seen at a.a. — The shaw and mortice board projects forwards beyond the front of the cultivator as seen at b.b. — To the ends AA of the cultivator teeth or shovels fee are fixed. They are made in the usual form of cultivator teeth are about four inches wide at the base & about eight inches below the frame. The shank which passes through the frame may be fastened by a nut & key as at CCC. The back or shovel part of each angles and towards which point to them

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The proper shape of the mouldboard is shown in the drawing. The machine is drawn by two horses, the swingletrees of which are attached to a bar or beam seven feet in length which extends 11 feet forward of the timber A to a suitable distance. The use of the chain / is manifest upon inspection. The height and distance of the handles D.D. must be the same as in ploughs or cultivators generally.

In using this implement the ground is first prepared by ploughing and harrowing in the usual way when this has been done and the field is staked off at distances of 2 rods apart and seven feet. These stakes serve as guides for the centre or plough trail of the cultivator / the width on the said timbers then from the ground into furrow, of the most convenient and suitable width for the advantageous growth of the grain — I do not claim as my invention the individual parts of this machine as I have described them. but what I do claim is that general arrangement and combination of the whole which gives to it that character by which it is distinguished from other cultivators & harrows — & principal feature by which it is thus distinguished is the precise direction in which the triangle is drawn forward & the inclination of the double mould board and its adjustment in the cradle by which the blades are divided

Witness
Wm Jones
Jo Andrews

John Pritchard

630 x 50

E.L
C.S.H.

Dr in portfolio