J. H. HEWITT.

CULTIVATOR.

APPLICATION FILED OCT. 22, 1908.

952,902. Patented Mar. 22, 1910.

FIG. 1

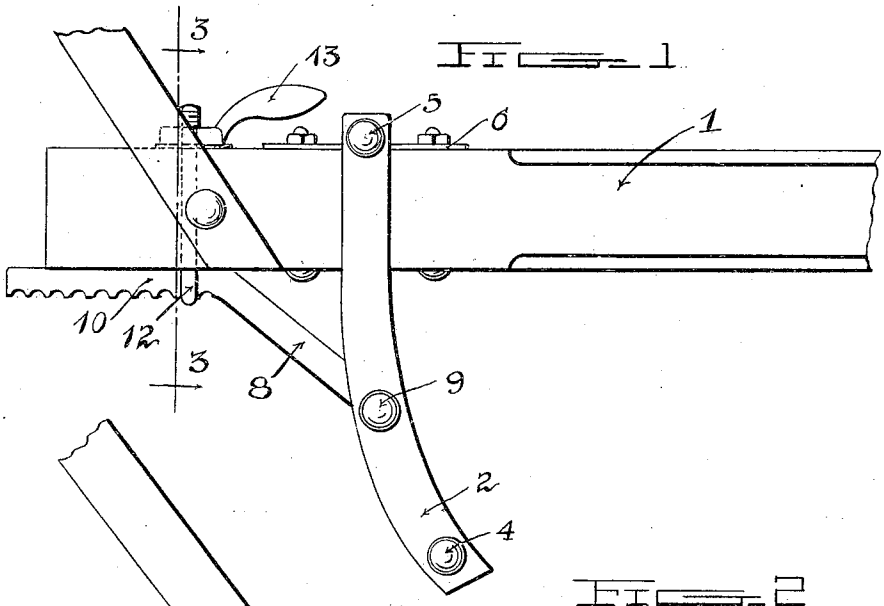


FIG. 2

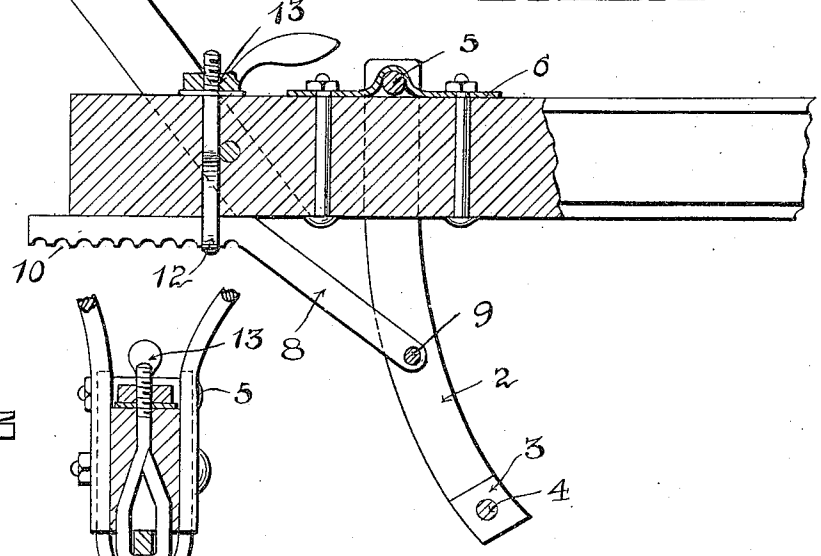
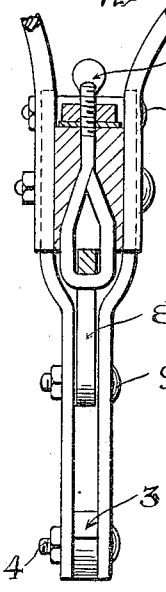


FIG. 3



Witnesses

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UNITED STATES PATENT OFFICE.

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CULTIVATOR.

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Application filed October 22, 1908. Serial No. 459,004.

To all whom it may concern:

Be it known that I, JOHN HENRY HEWITT, a citizen of the United States, residing at Tunis, in the county of Burleson and State of Texas, have invented certain new and useful Improvements in Cultivators; and I do 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 appertains to make and use the same.

My invention relates to plows or cultivators.

The object of the invention is to regulate the pitch at which the sweep blades enter the ground.

With the foregoing and other objects in view, the invention consists of certain novel features of construction, combination and arrangement of parts, as will be more fully described and particularly pointed out in the appended claim.

In the accompanying drawings, Figure 1 is a side elevation, Fig. 2 is a longitudinal section, and Fig. 3 is a transverse vertical section on the line 3—3 of Fig. 1.

Referring more especially to the drawing, 1 represents a plow beam and 2, the standards thereof which are separated and held in parallel relation by means of the spacing block 3 secured therebetween by the bolt or rivet 4. The upper ends of the standards are spread apart to overlap the beam sides and have passing therethrough adjacent their upper ends a pivot bolt 5, which is engaged by a retaining or bearing plate 6 secured to the upper side of the beam 1 preferably by spaced bolts extending through said plate and beam. This plate is provided with an upstruck portion 6^a to form a bearing for a purpose to be described. The overhanging or overlapping sides of the standards prevent any lateral movement thereof, and being pivoted to the plate, the standards are free to move forward and backward.

In order to hold the standards in adjusted position, I provide a brace rod 8 which is pivoted to a bolt 9, passing through the standards intermediate their pivot point and the lower end and its brace rod extend rearwardly where it is provided with a horizontal portion 10, having a notched under face which is engaged by the loop bolt 12, which passes vertically through the beam and has its threaded end provided with a lever nut 13, by which the brace is clamped in adjusted position upon the beam.

By adjusting the standards backward and forward, it will be seen that any angle may be obtained for the entrance of the sweeps or plow points into the ground.

From the foregoing description taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of the invention, as defined in the appended claim.

I claim as my invention:—

The combination of a plow beam, a plate secured to the upper face of said beam and having an upstruck portion extending transversely thereof to form a bearing, a standard comprising two separably connected laterally spaced members with the inner faces of their upper ends engaging opposite sides of said beam, said ends extending above the beam, a bolt extending through said projecting ends above the beam and through the bearing in said plate whereby said standard is pivotally mounted on said beam to swing longitudinally relative to said beam and adjustable means for securing said standard in fixed relation to said beam at any desired angle.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

JOHN HENRY HEWITT.

Witnesses:
CLAUD EDWARDS,
J. D. NEWCOMB.