

L. E. WATERMAN.
CULTIVATOR SHOVEL SUPPORT.
APPLICATION FILED FEB. 3, 1912.

1,025,771.

Patented May 7, 1912.

Fig. 3.

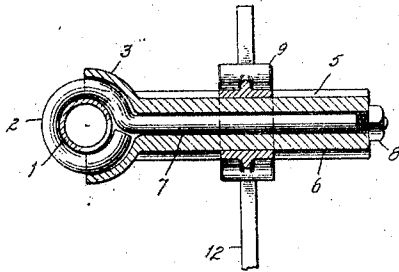


Fig. 1.

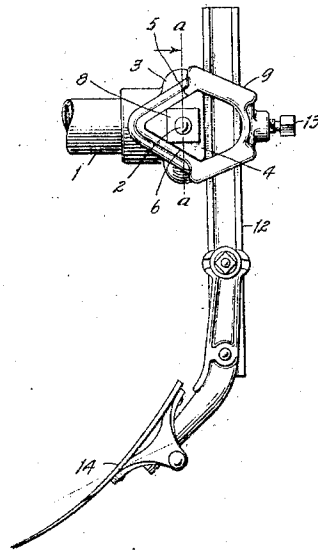


Fig. 4.

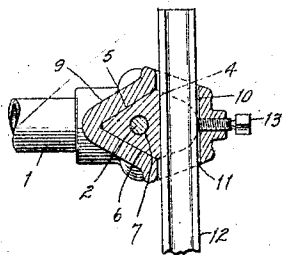
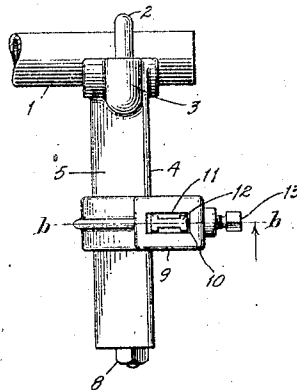


Fig. 2.



Witnesses:

W. L. Dow.
C. Behel.

Inventor:

Lewis E. Waterman
By A. O. Behel
Atty.

UNITED STATES PATENT OFFICE.

LEWIS E. WATERMAN, OF ROCKFORD, ILLINOIS, ASSIGNOR TO EMERSON-BRANTINGHAM COMPANY, OF ROCKFORD, ILLINOIS, A CORPORATION OF ILLINOIS,

CULTIVATOR-SHOVEL SUPPORT.

1,025,771.

Specification of Letters Patent.

Patented May 7, 1912.

Application filed February 3, 1912. Serial No. 675,387.

To all whom it may concern:

Be it known that I, LEWIS E. WATERMAN, a citizen of the United States, residing at Rockford, in the county of Winnebago and State of Illinois, have invented certain new and useful Improvements in Cultivator-Shovel Supports, of which the following is a specification.

The object of this invention is to form a connection between a shovel standard and a beam of a cultivator, so that the standard will be held in a vertical position and permits of an adjustment toward or from the beam.

In the accompanying drawings, Figure 1 is a side elevation. Fig. 2 is a plan view. Fig. 3 is a section on line *b b* Fig. 2. Fig. 4 is a section on line *a a* Fig. 1.

My improvements are shown in connection with a beam of a cultivator, the beam can be connected to the cultivator frame and raised and lowered in any suitable manner, and I have not deemed it necessary to show such connections.

The beam 1 is cylindrical in cross-section and has an eye-bolt 2 surrounding it. A bracket has a semi-cylindrical end 3 fitted to the beam, and has a support comprising the vertical face 4, the upper face 5 and bottom face 6 forming a triangle. The support and semi-cylindrical end are formed with an opening 7 through which the eye-bolt 2 passes and receives a nut 8 on its projecting end, which will clamp the support to the beam. The support by means of this eye-bolt can be moved lengthwise of the beam and held when adjusted. A clamping

block 9 fits the faces 5 and 6 of the beam and is formed with a face 10 parallel with the face 4 of the support. A vertical opening 11 is formed through the clamping block. A shovel standard 12 rectangular in cross-section is located in the vertical opening 11 of the clamping block and rests against the vertical face 4 of the support. A set-screw 13 is supported by the clamping block and is seated against the shovel standard thereby holding the shovel standard firmly against the vertical face 4 of the support.

The shovel standard can be adjusted vertically in connection with the support and the clamping block can be adjusted along the length of the support. A shovel 14 is connected to the lower end of the shovel standard.

I claim as my invention—

A cultivator shovel connection comprising a beam, a triangular support in cross-section adjustably connected to the beam, a clamping block adjustable along the support and having a vertical opening, a shovel standard located in the opening and against the support, a set-screw clamping the shovel standard against the support, and a shovel connected to the standard.

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

LEWIS E. WATERMAN.

Witnesses:

A. O. BEHEL,
E. D. E. N. BEHEL.