

O. W. GO SLEE.
Cultivators and Ridgers.

No. 153,942.

Patented Aug. 11, 1874.

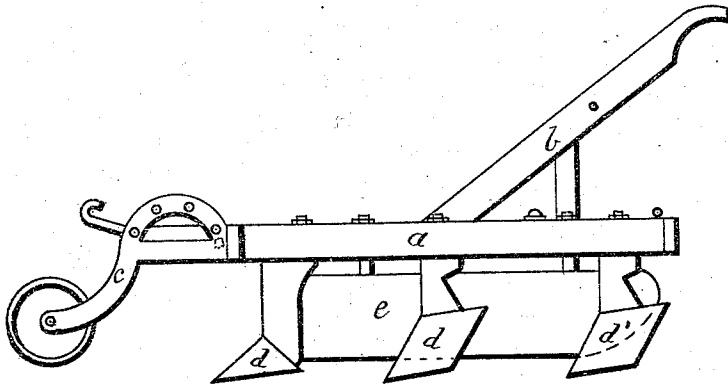
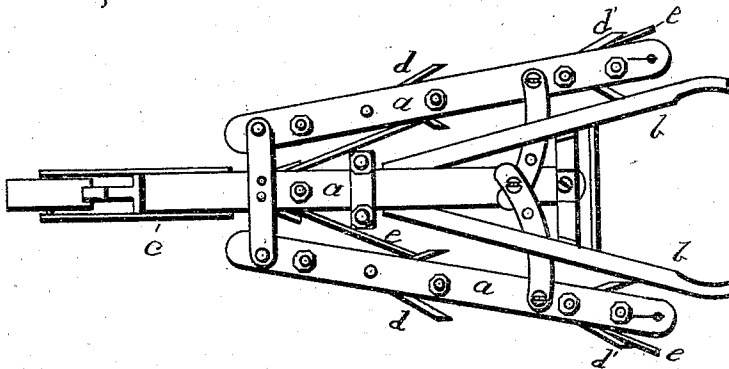


Fig. 1.



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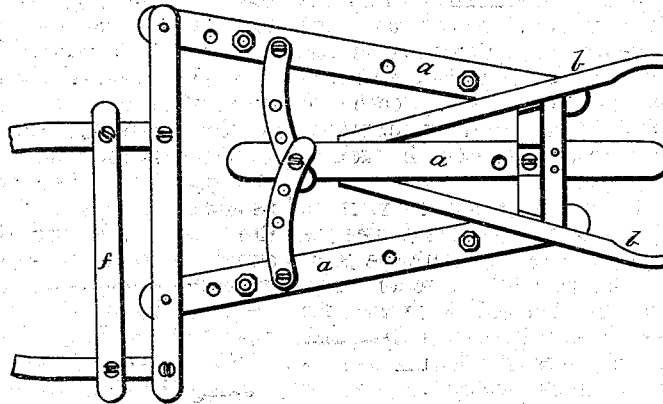
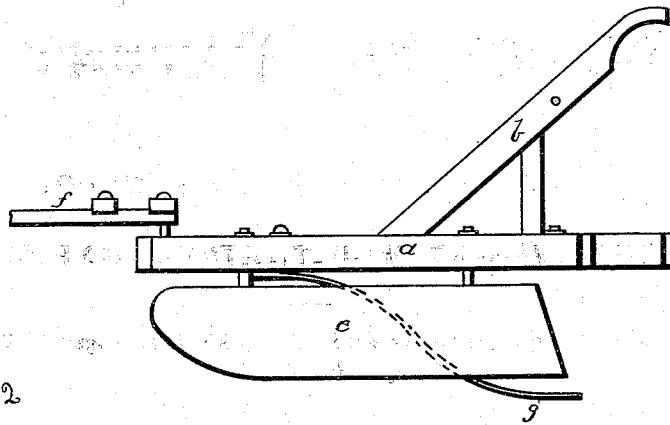
Inventor.

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UNITED STATES PATENT OFFICE.

OZIAS W. GOSLEE, OF BUCKINGHAM, CONNECTICUT.

IMPROVEMENT IN CULTIVATORS AND RIDGERS.

Specification forming part of Letters Patent No. **153,942**, dated August 11, 1874; application filed May 21, 1874.

To all whom it may concern:

Be it known that I, OZIAS W. GOSLEE, of Buckingham, county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Agricultural Implements; and to enable others skilled in the art to make and use the same I will proceed to describe, referring to the drawings, in which the same letters indicate like parts in each of the figures.

The nature of this invention consists in combining and arranging effective devices in one frame-work, so that by changing the position of some of the parts the machine may quickly and easily be changed, to be used for several purposes, viz., a cultivator, ridger, and potato-coverer, the object of which is to save the multiplicity of machines by having one easily and effectively answer for the whole.

In the accompanying drawings, Figure 1 is a side and top view of a cultivator and furrower. Fig. 2 is a side and top view of a horse-hoe and potato-coverer.

a is the frame-work of the machine. The outer bars are firmly hinged at one end by plates and bolts to the center draft-bar. The opposite ends are held more or less diverging, as desirable, by means of arms secured to the draft-bar in the common way. *b* are reversible handles. *c* is a graduating draft-iron and ground-wheel. *d* are double-shear cultivator-teeth. *d'* are single-shear cultivator-teeth or scrapers, which may be reversed, or changed

from one side of the machine to the other at will, or, as may be desired, to throw the earth either to the right or left. *e* are adjustable hoe-plates. One end of each is secured by bolts in the diverging ends of the frame-work. The other ends are secured to the draft-bar by bolts when used as a ridger, and are secured to the diverging bars when used for a hoe. In this case the handles may be reversed into the opposite position and the thills attached, as shown in Fig. 2, to the diverging ends of the frame-work, and the coverer-plate *g* secured by bolts or screws to the draft-bar. Thus the machine will be in readiness for covering potatoes. As a cultivator it may be used with or without the hoe-plates *e*.

Now, it will be seen that this machine, by making the changes, will perform the work of a cultivator, furrower, and potato-coverer, thus saving great expense in extra machines and the room they would occupy.

I claim—

The combination of the scrapers *d'*, double-shear teeth *d*, and wheel and draft-regulator *c* with the cultivator-frame *a*, having hinged adjustable side bars and reversible handles, to adapt it to carry the scrapers *e* and curved horizontal plate *g* of a coverer and ridger, substantially as shown and described.

OZIAS W. GOSLEE. [L. S.]

Witnesses:

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