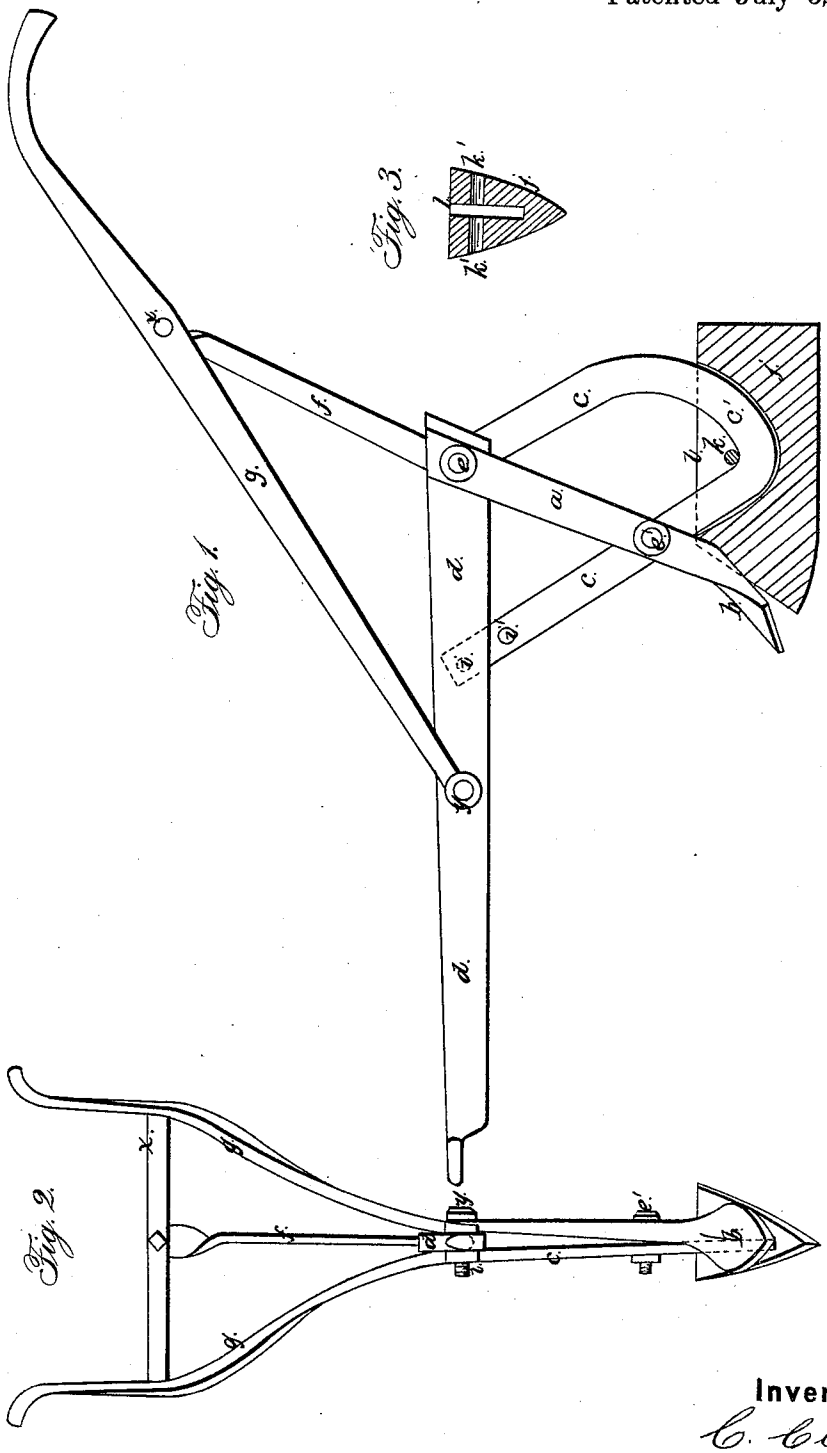
C. CLARK.

Cultivator.

No. 28,968. Patented July 3, 1860



Witnesses:
Robt. W. Fenwick
Gustavus Dieterich

Inventor:
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by Munn & Co
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AM. PHOTO-LITHO. CO. N.Y. (OSBORNE'S PROCESS.)

UNITED STATES PATENT OFFICE.

COUNCIL CLARK, OF ANDERSONVILLE, GEORGIA.

IMPROVEMENT IN CULTIVATORS.

Specification forming part of Letters Patent No. **28,968**, dated July 3, 1860.

To all whom it may concern:

Be it known that I, COUNCIL CLARK, of Andersonville, in the county of Sumter and State of Georgia, have invented a new and useful Improvement in Braces for Plow-Stocks; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification.

Figure 1 is a side view, Fig. 2 a top view and Fig. 3 a vertical cross-section, of the implement.

Whenever the same letters occur in the several figures they indicate corresponding parts.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

A brace consisting of two straight and parallel ends, *c c*, and an arched connecting-post, *c'*, is fastened to the plow-beam *d* by means of bolts *e i* passing through both ends of the brace, as seen in Fig. 1. The upper end of the plow-shank *a* is also secured to the rear end of the plow-beam by the bolt *e*, while the lower part of the shank *a* is bolted to the brace *c* at *e'*.

A wedge-shaped runner, *j*, (used for deepening and smoothing the bottom of the furrow,) may be attached to the arched brace behind the plow *b* by slipping the arched portion or loop *c'* of the brace into a suitable vertical recess, *l*, in the top part of the runner and inserting a pin, *k*, through a hole, *k' k'*, made in the body of the runner at both sides of the recess *l*. The hole is so arranged that the pin, when inverted, will rest against the upper edge of the loop *c'*, by which means the runner will be firmly connected with the brace. The forward end of the brace is provided with two or more bolt-holes, *i i'*, so as to adjust the brace, and with it the plow and runner, higher or lower.

The forward ends of two handles, *g g*, are bolted to the beam *d* at *y*, their rear portions being connected by a horizontal bar, *x*. The upper end of a brace-rod, *f*, is bolted to the bar *x*, while its lower end is clamped between the rear end of brace *c* and beam *d* and secured by the bolt *e*.

The arched construction of brace is very essential, as it gives a support at two points and affords facilities for the attachment of the runner, which forms the furrows for the reception of seed.

What I claim as my invention, and desire to secure by Letters Patent, is—

The arrangement of the arched brace *c c c'*, in combination with the plow-beam *d*, standard *a*, and runner *j*, in the manner and for the purposes herein set forth.

The above specification of my improvement in braces for plow-stocks signed by me this 8th day of May, 1860.

COUNCIL CLARK.

Witnesses:

GOODWIN G. AT LEE,
GUSTAVUS DIETERICH.