

T. WALLIS & O. J. CASE.

Plow-Colter Cleaner.

No. 164,784.

Patented June 22, 1875.

Fig. 1

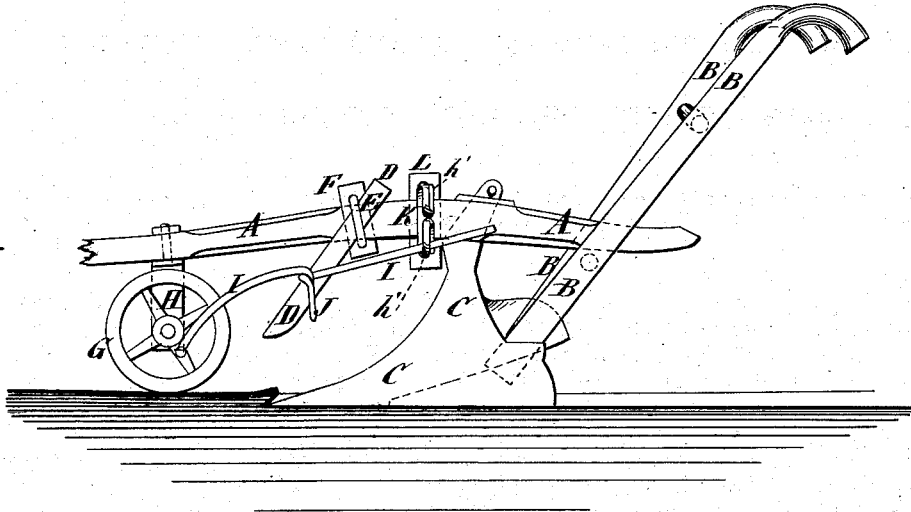
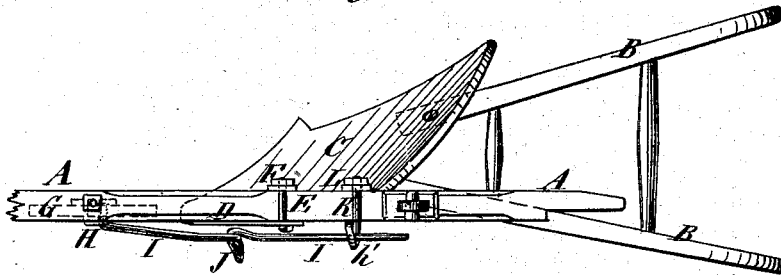


Fig. 2



WITNESSES:

C. Novell
Stidquist

INVENTORS:

T. Wallis
O. J. Case
BY *Munnell*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

THEODORE WALLIS, OF SCIPIO, AND OSCAR J. CASE, OF AUBURN, N. Y.

IMPROVEMENT IN PLOW-COLTER CLEANERS.

Specification forming part of Letters Patent No. 164,784, dated June 22, 1875; application filed March 13, 1875.

To all whom it may concern:

Be it known that we, THEODORE WALLIS, of Scipio, in the county of Cayuga and State of New York, and OSCAR J. CASE, of Auburn, in the county of Cayuga and State of New York, have invented a new and useful Improvement in Plow-Cutter Cleaner, of which the following is a specification:

Figure 1 is a side view of a plow to which our improved cutter-cleaner has been applied. Fig. 2 is a top of the same.

Similar letters of reference indicate corresponding parts.

The invention will first be fully described, and then pointed out in the claim.

A represents the beam; B, the handles, and C the plow, about the construction of which parts there is nothing new. D is the cutter, which is secured to the beam by a bow, E, and yoke F, in the ordinary manner. G is the wheel, the standard H of which is secured to the forward part of the beam A. To the gage-wheel G, at a less or greater distance from its center, according as it is desired to give a less or greater throw to the cleaner, is pivoted the forward end of a rod, I, upon the middle part of which is formed a loop or arm, J, that projects downward along the side of the cutter D, the same loop being formed of one and the same piece with the rod I, which

is bent into the desired shape. The rear end of the rod I passes through a guide-eye, *k*, in the bow K that passes around the beam A, and is secured to it by a yoke, L, and by nuts. Upon the bow K may be formed more than one guide-eye, *k*, if desired, to enable the cleaner to be adjusted higher or lower, according to the depth at which the plow works in the ground.

By this construction, as the plow moves forward, the arm or loop J moves forward and back along the cutter D, and pushes off any grass, weeds, stubble, or other rubbish that may lodge upon it.

We are aware that reciprocating cleaners have heretofore been used in front of plows, and of sod-cutters, and operated by traction wheel and crank; but

What we claim is—

The combination, with the sod-cutter D and the wheel H, of the crank-rod I, the loop J, formed of one and the same piece with the crank-rod, and the bow K, having guide-eyes, substantially as and for the purpose described.

THEODORE WALLIS.
OSCAR J. CASE.

Witnesses:

HENRY H. BOSTWICK,
S. A. CARHART.