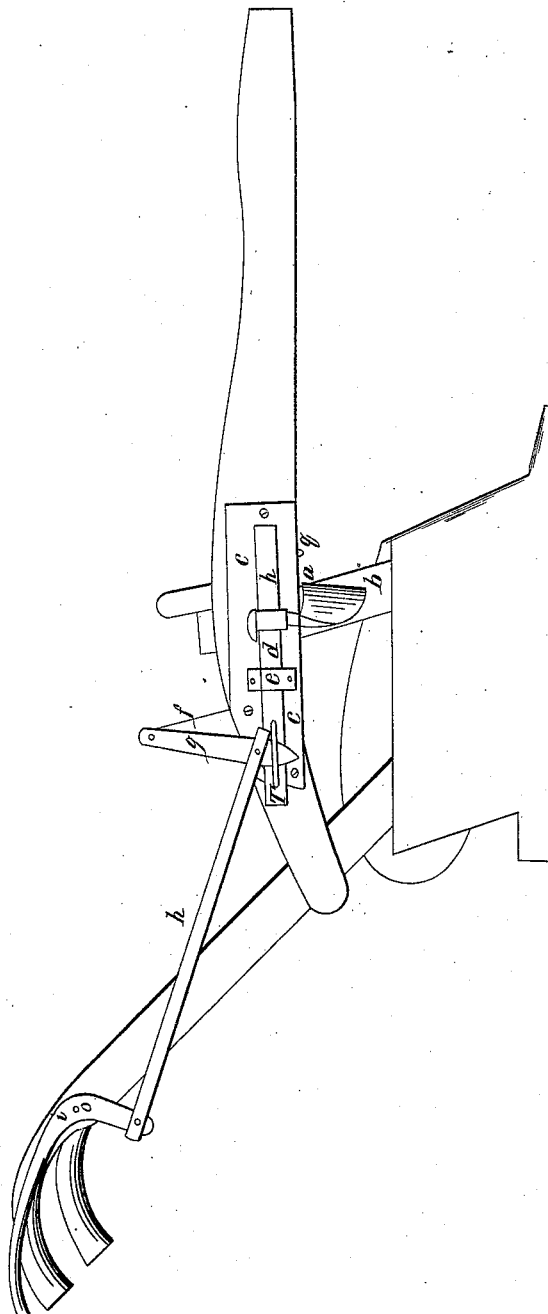


BATCHELDER & LEIBER.

Plow-Cleaner.

No. 53,100.

Patented Mar. 13. 1866.



Witnesses:
J. B. Baggott
Benj. E. Idemiller

Inventors:
William J. Batchelder
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UNITED STATES PATENT OFFICE.

WILLIAM J. M. BATCHELDER, OF DAYTON, AND CELESTIN LEIBER, OF HARRISBURG, OHIO.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. 53,100, dated March 13, 1866.

To all whom it may concern:

Be it known that we, WILLIAM J. M. BATCHELDER, of Dayton, in the county of Montgomery, in the State of Ohio, and CELESTIN LEIBER, of Harrisburg, in the county and State aforesaid, have invented a new and Improved Plow-Clog, of which the following is a specification.

The nature of our invention consists in constructing a device attached to a plow for the purpose of removing the grass, stubble, or other material which impedes the operation of plowing.

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

Figure A represents a plow with the device attached. The plate *c c* is attached to the plow-beam, as shown, and a groove, *k*, is formed in this plate, and in which the slide *d* moves. The slide is held in this groove by the strap *e*.

To the end of the slide *d* is attached the clog-piece *a*, the upper end of which passes through a thimble of the slide, in which it moves freely, and on this piece is an elongated head, which rests against the surface of the plate when the piece *a* is being withdrawn, and by which the front edge of the piece is made to move close to the post *b*.

The arm *f* supports the lever *g* from a joint at the upper end, and the lower end of this lever moves within and against the staple *r*, and to the lower end of this lever is attached the bar *h*, and to this bar, at its opposite end,

is attached the hand-lever *i*, which has a fulcrum at *o* on the plow-handle.

At *q* is shown a stud, against which the piece *a* is made to rotate in the operation of throwing aside the accumulated material. The stud may be dispensed with, as the pressure is sufficient to rotate it in plowing.

In the drawing the clog-piece *a* is shown in its proper position when not in use.

Operation: By depressing the handle of the lever *i* the clog-piece is moved forward, and the front part is rotated toward the side of the mold-board, carrying with it the accumulated material until it is disengaged, thus preventing the plow from becoming choked or clogged. By elevating the lever it is brought back to its first position.

Having thus fully described our invention, what we claim, and desire to secure by Letters Patent, is—

1. The clog-piece *a* and slide *d*, constructed and operating substantially as described, when connected to a plow-beam, for the purpose specified.

2. The combination of the clog-piece *a*, slide *d*, lever *g*, bar *h*, and lever *i*, constructed and arranged substantially as described, and for the purposes set forth.

WILLIAM J. M. BATCHELDER.
CELESTIN LEIBER.

Witnesses:

J. H. BAGGOTT,
HENRY EIDEMILLER.