

G. PAGE.

Revolving Moldboard.

No. 5,218

Patented Aug. 7, 1847.

Fig. 1.

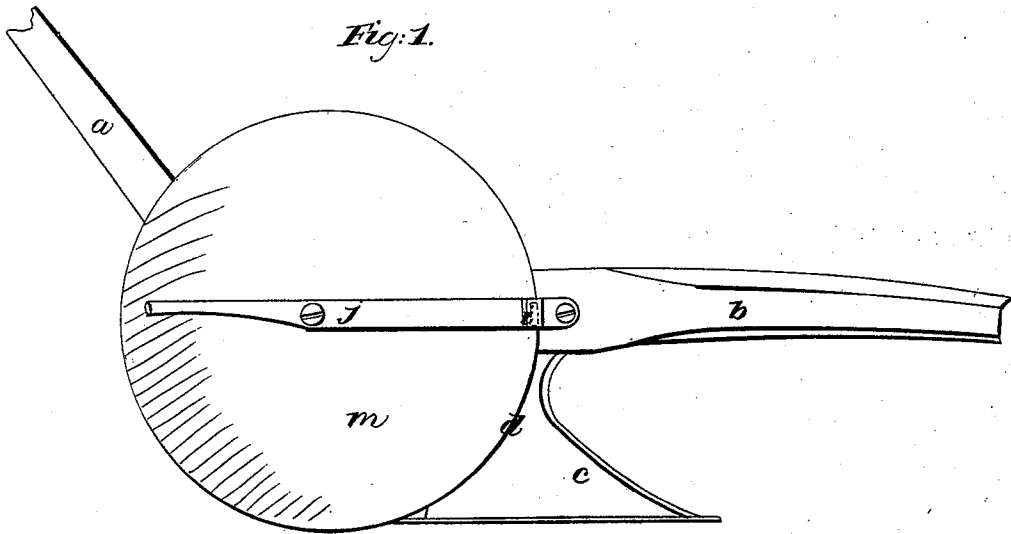
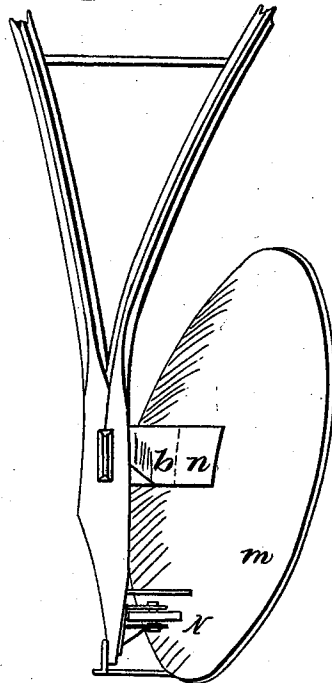


Fig. 2.



UNITED STATES PATENT OFFICE.

GEO. PAGE, OF WASHINGTON, DISTRICT OF COLUMBIA.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. 5,218, dated August 7, 1847.

To all whom it may concern:

Be it known that I, GEORGE PAGE, of the city and county of Washington, and District of Columbia, have invented a new and useful Improvement in Plows; and I do hereby declare that the following is a full, clear, and exact description of the principle or character which distinguishes it from all other things before known, and of the manner of making, constructing, and using the same, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a side elevation of the mold-board side, and Fig. 2 is a rear elevation.

The same letters indicate like parts in all the figures.

The nature of my improvement consists in supplying a revolving concave disk in place of the ordinary mold-board for turning the furrow, and adapting the other parts of the plow thereto.

In the accompanying drawings, *a* represents the handles of the plow, and *b* the beam. These are of ordinary construction, and are all connected together. The landside and share are also similar to some now in use. The cutter *c* is in one piece with the landside, and is thickened at its back edge, and there has a recess, *d*, curved so as to fit the periphery of the revolving mold-board. This mold-board *m* is attached to a bolster, *n*, projecting from one side of the beam by a bolt through the center of the disk, on which it turns as on an axle. The bolster is shaped somewhat to the back of the

disk, and aids in supporting it. A friction-roller, *r*, sustains the pressure against the lower edge of the mold-board at the heel, having its bearings in adjustable projections from the landside, by which the heel of the mold-board can be set out or in. Another small friction-roller may be placed in front of the disk at *i*, as shown by dotted lines, opposite the beam. This is sustained by a curved brace, *j*, which is attached to the beam in front of the mold-board. It curves out over the edge of the mold-board, and then follows its curve on a line with its radii to the center, when it is bolted, and then terminates beyond in a spring, which serves as a scraper to keep the mold-board clear.

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

1. The employment of a concave circular revolving mold-board for a plow, constructed substantially in the manner and for the purpose set forth.

2. The outer brace and scraper, in combination with the above, for the purposes set forth.

3. The employment of the friction-rollers, in combination with the revolving mold-board, substantially as above specified, for adjusting the heel of the mold-board out or in to regulate the furrow.

GEO. PAGE.

Witnesses:

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