L. C. GILLASPIE, Sr.

COTTON-SCRAPER.

No. 182,915. Patented Oct. 3, 1876.

Fig. 1.

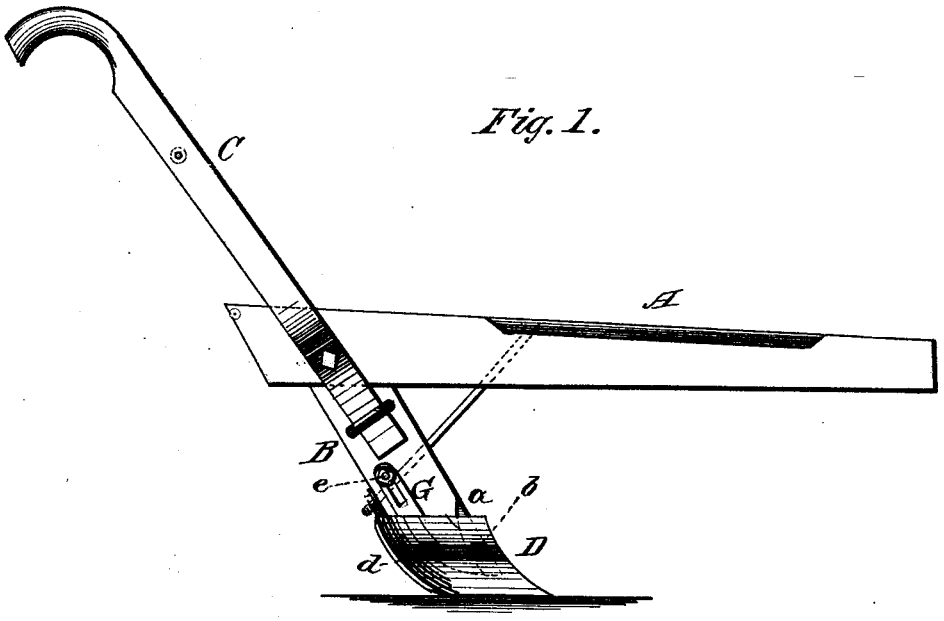
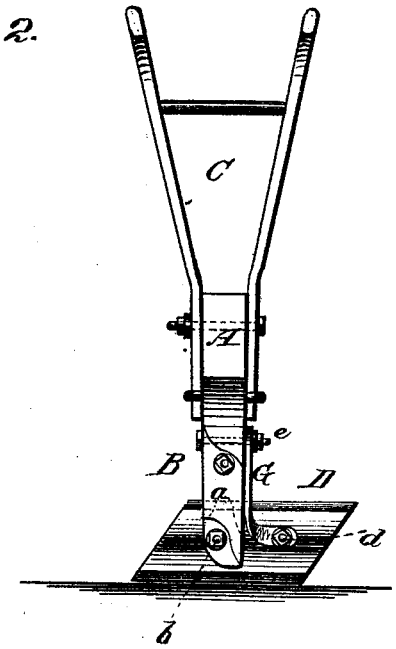


Fig. 2.



WITNESSES.

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LEROY C. GILLASPIE, SR., OF BROWNSVILLE, TENNESSEE.

IMPROVEMENT IN COTTON-SCRAPERS.

Specification forming part of Letters Patent No. **182,915**, dated October 3, 1876; application filed December 20, 1875.

To all whom it may concern:

Be it known that I, LEROY C. GILLASPIE, Sr., of Brownsville, in the county of Haywood and State of Tennessee, have invented certain new and useful Improvements in Corn and Cotton Scrapers; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specification.

The nature of my invention consists in the construction and arrangement of a corn and cotton scraper, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawings, in which—

Figure 1 is a side elevation, and Fig. 2 is a rear view of my invention.

A represents a plow-beam with foot B and handles C C. D is the scraper, made in the usual diamond form and fastened to the foot B. The lower end of the foot B is narrowed down, as shown at *a*, exactly where it comes in contact with the bed, and thereby puts the scraper immediately under the influence of the handles.

By raising the handles or lowering them the scraper can be made to run deep or shallow at pleasure, just as a turning-plow, and by bearing the handles a little to the right more angle is given to the scraper-wing—consequently the scraper is made to run to the left, which is nearer to the drill of the cotton or corn; and a pressure of the handle to the opposite direction guides it from the drill, because a motion of the handles to the left throws off angle of the wing—consequently the scraper naturally inclines to the right.

The scraper-wing D is fastened to the foot by means of a bolt, *b*, which passes through the foot and wing. This bolt is round where it passes through the foot and square in the wing, so that it can be turned at any angle desired, and the head of the bolt in the wing will still keep its smooth position, because the bolt turns in the foot, and not in the wing. Another bolt, *d*, passes through the wing for fastening the brace or angle regulator G to the under side thereof. This brace acts not only as a regulator of the angle of the wing, but also as a support for the wing. This brace or angle regulator has a slot in the upper end, which works on a bolt, *e*, passing through the foot, so that when the proper angle of the wing for any sized bed is ascertained by means of said bolt and nut *e*, the proper angle may be secured and retained.

The holes in the wing D for the two bolts *b d* are at such points that when the wing is reversed the bolts may be interchanged.

The top and bottom edges of the scraper are beveled to an edge, so that when one edge wears and becomes ill-shaped it may be reversed, and the other edge used.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

In combination with the plow-foot B, having its lower end narrowed, as shown at *a*, the scraper-wing D connected thereto by the pivot-bolt *b*, and the slotted angle-regulator G, connected to the wing and to the plow-foot, substantially as shown and described.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

L. C. GILLASPIE, SR.

Witnesses:

FRANK M. TAYLOR,

ROBT. S. THOMAS.