J. L. PUGH.

Corn and Cotton Scraper.

No. 216,059. Patented June 3, 1879.

Fig. 1.

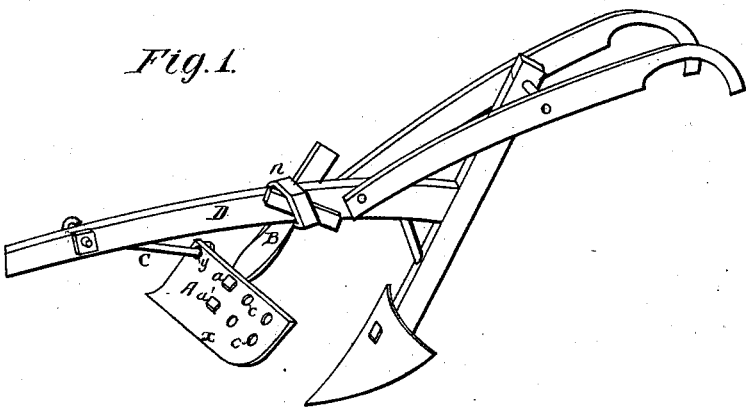


Fig. 2.

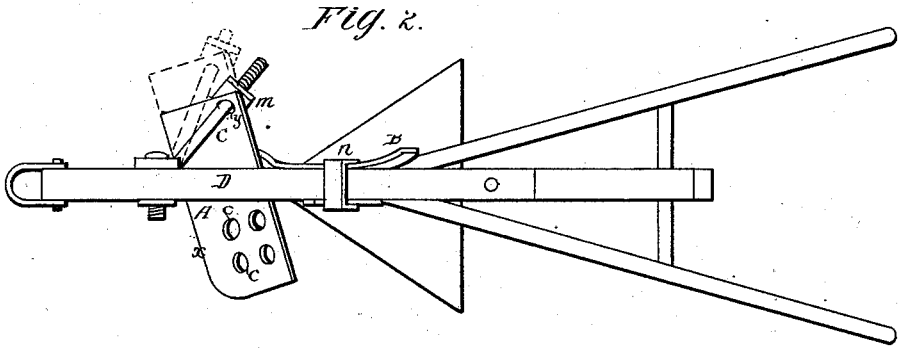
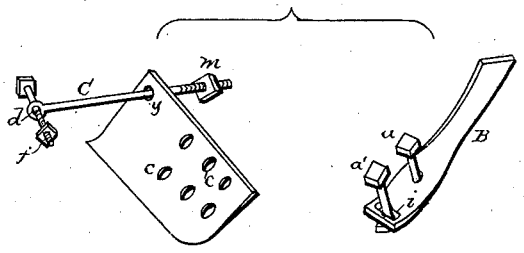


Fig. 3.



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JAMES L. PUGH, OF HAMBURG, ARKANSAS.

IMPROVEMENT IN CORN AND COTTON SCRAPERS.

Specification forming part of Letters Patent No. **216,059**, dated June 3, 1879; application filed March 5, 1879.

To all whom it may concern:

Be it known that I, JAMES L. PUGH, of Hamburg, Ashley county, State of Arkansas, have invented Improvements in Cotton-Scrapers, of which the following is a specification.

My invention is an improved attachment for shovel-plows; and consists in a device constructed for application to the plow-beam, as fully described hereinafter, and adjustable thereon, for the purpose of scraping the ridges of cotton and corn fields, &c., before the plow-blade acts thereon.

In the drawings forming part of this specification, Figure 1 is a perspective view, showing my device applied to a shovel-plow; Fig. 2, a plan view; and Fig. 3, a view showing the device, the parts detached.

The device consists of a blade, A, sharp at the lower edge, *x*, slightly curved, rounded at the inner corner, and having parallel series of bolt-holes *c* and a corner hole, *y*, and with this blade are combined a bracket, B, and brace C. The bracket B is a plate twisted as shown, to lie flat at the upper end against one side of the plow-beam D, and present a face at the lower end at an angle to the line of the beam, upon which face lies the blade *a*, secured by bolts *a a'*.

The bracket is secured adjustably to the plow-beam by a colter-band, *n*, wedged tightly, or is otherwise connected to the beam.

The lower bolt-hole, *i*, in the bracket B is elongated, forming a transverse slot, in which the bolt *a'* can play to permit the scraper-blade A to be tilted to the desired angle.

By passing the bolts *a a'* through different holes of the series *c*, the blade can be extended laterally to a greater or less degree; but whatever may be the adjustment thus effected, the angle may be regulated by the movement of the bolt *a'* in the slot *i*, as before described.

The brace C consists of a rod having an eye, *d*, at one end, by which it is secured to the bolt *f*, which connects it to the plow-beam, and which is threaded at the other end and passes through the hole *y* of the scraper to receive a nut, *m*.

The brace serves to support the scraper in its position after adjustment, removes strains from the pins or bolt and bracket, yet accommodates itself to the different positions to which the scraper is adjusted.

It will be apparent that the above-described device is extremely simple in its construction, can be readily applied to ordinary plows in use, and is capable of the adjustments necessary to adapt it to the inclinations, positions, and character of the ridges to be scraped.

I claim as my invention—

The combination of the bracket B, its bolts *a a'*, slot *i*, the blade A, its series of openings *c*, and brace C, and its adjustable nut *m*, whereby the blade may be applied to a beam in front of a plow, and adjusted angularly, laterally, and horizontally, and secured after adjustment, as specified.

JAS. LESTER PUGH.

Attest:

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