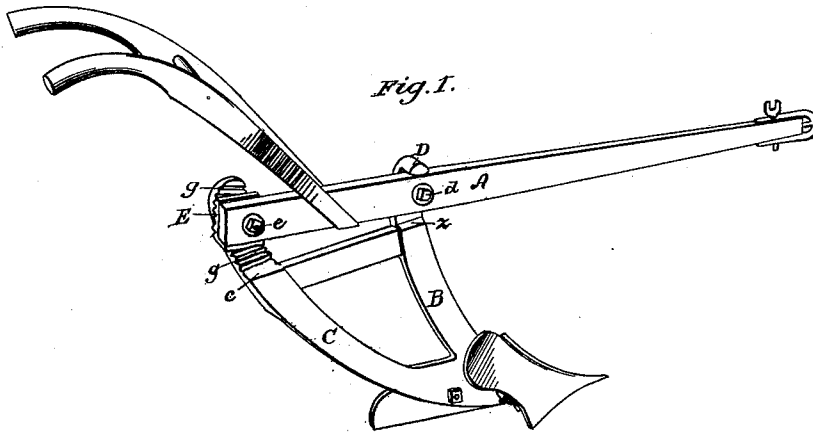
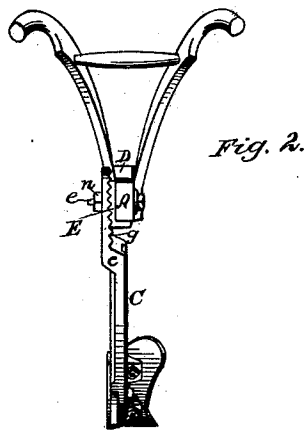
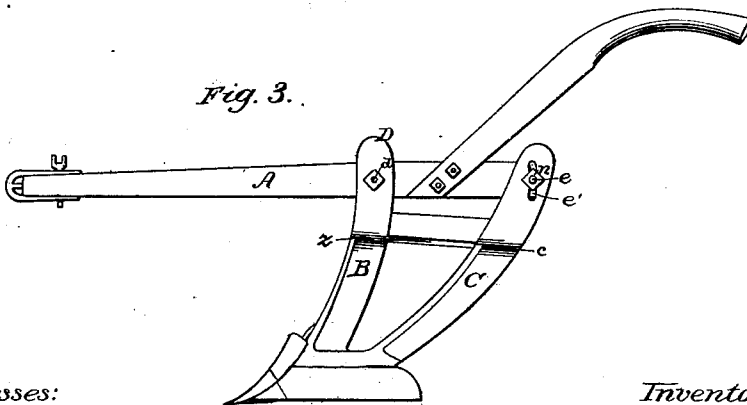


La F. W. LILES.

FLOW.

No. 191,688.

Patented June 5, 1877.



Witnesses:

Clarence Poole
W. O. Guy

Inventor:

Lafayette W. Liles
per atty. A. H. Evans & Co.

UNITED STATES PATENT OFFICE.

LA FAYETTE W. LILES, OF JACKSON, MISSISSIPPI.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. **191,688**, dated June 5, 1877; application filed March 23, 1877.

To all whom it may concern:

Be it known that I, L. W. LILES, of Jackson, Mississippi, have invented certain new and useful Improvements in Plows, of which the following is a clear, full, and exact description, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a perspective view of a plow with my improvements attached. Fig. 2 is a rear view of the plow. Fig. 3 is a side elevation.

My invention relates to an adjustment of the set of the plow, either deep or shallow; and it consists in the general construction and arrangement of parts, as hereinafter explained and claimed.

To enable others skilled in the art to make and use my invention, I will proceed to describe the exact manner in which I have carried it out.

In the drawings, A represents the plow-beam, and B C the standards of the plow. The front standard B is constructed with an offset, *z*, to throw the body of the standard centrally under the beam when secured in position, as shown in Fig. 3. On top of this standard is cast a lug, D, the under part of which is circular, to correspond with the arc of the circle through which the plow moves in its adjustment, as hereinafter explained. This lug D rests upon the beam A, as shown in

Fig. 1, and the standard is pivoted to the beam by the bolt *d*. To the rear end of the beam is secured a grooved plate, E, and against this grooved plate is fitted the rear standard C, also constructed with grooves *g*, fitting into the grooves in the plate E, as shown in Fig. 2. The standard is held in position by the screw-bolt *e* passing through slotted opening *e'* made in the upper end of the standard C and the screw-nut *n*, as shown in Fig. 3. By means of the slotted opening *e'* the standard C may be raised or lowered to adjust the set of the plow, and, when properly adjusted, the screw-nut forces the grooves of the standard into the grooves of the plate E, and the plow is held securely in position. The rear standard C is also constructed with the offset *c* to bring the body of the standard centrally under the beam when secured in position.

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

The pivoted standard B, provided with the circular-faced lug D, and the slotted standard C, provided with the grooves *g*, in combination with the beam A, provided with the grooved plate E, all constructed to operate substantially as and for the purpose set forth.

LA FAYETTE WASHINGTON LILES.

Witnesses:

D. J. BROWNE,
E. H. REBER.