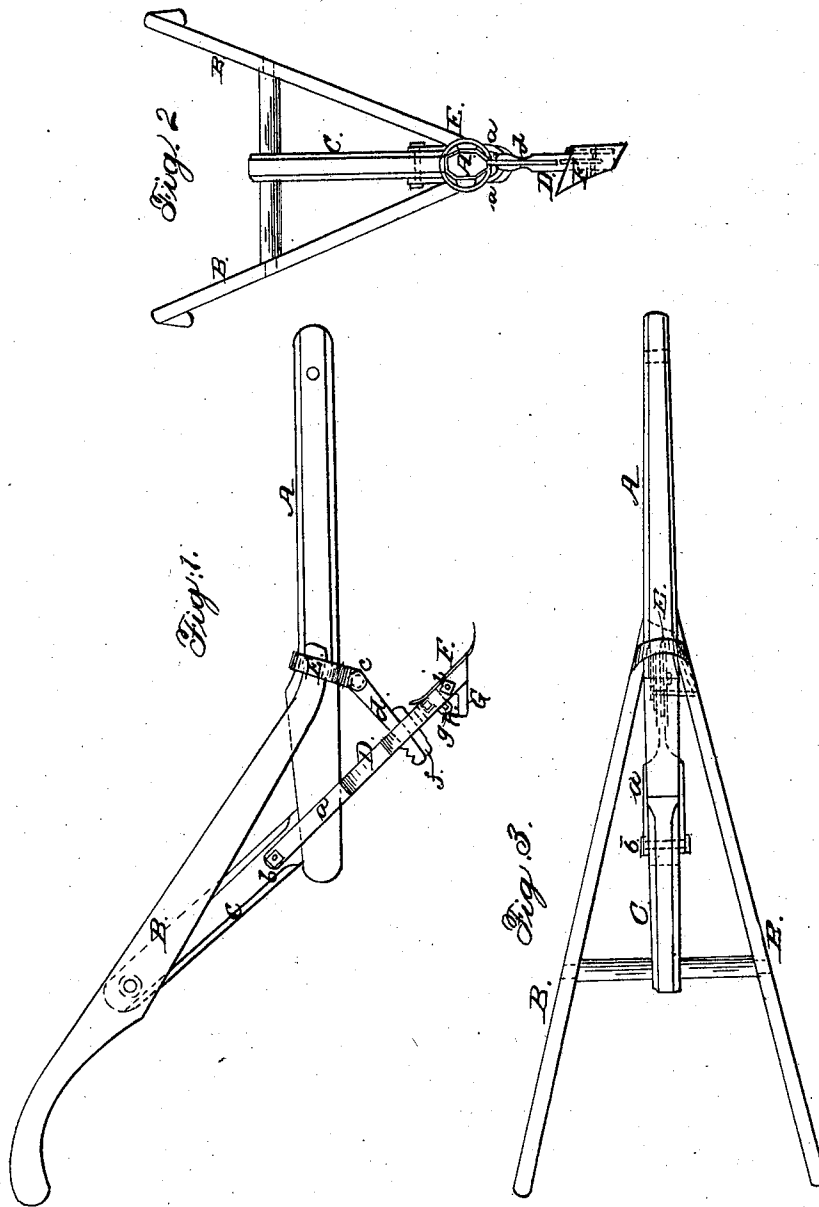


E. BASS.
Shovel-Plow.

No. 30,793.

Patented Dec. 4, 1860.



WITNESSES:

W. Cooney
R. S. Spencer

INVENTOR:

E. Bass
per *Miner & Co.*
Attorneys

UNITED STATES PATENT OFFICE.

EVERETT BASS, OF PACHITLA, GEORGIA.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. **30,793**, dated December 4, 1860.

To all whom it may concern:

Be it known that I, EVERETT BASS, of Pachitla, in the county of Calhoun and State of Georgia, have invented a new and Improved Plow; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a side view of my invention; Fig. 2, a front view of the same; Fig. 3, a plan or top view of the same.

Similar letters of reference indicate corresponding parts in the several figures.

To enable those skilled in the art to fully understand and construct my invention, I will proceed to describe it.

A represents a beam, and B B the two handles of the plow, and C a brace or support for the handles. These parts may be of usual constructions, and therefore do not require a minute description.

D is a foot or bar, which is constructed of iron, and has a loop or fork, *a*, at its upper part. This loop or fork is fitted over the back part of the beam, and is secured by a bolt, *b*, to the lower part of the brace C, the fork being allowed to work freely on the bolt.

On the beam A a band, E, is fitted, and to the under side of the band there is attached by a pivot, *c*, a rod, *d*. This rod *d* has its upper surface near its outer end serrated, as shown at *e*. The outer part of the rod *d* passes through a slot in the foot or bar D, and the serrated part of the rod *d* is kept in contact with the upper edge of the slot by a key, *f*. The foot or bar D may be secured in a more or less inclined position by adjusting the foot or bar a greater or less distance on the rod *d*.

To the lower end of the foot or bar D the share F is attached by means of a loop, *g*, and key *h*, the loop being attached to the back of the share and passing through a hole in the foot or bar, the key *h* being driven through the loop at the back side of the foot or bar D.

To the lower end of the foot or bar there is attached a bar, G. The latter serves as a land-side or guide and prevents any lateral movement of the implement as it is drawn along. The back part of the bar G has a horizontal position, as shown clearly in Fig. 1; but the front part is bent upward, placed at one side of the foot or bar D, and is secured thereto by a screw-bolt, *i*. By this arrangement the bar G may be detached from the foot or bar at any time when necessary or when it is not required. This is an important feature of the invention, as in some cases the guide-bar is not required—as, for instance, when a shovel or scooter-share is attached to the foot and the implement used simply as a weed-eradicator. When, however, a mold-board share is required, as in the plowing of earth toward and from plants, the guide-bar is necessary in order to keep the plow running in a direct course, thereby preventing the plants being thrown out by any casual lateral movement of the plow.

When the guide-bar G is used the foot or bar D has a more inclined position than when said guide-bar is not employed, as the shovel or scooter-share requires to have a more raking position than the mold-board share; hence the advantage of having some ready means for adjusting the foot or bar in a more or less inclined position.

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

The arrangement of the forked and slotted adjustable bar D, beam A, band E, and hinged serrated adjusting-rod *d* with the guide-bar G, all as shown and described, for the purposes set forth.

EVERETT BASS.

Witnesses:

WM. J. HANESLY,
REUBEN BASS.