

A. SCHUETZ.

FLOW.

No. 182,862.

Patented Oct. 3, 1876.

FIG. 1

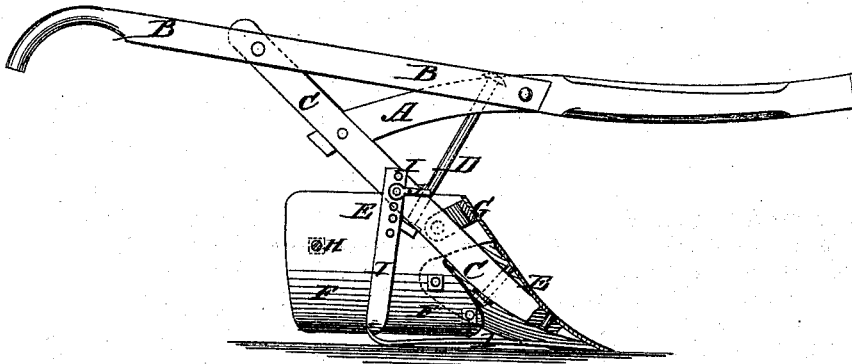
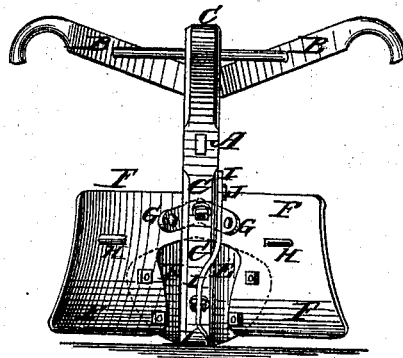


FIG. 2



WITNESSES:

Francis McAvette,
John Goethals

INVENTOR:

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BY *Munn & Co.*

ATTORNEYS.

UNITED STATES PATENT OFFICE.

ADAM SCHUETZ, OF CARONDELET, MISSOURI.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. **182,862**, dated October 3, 1876; application filed June 26, 1876.

To all whom it may concern :

Be it known that I, ADAM SCHUETZ, of Carondelet, in the county of St. Louis and State of Missouri, have invented a new and useful Improvement in Plows, of which the following is a specification:

Figure 1 is a side view of my improved plow, partly in section, to show the construction. Fig. 2 is a rear view of the same.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish an improved plow for forming ridges for planting sweet potatoes, and which may be easily adjusted to adapt it for any of the uses of an ordinary plow.

The invention will first be described in connection with the drawing, and then pointed out in claim.

A is the beam, B are the handles, C is the standard, and D is the brace, of the plow, about the construction of which parts there is nothing new. E is a shovel, which is attached to the lower end of the standard C in the usual way. F are two wings or mold-boards, the lower part of the forward ends of which underlap, and are bolted to the wings of the shovel E. The upper part of the forward ends of the mold-boards F are bolted to the ends of a bow, G, which is supported by the standard C. The rear parts of the mold-boards F are supported against inward pressure by a cross-

brace, H, the ends of which are secured to said mold-boards F. The mold-boards F are made long and high, so that they may throw up the adjacent sides of two ridges at each passage across the field. To the point of the shovel E is secured the forward end of a bar, I, which passes back nearly to the rear ends of the mold-boards F, is then bent upward at right angles, and its upper end is secured to the standard C by a bolt and hand-nut, J. Several holes are formed in the upper part of the bar I, to receive the bolt J, so that the said bar may be adjusted to cause the plow to work deeper or shallower in the ground, as may be desired. The bar I also serves as a foot to cause the plow to run steadier, and enable it to be more easily guided.

By detaching the mold-boards F, the plow becomes an ordinary shovel-plow, and may be used for any of the purposes to which such plows are applied.

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

The combination of the wings E F, bow G, cross-piece H, and bar I, arranged in a plow-frame, substantially as and for the purpose specified.

ADAM SCHUETZ.

Witnesses:

GEORGE JO. THEIRS,
HENRY I. HORST.