J. GORHAM.

Shovel-Plow.

No 26,349. Patented Dec. 6, 1859.

Fig: 1.

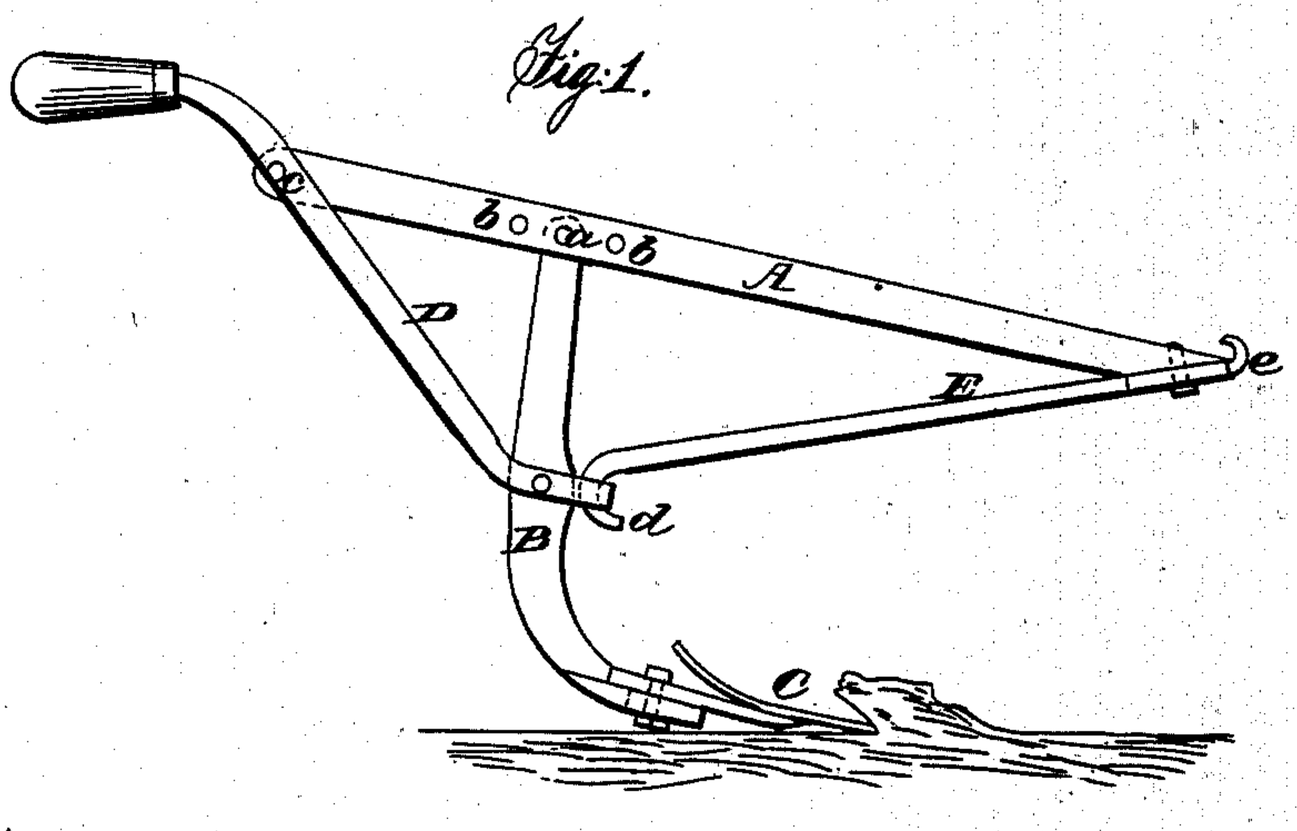
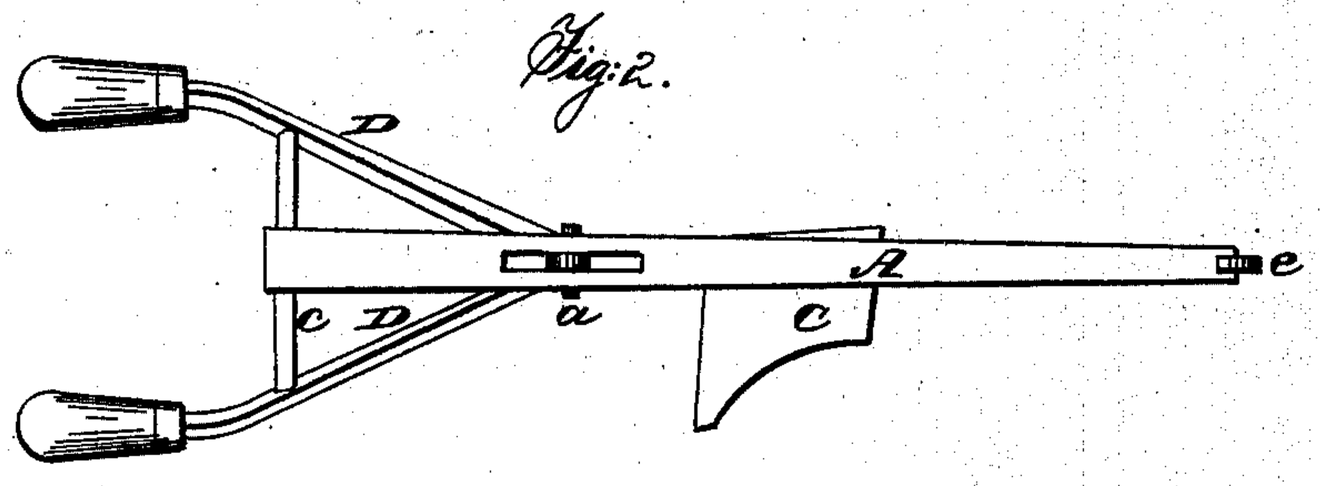


Fig: 2.



Witnesses.

T. B. Wilson

W. A. McLaughlin

Inventor:

Jackson Gorham

UNITED STATES PATENT OFFICE.

JACKSON GORHAM, OF BAIRDSTOWN, GEORGIA.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. **26,349**, dated December 6, 1859.

To all whom it may concern:

Be it known that I, JACKSON GORHAM, of Bairdstown, in the county of Oglethorpe and State of Georgia, have invented a new and useful Improvement in Plows; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a side view of my improvement. Fig. 2 is a plan or top view of the same.

Similar letters of reference indicate corresponding parts in both figures.

This invention consists in a peculiar manner of constructing the plow, as hereinafter fully shown and described, whereby a strong, light, durable, and economical plow is obtained. The invention is chiefly applicable to what is generally known as the "shovel" or "cultivator" plow.

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

A represents the beam of the plow, which is of wood, and may be made of quadrilateral form, slightly tapering, gradually diminishing from its back to its front end.

B is a standard or foot-piece, constructed of wrought-iron, and is a flat bar, its upper end being secured by a pin, *a*, in a mortise in the beam A, and in either of a series of holes, *b*, a certain degree of adjustment being thereby allowed the standard. (See Fig. 1.) The said standard or foot-piece is placed edgewise to the plane of the movement of the plow, and its lower part is curved forward and has the share C attached, as plainly shown in Fig. 1.

D D are handles of the plow. These handles may be formed of a single wrought-metal bar, bent at its center to fit snugly around the standard or foot-piece B, and secured to it by rivets or otherwise, the ends of the bar being bent so as to diverge and occupy portions relatively with each other, quite similar to the handles of ordinary plows. (See Fig. 2.) The handles, near their outer ends, are connected by a metal traverse-bar, *c*, which passes through the back end of the beam A.

E is a stay-rod, which is also of wrought metal, and has its front end attached permanently to the front end of the beam A, the back end of the rod being attached to the ends of the handles D D, where they encompass the standard, either by a hook, *d*, by a weld, or by rivets or bolts. The front end of the rod E projects a trifle above the front end of the beam A, and is bent to form a hook, *e*, to which the whiffletree is attached.

By this invention the plow may be very rapidly constructed. An ordinary blacksmith can make from six to eight per day. They may be quite light, weighing only from seventeen to twenty pounds, and still be perfectly strong and durable.

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

The arrangement of the vertical curved standard B, shovel C, curved handle-straps D, hooked inclined brace E, and adjustable beam A, as herein shown and described.

JACKSON GORHAM.

Witnesses:

O. A. MCLAUGHLIN,

T. B. WILSON.