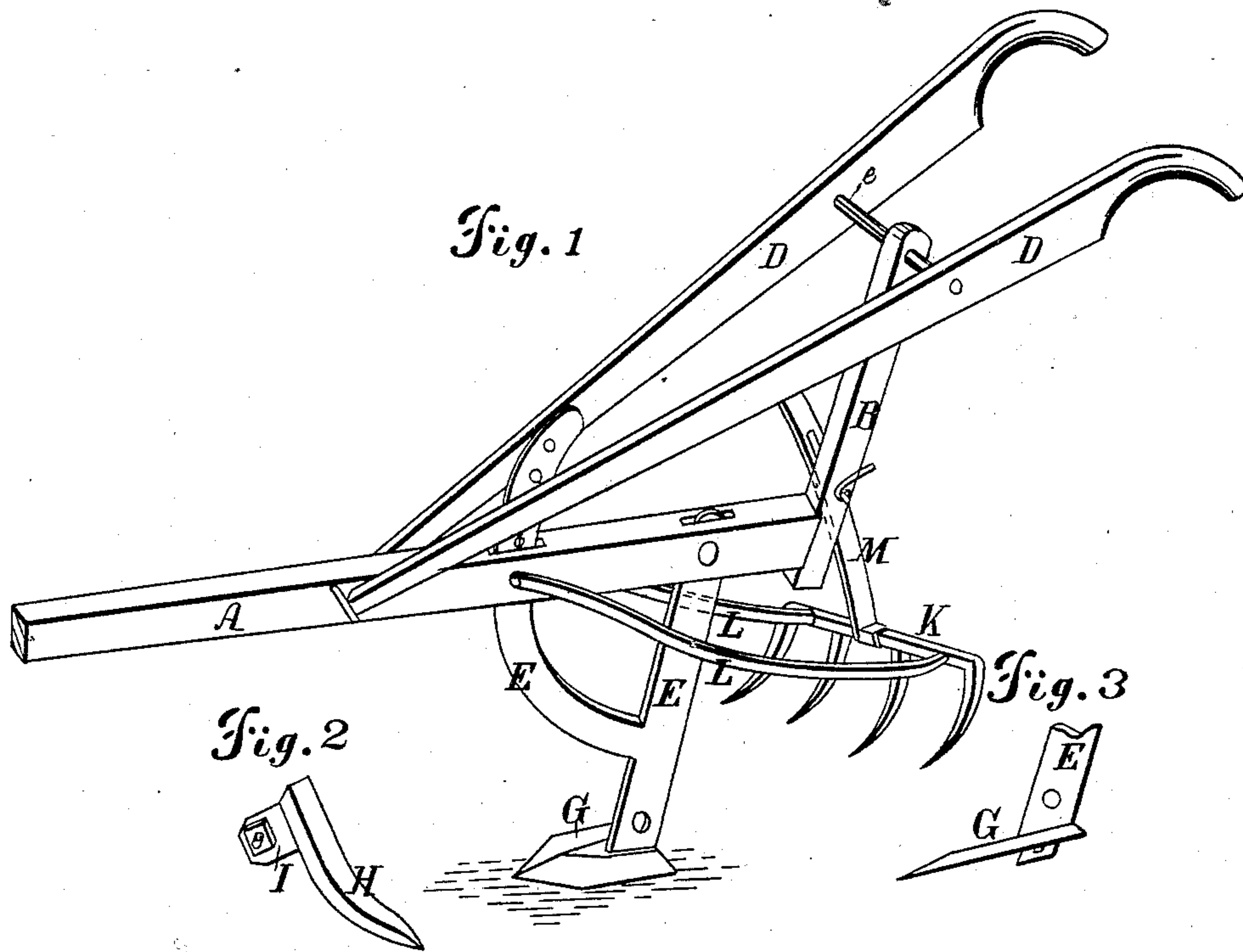


T. DILLON.

Corn Plow.

No. 84,094.

Patented Nov. 17, 1868.



WITNESSES:  
*Samuel Cox*  
*Leopold Overtz*

INVENTOR:  
*Thomas Dillond*  
*per*  
*Charles T. Mason*  
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# United States Patent Office.

THOMAS DILLON, OF HIGHLAND, OHIO.

Letters Patent No. 84,094, dated November 17, 1868.

## IMPROVEMENT IN CORN-PLOWS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, THOMAS DILLON, of Highland, in the county of Highland, and in the State of Ohio, have invented certain new and useful Improvements in Corn-Plow; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in the construction and general arrangement of a plow, but more particularly in the plow-blade, which is adapted to any kind of plow, whether single or double-shovel, sulky-plow, or subsoiler.

In order to enable others skilled in the art to which my invention appertains, to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawings, which form a part of this specification, and in which—

Figure 1 is a perspective view of the plow, and

Figures 2 and 3, side views of plow-blades belonging to the same.

A represents the centre-beam, to the front end of which the team is attached. At the rear end of this beam is an upright or nearly upright bar, B, secured, which, at its upper end, is fastened to a cross-bar, C. This cross-bar connects and braces the handles D D, the front ends of which are secured at suitable points to the beam A.

Near the rear end of the beam A is a slot through the same, from the upper to the lower side, in which slot the upper end of the plow-beam E is pivoted. At a suitable distance above the lower end of the said plow-beam E, a bent arm, F, projects, which arm extends up through another slot in the beam A. This arm, being provided with a series of holes, as seen in fig. 1, can, by means of a bolt and nut, be secured at any point in the said slot, as may be desired, thus raising or lowering the lower end of the plow-beam E, to which the plow is secured.

The lower end of the plow-beam E is tenoned, as shown at fig. 3, and this tenon is passed through a hole or slot in the plow G. A small wedge is then inserted

in a hole in said tenon, under the plow-blade, holding the same firmly to the beam.

The plow-blade G is flat on its under or bottom side, and the upper side bevelled from the centre down to the edges, as shown in fig. 1. The plow-blade is also bevelled from the front edge, forming a sharp point in the centre.

Instead of the flat shovel G, I may substitute a crooked plow-blade, H, fig. 2, which is provided on its rear side with a lug or ear, I, and is attached to the plow-beam E, by means of a bolt passing through said lug, and through the beam. The edges of the crooked plow-blade H are also bevelled from the point to the rear, forming on the front side a flat curved surface.

A harrow, K, is placed in rear of the plow-beam E, in the position shown in fig. 1, said harrow having an arm or handle, M, extending upwards. This arm is slotted at its upper end, and adjusted on the bar B by means of a bolt and nut, so that the harrow can be raised or lowered at will.

Two braces, L L, are secured to the harrow K, which braces extend forward, one on each side of the beam A, and are secured to the same by the same bolt which adjusts the bent arm F.

It will thus be seen that the harrow can be put on or taken off at pleasure.

Having thus fully described my invention,

What I claim as new, and desire to secure by Letters Patent is—

1. The tenoned plow-beam E, pivoted in the beam A, and provided with a bent arm, F, by which it is adjusted at any height desired, substantially as herein set forth.

2. The curved plow-blade H, provided with an ear or lug, I, for the purpose of attaching it to the plow-beam E, substantially as herein set forth.

In testimony that I claim the foregoing, I have hereunto set my hand, this 31st day of August, 1868.

THOS. DILLON.

Witnesses:

JOHN S. WRIGHT,  
LIZZIE KELLY.