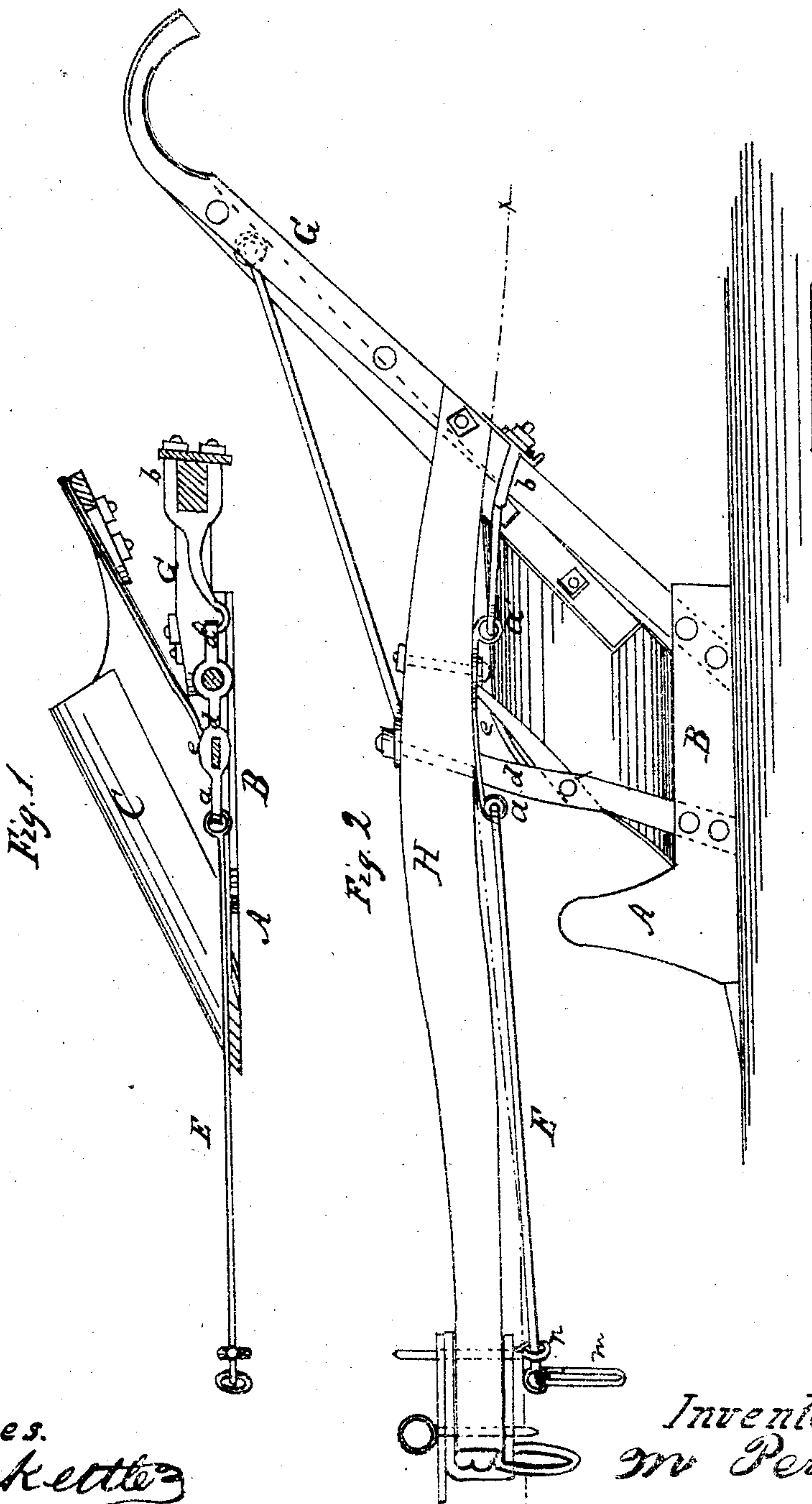


M. Penning.
Plow.

Nº 76243

Patented Mar. 31, 1868.



Witnesses.
H. C. Ashkett
J. A. Graser.

Inventor.
 Wm Perming
 & per Munnell
 Attorneys

United States Patent Office.

MATHIAS PENNING, OF LEAVENWORTH CITY, KANSAS.

Letters Patent No. 76,243, dated March 31, 1868.

IMPROVEMENT IN PLOUGHS.

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

TO WHOM IT MAY CONCERN:

Be it known that I, MATHIAS PENNING, of Leavenworth City, in the county of Leavenworth, and State of Kansas, have invented new and useful Improvements in Ploughs; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figures 1 and 2 are respectively a plan and side view of my improvements.

Similar letters of reference indicate corresponding parts.

This invention consists in the arrangement of the parts as hereinafter described.

A is the coulter, which is formed with a horizontal extension, B, bolted to the land-side. By this arrangement the coulter is more firmly attached to the land-side, and is found to operate in a very satisfactory manner.

e is a plate, with two eyes, a a'. A rod, E, provided with a link, m, and passing through an eye-bolt, n, connects with the plate e, as shown. A clip, b, attached to the plough-handle G, hooks into the eye a' of the plate e. By this arrangement the handle G is held tightly and prevented from becoming loose.

The plate e also prevents the upright, d, which passes through it and the plough-beam H, from wearing a hole in the latter. The rod E may be used in connection with the clevis, if desired, for attaching the team.

By practical trial this arrangement of parts has been proven to operate in a satisfactory manner. A plough so constructed is not liable to get out of repair.

I am aware that ploughs have been made remotely similar to the one above set forth, and do not claim these devices broadly; but

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

The combination and arrangement of the coulter A, having a horizontal extension, B, bolted to the land-side, the rod E, eye-bolt n, eye-plate e, clip b, upright, d, plough-handle G, and plough-beam H, all constructed and operating substantially as and for the purpose shown and described.

MATHIAS PENNING.

Witnesses:

J. W. FARRELL,
CHARLES SPRICK.