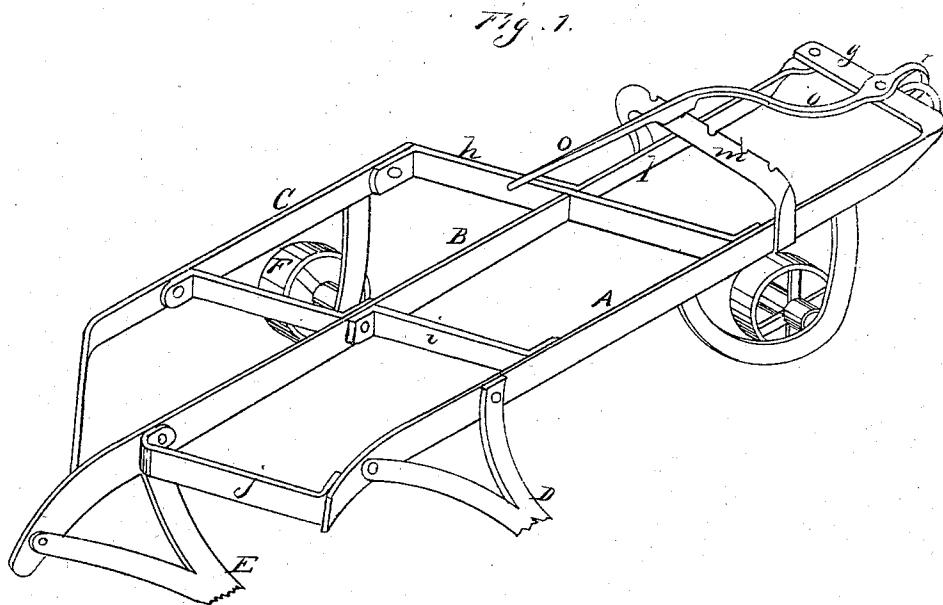


A. KAUFMAN.

Plow-Clevises.

No. 137,078.

Patented March 25, 1873.



Witnesses

J. L. Poore
C. M. Richardson

August Kaufman
per Dewey C
Atty

UNITED STATES PATENT OFFICE.

AUGUST KAUFMAN, OF DAVISVILLE, CALIFORNIA.

IMPROVEMENT IN PLOW-CLEVISES.

Specification forming part of Letters Patent No. 137,078, dated March 25, 1873.

To all whom it may concern:

Be it known that I, AUGUST KAUFMAN, of Davisville, Yolo County, State of California, have invented an Improved Plow-Clevis; and I do hereby declare the following description and accompanying drawing are sufficient to enable any person skilled in the art or science to which it most nearly appertains to make and use my said invention or improvement without further invention or experiment.

My invention relates to an improved clevis by which the direction of draft can be shifted readily without stopping the team.

In order to more fully illustrate and explain my invention reference is had to the accompanying drawing forming a part of this specification, in which—

Figure 1 is a perspective view of the plow-frame and clevis.

A B C are three parallel plates or bars of metal of the desired strength. The two bars A B form the supporting-beams to which the plows D E are secured, and the other on C forming an outside support for the wheel F. The metal beam A forms the inner side of the plow-frame, and its forward end is bent at right angles to the beam so as to form the draft-bar *g*. The middle beam B extends further back in the rear than the beam A, but does not extend forward as far; but the outer beam C is bent to an obtuse angle at both ends so that its rear end is secured to the rear end of the beam B, while its forward end extends diagonally across to beam A to which it is secured, thus providing a support for the forward end of beam B. The two beams

A B and B C are strengthened by diagonal braces *h i j*. A short metal beam, *l*, then connects the outer end of the draft-bar *g* with the diagonal portion of beam C in a line with beam B and parallel with beam A, thus forming a metallic frame of great strength. A transverse plate, *m*, has one end secured to the beam A, while its opposite end is secured to the beam *l* a short distance back of the draft-bar, the upper edge of which is formed into a rack. The clevis consists of a metal-rod, *o*, the front end I of which is bent to a U-shape so as to clasp the draft-bar above and below, in which position it is secured by a bolt passing through the rod and draft-bar. The rear end of the bar *o* is bent upward so as to pass above the rack *m*, and form a lever by which the position of the clevis can be changed. By shifting the lever in either direction along the rack the clevis will be given an opposite direction or draw so as to give the plow more or less land, as desired, and this can be done without stopping the team.

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

The clevis *r*, with its lever-handle *o*, in combination with the rack *m*, substantially as and for the purpose described.

In witness whereof I hereunto set my hand and seal.

AUGUST KAUFMAN. [L. S.]

Witnesses:

E. COOK,

JOSEPH GERMESHAUSEN.