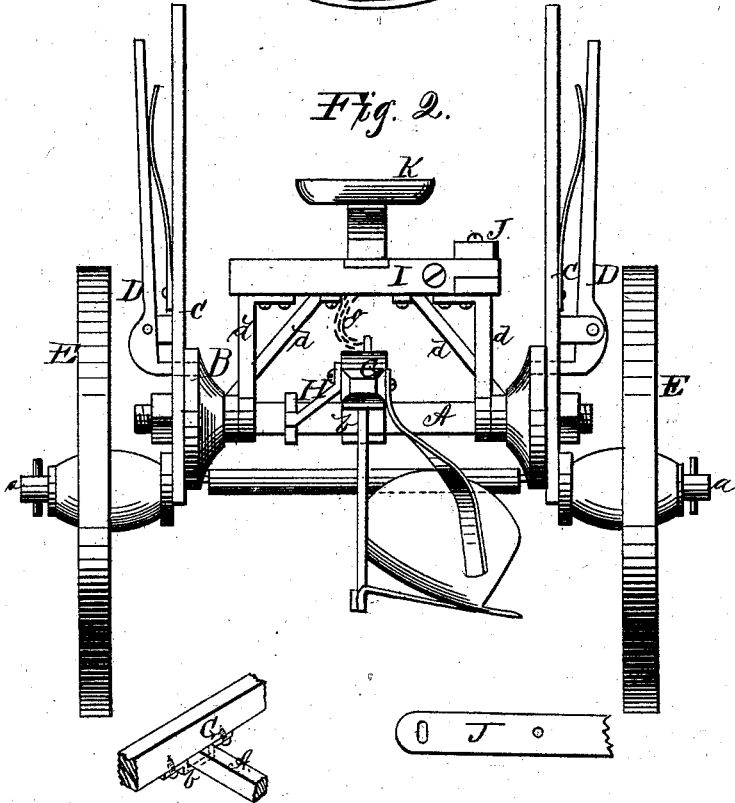
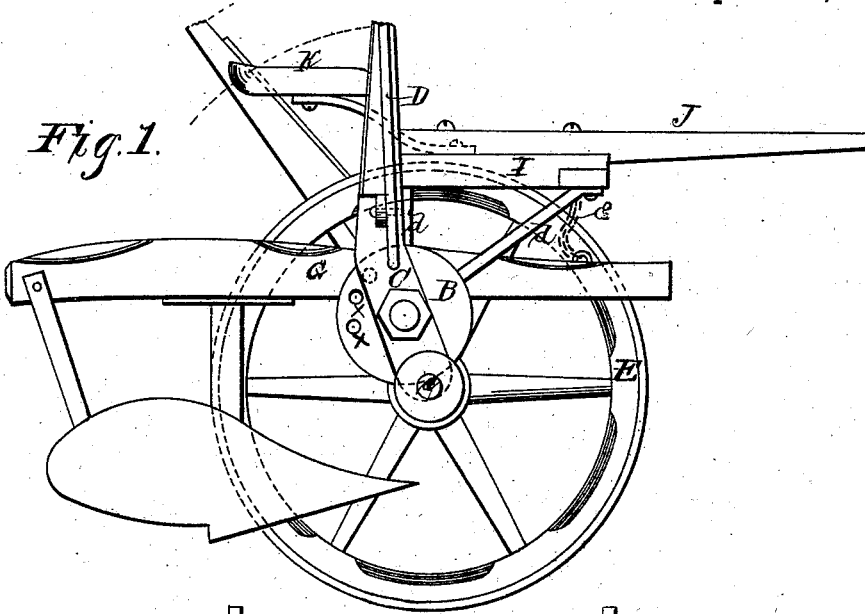


W. L. EDWARDS.

PLOW.

No. 190,016.

Patented April 24, 1877.



WITNESSES
H. Aubrey, Testamin.
G. L. Curande

INVENTOR
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UNITED STATES PATENT OFFICE.

WILLIAM L. EDWARDS, OF ELLISON, ILLINOIS.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. 190,016, dated April 24, 1877; application filed November 16, 1876.

To all whom it may concern:

Be it known that I, WILLIAM L. EDWARDS, of Ellison, in the county of Warren and State of Illinois, have invented certain new and useful Improvements in Plows; and I 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, making a part of this specification.

The nature of my invention consists in the construction and arrangement of a sulky-plow, as will be hereinafter more fully set forth.

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 drawing, in which—

Figure 1 is a side elevation of my plow, and Fig. 2 is a rear view of the same.

A represents the axle, made square, as shown, and provided at each end with a disk, B, having a series of perforations, *x*. In the center of each disk B is pivoted a lever, C, formed at the lower end with a projecting spindle, *a*, upon which the driving-wheel E is placed. Each lever C is provided with a pivoted spring-dog, D, to enter either one of the perforations *x* in the disk B. By this means one or both wheels may be raised or lowered, as required, with relation to the axle.

G represents the plow-beam, held on top of the axle A by means of a square clip, *b*, passing around the axle, and fastened to the under side of the plow-beam. H is a brace, secured to the left side of the plow-beam, and running to and surrounding the axle, for steadying the beam.

The clip or box *b* is movable on the axle, thus admitting of the plow being set easily to or from land, as may be required.

J is the tongue, fastened on a frame, I, and this frame connected to the axle by two braces, *d d*, at each side, which braces form

loops surrounding rounded portions of the axle. The tongue thus works independent of the plow, and is loosely attached to the axle.

The front end of the plow-beam is, by a chain, *e*, connected with the tongue or tongue-frame, to keep the plow from tipping too low.

It will be noticed that by means of either lever C the plow may be raised out of the ground, and the depth at which it is to work easily regulated.

The tongue J may be used either for two or three horses by changing from the outside of the frame to the center for the two horses. The rear end of the tongue is slotted transversely, so that the tongue may be set to the right or left, to give the plow more or less land.

By the construction of the tongue as described it works loose from all attachments, and there is no bearing on the neck-yoke except the weight of the tongue.

K is the driver's seat, supported on a spring in the center of the frame I for three horses, and on top of the tongue when two horses only are used.

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

The combination, in a wheel-plow, of the square axle A, the beam G, supported on top of the same, and held thereto by the clip *b*, and the brace H, connected to the beam, and having a square loop to pass around the axle, thereby providing for lateral adjustment of the beam on the axle, all constructed substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 24th day of October, 1876.

WILLIAM L. EDWARDS.

Witnesses:

C. L. EVERT,
MERCHANT RANDALL.