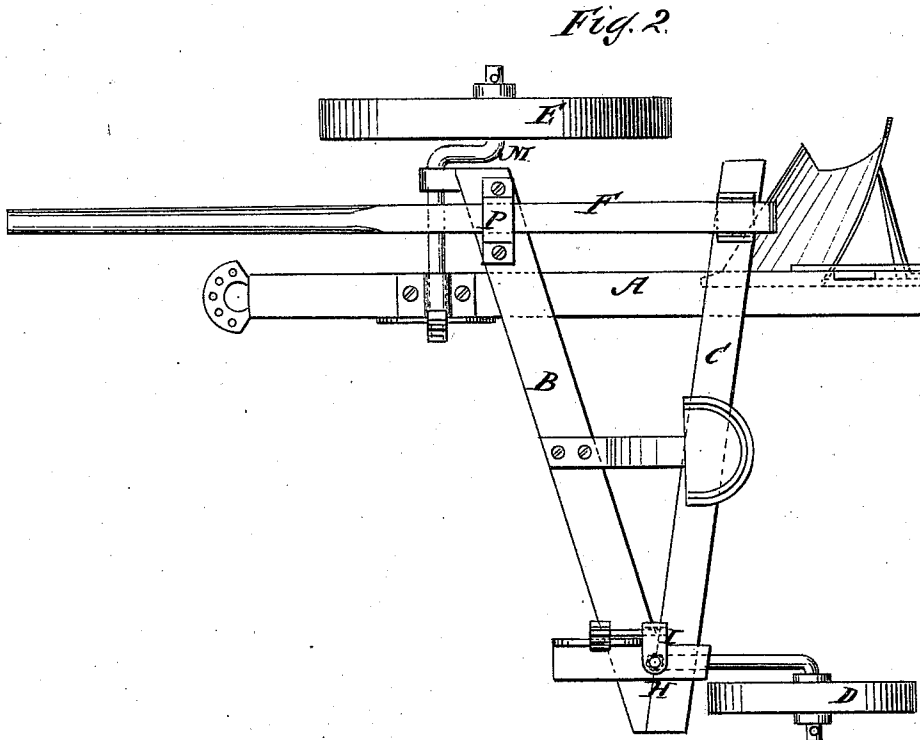
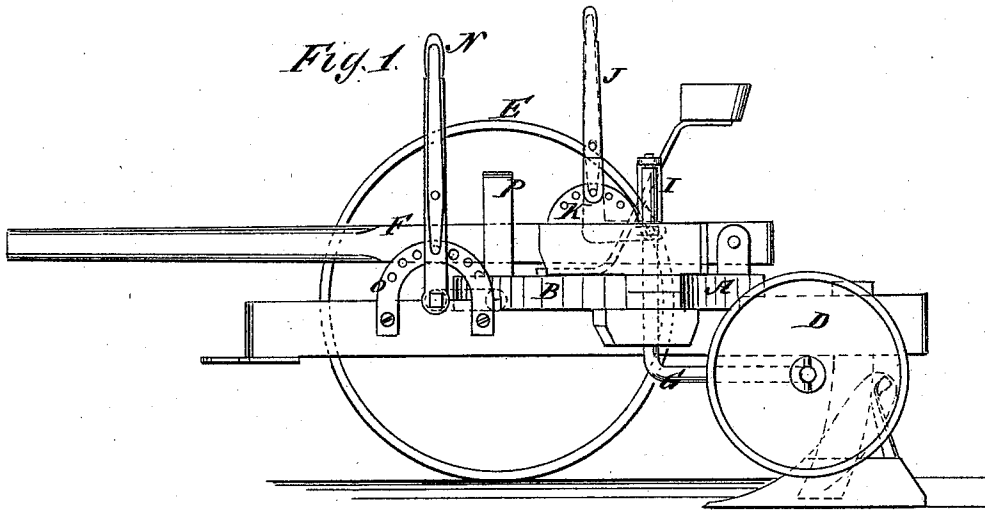


W. A. RUDDICK.

WHEEL-PLOW.

No. 177,562.

Patented May 16, 1876.



WITNESSES:

E. Wolff
John Goethals

INVENTOR:

W. A. Ruddick

BY

Munn & Co.

ATTORNEYS.

UNITED STATES PATENT OFFICE.

WILLIAM A. RUDDICK, OF CARTHAGE, MISSOURI.

IMPROVEMENT IN WHEEL-PLOWS.

Specification forming part of Letters Patent No. **177,562**, dated May 16, 1876; application filed March 21, 1876.

To all whom it may concern:

Be it known that I, WILLIAM A. RUDDICK, of Carthage, in the county of Jasper and State of Missouri, have invented a new and Improved Wheel-Plow, of which the following is a specification:

My improvement consists of an Λ -frame mounted on the plow-beam transversely with a caster-wheel on the apex of the frame, to run on the land, a larger wheel at the end of one of the bars of the frame, and a tongue connected with the base of the frame, and the wheels contrived for raising and lowering at will to adjust the plow for furrows of different depths, and for carrying the plow above the ground, all making a simple and efficient machine that can be easily handled.

Figure 1 is a side elevation of my improved plow, and Fig. 2 is a plan view.

Similar letters of reference indicate corresponding parts.

A is the plow-beam, B and C the bars of the Λ -frame mounted on it; D, the caster-wheel; E, the furrow-wheel, and F the tongue. The caster-wheel is fitted on the cranked spindle G, extending up through the frame

at H, and swiveled at the upper end to the bar I, which is connected to the elbow-lever J, for raising and lowering the wheel, and having a spring-latch for holding it in any position by the sector K. The wheel E is mounted on the cranked axle M, which raises and lowers it by turning with the lever N, which also has a spring-latch for fastening it by the sector O. The tongue is hinged to the hind bar C of the frame, and works in a yoke, P, on the front bar, allowing it to swing up and down to accommodate itself to the varying heights of the plow on the wheels.

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

The Λ -frame B C, vertically-adjustable caster-wheel D, vertically-adjustable wheel E, and the vertically-adjustable tongue F, combined and arranged with the plow, substantially as specified.

WILLIAM A. RUDDICK.

Witnesses:

DAVID C. REED,
SAMUEL W. HEALY.