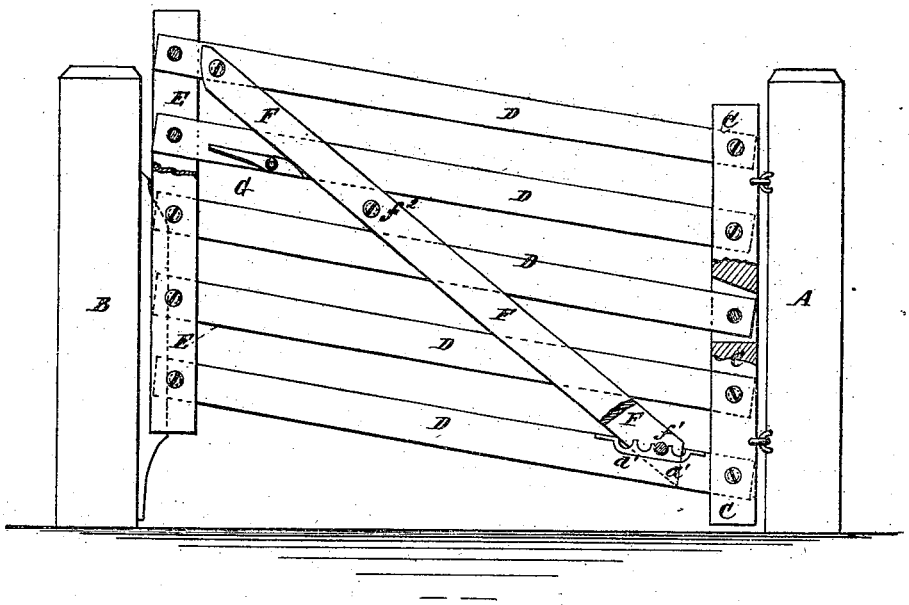
J. JENNINGS, Jr.

FARM-GATE

No. 183,571. Patented Oct. 24, 1876.



WITNESSES:

A. W. Almquist

Alex F. Roberts

INVENTOR:

BY J. Jennings Jr

Munn & Co

ATTORNEYS.

UNITED STATES PATENT OFFICE.

JOSEPH JENNINGS, JR., OF WILTON, IOWA.

IMPROVEMENT IN FARM-GATES.

Specification forming part of Letters Patent No. **183,571**, dated October 24, 1876; application filed December 11, 1875.

To all whom it may concern:

Be it known that I, JOSEPH JENNINGS, Jr., of Wilton, in the county of Muscatine and State of Iowa, have invented a new and useful Improvement in Gates, of which the following is a specification:

The figure is a side view of my improved gate, parts being broken away to show the construction.

The invention will first be described in connection with the drawing, and then pointed out in the claim.

A is the post to which the gate is hinged, and B is the post to which it is latched. C is the rear upright of the gate, which is mortised to receive the rear ends of the longitudinal bars D, the said mortises being made wider than the bars D, to allow the forward ends of said bars to have a free up-and-down movement. E is the forward upright, which is formed by attaching two narrow boards to the opposite sides of the forward ends of the longitudinal bars D. The ends of the longitudinal bars D are secured to the uprights C E by bolts, so as to make the connection strong, while allowing said parts to work freely upon each other. F are two inclined braces, which are placed upon the opposite sides of the gate, and the upper ends of which are pivoted to the top bars of the gate. The lower ends of the braces F are connected by a bolt, f^1, which drops into notches d' in the top edge of the rear part of the bottom bar D. The notches d' are lined with metal, to prevent them from splitting off or wearing out. The middle parts of the braces F are connected by a bolt, f^2, which passes through them and through the space between two bars, D, to prevent said braces from springing away from the bars D. The braces F are made of such a length that when the bars D are in a horizontal position the ends of the braces F may rest against the uprights C E, and thus brace the gate.

By this construction, by raising the forward end of the gate the rear end of the braces F will be drawn forward, and the bolt f^1 will drop into the notches d' of the bottom bar D, and will hold the forward end of the gate securely at the point to which it has been raised. The forward end of the gate may be lowered by raising it slightly, raising the rear end of the braces F, and then lowering the forward end of the gate to the desired point. To enable this to be done from the forward end of the gate, I pivot a short lever, G, to the second horizontal bar D, from the top of the gate, in such a position that its rear end may rest against the lower edge of the brace F, so that by pressing the forward end of the said lever G downward the rear ends of the braces may be raised to raise the bolt f^1 out of the notches d'. A lever, G, may be placed upon each side of the gate, if desired, and they may both be pivoted to the same bolt.

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

The combination, with a swinging farm-gate, having pivoted bars B and diagonal brace F, pivoted to the front end of the upper gate-bar, of the hand-lever G, attached near the upper front end of gate, as shown and described, for raising the brace-bolt f^1 out of notches d' on the lower gate-bar, and lowering the gate, as specified.

JOSEPH JENNINGS, JR.

Witnesses:
IRA A. SHIFLETT,
JOSEPH JENNINGS, Sen.