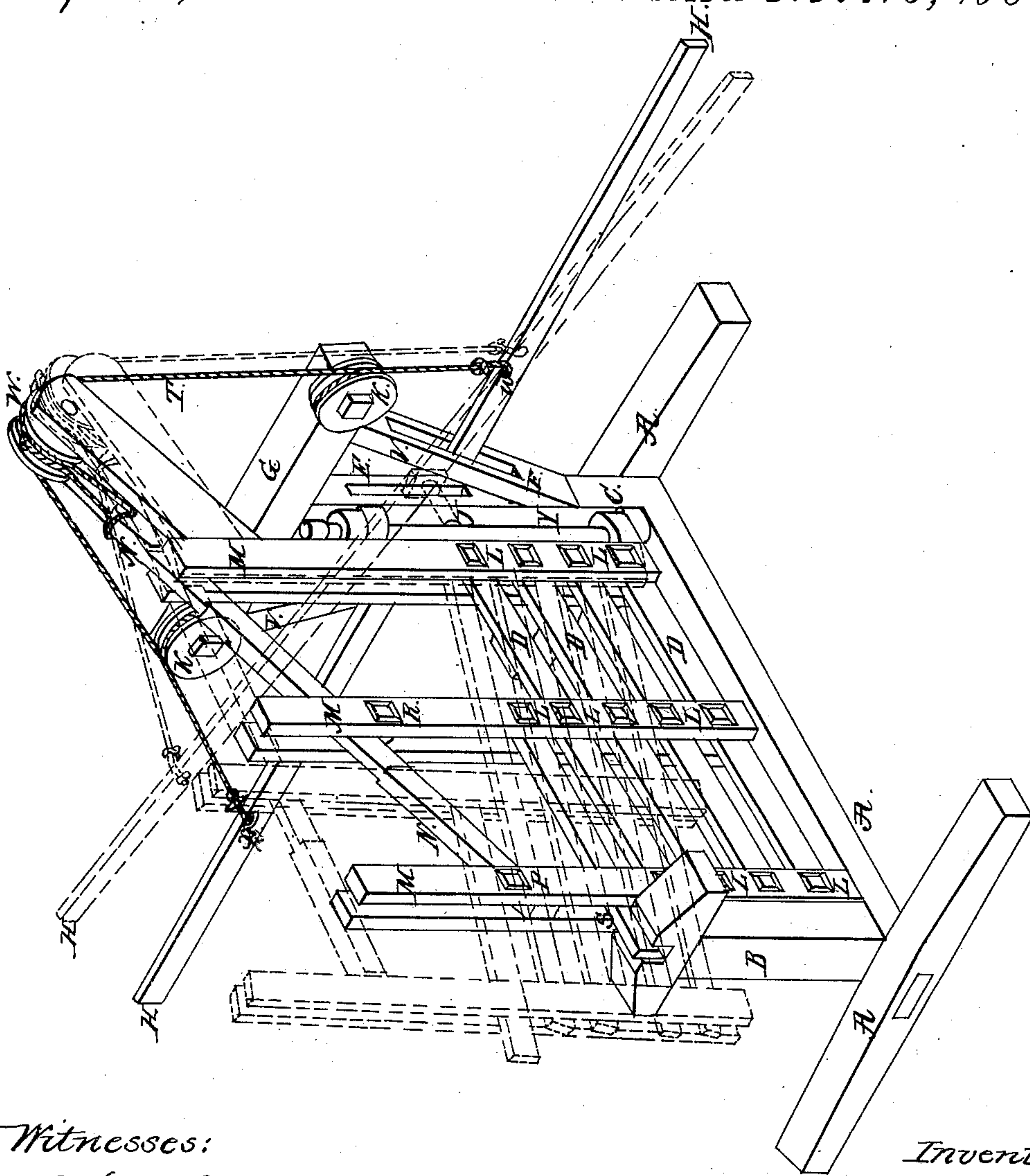


*R. W. McFarland,*

*Automatic Gate,*

*No. 59,621,*

*Patented Nov. 13, 1866.*



*Witnesses:*

*L. Luchs*

*for H. Stevens -*

*Inventor:*

*Robert W. McFarland*

*By his Atty*

*J. Franklin Stegert.*

# UNITED STATES PATENT OFFICE

ROBERT W. MCFARLAND, OF MONTICELLO, WISCONSIN.

## IMPROVEMENT IN FARM-GATES.

Specification forming part of Letters Patent No. **59,621**, dated November 13, 1866.

*To all whom it may concern:*

Be it known that I, ROBERT W. MCFARLAND, of Monticello, county of Green, State of Wisconsin, have invented a new and Improved Gate or Farm-Gate; and I do hereby declare the following to be an 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 arrangement and combination of the main lever, pulleys, and V-shaped frame with an adjustable gate, so that the gate can be opened and closed by a person on horseback or in a carriage.

A represents the ground, in which the posts B and C are permanently set. The post C is higher than the rails D of the gate, and has a slot, E, and two incline-arms, V V, that are also slotted, as at F, the arms forming a V-shaped frame, with a cross-brace, G, at top. The main lever H operates in the slots E and F on a fulcrum, J, in the post C. At each end of the brace is a pulley, K. The rails D are supported by and operate on pivots L in three high posts, M, that are constructed of two flat rails, so that the gate-rails D operate between them, so that the front part of the gate is adjustable by raising or lowering when required to be opened or closed. Another rail, N, above

the gate-rails D, is set at an incline from the back of the gate to the front, pivoted at front at P, and resting on bolt R, so as to slide back when required to open the gate and raise the front of the gate.

The latch S rests in the groove of the cap of the gate-post B. A rope, T, is permanently fastened to the lever H at U, passing around the pulley K, thence around the pulley W, and knotted to the end of rail N; thence again extending to the opposite pulley K, passing round it and fastened to the lever H at X.

By catching hold of either end of lever H and pressing it downward, the rail N raises the gate and opens or closes it, the red lines showing the operation of the rope T upon the rail N and the gate, so that the gate is not prevented from being opened in snowy weather, the gate rising above the snow and swinging on an upright rod-hinge, Y.

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

The V-shaped frame, lever H, pulleys K, rope T, sliding rail N, when constructed and arranged in combination with the adjustable gate, as herein described, and for the purposes set forth.

ROBERT W. MCFARLAND.

Witnesses:

J. FRANKLIN REIGART,  
JOHN S. HOLLINGSHEAD.