

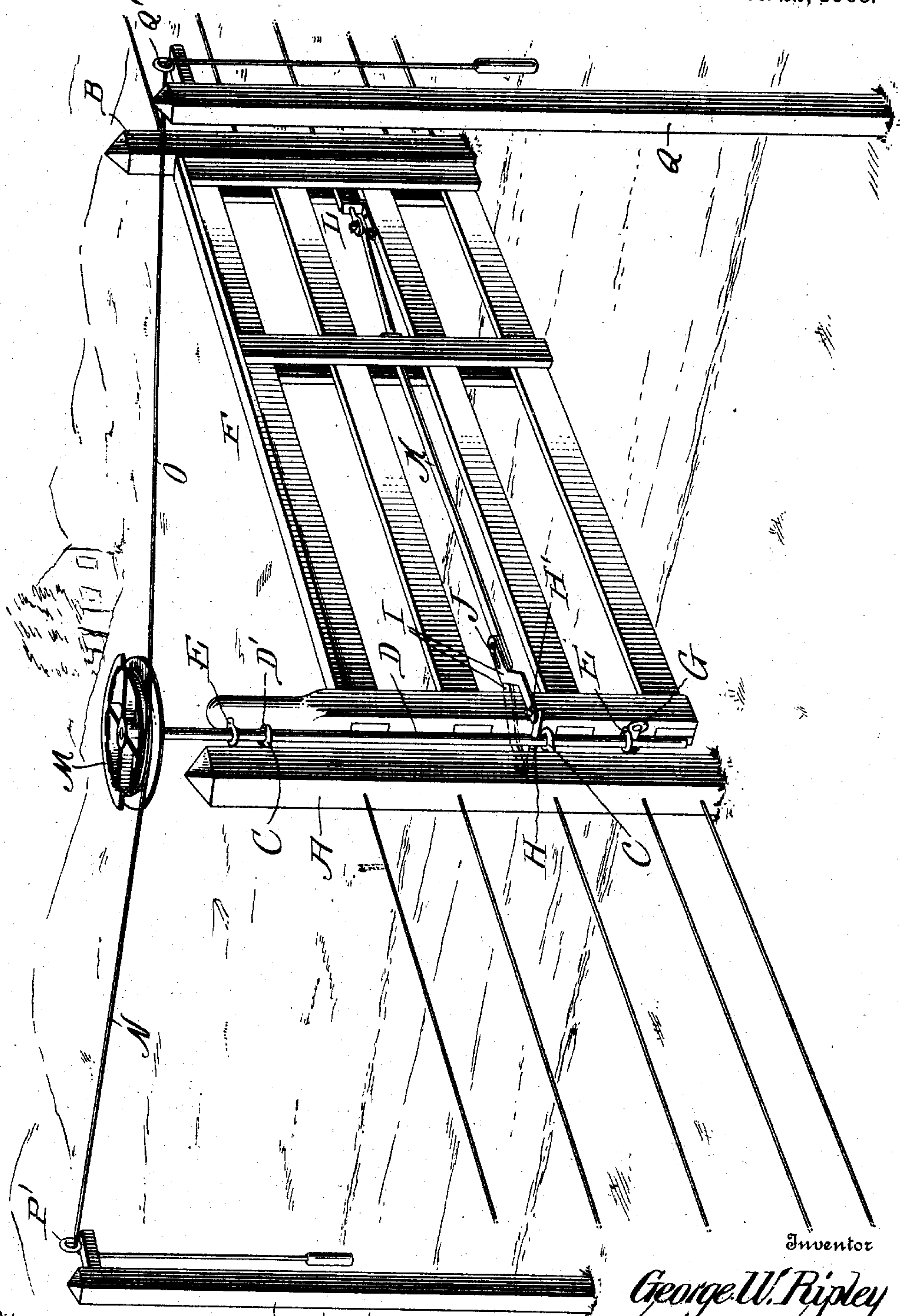
G. W. RIPLEY.

FARM GATE.

APPLICATION FILED NOV. 30, 1907.

907,287.

Patented Dec. 22, 1908.



Inventor

*George W. Ripley*

Witnesses

*Oliver H. Holmes*

*Rea P. Bright*

By

*O'Neen Brock*

Attorney



# UNITED STATES PATENT OFFICE.

GEORGE W. RIPLEY, OF YOUNGSTOWN, OHIO.

## FARM-GATE.

No. 907,287.

Specification of Letters Patent.

Patented Dec. 22, 1908.

Application filed November 30, 1907. Serial No. 404,626.

*To all whom it may concern:*

Be it known that I, GEORGE W. RIPLEY, a citizen of the United States, residing at Youngstown, in the county of Mahoning, in the State of Ohio, have invented a new and useful Improvement in Farm-Gates, of which the following is a specification.

This invention relates to farm gates, the object being to provide a gate which can be operated from a distance by a person approaching from either side without getting out of the carriage or wagon, and one which can be closed after passing through the same.

Another object of my invention is to provide a gate which is exceedingly simple and cheap in construction, and one which can be adjusted so as to open the gate in either direction by simply reversing the cable on the pulley.

Another object of my invention is to provide means for adjusting the gate vertically so that it will swing out of the way of any obstructions, such as snow.

A further object of my invention is to provide means for releasing the latch so that the gate can be readily swung by pulling on the cable.

With these objects in view the invention consists in the novel features of construction, combination and arrangement of parts hereinafter fully described and pointed out in the claim.

In the accompanying drawing I have shown a perspective view of my improved gate, in which

A and B indicate the posts mounted on opposite sides of the road-way. Secured in the post A are eyes C, in which is loosely mounted a tubular shaft D which is supported therein by a pin D' which rests on the upper eye C. Mounted on the shaft D are eyes E carried by a gate-frame F, the frame being supported on the shaft by a pin G which works through spaced openings formed in the shaft adjacent its lower end, on which the lower eye E rests, so that the gate can be adjusted vertically when desired.

The shaft D is provided with oppositely disposed arms H above the lower eyes C which are provided with upwardly project-

ing pins H' at their upper end, on which are mounted bars I which are provided with slotted ends which are mounted on a pin J secured on the end of a rod K which is connected to a spring actuated sliding bolt L extending out through the free end of a gate-frame and adapted to fit in a recess formed in the post B so as to lock the gate closed, the spring normally holding the bolt in a locked position.

For rotating the shaft D I secure a flanged pulley M on its upper end, to which I secure cables N and O which are passed around in opposite directions and are supported by eyes P', Q' carried by posts P and Q arranged on opposite sides of the post A, the cables N and O being provided with weights at their ends for normally holding the cables taut and forming handles so that the cables can be readily pulled. It will be seen that when the cable N is pulled the shaft will rotate so as to release the latch and allow the gate to swing outwardly in the opposite direction, the latch being released before the gate moves by the arms I, one of the bars being forced forwardly on the pin J, and the other drawn backwardly so as to draw the rod K and release the bolt.

It will be seen that by this arrangement the gate is not subjected to any strain as the latch is released before any power is applied to the gate. It will also be seen that by reversing the cables on the pulley the gate will swing in a reverse direction.

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

The combination with spaced posts, eyes secured to one of said posts, a shaft mounted in said eyes and supported therein, by a pin extending transversely through said shaft, and resting on one of the eyes of the posts, said shaft being provided with openings adjacent its lower end, a gate provided with eyes mounted on said shaft and supported therein by a pin extending through one of the openings of the shaft, a flanged pulley secured on the upper end of said shaft, cables carried by supports connected to said pulley, said cables passing around the pulley

in opposite directions, oppositely disposed  
arms formed on said shaft provided with  
upwardly projecting ends, bars pivotally  
mounted on the ends of said arms provided  
5 with slotted ends, a rod provided with a pin  
extending through the slots of the bars,  
means for fastening said pin therein, and a

spring actuated latch connected to the other  
end of said rod, for the purpose described.

GEORGE W. RIPLEY.

Witnesses:

B. F. WIRT,  
Mrs. D. H. OWEN.