I. A. WESSON.

GATE.

APPLICATION FILED SEPT. 25, 1908.

912,217.

Patented Feb. 9, 1909.

Fig. 1.

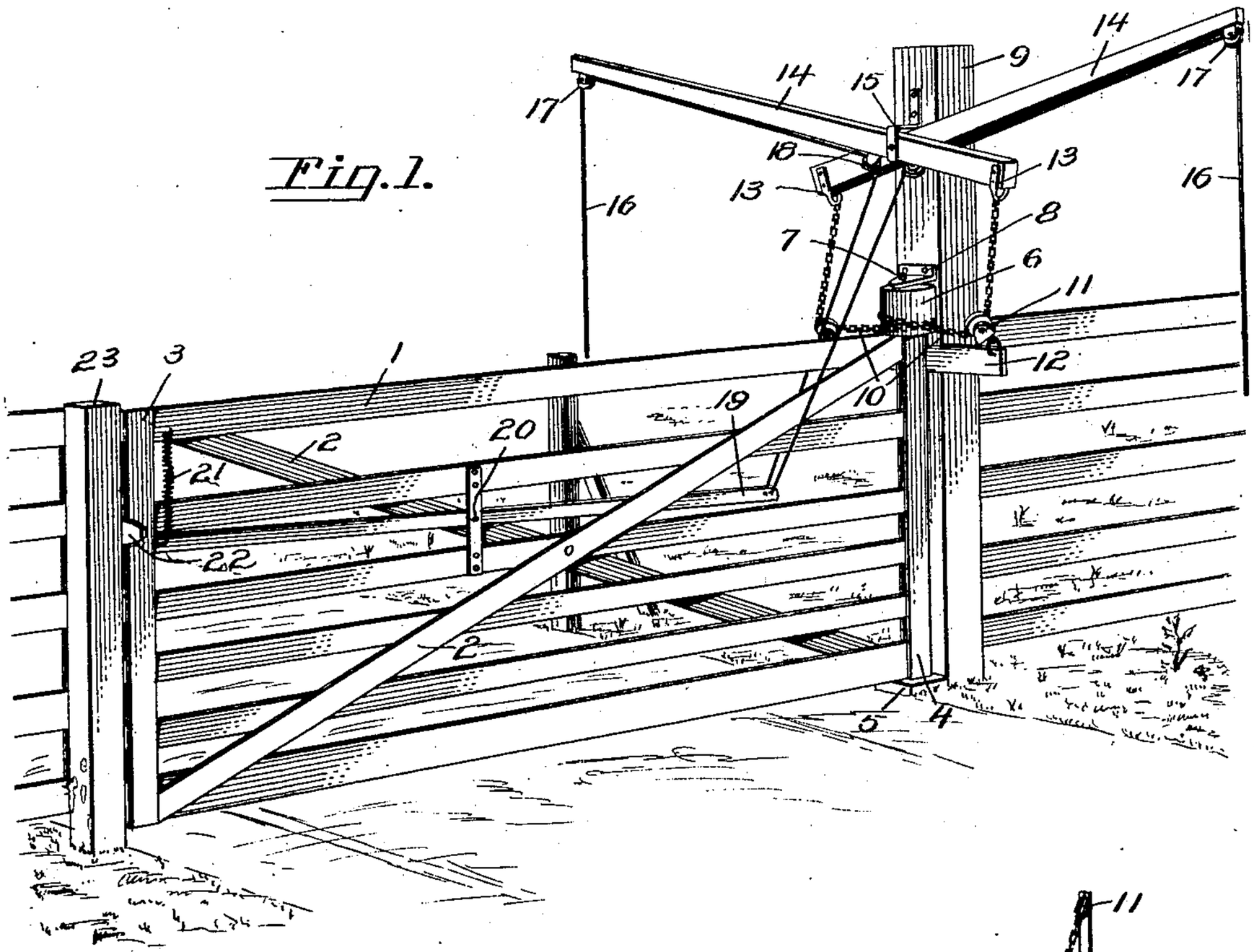


Fig. 2.

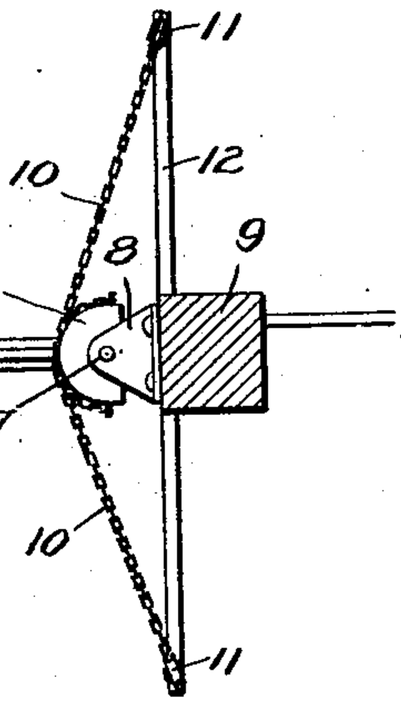
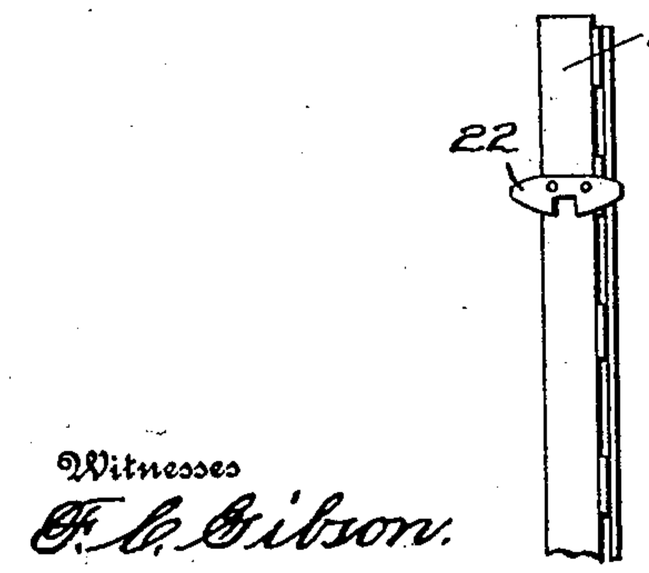


Fig. 3.



Witnesses

F. C. Gibson.

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UNITED STATES PATENT OFFICE.

ISAAC A. WESSON, OF WINGO, KENTUCKY.

GATE.

No. 912,217. Specification of Letters Patent. Patented Feb. 9, 1909.

Application filed September 25, 1908. Serial No. 454,666.

To all whom it may concern:

Be it known that I, ISAAC A. WESSON, a citizen of the United States of America, residing at Wingo, in the county of Graves and State of Kentucky, have invented new and useful Improvements in Gates, of which the following is a specification.

This invention relates to gates, and one of the principal objects of the same is to provide a gate which may be opened in either direction by simple mechanism which is entirely out of the way.

Another object of the invention is to provide a gate which will swing in either direction, which shall be simple in construction, which will work smoothly under all circumstances and which cannot readily get out of order.

These and other objects may be attained by means of the construction illustrated in the accompanying drawing, in which,—

Figure 1 is a perspective view of a gate made in accordance with my invention. Fig. 2 is a plan view of the same. Fig. 3 is a detail elevation of the latch post.

Referring to the drawing, the numeral 1 designates the gate which may be of any suitable type, but as shown is made up of longitudinal rails, diagonal braces 2 and end members 3 and 4. The uprights or members 4 are pivoted in a base block 5 at the lower end, and the upper end of the same is provided with a drum 6 which is secured to the members 4 and pivoted at 7 in a bracket 8 secured to a post 9. Connected at opposite sides of the drum 6 are the chains 10, each chain extending around the drum, as shown more particularly in Fig. 1, and from thence extending around a pulley 11 connected to a cross bar 12 secured to the members 4 of the gate. The chains extend upward and are connected by a yoke 13 to an operating lever 14 pivoted in a bracket 15. Depending from each of the levers 14 is a cord or rope 16, said cord or rope extending over a pulley 17 upon the outer end of the lever 14, said cords each passing over a pulley 18 near the inner ends of the levers 14 and extending thence downward and attached to the rear end of a latch lever 19 pivoted at 20 to a bracket on the gate, said lever being provided with a spring 21 connected thereto and connected to the gate for holding the latch end of said lever upward to engage the latch keeper 22 secured to the latch post 23.

The operation of my gate may be briefly described as follows:—When a person desires to open the gate by pulling upon the cord 16, the inner ends of the levers 14 are elevated, and at the same time the latch lever 19 is operated to detach the end from the keeper 22. The gate then swings away from the operator. After passing through the gate by pulling upon the other cord 16, the gate may be closed and will latch automatically.

My invention is of simple construction, operates smoothly and efficiently, cannot readily get out of order, is composed of few parts and can be manufactured at slight cost.

I claim:—

1. A pivoted gate provided with a pivoted latch lever, a spring for holding said lever in one position, a drum secured to said gate, chains secured to said drum and passing around pulleys and secured to the ends of the operating levers, cords passing over pulleys on the operating levers and connected to the latch lever, whereby the latch is released and the gate swung by pulling upon the cords.

2. A pivoted gate provided with a latch lever, a drum secured to said gate, chains connected to opposite sides of said drum and extending partially around the same, operating levers to which said chains are connected, and cords passing around pulleys on said operating levers and extending to the latch lever, whereby upon pulling the cords the latch is released and the gate is swung.

In testimony whereof I affix my signature in presence of two witnesses.

ISAAC A. WESSON.

Witnesses:
W. E. THORNBROUGH,
G. B. WINSTON.