

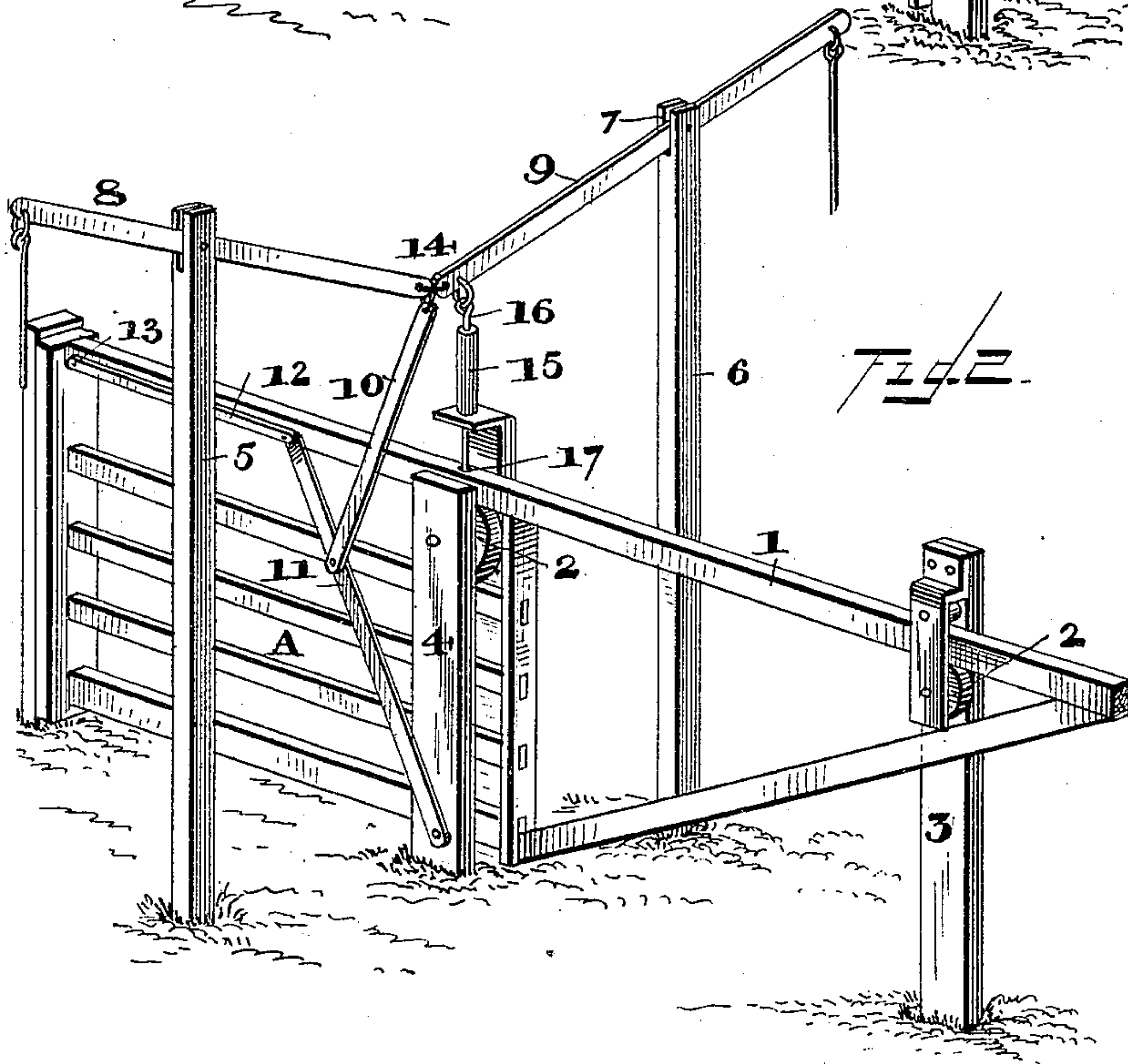
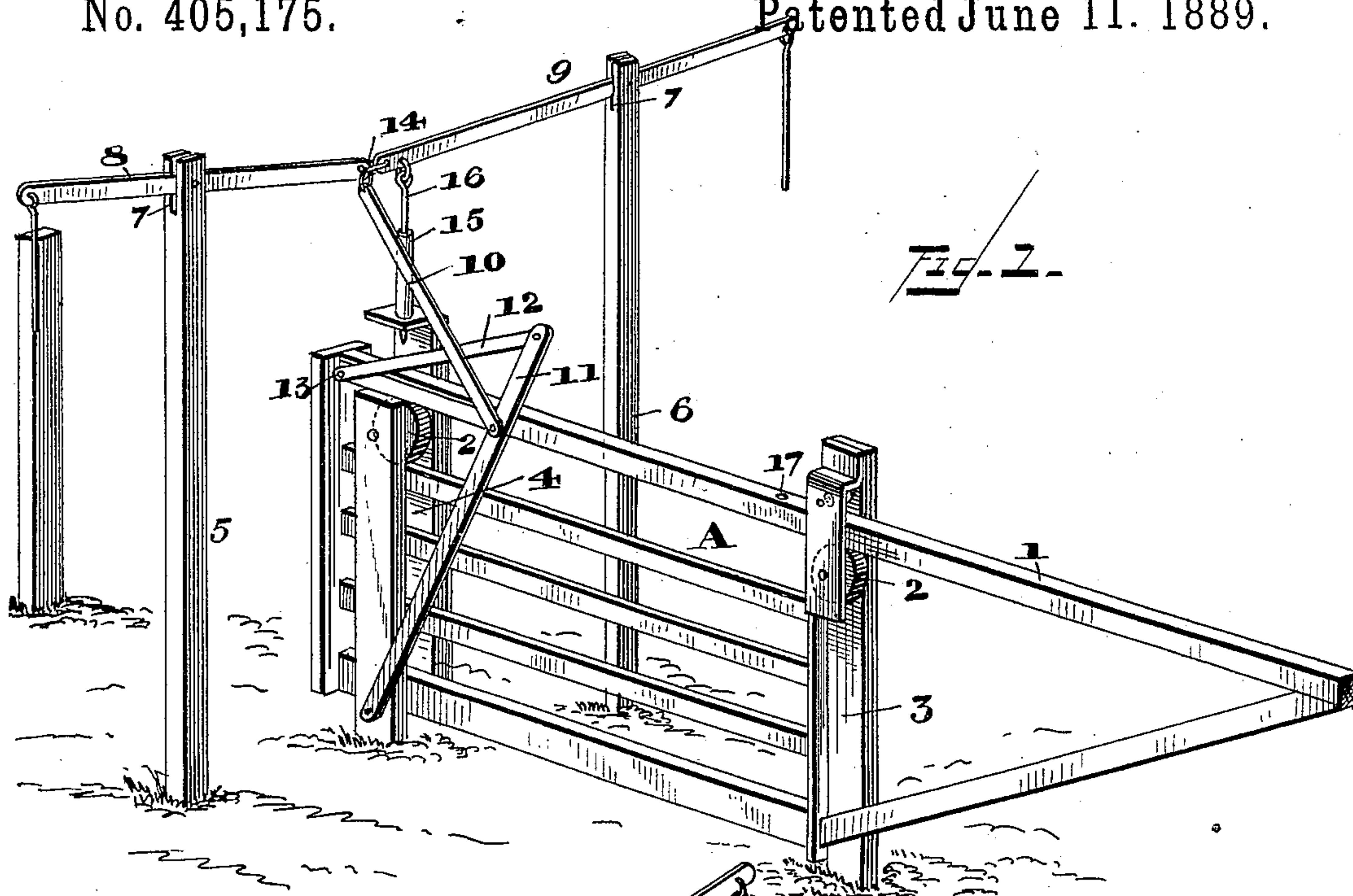
(No Model.)

H. H. PHILLIPS.

GATE.

No. 405,175.

Patented June 11. 1889.



WITNESSES

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GATE.

SPECIFICATION forming part of Letters Patent No. 405,175, dated June 11, 1889.

Application filed February 6, 1889. Serial No. 298,899. (No model.)

To all whom it may concern:

Be it known that I, HEMAN H. PHILLIPS, a citizen of the United States, and a resident of Boulder, in the county of Boulder and State of Colorado, have invented certain new and useful Improvements in Gates; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to gates.

The object is to produce a gate which will be superior to others in simplicity, cheapness, durability, and general efficiency.

With these objects in view the invention consists in the improved construction and combination of parts of a gate, as will be hereinafter fully described in the specification, illustrated in the drawings, and pointed out in the claims.

In the accompanying drawings, forming part of this specification, and in which like letters of reference indicate corresponding parts, Figure 1 is a perspective view of the gate, showing the same opened; and Fig. 2 is a similar view showing it closed.

Referring to the drawings, A designates the gate, which may be of any construction and made of any desired material. The top rail 1 of the gate is elongated, as shown, and moves upon rollers 2, mounted in uprights 3 and 4. The upright 4 is made in two parts, as will be seen, so as to cause the gate always to maintain its proper position and to prevent its being thrown off the roller. On each side of the gate, and preferably opposite the upright 4, are two other uprights 5 and 6, the upper ends of which are bifurcated, as shown at 7. In these bifurcations are mounted two arms 8 and 9, which are the operating-arms. Connecting with the arm 8 is a rod 10, which is pivoted to a rod 11, the lower end of which is pivoted to the upright 4 and the upper end to one end of a rod 12, the opposite end of which

is pivoted to the upper rail of the gate, as shown at 13. The two arms 8 and 9 are connected by means of a link 14, so that they will act in unison—that is, should either rod be pulled it will operate the other.

Now it will be seen that should a person pull either of the said arms the rod 10 will be drawn up, thus operating the rod 11 and causing the gate to be thrown back. In order to lock the gate when once closed, a tube 15 is secured to the upright 4, and in this tube works a bolt 16, pivoted to the inner end of the arm 9. The lower end of the bolt engages an opening 17 in the upper rail of the gate, which is in such a position that when the gate is closed the said opening will be directly under the opening in the tube. When the gate is closed and the arms resume their normal position, the bolt will drop into the opening in the top rail, and thus lock the gate securely.

It will thus be seen that although this device is exceedingly simple of construction it will be found highly efficient and durable in use, and may be constructed at but a slight expense.

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

In a gate, the combination of the uprights having the rollers journaled therein, the gate mounted on said rollers having an opening in the top rail thereof, the rods 10, 11, and 12, and the operating-levers for sliding the gate, the tube 15, and rod 16, adapted to enter the opening 17 in the top rail of the gate and retain the same in closed position, substantially as described.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

HEMAN H. PHILLIPS.

Witnesses:

GEO. H. TOURTELLOT,
W. A. FARNSWORTH.