

No. 844,859.

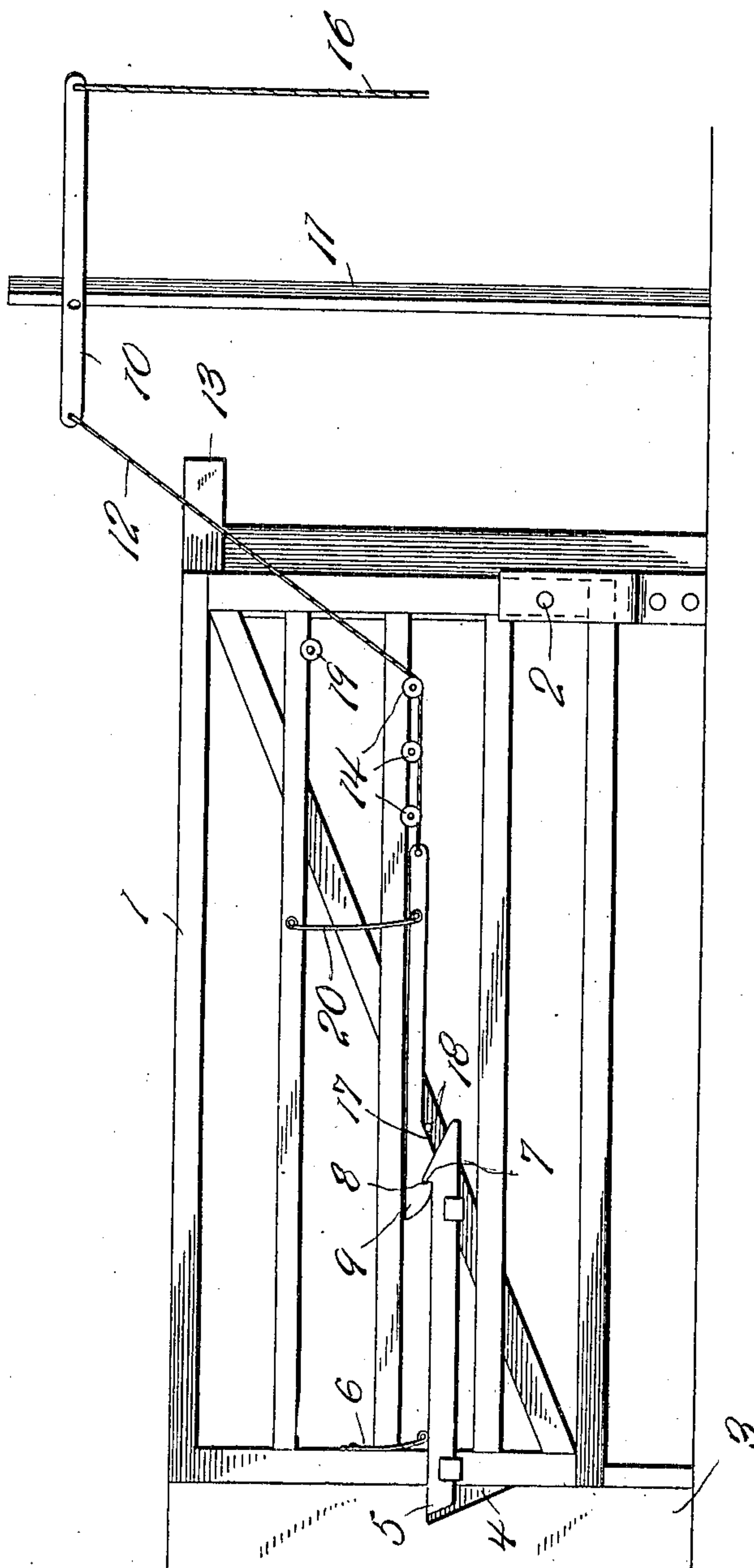
PATENTED FEB. 19, 1907.

J. C. & J. A. FISCHER.

GATE.

APPLICATION FILED JULY 26, 1906.

2 SHEETS—SHEET 1.



Inventors

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Attorneys

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G. R. Thomas  
K. G. Whitcomb

By

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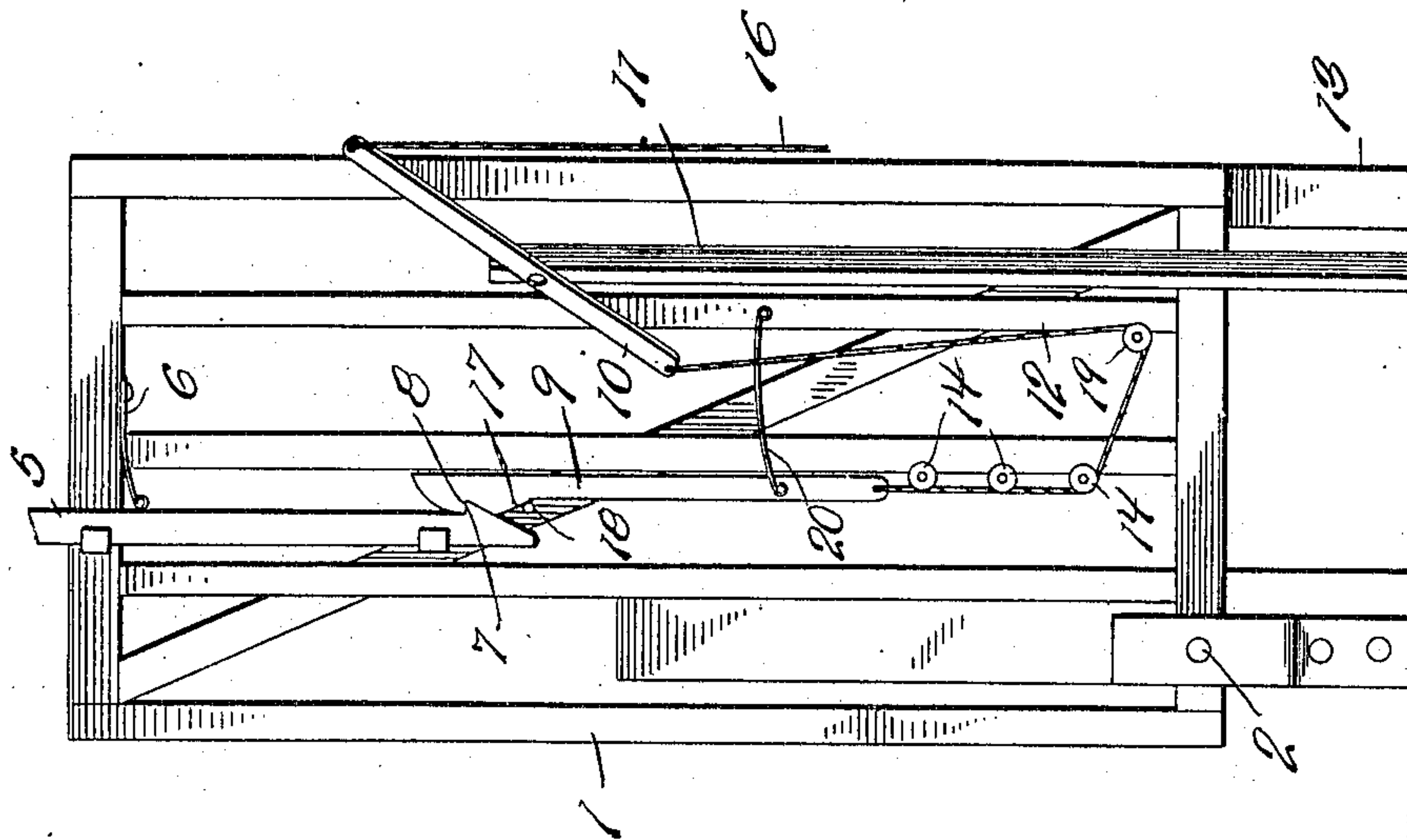
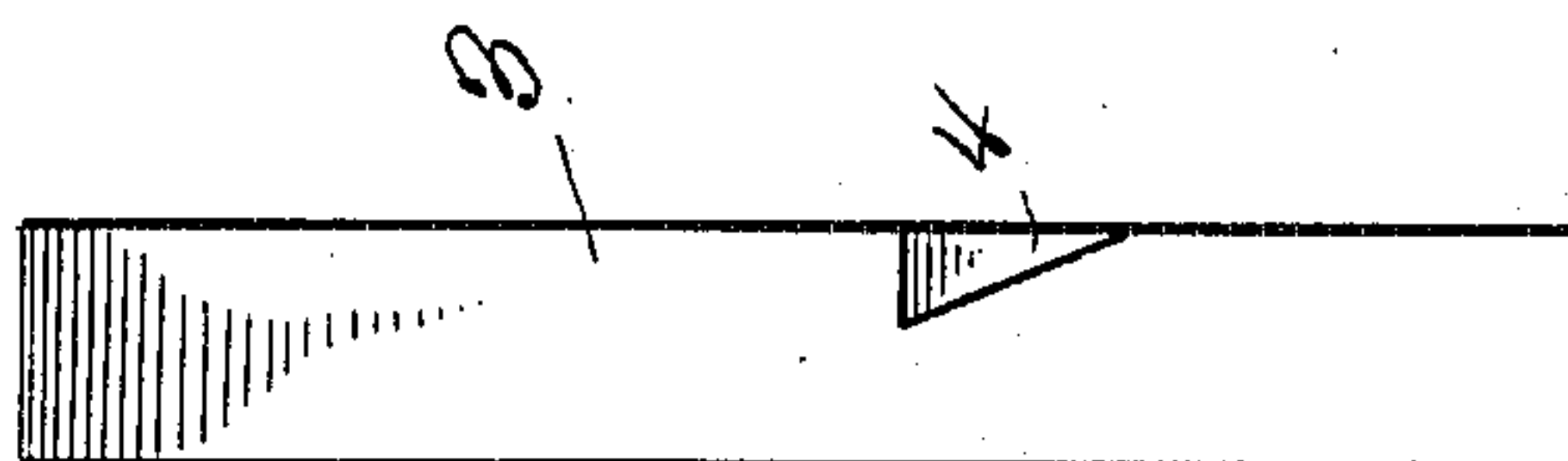


Fig. 2.



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# UNITED STATES PATENT OFFICE.

JOHN C. FISCHER AND JOHN A. FISCHER, OF LEXINGTON,  
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## GATE.

No. 844,859.

Specification of Letters Patent.

Patented Feb. 19, 1907.

Application filed July 26, 1906. Serial No. 327,953.

*To all whom it may concern:*

Be it known that we, JOHN C. FISCHER and JOHN A. FISCHER, citizens of the United States, residing at Lexington, in the county of Cleveland and Territory of Oklahoma, have  
5 invented a new and useful Gate; and we do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to  
10 which it appertains to make and use the same.

The invention relates to farm-gates, and has for its object to provide a simple, inexpensive, and durable gate which can readily  
15 be opened without dismounting and which requires but little energy for the operation.

With these and other objects in view the invention consists in the novel construction and arrangement of parts, as hereinafter described and shown, and particularly pointed  
20 out in the claims hereto appended.

In the drawings which form a part of this specification like numerals of reference indicate similar parts in the several views.

25 Figure 1 is a side elevation of a gate constructed in accordance with this invention and shown closed. Fig. 2 is a similar view shown open.

Referring to the drawings, 1 indicates a  
30 gate pivotally mounted on a post, as at 2, and adapted to be latched to a post 3, provided with a recess 4, which is engaged by a horizontally-movable latch 5. The latch 5 is provided with a spring 6, which holds it in  
35 engagement with the recess 3. The upper face of the latch 5 is provided with a shoulder 7, which engages a like shoulder 8 in a reciprocating bar 9. The bar 9 is actuated by a  
40 lever 10, which is fulcrumed to a post 11 and is connected with said bar 9 by a cable 12. The upper part of the gate is provided with a weight 13, which serves as a counterbalance and renders the same easy of operation and  
45 also serves as a support when the gate is opened and put in a vertical position. The cable 12 engages a series of pulleys 14, arranged in a horizontal plane with the bar 9. In operation when it is desired to open the gate, a rope or cable 16, connected to one end

of the lever 10, is gently pulled, which unlatches the gate and swings the front end upward. When the bar 9 is moved rearward, an enlargement 17 engages a lug 18, which throws said bar out of engagement with the latch, which is then released. When it is  
55 desired to close the gate, the same operation is followed, and the cable 12 engages a pulley 19, which is located in rear of the pulleys 14 and which starts the gate toward its normal position. The bar 9 is held in engagement  
60 with the latch 5 by means of a spring 20.

What we claim is—

1. A gate comprising a gate-frame, mounted to swing on a horizontal pivot, a reciprocating latch mounted on one end of said gate,  
65 and engaging a recess in one of the posts, said latch having an upwardly-projecting shoulder, a reciprocating bar, having a downwardly-projecting shoulder, adapted to engage said first-named shoulder, a spring  
70 adapted to hold said bar in its normal position, a lever adapted to tilt said gate and a cable connecting said lever with said bar, substantially as described.

2. A tiltable gate, pivotally mounted on a  
75 post, a lever having cable connection with said gate, a series of guide-pulleys, engaging said cable, and a pulley 19, adapted to engage said cable, when the gate is in a vertical position, for closing the same, substantially  
80 as described.

3. A tiltable gate pivotally mounted on a post, a latch having a shoulder, adapted to engage a similar shoulder, in a reciprocating bar, a lever adapted to tilt said gate and to  
85 actuate said bar, a lug adapted to engage an enlargement, on said bar, for throwing the same out of engagement with said latch, substantially as described.

In testimony whereof we have signed our  
90 names to this specification in the presence of two subscribing witnesses.

JOHN C. FISCHER.  
JOHN A. FISCHER.

Witnesses:

R. M. ROWNTREE,  
A. HUTCHIN.