

No. 741,832.

PATENTED OCT. 20, 1903.

S. PURVINE.  
FARM GATE.

APPLICATION FILED JUNE 4, 1903.

NO MODEL.

2 SHEETS—SHEET 1.

Fig. 1.

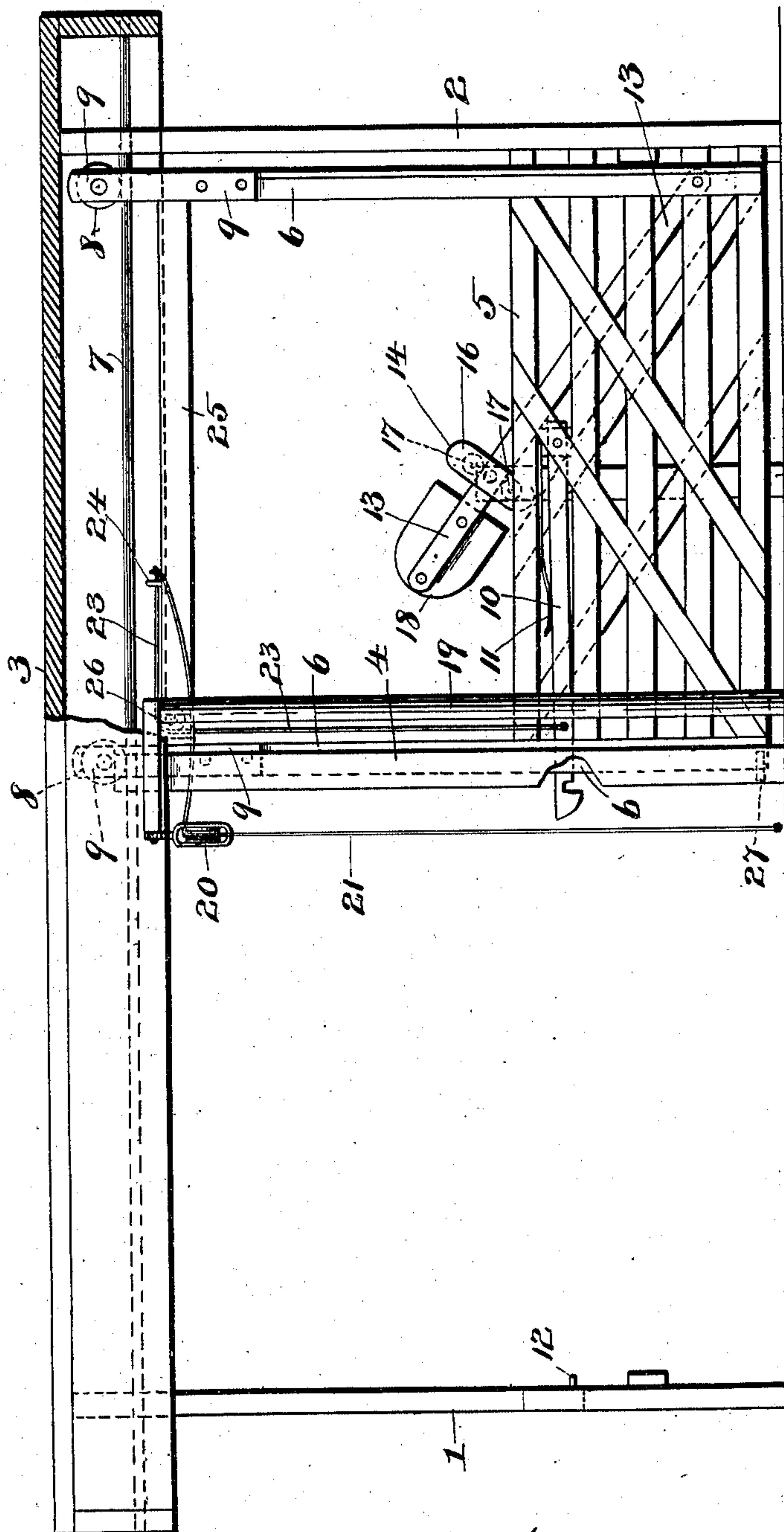
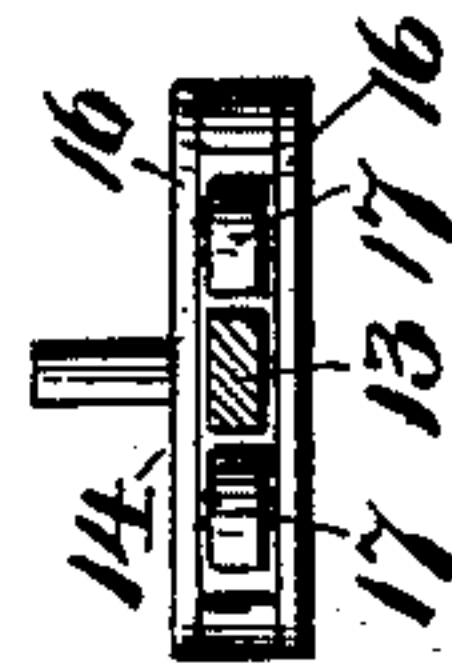


Fig. 4.



Inventor

Witnesses

Jos. D. Blackwood  
W. H. Audolph, Jr.

Smiley Purvine  
by S. A. Gouvier  
Attorney

No. 741,832.

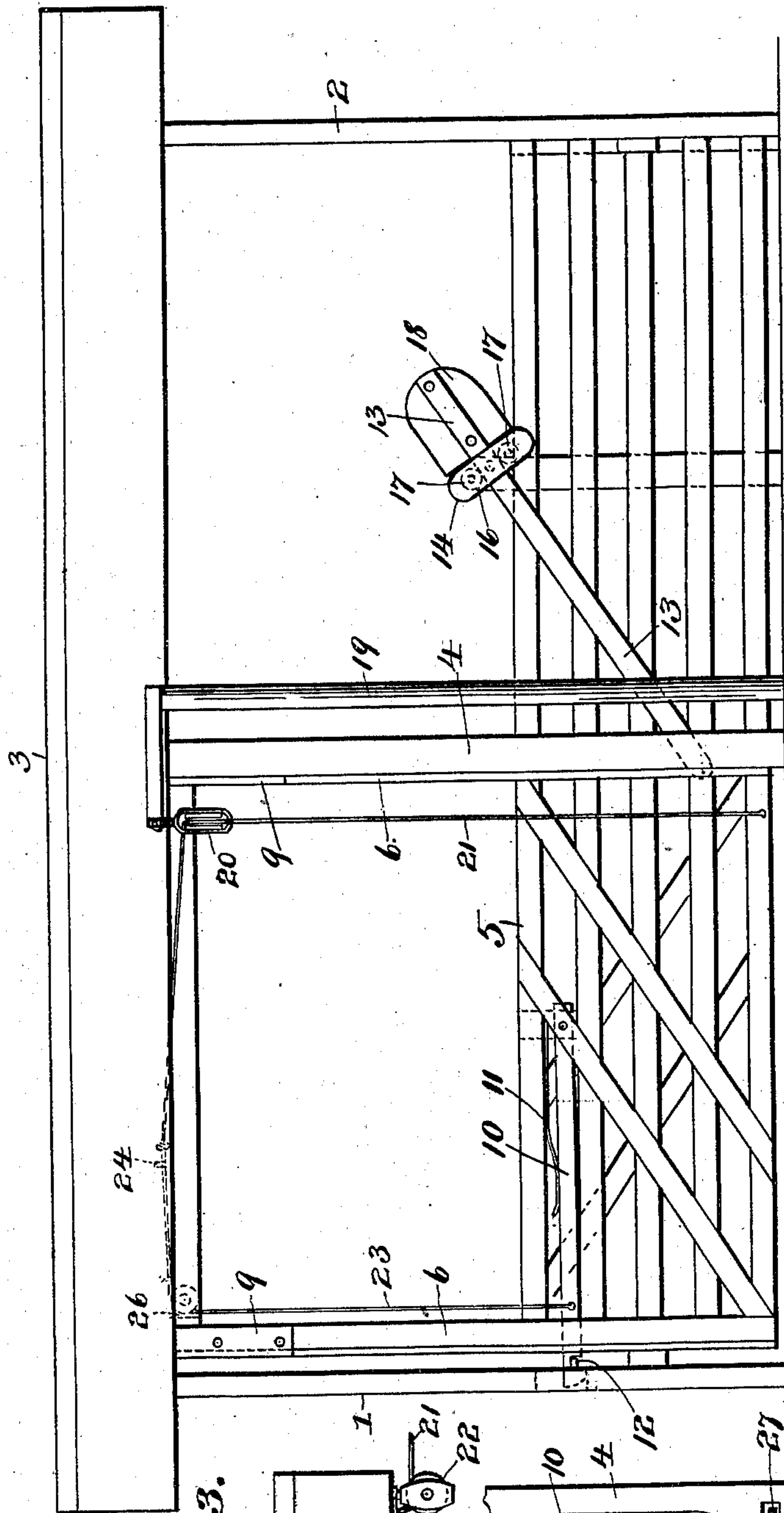
PATENTED OCT. 20, 1903.

S. PURVINE.  
FARM GATE.

APPLIOATION FILED JUNE 4, 1903.

NO MODEL.

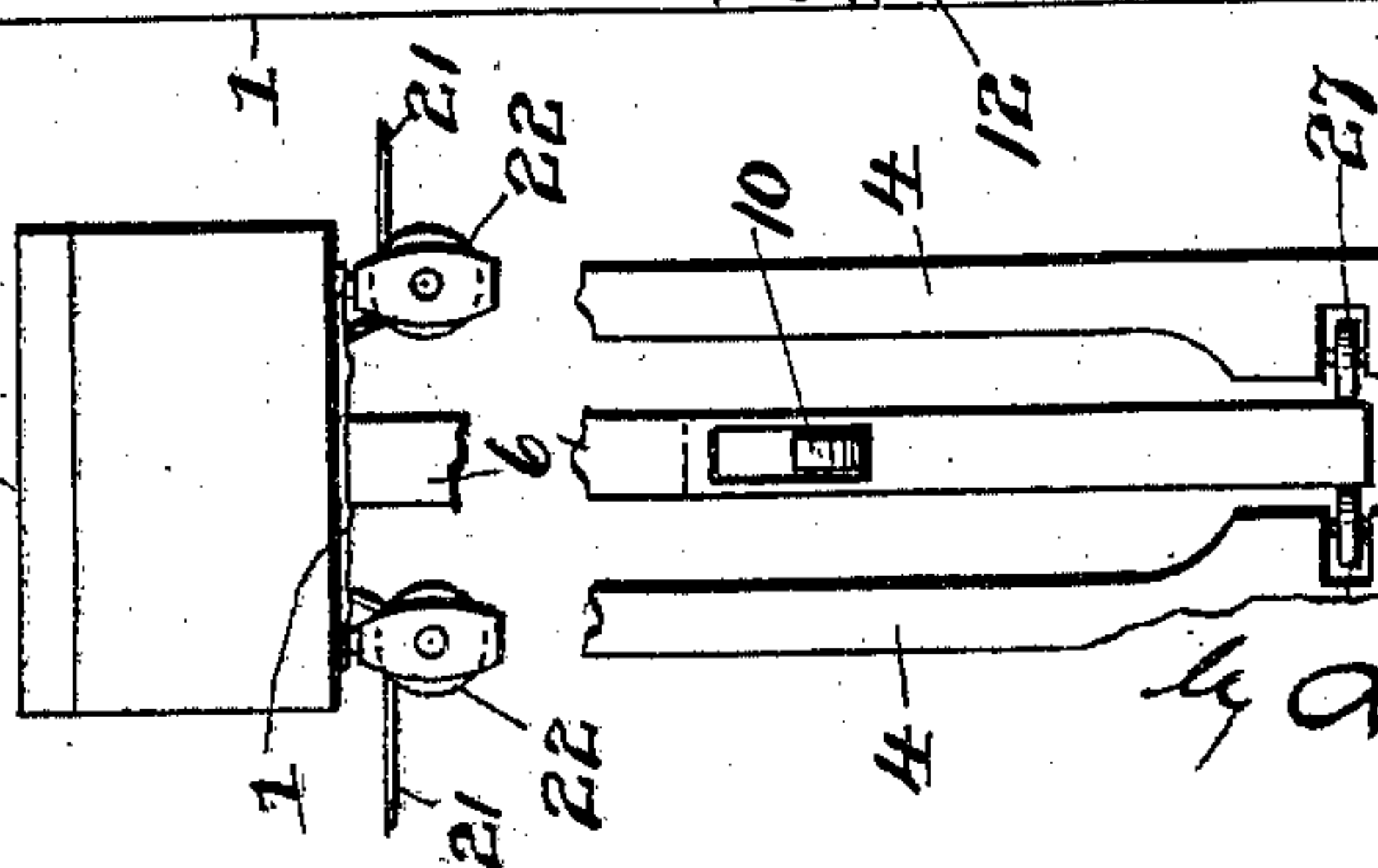
2 SHEETS—SHEET 2.



Witnesses:

Jas. A. Blackwood  
 V. Kauderph, Jr.

Fig. 3.



Inventor

Smiley Perome  
A. A. Gourick  
Attorney



# UNITED STATES PATENT OFFICE.

SMILEY PURVINE, OF SALEM, OREGON.

## FARM-GATE.

SPECIFICATION forming part of Letters Patent No. 741,832, dated October 20, 1903.

Application filed June 4, 1903. Serial No. 160,129. (No model.)

*To all whom it may concern:*

Be it known that I, SMILEY PURVINE, a citizen of the United States, residing at Salem, in the county of Marion and State of Oregon, have invented certain new and useful Improvements in Farm-Gates, of which the following is a specification.

My invention relates to sliding farm-gates, and has for its object to provide a gate that can be operated from a vehicle or by an equestrian without the necessity of leaving the horse.

The advantages of my invention will more fully appear hereinafter and by reference to the accompanying drawings, in which—

Figure 1 is a side view of the gate, showing it open; Fig. 2, a similar view showing it closed; Fig. 3, an end view, broken away to show the guide-posts; and Fig. 4, a detail view of the pivoted lever-guide.

Referring to the drawings, in which similar reference characters indicate corresponding parts throughout the several views, 1 represents a latch-post of the gate, 2 a post at a distance therefrom, and 3 a suitable hood secured to the tops of posts 1 and 2.

4 represents posts midway between posts 1 and 2 and spaced apart to allow a sliding gate 5 to pass therebetween. Said gate 5 is hung by stiles 6 from a rod 7, 8 being grooved rollers mounted in brackets 9, secured to the tops of said stiles 6 and mounted on said rod 7.

10 represents a latch pivoted on the gate and held normally depressed by means of spring 11, 12 being a suitable notch or staple on post 1 to receive the end of latch 10.

13 represents a lever pivoted at the lower corner of gate farthest from the latch 10, the lever being mounted in a guide 14, pivoted on fence-post 15. Said guide 14 consists of two plates 16, between which are journaled rollers 17, spaced apart to receive said lever 13.

18 represents a weight at the top of lever 13.

19 represents a post on each side of the gate and at the side of the roadway leading through it, each said post having a pulley 20 thereon, and 21 ropes running through said pulleys 20 and through pulleys 22, mounted on hood 3 and secured to the end of a rope 23. Said rope 23 passes through a guide 24 on cross-beam 25, connecting the upper ends

of stiles 6, then through a hole 26 in said beam, and is secured to latch 10.

27 represents guide-rollers journaled in posts 4.

It will be understood from this description that when the gate is closed a pull on either rope 21 will lift latch 10 and at the same time pull the gate back. As soon as the pivot of lever 13 passes beyond post 15 the weight thereon will cause the gate to continue its progress. When the gate is open, the same operation will close it.

Having thus described my invention, what I claim is—

1. In a sliding gate, a weighted lever pivoted on the gate and slidably mounted at one side of the gate-opening to assist in opening and closing the gate and to hold it while at rest, substantially as shown and described.

2. In a sliding gate, a lever pivoted on the gate and having its free end weighted, said lever being slidably mounted at one side of the gate-opening, and means to partly open and close the gate, substantially as shown and described.

3. In a sliding gate, a lever pivoted on the gate and having its free end weighted, said lever being slidably mounted at one side of the gate-opening, and ropes attached to said gate for partly opening and closing it, substantially as shown and described.

4. In a sliding gate, a lever pivoted on the gate and having its free end weighted, a guide pivoted at the side of the gate-opening, said lever passing through the guide, and means to partly open and close the gate, substantially as shown and described.

5. In a sliding gate, a lever pivoted on the gate and having its free end weighted, a guide pivoted at the side of the gate-opening, said lever passing through the guide, and ropes attached to said gate for partly opening and closing it, substantially as shown and described.

6. In a sliding gate, a lever pivoted on the gate and having its free end weighted, a guide pivoted at the side of the gate-opening, said guide having rollers journaled therein on each side of the lever, and means to partly open and close said gate, substantially as shown and described.

7. In a sliding gate, a lever pivoted on the

gate and having its free end weighted, a guide pivoted at the side of the gate-opening, said guide having rollers journaled therein on each side of the lever passing therethrough, 5 and ropes attached to the gate for partly opening and closing it, substantially as shown and described.

8. In a sliding gate, a lever pivoted on the gate and having its free end weighted, a guide 10 pivoted at the side of the gate-opening, said guide having rollers journaled therein on each side of the lever passing therethrough,

a latch pivoted on the gate, a rope secured to said latch, posts erected on each side of the gate and remote therefrom, a pulley secured 15 to each post, and a rope connecting each pulley with the first-mentioned rope, substantially as shown and described.

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

SMILEY PURVINE.

Witnesses:

LINDLEY M. KIRK,  
C. M. LOCKWOOD.