

S. WHITMAN.

Gate.

No. 44,132.

Patented Sept. 6, 1864.

Fig. 1

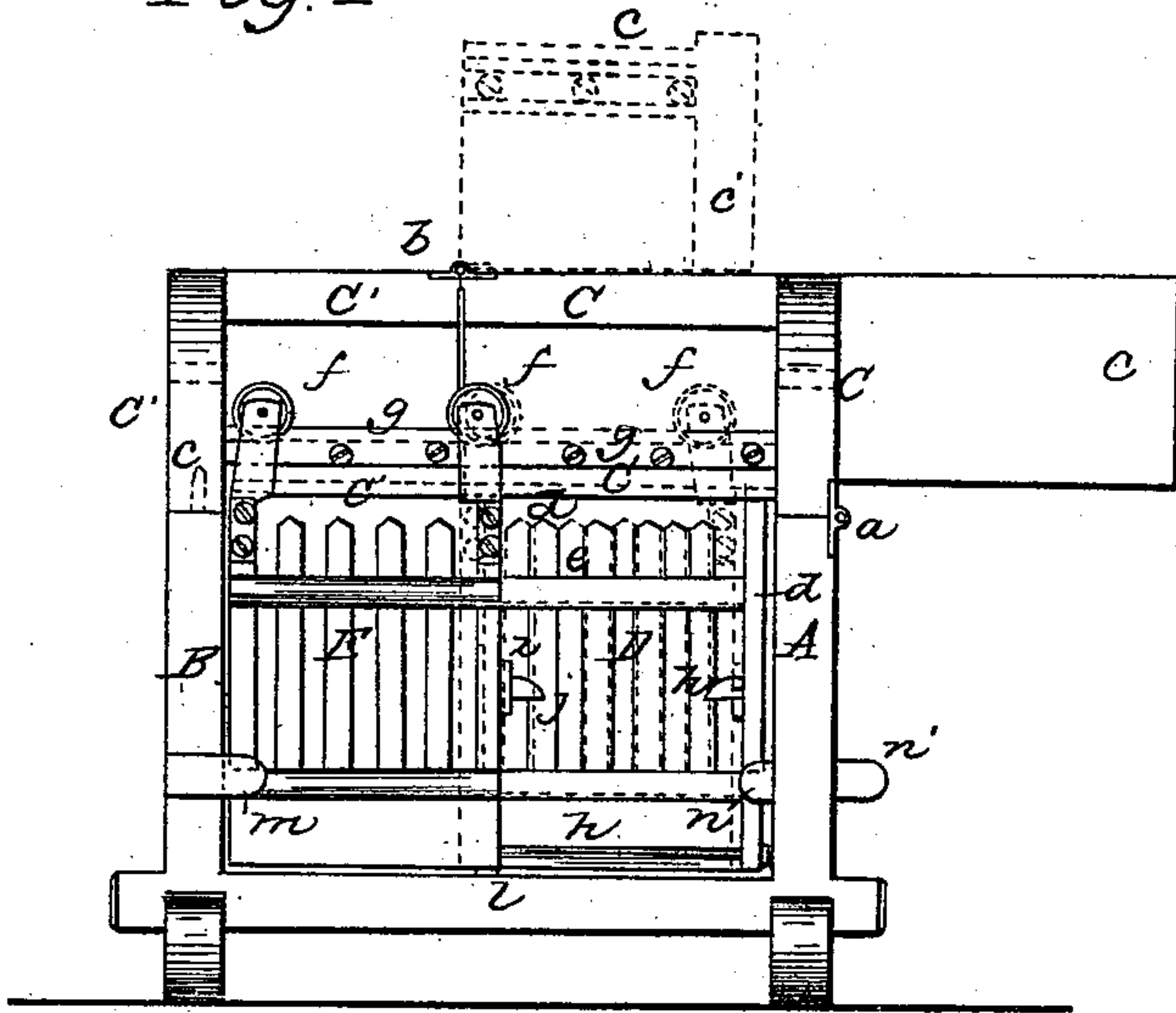
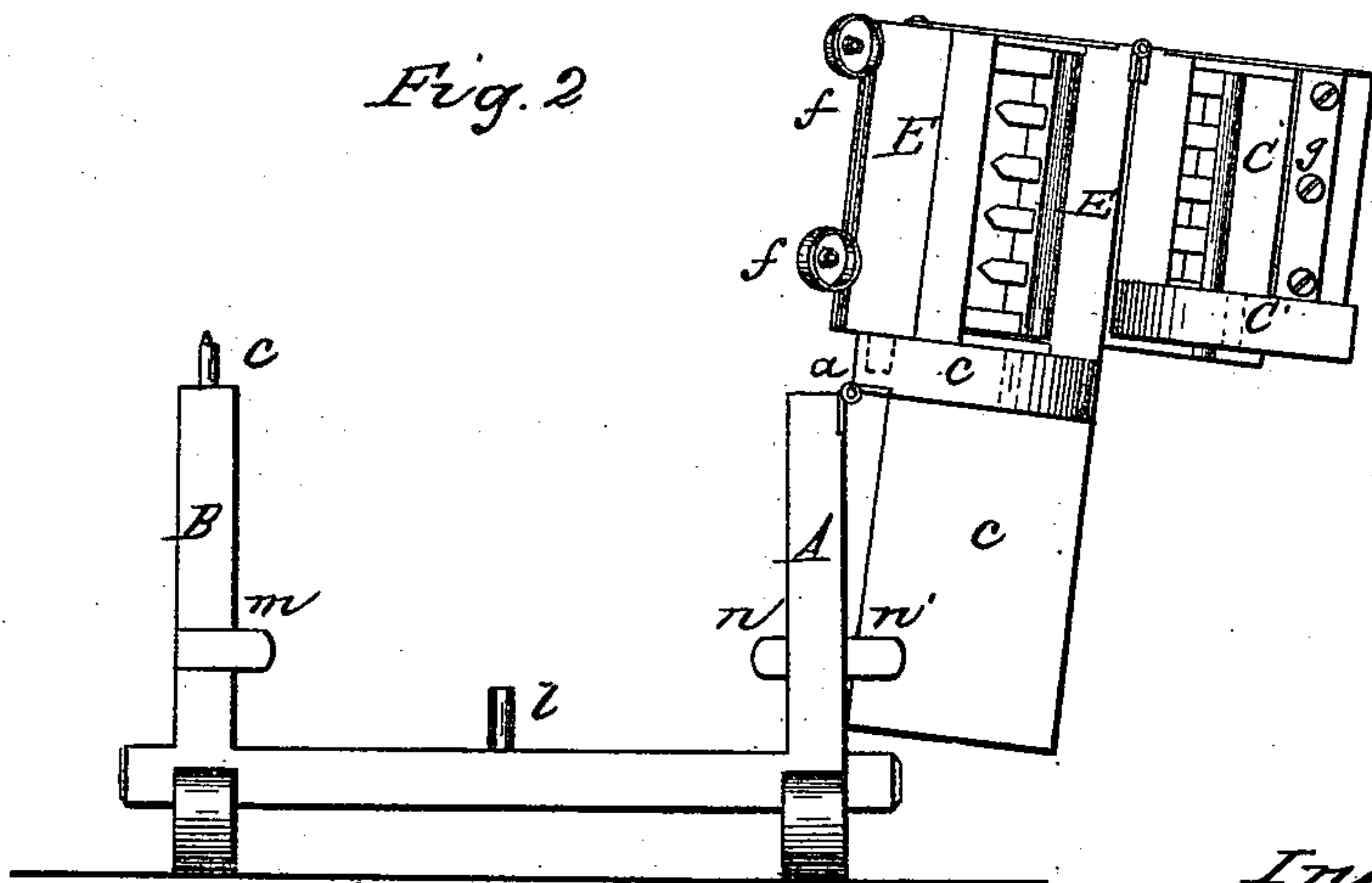


Fig. 2



Witnesses

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Inventor

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UNITED STATES PATENT OFFICE.

SAMUEL WHITMAN, OF WAYLAND, NEW YORK.

IMPROVEMENT IN GATES.

Specification forming part of Letters Patent No 44,132, dated September 6, 1864.

To all whom it may concern:

Be it known that I, SAMUEL WHITMAN, of Wayland, in the county of Steuben and State of New York, have invented certain new and useful Improvements in Road and Farm Gates; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 represents a view of the gate in black lines as closed and showing by red lines the positions of two of its sections or parts when thrown open. Fig. 2 represents the position of all the sections or parts when the entire gate is thrown open.

My invention consists in a gate made in sections, so that a part or the whole may be opened or closed to make a smaller or larger thoroughfare, as may be desired, and as herein represented.

To enable others skilled in the art to make and use my invention, I will proceed to describe the same with reference to the drawings.

A B represent two gate-posts, of any suitable form and construction, and permanently fixed to or in the ground. To the post A is hinged, as at *a*, the gate-frame C, a portion of which gate-frame, C', is hinged, as at *b*, to the main portion C, said portion C' when down resting upon the opposite post, B, with a dowel-pin, *c*, or any other device, simply to give it stability when in place. To the gate-frame are attached three sections, D C' E, which individually close up certain portions of the thoroughfare, and which conjointly close the entire space between the gate posts. The section D is permanently attached to the gate-frame C, and suspended thereto by the posts *d d*, and furnished with pickets or slats, *e*, or otherwise, but so as to swing up with said gate-frame when it is swung up and backward on its hinge *a*. The section C' is that as above

described as a part of the gate-frame, which it really is, though it performs also the duty of gate, as will be hereinafter explained. The section E is suspended by friction-wheels *f f* upon the rail of the gate-frame, there being flanges or strips *g* furnished to keep said wheels on their ways or rail, as this section is run forward or backward to close or open the passage-way it is intended to protect. Besides the rail above, upon which the section E runs, there is a guide-rod, *h*, below, to keep it in position, and it is furnished with a latch, *i*, which will take into catches both at *j* and at *k*, one to hold it shut, the other to hold it open. There are also furnished the usual and necessary appliances for holding the several parts firm when in their closed or open positions—as, for instance, the stud *l*, the lugs *m* and *n n'*.

The operation of the gate is as follows: When the section E is run back, as shown in red lines, Fig. 1, there is a passage-way opened large enough for footmen or small stock to pass through. When in addition to this passage-way the section C' is thrown back, as also seen in red lines, Fig. 1, then a passage is made large enough for a horseman to pass, and when in addition to these passages the whole gate, composed of the sections, is raised up and swung around, as shown in Fig. 2, the entire passage-way between the gate-posts is clear for wagons or any other large bodies.

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

A road or farm gate composed of three sections united to each other and to the gate-posts, so as to be opened individually or collectively, in the manner and for the purpose herein described and represented.

SAMUEL WHITMAN.

Witnesses:

A. B. STOUGHTON,
CALVIN P. WHITMAN.