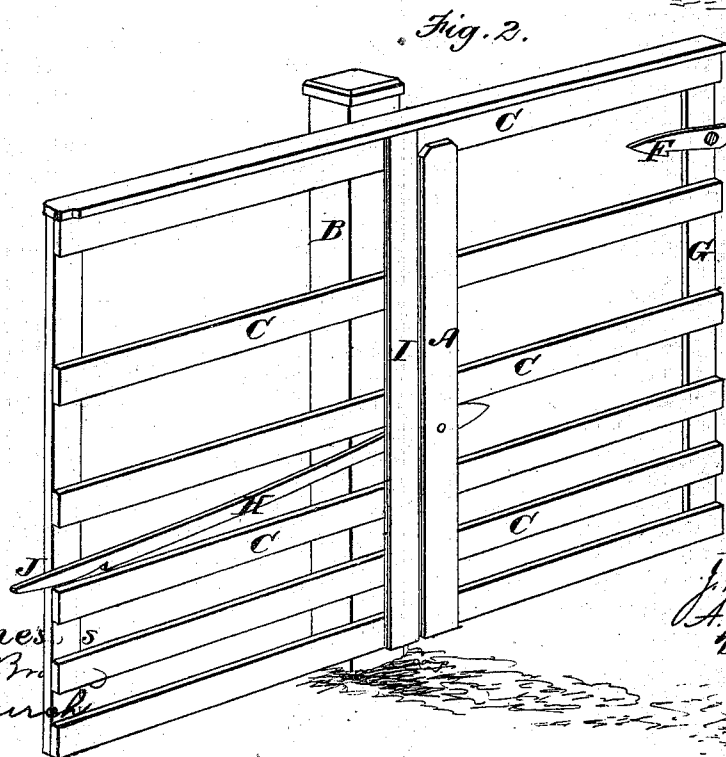
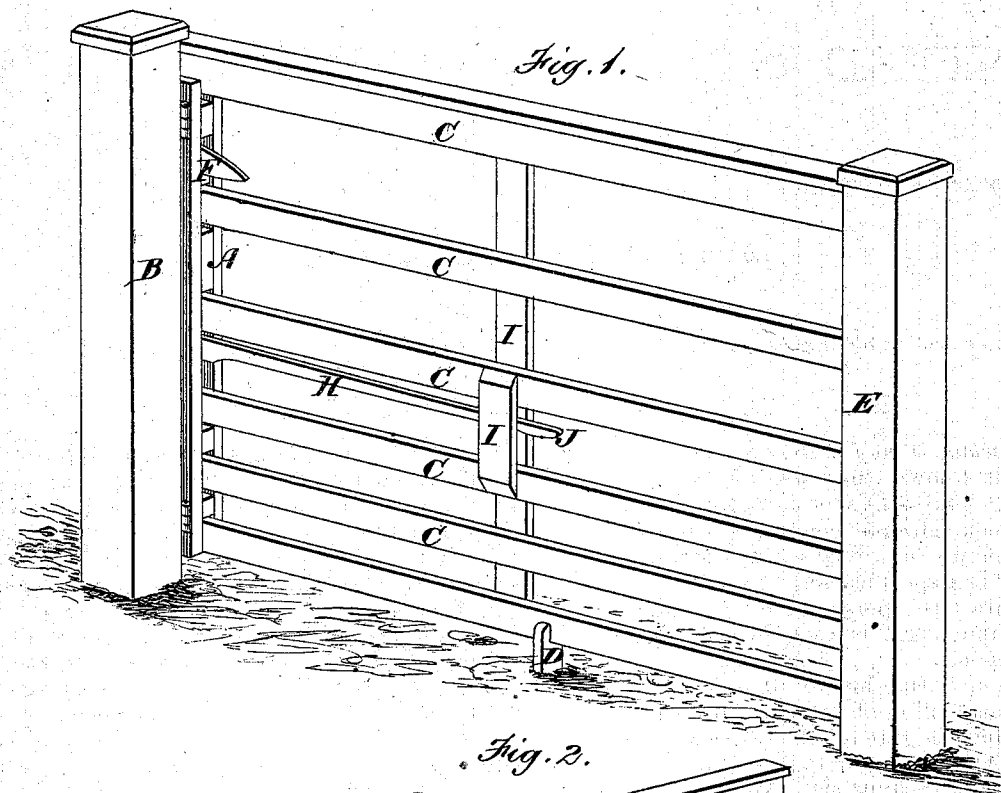


J. W. WESTBROOKS & A. J. CLEMMONS.

Farm-Gates.

No. 139,219.

Patented May 20, 1873.



Witnesses
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Hill & Ellsworth

UNITED STATES PATENT OFFICE.

JOHN W. WESTBROOKS AND ALVEUS J. CLEMMONS, OF ABERDEEN, MISS.

IMPROVEMENT IN FARM-GATES.

Specification forming part of Letters Patent No. 139,219, dated May 20, 1873; application filed March 1, 1873.

To all whom it may concern:

Be it known that we, JOHN W. WESTBROOKS and ALVEUS J. CLEMMONS, both of Aberdeen, Monroe county, Mississippi, have invented an Improved Gate, of which the following is a specification:

Figure 1 is a perspective view of the gate shut, and Fig. 2 is a perspective view of the gate open.

This invention has for its object to improve the construction of gates in such a manner as to enable the gate to slide loosely in a vertical rack that is hinged to a stationary post, instead of attaching the gate directly to the hinges, this improved construction having the effect to relieve the hinges of a great part of the weight of the gate. To these ends the invention consists in the construction and arrangement of parts which we will now proceed to describe.

In the accompanying drawing A is the rack aforesaid, the same being hinged to the vertical post B. The bars C sit loosely in the orifices of the rack A, so that the gate can both slide lengthwise and also have an oscillating motion in a vertical plane, and be therefore capable of resting on the grooved guide-post D, planted midway between the two end posts B E, and also capable of resting at its front end, when swung to one side, upon the ground. By this means the hinges are relieved from the greater portion of the weight of the gate. The post E is grooved on its inner side to receive the end of the gate when shut. F is a short catch, pivoted to the upright G, near its

top. When the gate is shut the catch F drops over the inner side of the rack and fastens the gate. This catch is worked from a pulley, or by leverage, from the front of the gate. H is a bar, pivoted at one end within the rack A, and thence extending toward the post E, passing between the two middle uprights I I of the gate, and having, near its inner end, a catch, J, which, when the gate is shut, drops behind a pin extending between the uprights I, and thus forms an additional fastening to the gate. The inner end of the bar H projecting past the uprights I gives a good handle by which to raise the catch. The rear portion of the bar H forms a long oscillating support for the gate to slide on.

When both catches are used the upper one forms a safety or night catch, making the gate doubly secure.

If the catch J is dispensed with the bar H still serves as a slide, and acts in conjunction with the catch F.

We claim as our invention—

The combination of the fixed post B, rack A hinged to the said post, bar H, pivoted within the said rack and extending between the uprights I of the gate, so as to furnish a support for the latter to slide on, and the sliding and oscillating gate, substantially as and for the purpose specified.

JOHN W. WESTBROOKS.
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Witnesses:

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