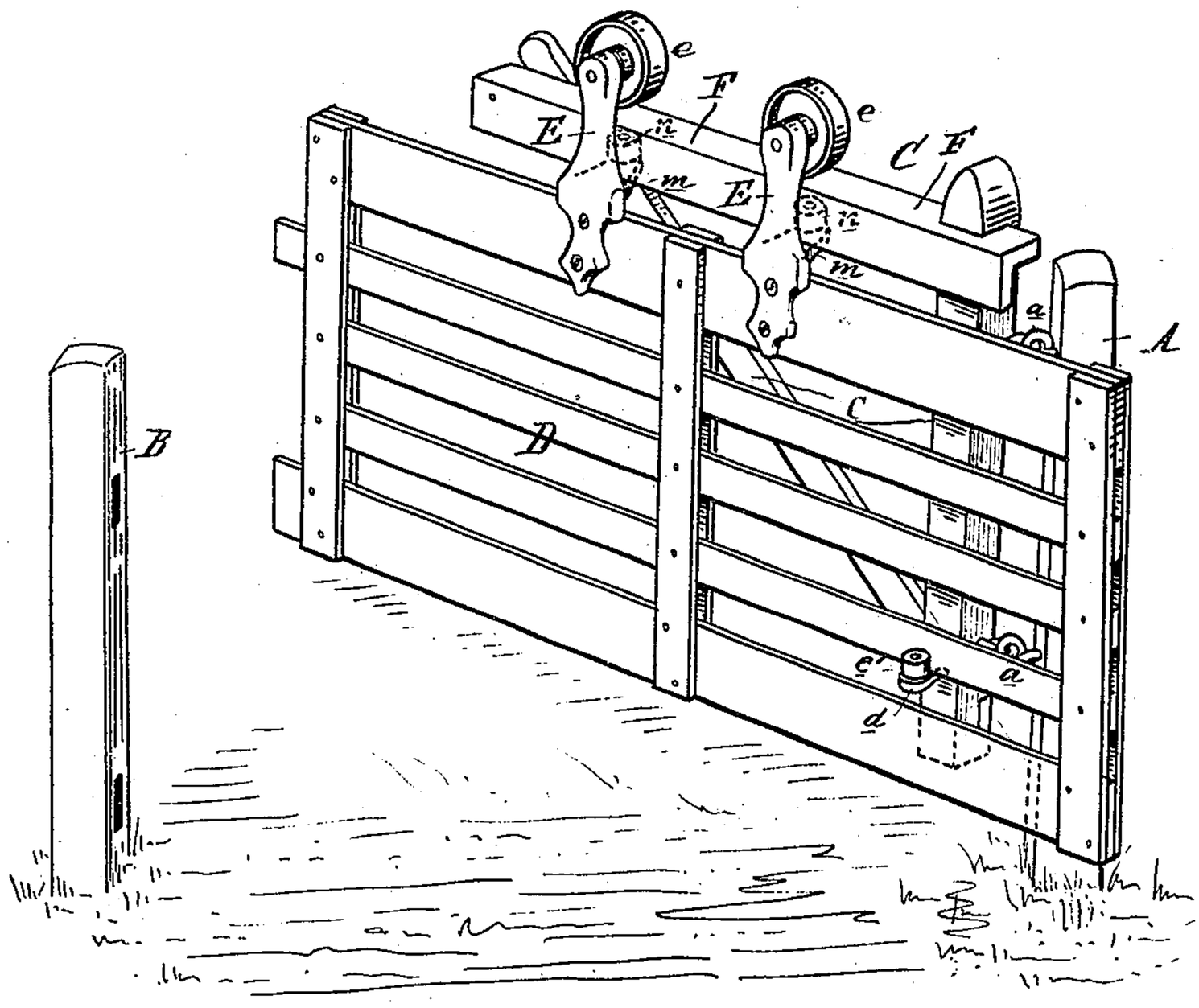
(No Model.)

G. I. BLYNN.

FARM GATE.

No. 258,624. Patented May 30, 1882.



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UNITED STATES PATENT OFFICE.

GEORGE I. BLYNN, OF MEMPHIS, MICHIGAN.

FARM-GATE.

SPECIFICATION forming part of Letters Patent No. 258,624, dated May 30, 1882.

Application filed February 4, 1882. (No model.)

To all whom it may concern:

Be it known that I, GEORGE I. BLYNN, of Memphis, in the county of Macomb and State of Michigan, have invented new and useful Improvements in Farm-Gates; and I hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, which forms a part of this specification.

The nature of this invention relates to certain new and novel improvements in the construction of swinging farm-gates adapted to partially or entirely disclose the gate-opening; and the invention consists in the peculiar construction, arrangement, and combinations of the various parts, all as more fully hereinafter set forth.

In the accompanying drawing my invention is shown in perspective with the gate partially open, and in which—

A B represent the gate-posts, to the former of which I hinge the supporting gallows-frame C by means of suitable hinges, *a*.

D represents the gate, to the top bar, F, of which are rigidly secured the brackets E, carrying rollers *e*, which are arranged vertically, and are adapted to traverse the upper surface of the horizontal arm F of the frame C, and also carrying rollers *n* upon the arms *m*, arranged at right angles to the rollers *e*, and adapted to traverse the side of the said angle-arm. These brackets are arranged one upon each side of and equidistant from the center of the gate, whatever its position in relation to the frame C. To the vertical post of this crane C I rigidly secure an arm, *d*, which carries a roller, *e'*, which engages with one of the lower bars of the gate, and is designed to retain the bottom of the gate in its proper vertical position.

One or more of the horizontal bars which compose the gate may project beyond the end of the same to engage with a suitable catch or recess in the post B when the gate is closed.

By this construction and arrangement of parts I provide a gate which can readily be run back upon the supporting-frame, so as to partially disclose the gate-opening; or it may be swung sidewise with the crane, so as to entirely disclose the gate-opening. The gate is equally suspended from the brackets, and the arrangement of the rollers prevents their leaving their track.

What I claim as my invention is—

1. In a sliding hinged gate, the gate-body suspended from two brackets arranged equidistant from and upon each side of its center, said brackets carrying rollers arranged at right angles to each other, and the whole combined with a hinged frame, as set forth.

2. A hinged frame the horizontal arm of which forms an angle-bar, as shown, combined with sets of rollers, each set arranged at right angles to the other, and adapted to traverse the angle-arm both upon the upper and side surfaces, and with a gate suspended therefrom, as specified.

3. The combination of the post A, the hinged frame C, having arm *d*, roller *e*, and track F, the gate D, the brackets E, and the rollers *e n*, at right angles to each other, all constructed and arranged substantially as and for the purpose specified.

GEORGE I. BLYNN.

Witnesses:
H. S. SPRAGUE,
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