

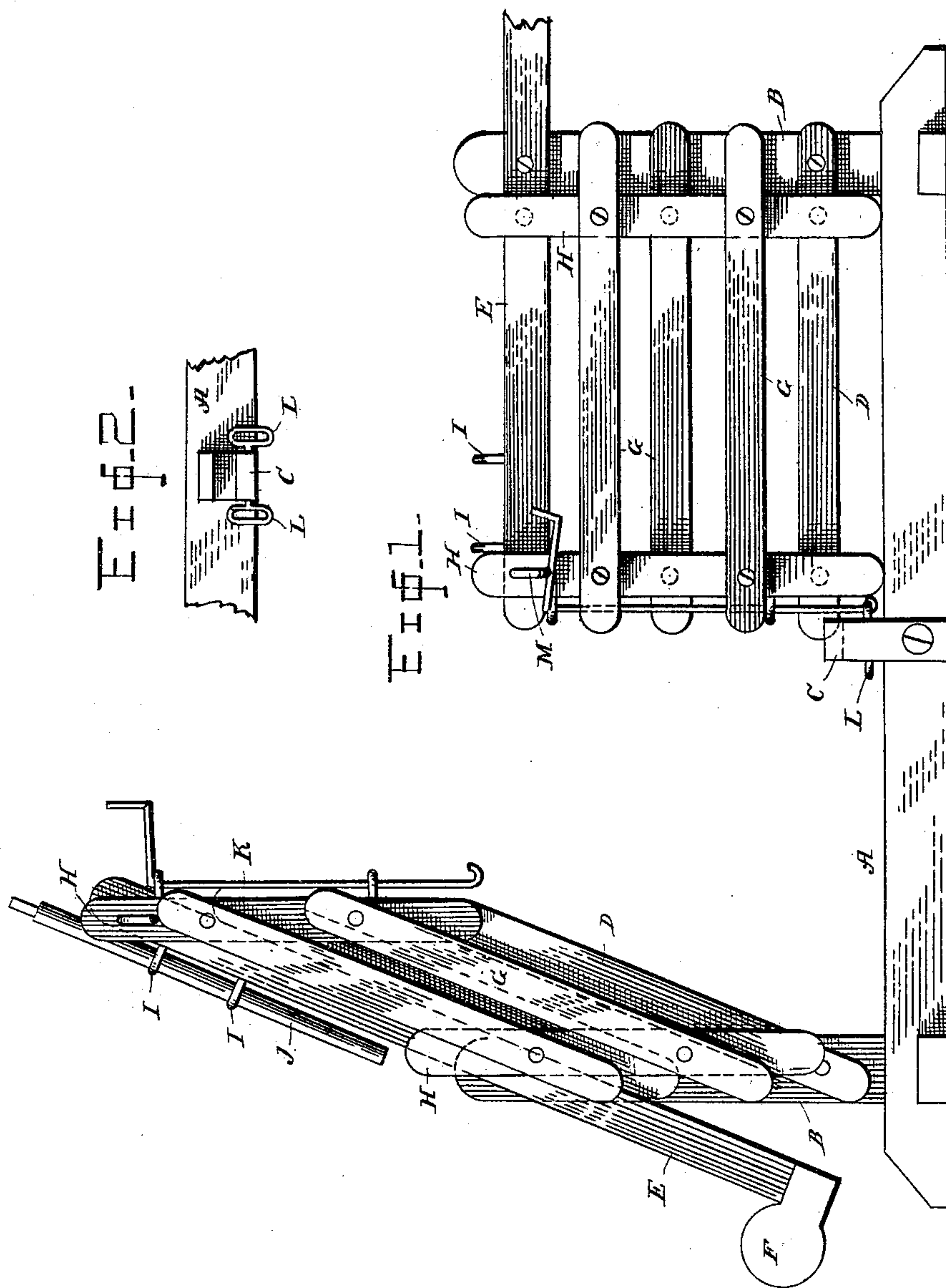
(No Model.)

W. K. ALBERTSON.

GATE.

No. 354,081.

Patented Dec. 14, 1886.



WITNESSES

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UNITED STATES PATENT OFFICE.

WILLIAM K. ALBERTSON, OF SHELBY, OHIO.

GATE.

SPECIFICATION forming part of Letters Patent No. 354,031, dated December 14, 1886.

Application filed August 19, 1886. Serial No. 211,250. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM K. ALBERTSON, a citizen of the United States, residing at Shelby, in the county of Richland and State of Ohio, have invented certain new and useful Improvements in Gates, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to certain new and useful improvements in folding and lifting gates; and it consists, essentially, of two gate-sections composed of pivoted bars, the upper and lower of which are pivoted to the posts and the former provided with weights, each of said gates having a locking-bolt provided with a hook, which engages with an eye on the locking-post situated at the juncture of the gates when shut.

In the accompanying drawings, forming a part of this specification, and on which similar letters of reference indicate the same or corresponding features, Figure 1 is a side elevation of my improved gate, showing one of the sections in an elevated position; and Fig. 2, a plan view of the sill, locking-post, and links.

The letter A designates a sill designed to be embedded in the ground, to which the gate-posts B and B and the locking-post C are secured; but it may be dispensed with and the posts driven into the ground. To each of the gate-posts are pivotally connected the lower rail, D, and the upper rail, E, of one of the sections, the latter rail being projected outwardly beyond the posts to constitute a lever, at the extremity of each of which is a weight, F, of such heft as to nearly counterbalance the weight of the respective sections. Each section is further composed of a series of slats, G, pivotally connected at their ends to upright battens H. These battens in turn are pivotally connected with the lower rails, D, and the upper rails, E.

For the purpose of balancing the structure, and more evenly distributing the weight, the rails are placed alternately upon opposite sides of the battens. The rails E are provided with collars I, which serve to receive a sliding locking-bar, J, which is permanently carried by one section and is projected in and out of the collars of the other section, and thus serves as a means of firmly locking together the sections at their upper ends. Each section is further provided with locking-bolts K,

terminating each in a hook at its lower end and a crank-handle at its upper end.

The post C is provided with two eyes, L, and when the gates are closed the hooks on the bolts are made to engage these eyes by turning the crank-handle of the hooks to the position shown in the closed section, and by springing the crank under the stud M, which maintains its position. The sections are thus locked to the locking-post.

In opening the gates the sliding bolt is withdrawn from the collars I on one section and the bolts are unfastened, and by a slight pressure downward upon the beams E the gates are elevated.

Either section may be opened without disturbing the other, for the passage of a person or a horse or other animal.

I am aware that it is not broadly new to compose gates of pivoted bars, and provide the upper members of said bars with counterbalance-weights, so that the gates will travel upwardly, and I do not, therefore, wish to be understood as broadly laying claim to such; but

What I claim as new, and desire to secure by Letters Patent, is—

1. The combination, with two gate-sections composed of pivoted bars, the upper and lower of which are pivoted to the post and the former provided with weights, of a locking-bolt mounted to turn and provided with a crank and a hook, and the locking-post situated at the junction of the gates when shut, and having an eye with which the hook of the bolt engages.

2. The combination, with two gate-sections composed of pivoted bars, the upper and lower of which are pivoted to the posts and the former provided with weights, and each section having a stud, of the locking-post situated at the junction of the gates when shut, having an eye, and a locking-bolt mounted to turn, and having a hook at one end and a crank at the other, the latter being adapted to be sprung under the stud and maintain the bolt in engagement with the locking-post.

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

WILLIAM K. ALBERTSON.

Witnesses:

WILLIAM OWINGS,
EDWIN MANSFIELD.