

WILLIAM HATHAWAY.
Improvement in Gates.

No. 119,141.

Fig. 1.

Patented Sep. 19, 1871.

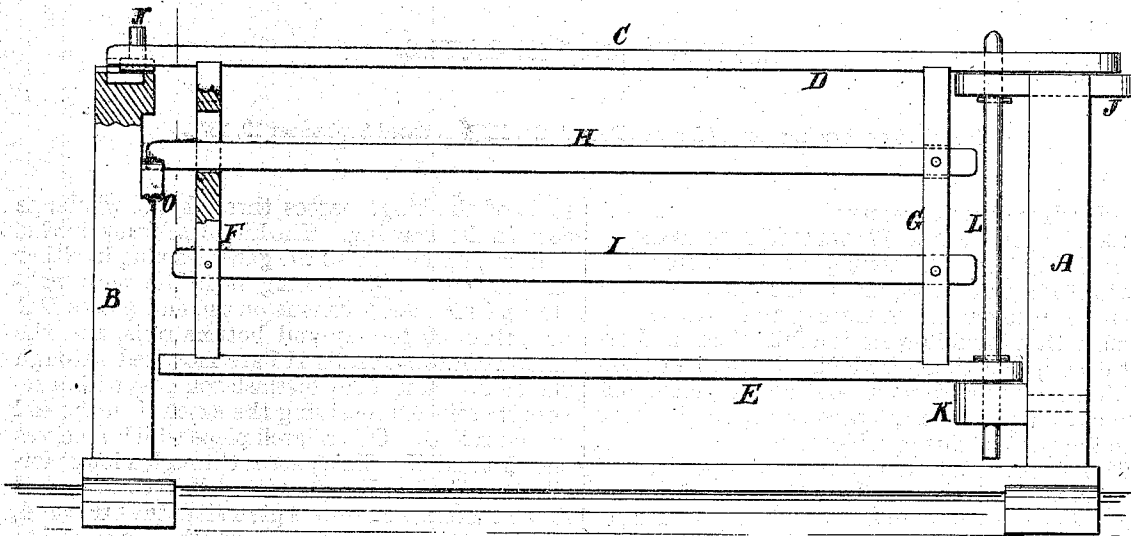


Fig. 2.

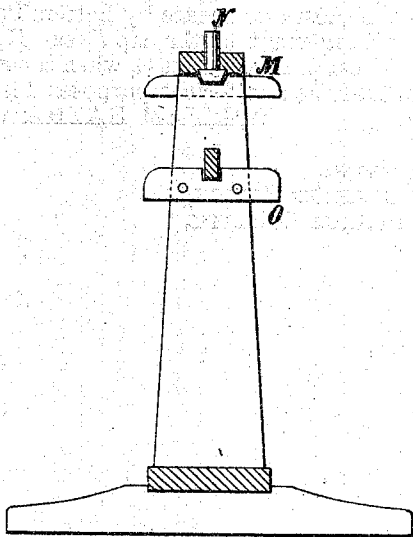
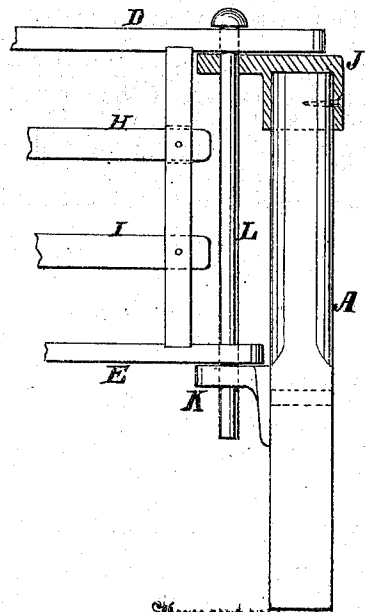


Fig. 3.



Witnesses:

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UNITED STATES PATENT OFFICE.

WILLIAM HATHAWAY, OF NORTHBRIDGE, MASSACHUSETTS.

IMPROVEMENT IN GATES.

Specification forming part of Letters Patent No. 119,141, dated September 19, 1871.

To all whom it may concern:

Be it known that I, WILLIAM HATHAWAY, of Northbridge, in the county of Worcester and State of Massachusetts, have invented a new and useful Improvement in Gates; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

The object of this invention is to improve, simplify, and render more durable, gates for farm and other purposes; and it consists in construction, arrangement, and combination of parts hereinafter described.

In the accompanying drawing, Figure 1 is a side elevation of my improved gate. Fig. 2 is a modification of the hinge arrangement, and Fig. 3 is a vertical cross-section of the gate taken on the line *x x* of Fig. 1.

Similar letters of reference indicate corresponding parts.

A is the hinge-post; B is the latch-post; C is the gate composed of the top rail D, bottom rail E, ends F G', and slat rails H I. The hinge-post A has a projecting cap piece, J, and projecting ear K. The end of the top rail rests on the cap J, and lower rail rests on the ear K, and the pin-

tle L of the hinge passes through the whole, as seen in the drawing. The hinge is formed in this manner, which allows the gate to swing in either direction while supporting it in the most substantial manner. Tenons on the end pieces F G pass through the top and bottom rails, and the intermediate slat rails H I are mortised through the ends. M is a cap on the latch-post with a recess therein for receiving the catch N in the end of the rail D. O is a latch piece which receives the slat-rail H. This passes through a long mortise in end piece F so that it can be moved up and down therein, and play is given it at the other end, as indicated by dotted lines, which allows of that motion. This rail is thus arranged for and operates as a latch. The construction and arrangement are so plainly shown in the drawing that further description is deemed unnecessary.

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

The arrangement of the cap J, ear K, pintle L, cap M, catch N, and gate C, when constructed substantially as and for the purposes described.

WILLIAM HATHAWAY.

Witnesses:

CHARLES BOWEN,
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(130.)