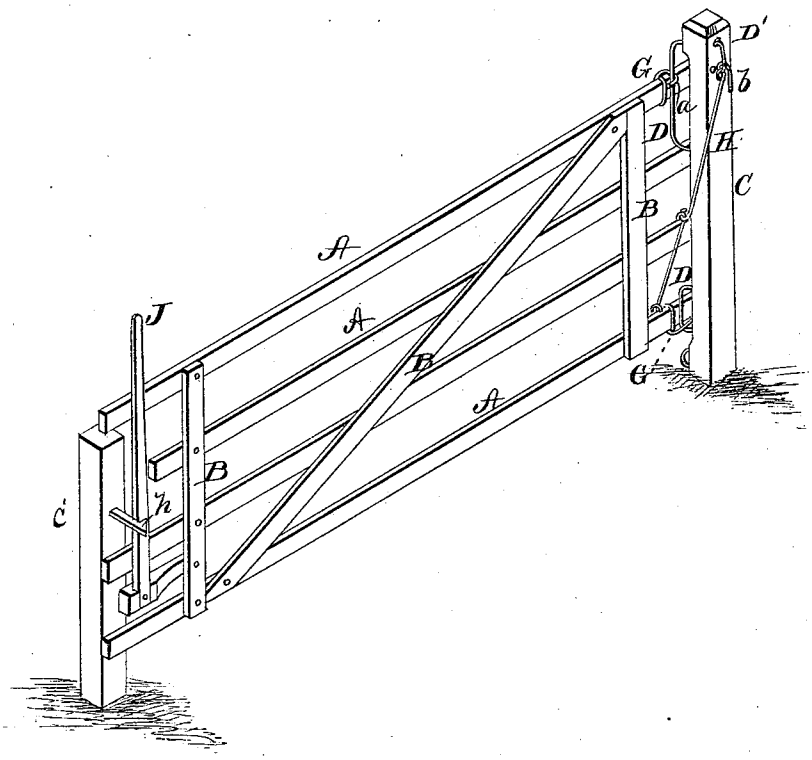
S. S. & J. G. SHERMAN.

FARM GATE.

No. 192,536. Patented June 26, 1877.



WITNESSES

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UNITED STATES PATENT OFFICE.

SAMUEL S. SHERMAN AND JEREMIAH G. SHERMAN, OF McHENRY, ILL.

IMPROVEMENT IN FARM-GATES.

Specification forming part of Letters Patent No. **192,536**, dated June 26, 1877; application filed April 28, 1877.

To all whom it may concern:

Be it known that we, SAMUEL S. SHERMAN and JEREMIAH G. SHERMAN, of McHenry, in the county of McHenry, and in the State of Illinois, have invented certain new and useful Improvements in Farm-Gates; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of our invention consists in the means for suspending a farm-gate, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which our invention appertains to make and use the same, we will now proceed to describe its construction and operation, referring to the annexed drawing, which represents a perspective view of our gate.

The gate is composed of a series of horizontal boards, A, connected by two upright and one diagonal board, B, substantially as shown. C is the post to which the gate is to be hung. On one side of this post are fastened two vertical staples, D D, one near the top and the other near the bottom. Around the top and bottom boards A of the gate, near the inner end, are placed wire clasps G G, which are bent to form an eye, *a*, to slide up and down on the staples D D. In the top of the bottom board of the gate, immediately outward from the bottom clasp G, is attached a jointed rod, H, the upper end of which is made to slide on a vertical staple, D, attached to the opposite side of the post C from the staples D at the top. The upper end of the jointed rod H, when adjusted, is held stationary by a pin, *b*, inserted in the post; or the rod may be held with said pin without any staple, as may be desired.

A gate hung in this manner is easily adjusted up or down bodily; or the outer end alone may be raised by simply moving the upper clasp forward on the board, the weight of the gate causing the clasp to gripe on the board, so that it will not slip. The staples, together with the clasps, form a complete hanging or support, and by having the staples of suitable length, the gate may be adjusted without unhinging by the use of the connecting-wire H, from the bottom of the gate to the pin in the upper part of the gate-post.

This wire H also serves as a support to the gate, in case the lower hook or eye should be drawn from the staple in carrying the outer end over snow or other obstruction.

The eyes or hooks *a* of the clasps G may be made to pass around the post C, and dispense with the use of staples.

At the outer end of the gate is an upright spring-latch, J, catching on a hook, *h*, on the post C. This latch works equally well, no matter how the gate is adjusted, up or down, as it is upright, and its own weight causes it to operate.

Having thus fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. In combination with the post C and gate A B, the vertical staples D D and the clasps G G, formed with the hooks or eyes *a a*, substantially as and for the purposes herein set forth.

2. The combination, with the clasps G and staples D, for supporting a gate to the gate-post, of the wire H and pin *b*, substantially as and for the purposes herein set forth.

In testimony that we claim the foregoing we have hereunto set our hands this 9th day of April, 1877.

SAMUEL S. SHERMAN.
JEREMIAH G. SHERMAN.

Witnesses:
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A. O. INGALLS.