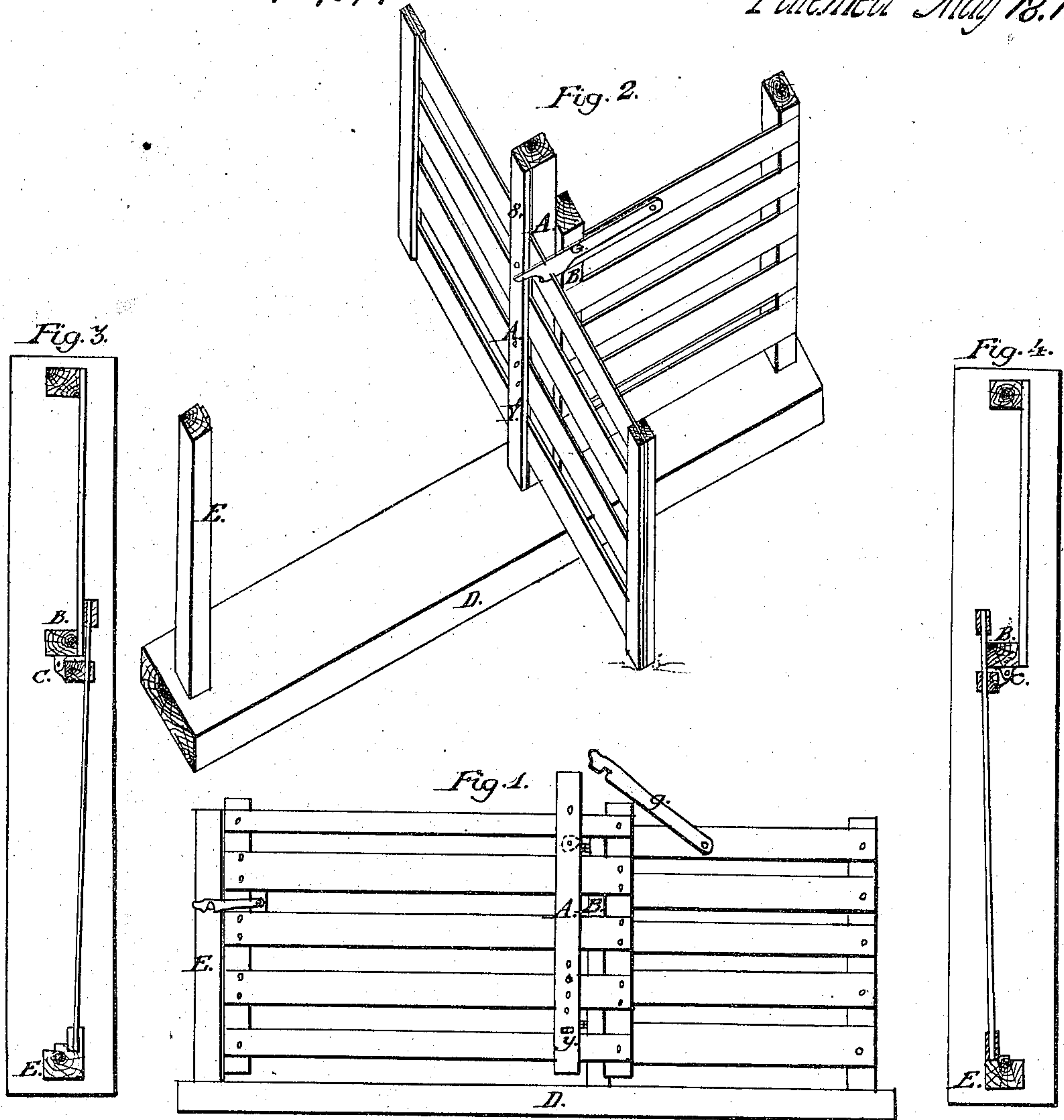


C. J. Brewer,

*Gale.*

No. 90,074.

*Patented May 18. 1869.*



Witnesses:

Ed. James  
Josiah Cansh,

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C. D. Brewer,



# United States Patent Office.

C. D. BREWER, OF WILLIAMSPORT, PENNSYLVANIA.

Letters Patent No. 90,074, dated May 18, 1869; antedated May 10, 1869.

## IMPROVEMENT IN GATES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, C. D. BREWER, of the city of Williamsport, in the county of Lycoming, and State of Pennsylvania, have invented a new and useful Improvement in Swinging and Sliding Gates for Fences; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, in which—

Figure 1 represents a front or flat view of my improved gate, closed and fastened;

Figure 2, a perspective view thereof, with the gate thrown open and hooked, and in which position it is intended to remain while the team is passing through;

Figure 3, a top view thereof, closed, with the gate resting against the outside of the fence; and

Figure 4, a top view thereof, also closed, but with the gate reversed endways, and resting against the inside of the fence.

The bottom board, marked D, represents the ground, in which the posts of the fence and gate are planted.

The nature of my improvement and invention consists in the construction of a fence-gate, with a swinging, or revolving hinge-bar, A, as shown in figs. 1 and 2, which bar is constructed with a slot, through which the gate slides, on the small roller E, as shown in fig. 1, the bar A being attached to the post B, by means of the hinges, C C, on which it revolves, as shown in figs. 3 and 4, and is so constructed as to allow the gate to pass through the slot therein, either half way back or all the way back, thereby making a sliding gate; or it can be used as a swinging gate by first sliding it back to the centre, at which point it will balance on the small roller E, and will then swing half way around, and fasten itself in the hook g, as shown in fig. 2.

From this position the gate can be closed by swinging it either to the right or to the left, before sliding it, as may be rendered necessary from the proximity of the team and wagon, growing crops, or any other cause.

The slot in the hinge-bar A is constructed longer than the width of the gate; this is for the purpose of

elevating or lowering the gate, which is done by removing the pin from the small roller E, and the pin y, and putting them into one of the other holes in said hinge-bar A, thereby enabling the gate to hang at any desired elevation.

This purpose may also be attained by removing the swinging hinge-bar A from one set of hooks in the post B to the other, as occasion may require, in case of deep snow, &c.

The gate, when closed, may be fastened to the post E, as shown in fig. 1, by means of a hook or a pin.

The manner of opening the gate is by first sliding it backward, until the notch o, in the upper board of the gate, as shown in fig. 1, comes on the roller E, at which point the gate will balance, then swing the gate around until the wooden hook g fastens it, as shown in fig. 2.

The gate being thus constructed and hinged, relieves the post B from any leverage whatever; simply imposing upon the said post B the actual weight of the gate and fixtures, which weight being equally divided between the two hinges, presses directly downward on the post B, thereby obviating the great difficulty of keeping the posts of gates perpendicular, as experienced in the old manner of hanging swinging gates, the leverage of which is much greater than the weight thereof.

Having thus fully and minutely described my improved gate, which may be constructed either from wood or iron, and explained the manner of working the same, and set forth its utility,

What, therefore, I claim as new, and of my invention, and for which I desire Letters Patent, is—

The hook g, and swinging hinge-bar A, by means of which a swinging and sliding gate may be so opened and closed as to rest, either at right angles with or against the inside or outside of the fence, when the same is constructed for the purposes set forth and described.

C. D. BREWER.

Witnesses:

F. B. DREEMER,  
T. JOHNSTON, Jr.