

J. Mayben,

Gate.

No. 102,569.

Patented May 3. 1870.

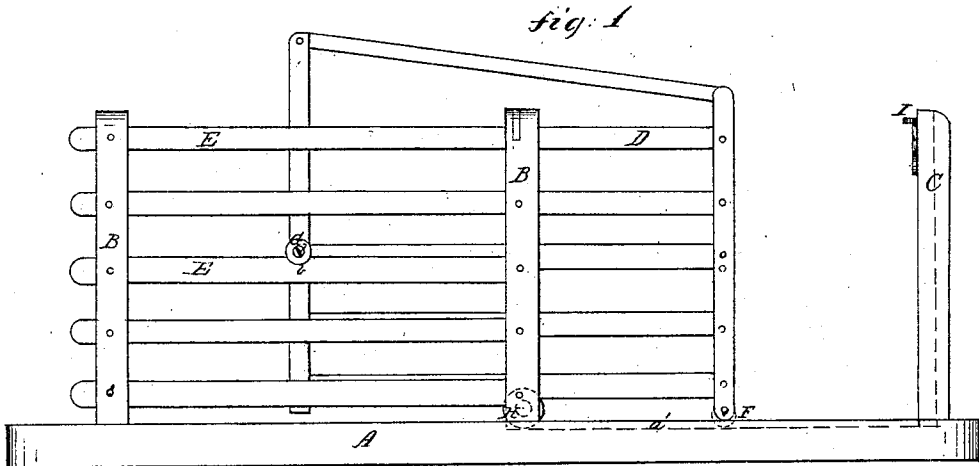
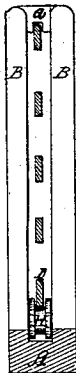


fig: 2



Witnesses

Geo. C. Lambright
W. N. Walton

Inventor

John Mayben

United States Patent Office.

JOHN MAYBEN, OF MILROY, PENNSYLVANIA.

Letters Patent No. 102,569, dated May 3, 1870; antedated April 23, 1870.

IMPROVEMENT IN FARM-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, JOHN MAYBEN, of Milroy, Mifflin county, Pennsylvania, have invented a new and improved Farm-Gate, of which the following is a full and exact description, reference being had to the accompanying drawing and letters of reference marked thereon, forming part of this specification.

Figure 1 is a side view.

Figure 2 is a sectional view.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

A is a bed of wood sunk in the ground.

B B are two uprights, which are fastened into the bed by mortise, and made secure at the top by a grooved guide, *a*, for the top rail of the gate to run in.

C is the head-post, with a groove in, to receive the end of the gate when fastened.

D is the gate.

E is part of a fence, showing one of the pulleys that rest on the fence-rail.

F and G are two pulleys. The pulley F is fastened to the bottom of the upright post of the gate, and runs along in a small groove, *a'*, in the bed or sill of the gate.

G is a pulley, that is attached to the other upright post of the gate, having a flange, *b*, which rests on one of the fence-bars, (the middle,) and prevents the gate from wobbling and oscillating.

H is a grooved pulley, which is fastened to the bottom, and between the two upright posts B B, and on which the gate D runs, and, by means of said groove and the other pulleys, the gate is kept in a firm and solid position while being operated.

I is a fastening of any ordinary nature, either a spring, catch, or bolt, as may be preferred.

The advantage of my gate consists in the cheapness of its construction, and the facility with which it can be operated. Any person riding up to it can slide it back on the pulleys just sufficiently far for himself and horse to go through, without the least trouble, and without dismounting from his horse, by taking hold of the top of the upright post of the gate, which has the pulley F at the bottom, and, by a gentle pressure downward upon the pulley, it can be opened with great ease.

The top rail of the gate *c* is made to incline, so that persons handling it to open the gate can be enabled to do so with more ease than by the ordinary rail.

I do not claim as new the running of gates on pulleys, as I am aware of the patents of J. H. Nonamaker, April 23, 1867, H. A. Henderson, of August 25, 1868, W. H. Goodale, of July 13, 1869, and others, where a pulley is used; nor do I claim any of the devices set forth by them; but

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

The grooved pulley H, in combination with the uprights B B, the grooved guide *a*, the pulleys F and G, the gate D, the sill or bed A, and grooved head-post C, all constructed and arranged as described, and for the uses and purposes set forth.

JOHN MAYBEN.

Witnesses:

W. N. WALTON,
M. H. N. KENDIG.