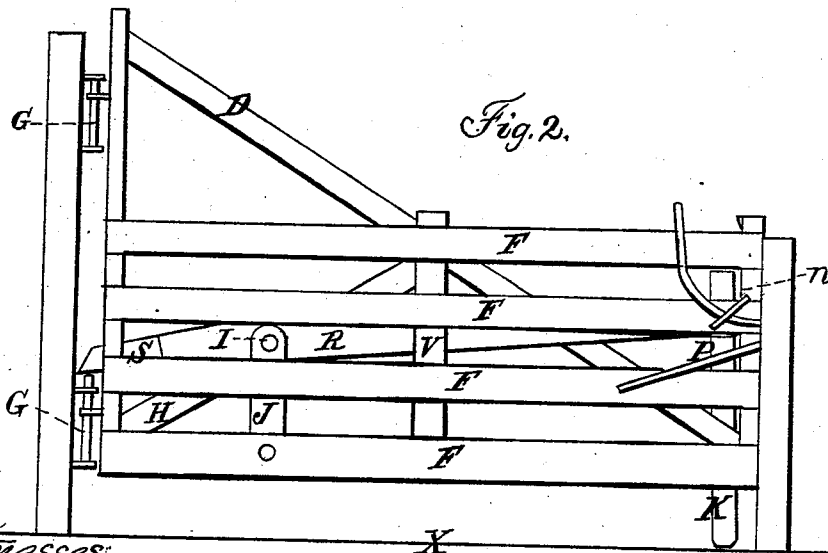
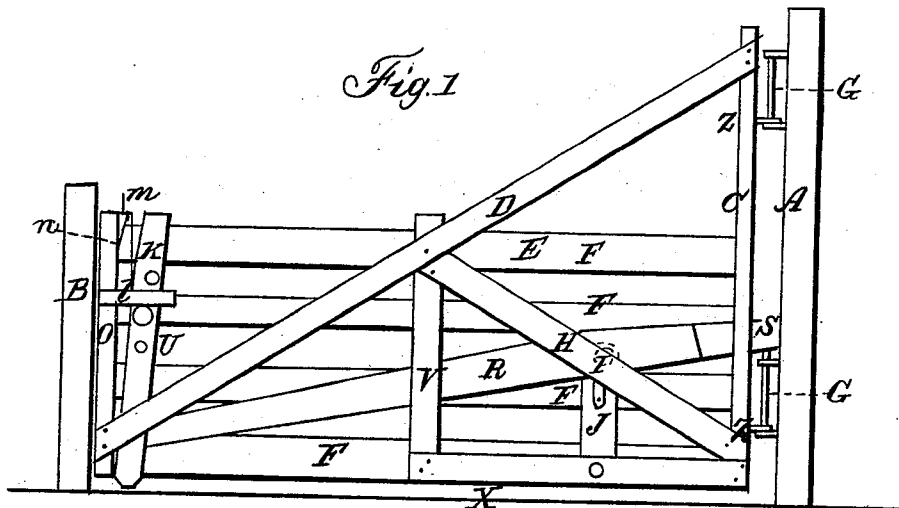


W. COOLEY.

Gate.

No. 70,963.

Patented Nov. 19, 1867.



Witnesses:  
L. O'Ring  
S B King

Inventor  
Wm Cooley  
By G. H. Chapin atty

# United States Patent Office.

WILLIAM COOLEY, OF TAFTON, WISCONSIN.

Letters Patent No. 70,963, dated November 19, 1867.

## 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, WILLIAM COOLEY, of Tafton, in the county of Grant, and State of Wisconsin, have invented a new and useful Improvement in Gates; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, and letters marked thereon, making a part of this specification, in which—

Figure 1 is an elevation of my gate, as when closed.

Figure 2, an elevation of the opposite side of the same, as when raised up to swing over snow or to permit small stock to pass under.

The nature of my invention consists in arranging the common slat-gate with vertical slide-hinges and a lever placed longitudinally with the gate, and used to raise it up or down, as the case may require, and in the use of a short post, made to slide vertically in the end of the gate, and operated by means of a spring-catch, and used to support and hold the end of the gate at a given point when open, and also at any required distance from the ground.

In order to give a correct understanding of my invention, I have marked corresponding parts with similar letters, and will now give a detailed description.

A represents the post to which the gate is hung, and B the post against which it shuts. C D F H O V represent the common gate, or one very similar to those now in use, and is arranged to rise and lower as follows: I use what are known as bar-hinges, G G, of such length as will correspond with height which the gate is to have from the ground line X X, when raised up, and make the eyes Z to slide easily on them, a lever, R, jointed to the brace H and vertical support J at I, being at a point which will give suitable leverage for raising the gate on hinges G. This lever has a sleeve, S, fitted on the short end, made of iron or suitable material, which is made to bear on the top end of the lower hinge G, by which means, when the opposite end of lever R is raised, the gate will be carried up, as seen at fig. 2, and held in position by means of a pin, or other fastening put through hole U, fig. 1. This arrangement for raising this is both simple and convenient, for raising the gate for small stock, such as swine, sheep, &c., to pass under, and also for carrying it over snow and other obstructions, and can be manufactured at a small increase of cost above the common gate. The arrangement for holding the gate in a given position, whether partially or wholly open, is also simple, and consists in the use of a post, K, arranged to slide up and down between the slats F and a support or guide, L, fig. 1, and also to drop below the gate, as far as the hinges G G allow it to be raised, by which means the pointed lower end of said post will fall upon the ground and hold the gate where desired. A spring-catch, n, is made to lock on the end of post K, and hold post K up, when it is not in use. P shows a common catch, for holding the gate shut in the usual manner.

The operation is very simple, and will require no further explanation to enable persons of ordinary capacity to make the gate in a workmanlike manner and use it.

Having thus fully described my device, what I claim, and desire to secure by Letters Patent, is—

1. The lever R, made to rest on the top of hinge G, in combination with sleeve S, gate F H O V C D, and support J, the whole being arranged substantially as set forth and for the purpose described.

2. The combination of the sliding post K with gate F H O V C D, hinges G G, lever R, and catch n, substantially as herein specified.

WM. COOLEY.

Witnesses:

L. O. KING,  
S. B. KING.