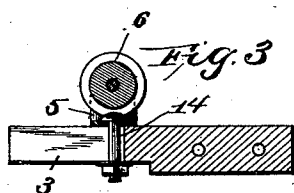
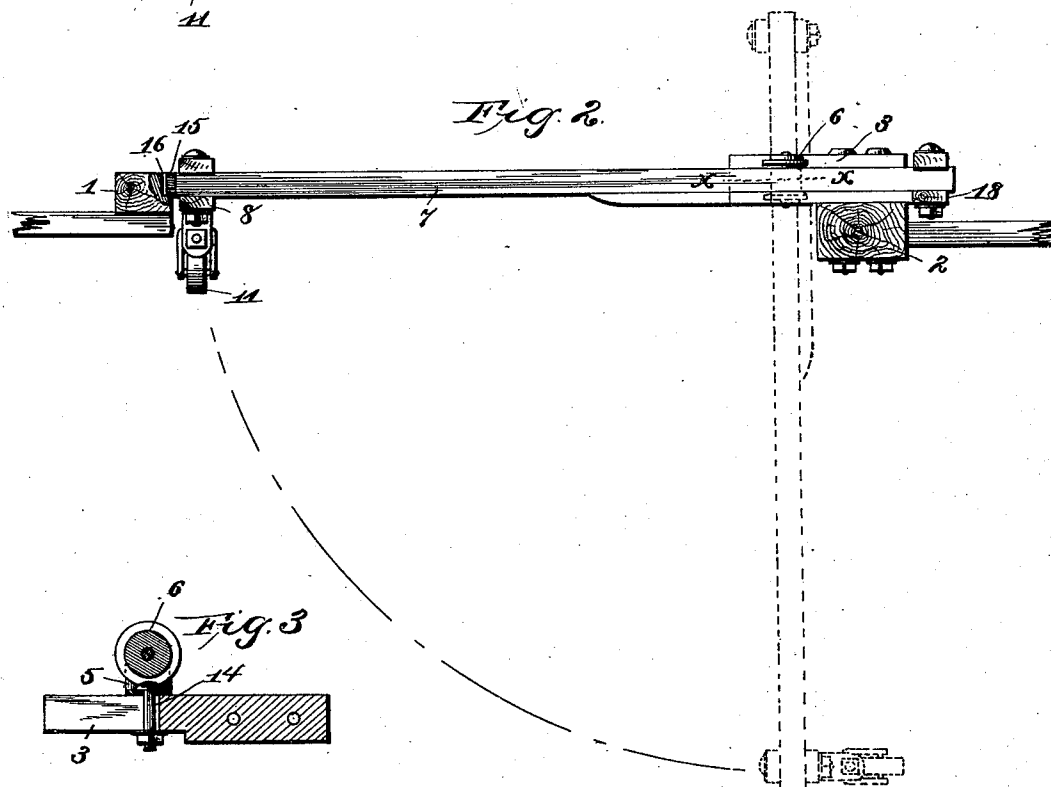
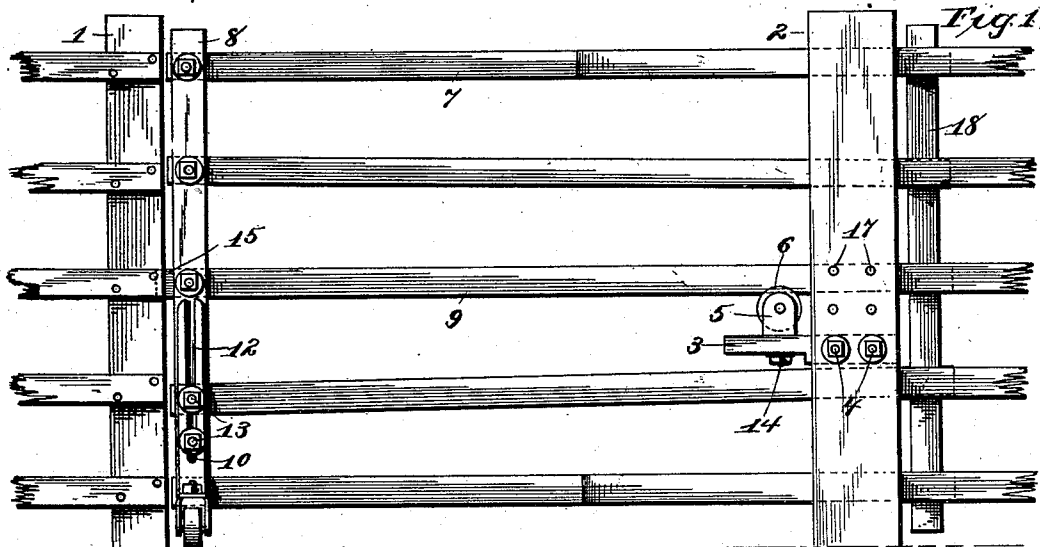


(No Model.)

I. H. SWINK.
GATE.

No. 572,228.

Patented Dec. 1, 1896.



Witnesses:

E. C. Wurdeman
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Inventor

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UNITED STATES PATENT OFFICE.

IRVING H. SWINK, OF DUBLIN, PENNSYLVANIA.

GATE.

SPECIFICATION forming part of Letters Patent No. 572,228, dated December 1, 1896.

Application filed November 15, 1895. Serial No. 569,021. (No model.)

To all whom it may concern:

Be it known that I, IRVING H. SWINK, a citizen of the United States, residing at Dublin, in the county of Bucks and State of Pennsylvania, have invented certain new and useful Improvements in Gates, of which the following is a specification.

My invention relates to a new and useful improvement in gates, and has for its object to provide such a device that may be either swung open or slid open or may be first partly slid open, so as to be balanced, and then swung open.

With these ends in view the invention consists in the details of construction and combination of elements hereinafter set forth, and then specifically designated by the claims.

In order that those skilled in the art to which my invention appertains may understand how to make and use the same, I will describe its construction and operation in detail, referring by number to the accompanying drawings, forming a part of this specification, and in which—

Figure 1 is an elevation of my improvement in position in connection with the posts of a fence; Fig. 2, a plan view showing two positions of the gate, one in full and the other in dotted lines; and Fig. 3 is a section at the line *x* of Fig. 2.

Similar numbers denote like parts in the views of the drawings.

1 and 2 represent the two end posts of a fence, set at a suitable distance apart to form a gate, the latter, 2, of which is of sufficient size and strength to sustain the weight of the gate and to permit said gate being slid and swung thereon.

3 is a bracket secured to post 2 in a horizontal position by bolts 4 and provided with a slot in which is adjustably swiveled a fork 5, having a flanged roll 6, journaled therein.

7 is the gate, composed of a series of rails secured at their ends to the vertical strips 8. The center rail 9 of the gate is adapted to fit within and be guided by the roll 6, in order that the gate may be supported when slid back and forth.

The bracket and roll taken together are of a width which nearly occupies the space between the rail 9 and the one next below, so

that the gate is thereby prevented from becoming displaced.

10 is a caster upon which is journaled the trundle-roll 11, and this caster is provided with a slot 12, through which pass the bolts 13, securing it to the vertical rail 8 of the gate. The object of this slot is that the caster may be adjusted in order to regulate the normal level of the gate.

From this description it will be seen that the operation of my improvement is as follows: Should the gate be in the position shown in full lines, it may, when it is desired to open the same, be slid back upon the roll sufficiently to cause it to balance itself and be then swung sidewise to the position shown in dotted lines in Fig. 2, the bracket 5 turning upon the bolt 14 to permit this swinging movement, or the gate may be slid upon the roll to the limit of its movement, thus leaving a free opening between the posts 1 and 2 for the passage of vehicles and the like. The gate may also be opened by swinging upon the bolt 14, in which case the trundle-roll will serve to support its free end. Any convenient latch may be secured to the gate in its closed position; but I prefer to extend the rail 9 past the outer upright 8, so as to form a latch 15, which is adapted to engage with the notch 16, cut in the post 1; and when this construction is used to latch the gate it is only necessary to swing it closed and slide it forward sufficiently to cause the extension 15 to engage said notch.

The bracket 3 may be adjusted upon the post 2 by removing the bolts 4 from the holes in which they are shown and replacing said bolts in either of the series of holes 17.

Other slight modifications may be made in my invention without departing from the spirit thereof, which rests in the broad idea of constructing a gate so as to permit its being swung upon a center or slid longitudinally, or both, in opening.

Having thus fully described my invention, what I claim as new and useful is—

1. A support for gates consisting of a vertically-adjustable bracket, a horizontally-adjustable fork swiveled thereto, and a guide-roll carried by the fork, in combination with a gate adapted to slide on the roll and a ver-

tically-adjustable caster, as and for the purpose described.

2. A support for gates, consisting of a vertically-adjustable bracket secured to a post
5 and having a horizontal slot therethrough, a fork adjustably swiveled in said slot, and a flanged roll journaled in the fork and adapted to form a guide for the gate in combination with a vertically-adjustable caster secured to
10 the end of the gate by bolts slidable in a slot in the caster, as and for the purpose described.

3. A support for gates consisting of a ver-

tically-adjustable bracket, a horizontally-adjustable fork swiveled thereto, and a roll journaled in the fork, as and for the purpose 15 described.

In testimony whereof I have hereunto affixed my signature in the presence of two subscribing witnesses.

IRVING H. SWINK.

Witnesses:

NOAH K. STEAR,
PEARSON R. KROUT.