

(No Model.)

W. H. H. SALLEE.
GATE.

No. 479,532.

Patented July 26, 1892.

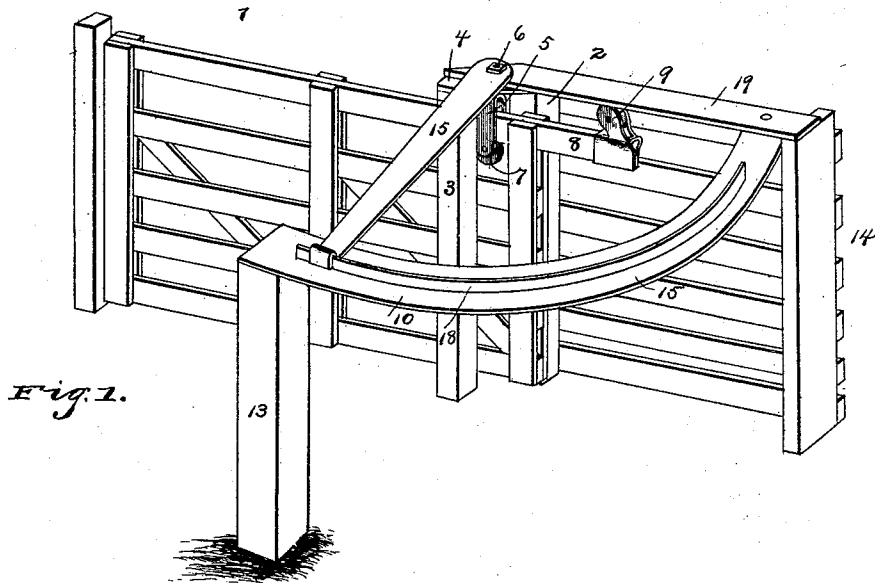


Fig. 1.

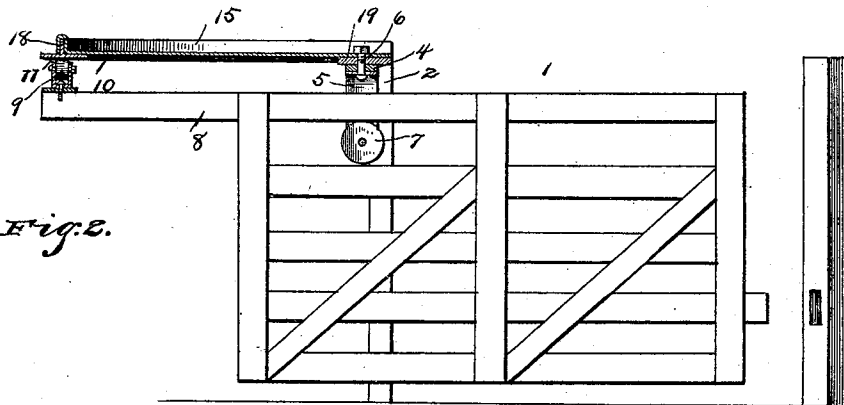


Fig. 2.

Witnesses

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WILLIAM H. H. SALLEE, OF RUTLEDGE, MISSOURI.

GATE.

SPECIFICATION forming part of Letters Patent No. 479,532, dated July 26, 1892.

Application filed March 17, 1892. Serial No. 425,304. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. H. SALLEE, a citizen of the United States, residing at Rutledge, in the county of Scotland and State of Missouri, have invented a new and useful Gate, of which the following is a specification.

The invention relates to improvements in gates.

The object of the present invention is to simplify and improve the construction of sliding and swinging gates and to prevent them from sagging and to facilitate their operation.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

In the drawings, Figure 1 is a perspective view of a gate constructed in accordance with this invention. Fig. 2 is a vertical sectional view, the gate being partly open and shown in elevation.

Like numerals of reference indicate like parts in both the figures of the drawings.

1 designates a sliding and swinging gate, which is arranged between posts 2 and 3 and suspended from a cross-bar 4, connecting the tops of the posts, in a swiveled hanger 5, adapted to turn to form a pivot for the gate to permit the latter to be arranged at right angles to the gateway. The hanger 5 is swiveled to and suspended from the cross-bar 4 by a bolt 6 and is provided with a roller or wheel 7 for supporting the gate and permitting the same to be moved longitudinally preparatory to turning the gate on a pivot.

The inner end of the gate is provided at the top with an extension 8, on which is mounted a swiveled roller or caster 9, projecting upward from the gate and adapted to roll against the lower face of a curved track-bar 10 of a frame 11. The frame 11 is composed of the curved track-bar and a vertical post 13, supporting the outer end of the track-bar. The inner end of the track-bar is secured to a portion of a fence 14 and the frame is supported by a brace 15, which has one end fastened by the bolt 6 and its other end secured to a curved

flange 18, projecting from the upper face of the track-bar.

When the gate is being partially opened, by sliding the same longitudinally preparatory to turning it on the bolt 6 the swivel caster or roller bears against the lower face of a straight track-bar 19, extending along the top of the fence. The curved track-bar creates sufficient friction to hold the gate at any desired point and also greatly facilitates free turning by keeping the outer end of the gate above the ground. It also prevents the gate's sagging when opened.

What I claim is—

1. The combination of a gate, a swiveled hanger having a roller supporting the gate, a swiveled roller mounted at the inner end of the gate and extending upward therefrom, and a curved track-bar arranged to be engaged by the swiveled roller, substantially as described.

2. The combination of a gate, a swiveled hanger having a roller supporting the gate, a straight track-bar disposed in a line with the gate, a curved track-bar extending from the rear end of the straight track-bar, and a swiveled caster mounted on the inner end of the gate and projecting upward and adapted to engage the lower faces of the track-bars, substantially as described.

3. The combination of a gate, a swiveled hanger provided with a roller and supporting the gate, a swiveled caster mounted on the inner end of the gate, a straight track-bar extending from and arranged in a line with the gate, the frame comprising the curved track-bar provided with a flange, the vertical post supporting the outer end of the curved track-bar, and a brace 15, having one end secured to the curved track-bar and bracing the same, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

WILLIAM H. H. SALLEE.

Witnesses:

A. E. MCQUOID,
J. W. PETTY.