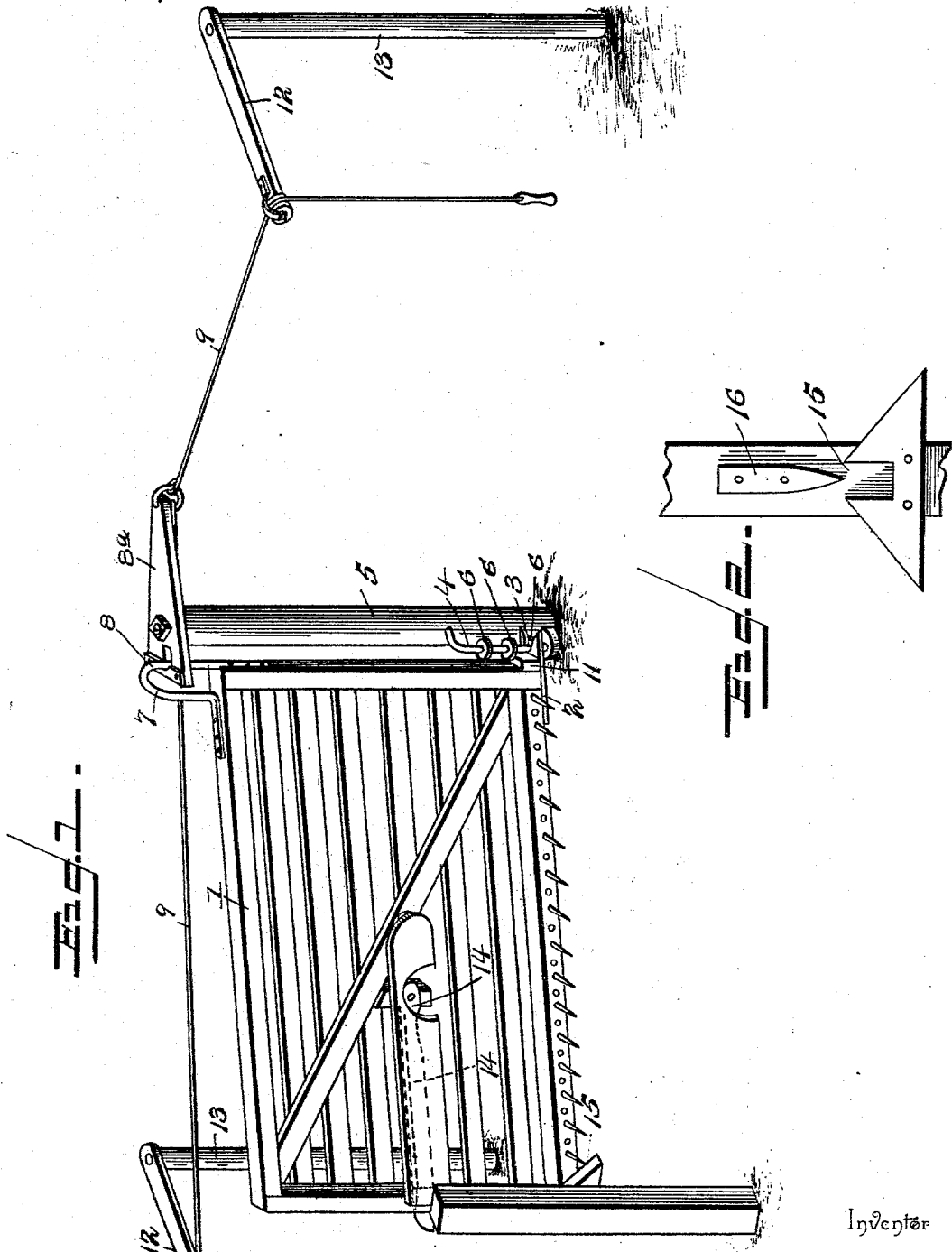


(No Model.)

M. L. RISON.
GATE.

No. 514,626.

Patented Feb. 13, 1894.



Inventor

Martin L. Rison,

By *his* Attorneys.

Cashow & Co.

Witnesses
E. H. Stewart,
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UNITED STATES PATENT OFFICE.

MASTIN L. RISON, OF PARIS, TENNESSEE.

GATE.

SPECIFICATION forming part of Letters Patent No. 514,626, dated February 13, 1894.

Application filed October 11, 1893. Serial No. 487,868. (No model.)

To all whom it may concern:

Be it known that I, MASTIN L. RISON, a citizen of the United States, residing at Paris, in the county of Henry and State of Tennessee, 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 improve the construction of swinging gates, and to provide a simple and inexpensive one, which may be readily opened a distance from it to avoid dismounting or leaving a vehicle, and which may be readily adjusted vertically to clear obstructions, and which when closed cannot be opened by stock.

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 swinging gate constructed in accordance with this invention, and shown partly open. Fig. 2 is a detail view showing the keeper of the latch.

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

1 designates a swinging gate, provided at its bottom with a rearwardly extending recessed plate 2 forming an open eye 3 to receive detachably a vertically disposed pintle 4, which is arranged adjacent to a hinge post 5, and which is provided with a vertical series of annular flanges 6 for supporting the plate 2, whereby the gate may be arranged at different elevations.

The gate is provided at its top adjacent to the hinge post with a vertical loop 7 formed on a stem 8 and operating as a keeper to retain the stem in a slot or opening of a horizontal lever 8^a, which is fulcrumed on the top of the hinge post, and which is connected with operating ropes 9, extending from the gate in opposite directions. The stem 8 of the vertical loop 7 permits the gate to be adjusted vertically; and in order to prevent hogs or other animals opening the gate a block 11 is arranged on the rear end of the gate at the

bottom thereof above the plate 2 to engage the flange next above it to operate as a stop.

The operating ropes may be provided at their outer ends with any suitable handles, which depend from horizontal arms 12 of uprights 13 located a suitable distance at each side of the gate, which is adapted to swing in either direction.

The gate is provided with a pivoted latch bar 14 adapted to be readily disengaged from a keeper 15 by the operating ropes, or by lifting it upward on its pivot by hand. When the horizontal lever swings in either direction the top of the gate is drawn rearward to lift the latch; and a wedge-shaped block having a tapering lower end is located above the recess of the keeper. The wedge-shaped block 16 is adapted to prevent the latch from being operated by stock.

The gate is provided at its bottom with projecting nails to prevent stock from injuring the gate.

It will be readily apparent that the gate is simple and comparatively inexpensive in construction, and is adapted to be readily opened without dismounting or leaving a vehicle and that it is capable of vertical adjustment.

Changes in the form, proportion and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

What I claim is—

1. The combination of a hinge post, a vertical pintle arranged at the bottom of the same and provided with a series of flanges, a swinging gate having a projecting plate receiving the pintle and adapted to rest upon the flanges thereof, a stem projecting above the gate, a horizontal lever fulcrumed on the hinge post and having an opening receiving the stem, and means for operating the lever, substantially as described.

2. The combination of a hinge post provided at its lower end with a vertical pintle having a series of flanges arranged at intervals, a swinging gate provided at its top with a vertical stem and having at its bottom a projecting plate detachably receiving the pintle and supported by one of the flanges thereof, a

block mounted on the gate and arranged to engage the flanges of the pintle to form a stop, and a horizontal lever fulcrumed on the hinge post and receiving said stem, substantially as described.

3. The combination of a hinge post, a vertical pintle arranged at the base of the same and provided with a vertical series of supporting flanges, a gate provided at its lower end with a rearwardly extending plate having a recess receiving the pintle and resting upon one of the flanges thereof, a vertical loop secured to the top of the gate, a horizontal le-

ver fulcrumed on top of the hinge post and provided with an opening receiving one side of said loop, and a block secured to the bottom of the gate and arranged above the plate and engaging one of the flanges of the pintle, 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.

MASTIN L. RISON.

Witnesses:

EWING H. HALEY,
A. R. BRYAN.