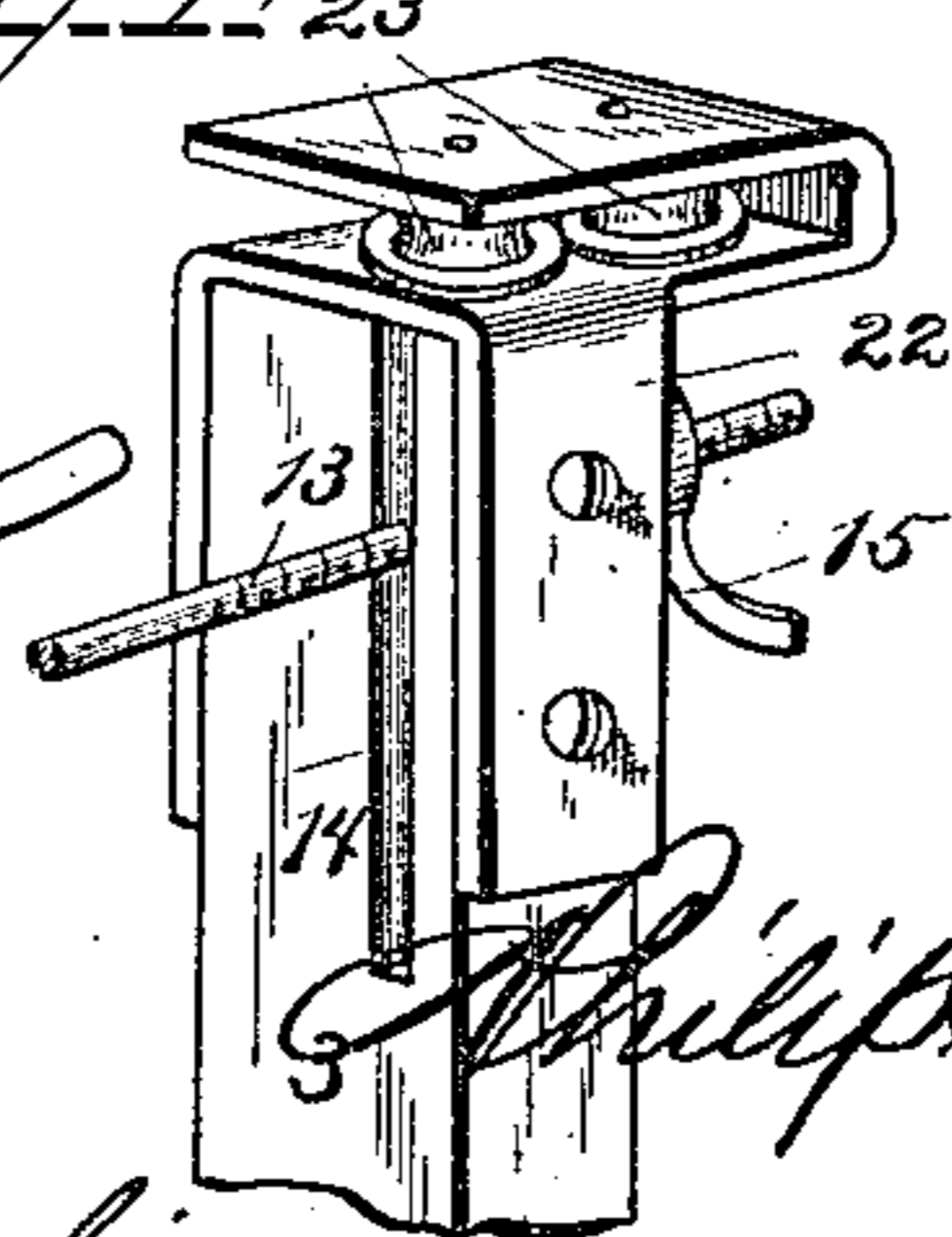
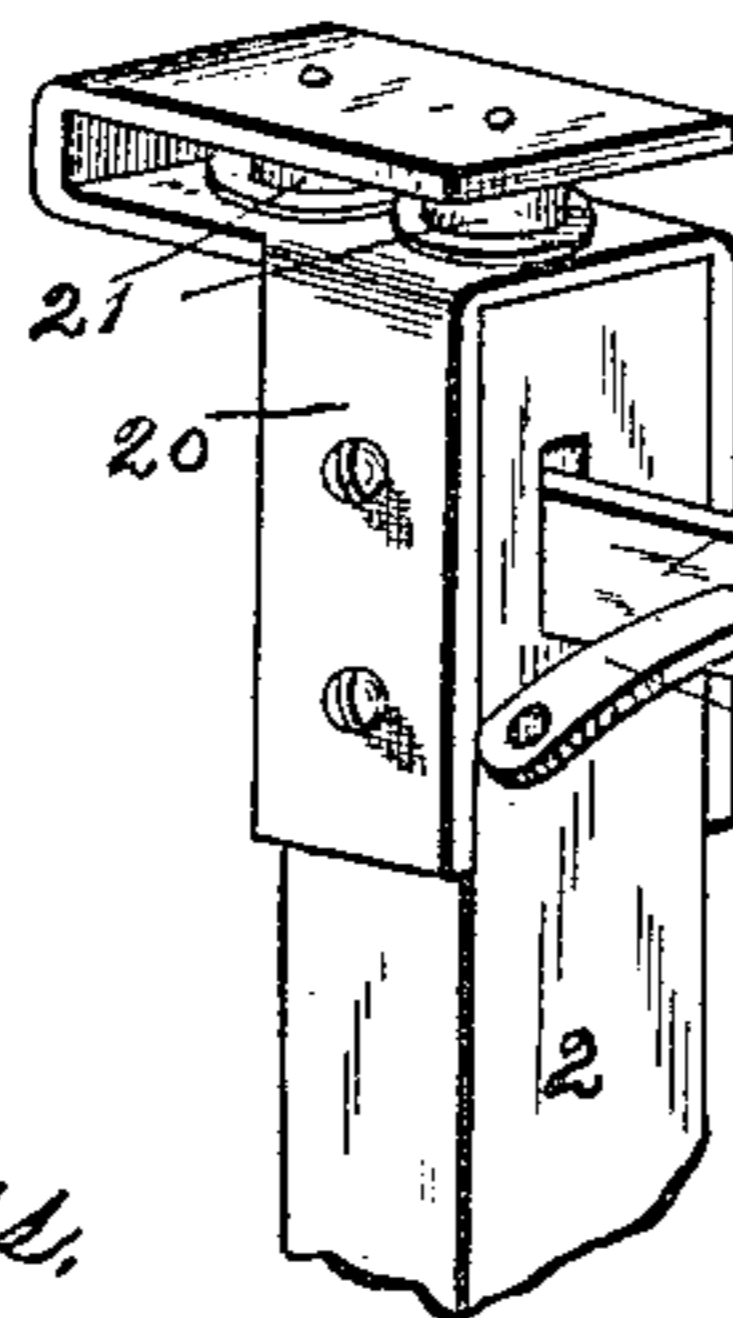
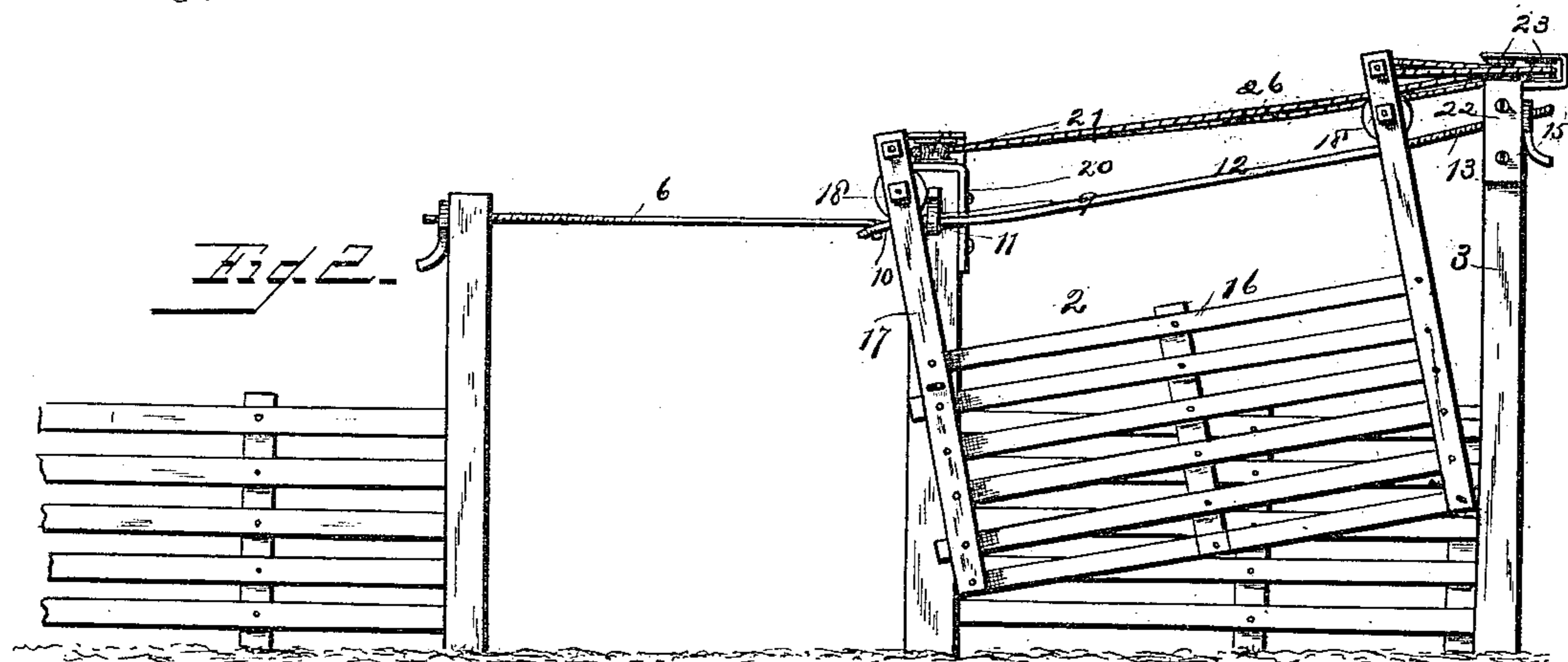
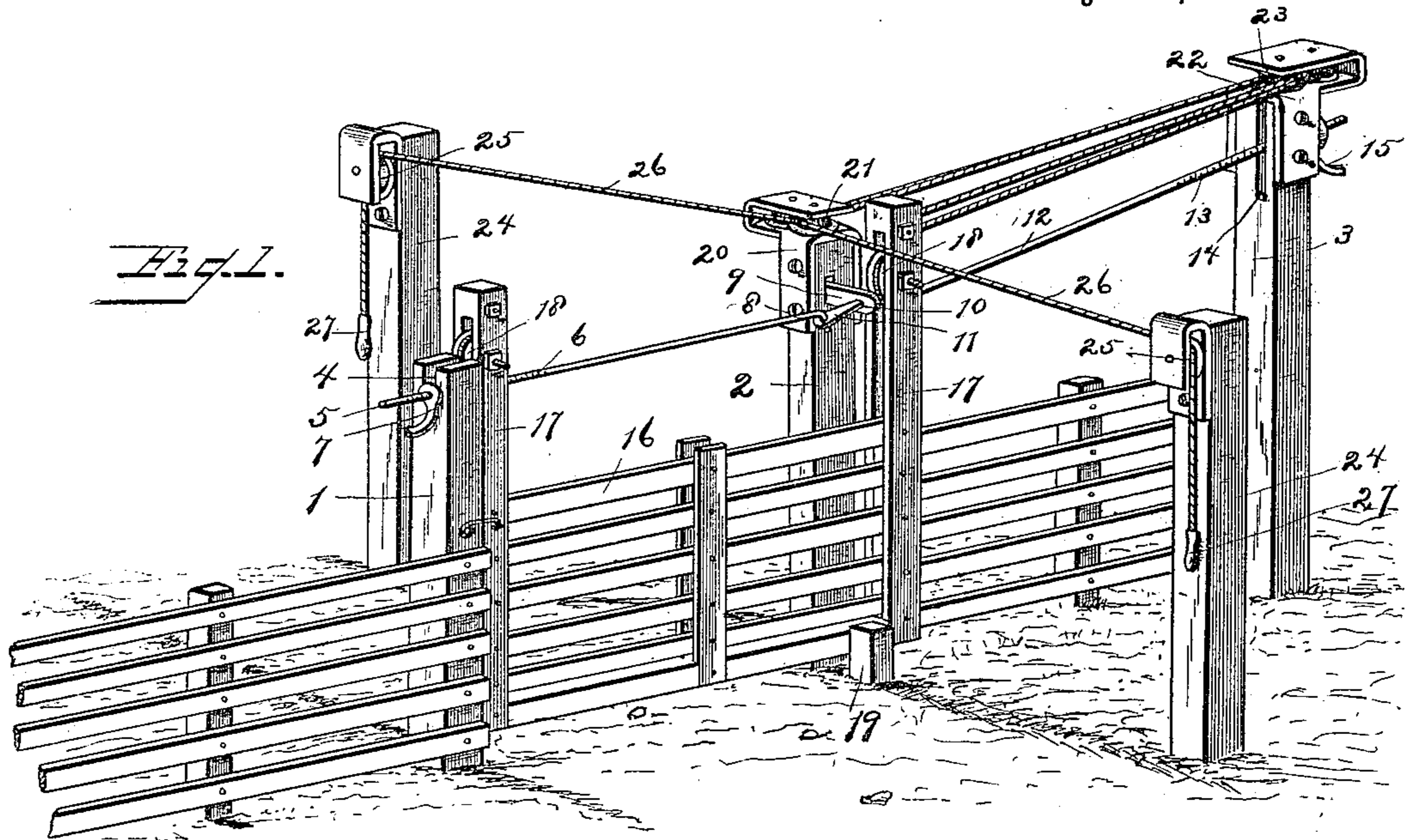


(No Model.)

P. S. BASNETT.
GATE.

No. 362,703.

Patented May 10, 1887.



Witnesses
H. L. Curand
Bennett Jones.

Inventor
Philip S. Basnett,
By his Attorneys
Louis R. Bagger & Co.

UNITED STATES PATENT OFFICE.

PHILIP SHIVELY BASNETT, OF BASNETT, WEST VIRGINIA.

GATE.

SPECIFICATION forming part of Letters Patent No. 362,703, dated May 10, 1887.

Application filed November 29, 1886. Serial No. 220,141. (No model.)

To all whom it may concern:

Be it known that I, PHILIP SHIVELY BASNETT, a citizen of the United States, and a resident of Basnett, (P. O.,) in the county of Marion and State of West Virginia, have invented certain new and useful Improvements in Gates; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective view of my improved gate, showing it closed. Fig. 2 is a front view of the gate, showing it opened. Fig. 3 is a perspective detail view of the upper end of the main post, and Fig. 4 is a similar view of the upper end of the inner or rear post.

Similar numerals of reference indicate corresponding parts in all the figures.

My invention has relation to that class of sliding or rolling gates in which the gate is provided with pulleys or rollers journaled in hangers, with which it travels upon a guide rod or track, and it contemplates certain improvements in the gate for which Letters Patent No. 328,748 were granted to me on the 20th day of October, 1885; and it consists, to that end, in the improved construction and combination of parts of such a gate, having the inner end of the guide-rod or track-rod inclined for the purpose of allowing the gate to return to its closed position by its own gravity, and in which ropes or chains are secured to the gate and passed over suitable pulleys or sheaves for the purpose of opening the gate from points of the roadway distant from the gate, as hereinafter more fully described and claimed.

In the accompanying drawings, the numeral 1 indicates the abutment-post, and 2 indicates the main post of the gate, and the numeral 3 indicates a post in the line of the fence to the rear of or inward of the main post, at a distance from the same.

The abutment-post is provided with a vertical slot, 4, in its upper end, into which slot the screw-threaded end 5 of a rod, 6, is placed, having a thumb-nut, 7, at its end bearing against the outer side of the post, and the in-

ner end, 8, of the rod is formed into a downwardly-bent hook.

The main post is formed with an outwardly-projecting bracket or arm, 9, having a perforation, 10, in its outer end, and the eyed end 11 of a rod, 12, projects through this perforation and engages the hooked end of the other rod, while the inner screw-threaded end, 13, of the rod rests in a vertical slot, 14, in the upper end of the inner post, having a thumb-nut, 15, upon the said end bearing against the side of the post and serving to adjust the rod at any desired height in the slot, giving it any desired incline toward the gate-aperture.

The gate 16 is formed with two pairs of upwardly-projecting hangers or arms, 17, between the upper ends of which two grooved rollers or pulleys, 18, are journaled, and the gate travels upon the guide rods with these grooved pulleys, having a block, 19, in the ground at the foot of the fence, serving to confine the foot of the gate.

The upper end of the main post is provided with a suitable frame, 20, consisting of a folded plate, between the upper and lower portion of which two pulleys or sheaves, 21, are journaled, the lower portion being provided with downwardly-projecting lips, by which it is secured to the top of the post, and a similar frame, 22, is secured upon the upper end of the inner or rear post, having two pulleys or sheaves, 23, journaled horizontally in it, and two posts, 24, are planted at a distance from the gate, at both sides of the same and at the side of the roadway leading through the gate, and have pulleys or sheaves 25 journaled vertically in their upper ends.

Two ropes or chains, 26, are secured to the upper end of the inner hanger of the gate and pass around the sheaves upon the inner post in opposite directions, from which they pass around the sheaves upon the main post in opposite directions, passing to the two posts at the roadside, where they pass down over the sheaves at the tops of these posts and are provided with suitable handles, 27.

It will now be seen that when one of these ropes or chains is pulled the gate will be drawn inward, opening the gateway, when the hooked rod may be raised in the same manner as in the former gate, and after the

rope or chain has been released the gate will, by its own gravity, roll back into its closed position, the inclined guide-rail or track-rail being adjusted by means of its thumb-nut in
5 the vertical slot in the post to such an angle that it will allow the gate to roll slowly back, while the incline is sufficiently small to prevent the gate from rolling back immediately after the gate has been drawn back, allowing
10 time for the vehicle, person or persons, or animals to pass through the gate without holding the rope drawn while passing.

Having thus described my invention, I claim and desire to secure by Letters Patent of the
15 United States—

In a sliding or rolling gate, the combination of a guide-rod or track-rod secured across the

gate-aperture, and having an inner portion formed with a screw-threaded end and provided with a thumb-nut, a post to the rear of 20 the main post of the gate, having a vertical slot for the reception of the threaded and nutted end of the rod, and a gate traveling upon the guide-rod, the thumb-nut serving to adjust the pitch of the inner portion of the guide-rod 25 by adjusting the end in the slot of the post, as and for the purpose shown and set forth.

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

PHILIP SHIVELY BASNETT.

Witnesses:

JACOB S. HAYDEN,
OLONZO L. WILSON.