A. WATSON.

FLOOD GATE AND FENCE.

No. 193,358. Patented July 24, 1877.

Fig. 1.

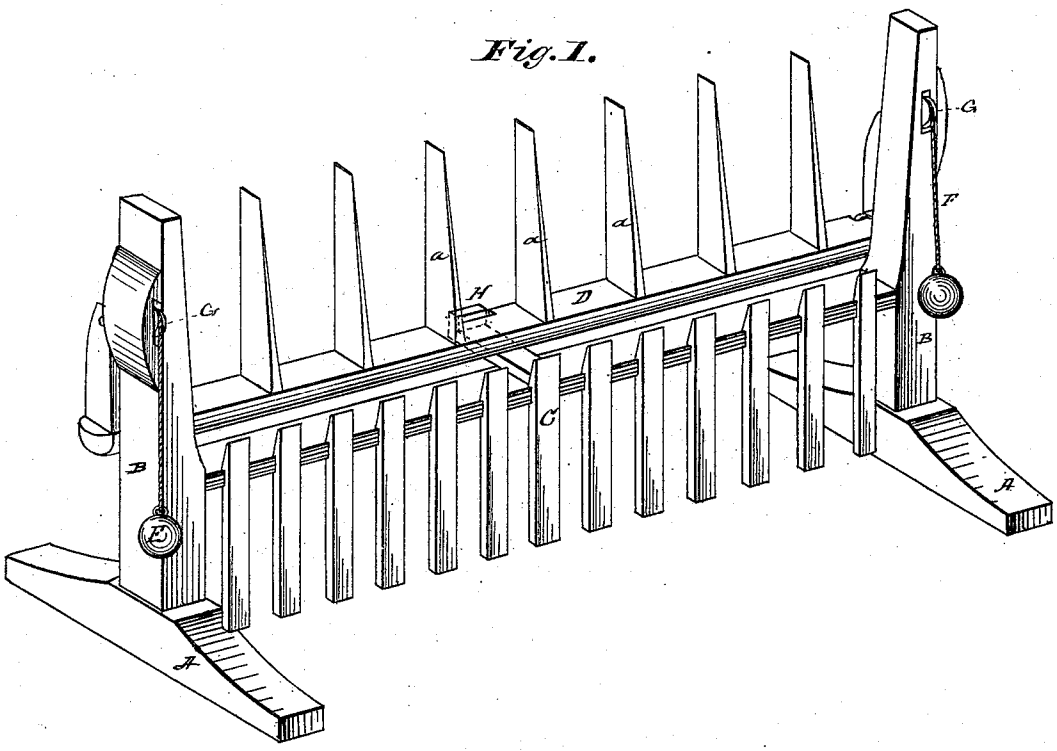
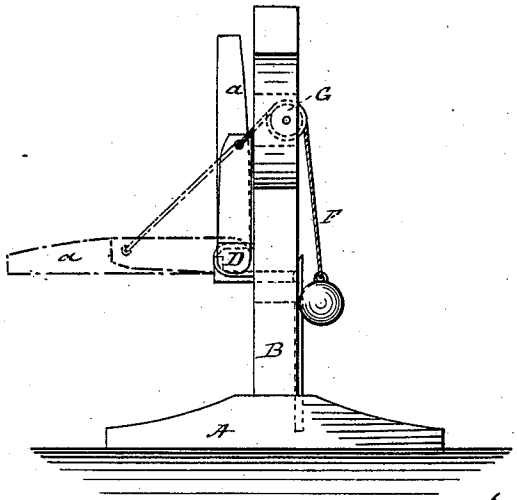


Fig. 2.



Witnesses:

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AUGUSTUS WATSON, OF ALTONA, MISSOURI.

IMPROVEMENT IN FLOOD GATE AND FENCE.

Specification forming part of Letters Patent No. **193,358**, dated July 24, 1877; application filed June 16, 1877.

To all whom it may concern:

Be it known that I, AUGUSTUS WATSON, of Altona, Bates county, State of Missouri, have invented certain new and useful Improvements in Flood Gate and Fence, of which the following is a clear, full, and exact description, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a perspective view of my improved flood-gate. Fig. 2 is an end view of the same with the flood-gate partially open.

My invention relates to improvements in flood gate and fence to be thrown across such streams as are subject to floods, and which, during the flood, offers no obstruction to the current and drift, and during low water guards the inclosure from the trespass of stock, or their escape from the same through the channel of the stream; and my invention consists in the general construction and arrangement of parts, as will be hereinafter fully described.

To enable others skilled in the art to make and use my invention, I will proceed to describe the exact manner in which I have carried it out.

In the drawings, A represents the under sills or foundation-frame of the gate and fence, which are designed to be placed upon or embedded in the bottom and banks of the stream, and which may be secured in place by stakes or other means. B represents the vertical posts placed in the ground or secured to the sills A by any suitable means, and upon the sides of the posts facing the current of the stream is secured the lower stationary section C of the fence; and upon the opposite sides of the posts are pivoted, in any convenient and removable manner, the shafts of the upper section D of the gate, and to which the stakes *a* are secured. The stakes of the section D are held in a vertical position by weights and cords F F, working on pulleys G, located in the upper part of the posts B, said cords being secured to the vertical stakes *a* of the gate. The gate, when forced down by drift-wood, &c., is supported in the middle by rest H, secured to the beams of the stationary fence, which prevents the gate from springing or swaying out of shape.

By means of the lower stationary section of the fence, animals are prevented from passing up or down the channel of the stream when low, and the upper section of the gate allows the water to pass over it when the water is high, and at other times forms a picket-fence.

In such streams where it is desired to dispense with the lower stationary section of the fence, the rest can be secured to a short post placed under the shaft of the section. It will also be observed that one or any number of panels can be used to accommodate any width of a stream where it is possible for a gate or gates to be used.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The lower stationary section C of a flood gate or fence, in combination with the upper pivoted section D, provided with the vertical stakes *a*, weights and cords F F, working on pulleys G, and the support H, all constructed to operate substantially as and for the purpose set forth.

AUGUSTUS WATSON.

Witnesses:

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