

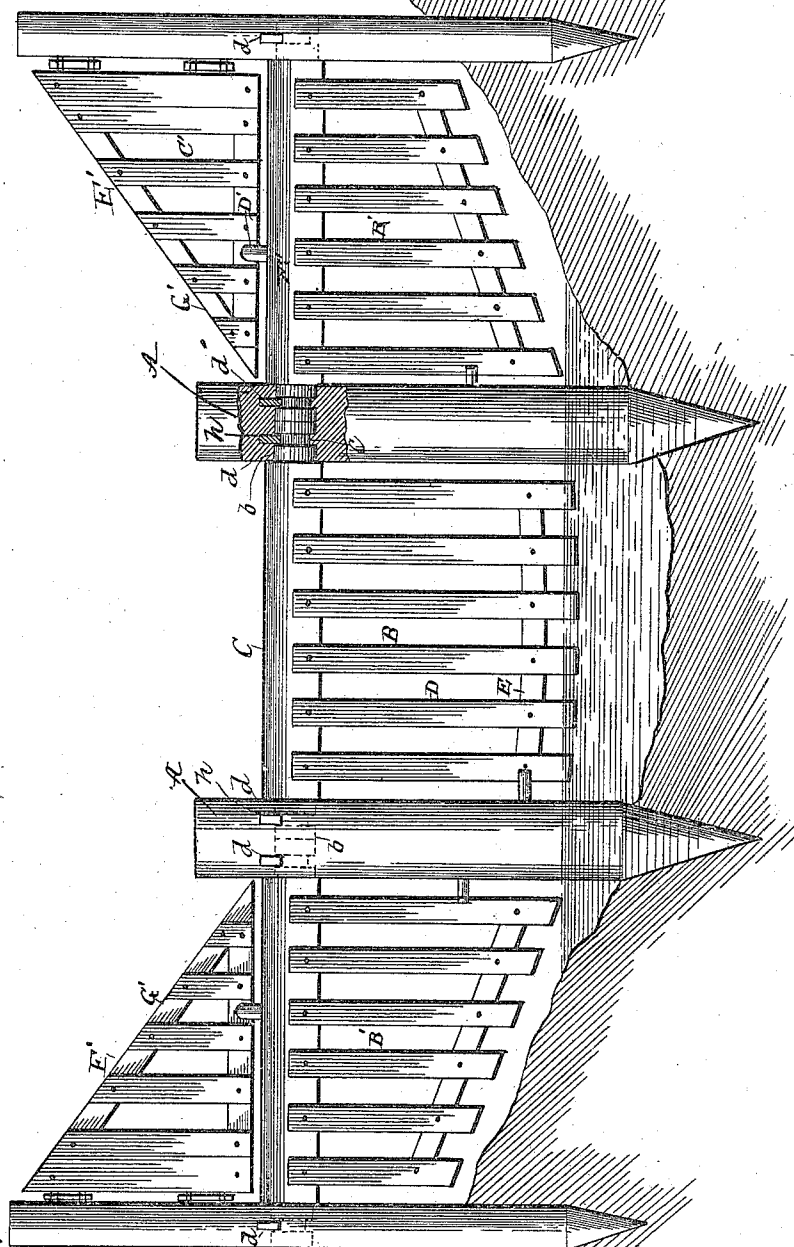
(No Model.)

T. D. WILSON.

COMBINED FENCE AND WATER GATE.

No. 363,350.

Patented May 17, 1887.



WITNESSES

Edwin F. Jewett,
W. F. Huntmann.

INVENTOR

Thos. D. Wilson,

By

W. A. Redmond,
his Attorney.

UNITED STATES PATENT OFFICE.

THOMAS D. WILSON, OF HOLLY GROVE, ARKANSAS.

COMBINED FENCE AND WATER-GATE.

SPECIFICATION forming part of Letters Patent No. 363,350, dated May 17, 1887.

Application filed September 28, 1886. Serial No. 214,745. (No model.)

To all whom it may concern:

Be it known that I, THOMAS D. WILSON, a citizen of the United States, residing at Holly Grove, in the county of Monroe and State of Arkansas, have invented certain new and useful Improvements in a Combined Fence and Water-Gate; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to gates for fences for low and marshy ground, and has for its object to provide a simple, durable water-gate which will exclude stock and which cannot be overturned by the wind or washed away by freshets; and it consists of the parts and combinations of parts, hereinafter described and claimed.

In the accompanying drawing, forming a part of this specification, the figure is a side elevation of my water-gate, one of the posts being partly broken away to show the end of the top bars of the gate.

Similar letters refer to similar parts.

My gate is adapted for low and marshy ground, and in crossing creeks, branches, and land subject to overflow.

A represents the posts of the main section of the gate, and B the gateway. These posts in practice should be at least twice the length of the adjacent posts, and they are driven into the banks of the stream to be crossed at low-water mark a sufficient depth to attain solidity. A round opening, *b*, is bored into the posts A, about five feet above the water, and the ends of the upper bar, C, of the gate inserted therein. As is clearly shown in the right-hand post, A, the ends of this bar C are rounded and a groove, *c*, cut therein at a short distance from the end.

Running through from each side of the posts, immediately above the opening *b*, and at right angle thereto, are square openings *d*, in which a key, *h*, is inserted, and which fits in the groove *c* of the bar C, and thus prevents the same from working out of the openings *b*. D

are slats the upper ends of which are nailed to the bar C, and which extend down to the surface of the water, immediately above which a strip or bar, E, is nailed to them, thus completing the gate. As shown, on each side of the main section of gate above described are smaller auxiliary gates B', similarly constructed, excepting that the lower ends of the gates are made to fit the incline of the bank of the stream as they are extended away from the body of the stream. These gates are to be extended outwardly from each bank of the stream until the farthest point of overflow is reached. To the upper part of the posts above the bars E', which support the last-named gates, guard-gates F' are hinged, so that they may swing outwardly or toward the bank to form a guard for and protection to the lower gates when the water is rising and falling. These gates are formed of bars G', arranged like a right-angled triangle, and are provided with slats C' and abut against a stop, D', in the upper bar, E', of the auxiliary gates B'.

While for the sake of convenience the above-described construction is designated a "gate," yet it is not a gate in the sense of a passageway to an inclosure.

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

The hereinbefore-described water-gate, consisting of the post A, having the openings *b*, the gate B, the upper bar, C, having the rounded ends, and grooves *c* therein, the keys *h*, the auxiliary gates B', and the hinged guard-gates F', formed like a right-angled triangle and adapted to swing outwardly against the banks of the stream.

In testimony whereof I affix my signature in presence of two witnesses.

THOS. D. WILSON.

Witnesses:

C. H. BOYD,
CHAS. T. PRIDE.