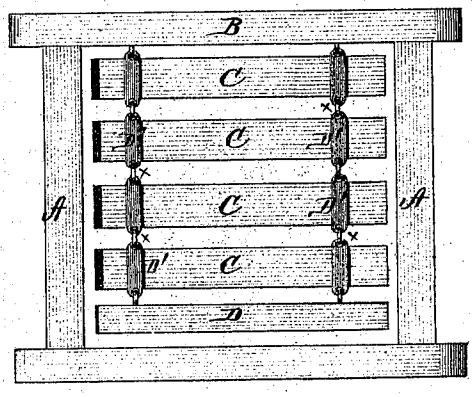
M. Hays,

Flood Fence.

No. 100623. Patented Mar. 8. 1870.



Witnesses

Harry King.

C. L. Evens.

Inventor.

M. Hays.

per Alexander & Mason

Attys.

United States Patent Office.

MARSHAL HAYS, OF FOSTORIA, OHIO.

Letters Patent No. 100,623, *dated March* 8, 1870.

IMPROVEMENT IN WATER-GATES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, MARSHAL HAYS, of Fostoria, in the county of Seneca, and in the State of Ohio, have invented certain new and useful Improvements in Water-Gates; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction and arrangement of a water-gate which will rise and fall with the rise and fall of the water, and at all times present an obstruction above the surface of the water for preventing cattle from passing through.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawings, which represent a front view of my gate.

A A represent two fence or gate-posts, placed one on each side of a stream, and connected at their upper ends by means of a bar or beam, B.

To the under side of the bar B, between the posts A A, is hinged a board, C, in such a manner that it can swing in either direction.

To the lower edge of the board C is, in like manner, hung another board, and so on as many as may be necessary.

To the under side of the last board is hung a square bar, D, to make the gate heavy.

The boards C are connected together by flat-metal plates D′, which are provided with a perforation at each end. These plates extend across the boards C, so that their perforations extend beyond the boards.

These plates D′ are then connected together by metal rings X, and form a hinge between the boards that allows the gate to swing in either direction.

It will readily be seen that as the water rises the gate will double up, floating on the top of the water, presenting, however, the necessary obstruction above the same, and, as the water falls, the gate unwinds and always keeps on the surface of the water, so as to present an obstacle for cattle, &c.

I am aware that a flexible water-gate is not new.

Having thus fully described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

The herein-described flexible water-gate, formed of the boards C C and weighted board D, when they are connected together by the flat-metal plates D′, having perforations at each end, through which pass the rings X, whereby the gate may operate in either direction, as herein set forth.

In testimony that I claim the foregoing, I have hereunto set my hand this 26th day of August, 1869.

MARSHAL HAYS.

Witnesses:

JOHN BUCK,

JOSIAH M. DANNEL.