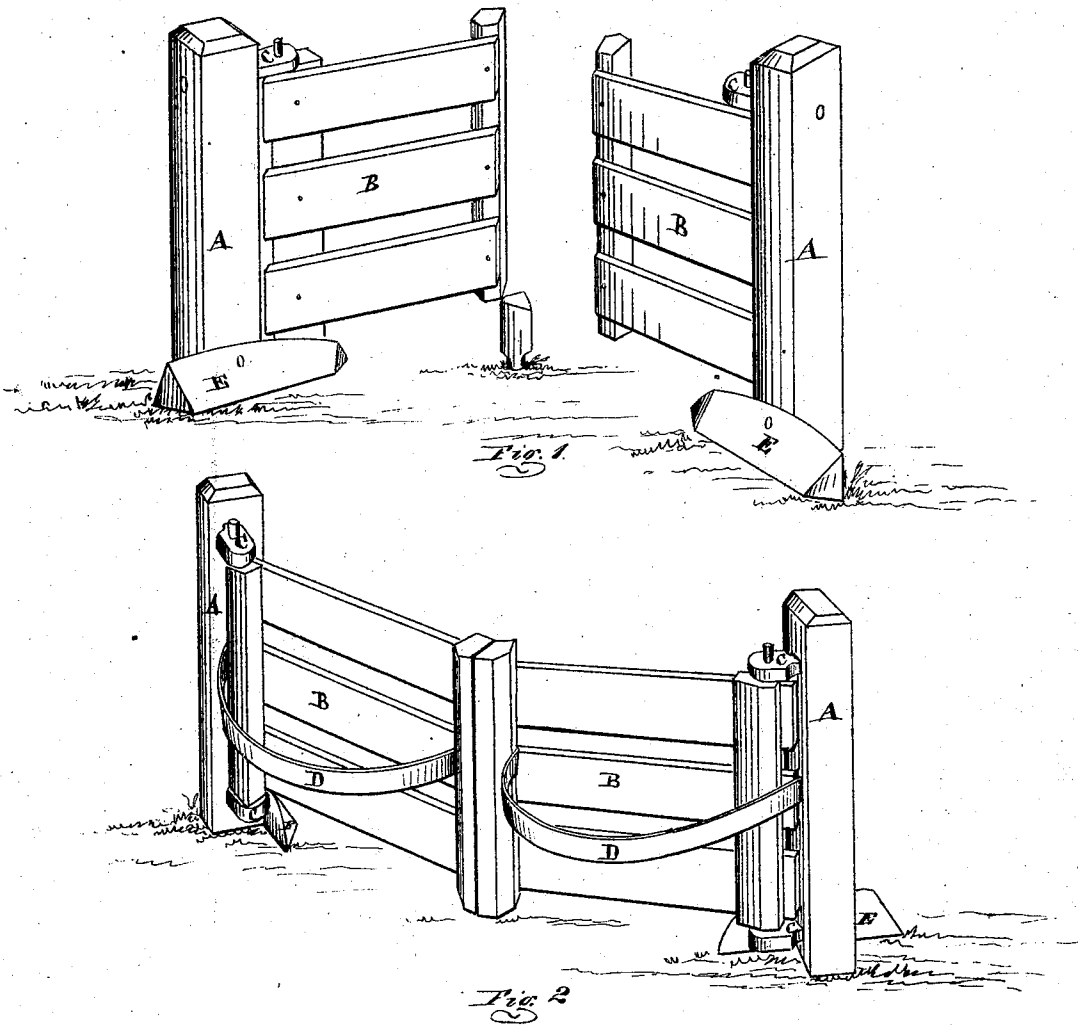


HENRY O. WAY.

Improvement in Flood-Gates.

No. 116,247.

Patented June 20, 1871.



ATTEST

H. O. Everts.
H. Stewart

INVENTOR

Henry O. Way
per attorney
Thos. S. Springer

UNITED STATES PATENT OFFICE.

HENRY O. WAY, OF THORNTOWN, INDIANA.

IMPROVEMENT IN FLOOD-GATES.

Specification forming part of Letters Patent No. 116,247, dated June 20, 1871; antedated June 15, 1871.

To all whom it may concern:

Be it known that I, HENRY O. WAY, of Thorntown, in the county of Boone and State of Indiana, have invented a new and useful Improvement in Flood-Gates; and I do declare that the following is a true and accurate description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon and being a part of this specification, in which—

Figure 1 is a perspective of the front, looking down stream; and Fig. 2 is a similar view of the rear, looking up stream.

Like letters indicate like parts in each figure.

The nature of this invention relates to the construction of a flood-gate to be erected over streams, so arranged that it will open at the pressure of the water, drift-wood, &c., and close when the pressure is removed, without danger of being carried away. The invention consists in the peculiar arrangement of the various parts for the purpose, as more fully hereinafter described.

In the drawing which accompanies this specification and forms a part thereof—

A represents posts firmly driven into the bank upon either side of the stream. B are two gates hung by suitable pintles C to the

posts in such a manner that when said gates are closed they will stand at an angle with each other, the point of the angle being the outer ends of the gates and pointing down stream. I call the inner ends of the gates the ends which are pivoted to the posts. D are heavy iron or steel springs, so arranged upon the down-stream side of the gates as to compel them to close when relieved from pressure from the opposite side. E are beveled fenders secured to the up-stream side of the posts to compel drift-wood and other obstructions to glide toward the center, where the two gates meet, and to protect the posts. When the pressure from above becomes too great the gates open and the obstructions pass through the opening, when the springs compel the gates to close.

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

A flood-gate wherein the posts A, gates B, pintles C, springs D, and fenders E are constructed, arranged, and operating substantially as and for the purposes set forth.

HENRY O. WAY.

Witnesses:

ALBERT W. CALDWELL,
ALEXANDER HORNER.