

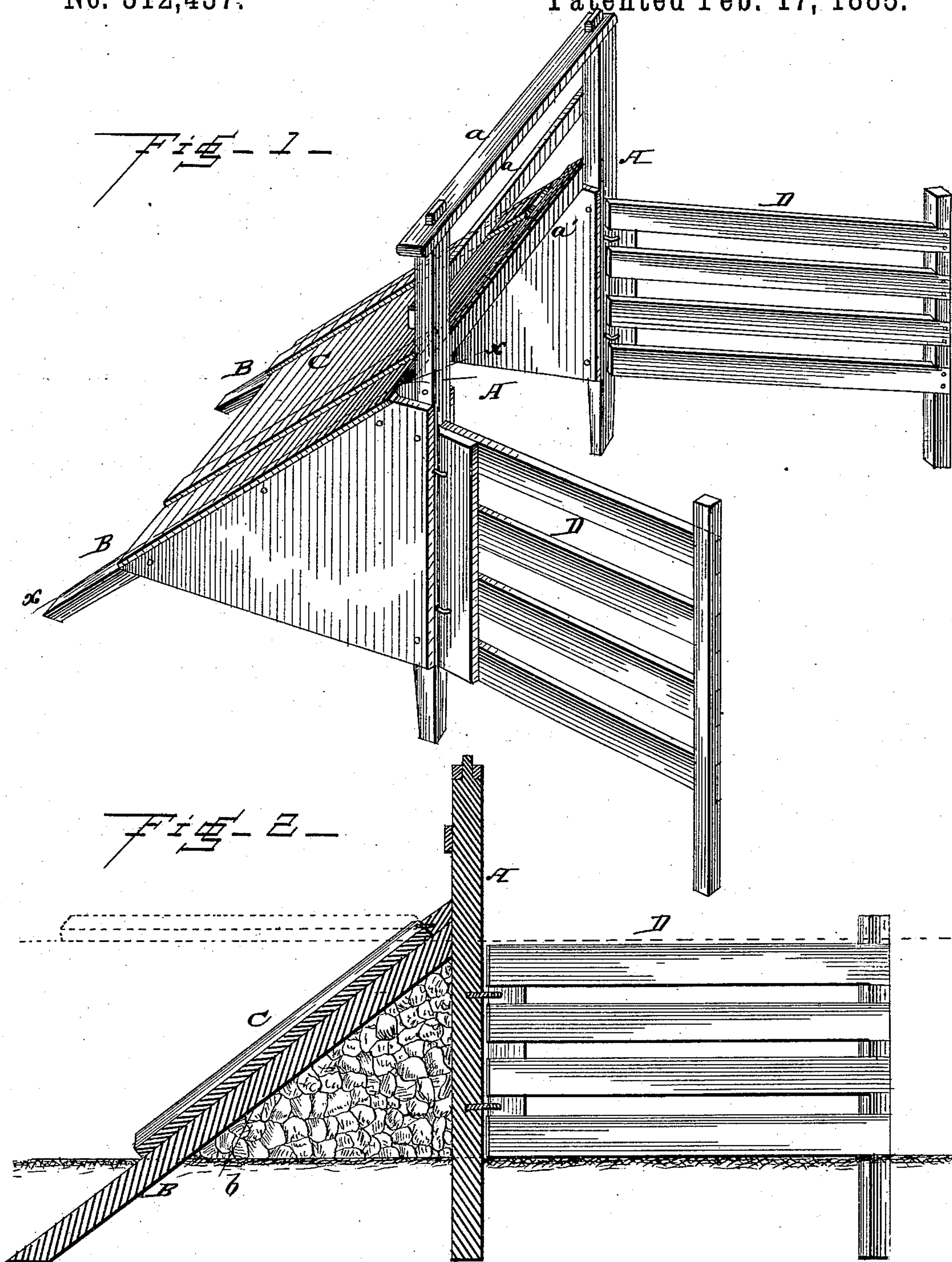
(No Model.)

H. T. DAY.

FLOOD GATE.

No. 312,437.

Patented Feb. 17, 1885.



WITNESSES:

Med. S. Dieterich.
Co. C. Walford

INVENTOR.

Hiram T. Day

By *De Witt Allen*
ATTORNEY.

UNITED STATES PATENT OFFICE.

HIRAM T. DAY, OF FULLERTON, ILLINOIS.

FLOOD-GATE.

SPECIFICATION forming part of Letters Patent No. 312,437, dated February 17, 1885.

Application filed July 18, 1884. (No model.)

To all whom it may concern:

Be it known that I, HIRAM T. DAY, of Fullerton, in the county of De Witt, and in the State of Illinois, have invented certain new and useful Improvements in Flood-Gates; and I 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, and in which—

Figure 1 is a view in perspective of my improved gate; Fig. 2, a section through the line *x x* of Fig. 1.

This invention relates to certain new and useful improvements in flood-gates, having for its object the production of a cheap, simple, and durable gate in which the drift-wood, trash, &c., can be readily turned toward the gate; and the invention consists in novel features of construction and combination and arrangements of parts, all as will be hereinafter fully described, and set forth in the claims hereto annexed.

In the drawings, A A represent two vertical uprights or posts, and B B two inclined braces, said uprights or posts and braces being framed or joined together, as shown, or in any other suitable manner, and connected by cross-bars *a a a'*, all as clearly shown in Fig. 1.

C represents the flood-gate, pivotally suspended at its upper end from the lower cross-bar, *a'*, so that the bottom of the gate will rest upon the water during a flood or rise of the water and fall upon the inclined braces.

The uprights or posts A A and braces B B are each boarded with planks on inside and outside, and the intervening spaces, *b b*, are each filled with stone, brick, or gravel, or can be filled with masonry, if desired, for holding the gate in position or preventing its being carried away by a flood.

D D represent two panel sections or wings of

a common board fence, which are hinged or pivotally connected to the front side of the vertical uprights or posts A A, and turned out at an angle to the flood-gate C, as shown in Fig. 1, so as to turn the drift-wood, trash, &c., toward the flood-gate C. These sections or wings D D are also for the purpose of giving a support to the two heavy uprights or posts A A, supporting the flood-gate C. It will thus be seen that the uprights or posts A A are supported by the double walls, filled between with stone or other heavy material, as above mentioned, the inclined braces B B and the sections or wings D D thus forming a strong and durable gate, and one which permits the drift-wood, trash, &c., to be turned into and through the gate.

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

1. In a flood-gate, the combination of the uprights or posts A A, inclined braces B B, double walls filled with stone or other suitable material, connecting cross-bars *a a'*, and the hinged or pivotally-suspended gate C, all arranged substantially in the manner as and for the purpose herein shown and described.

2. In a flood-gate, the combination of the vertical uprights or posts A A, inclined braces B B, double walls filled with stone or other suitable material, connecting cross-bars, hinged or pivotally-suspended flood-gate C, and the sections or wings D D, arranged at an angle to said gate, substantially as and for the purpose herein shown and described.

In testimony that I claim the foregoing I have hereunto set my hand this 11th day of June, 1884.

HIRAM T. DAY.

Witnesses:

THOS. SLADE,
S. R. GRIFFITH.