

V. WOOD,
Flood Fence.

No. 78,633.

Patented June 2, 1868.

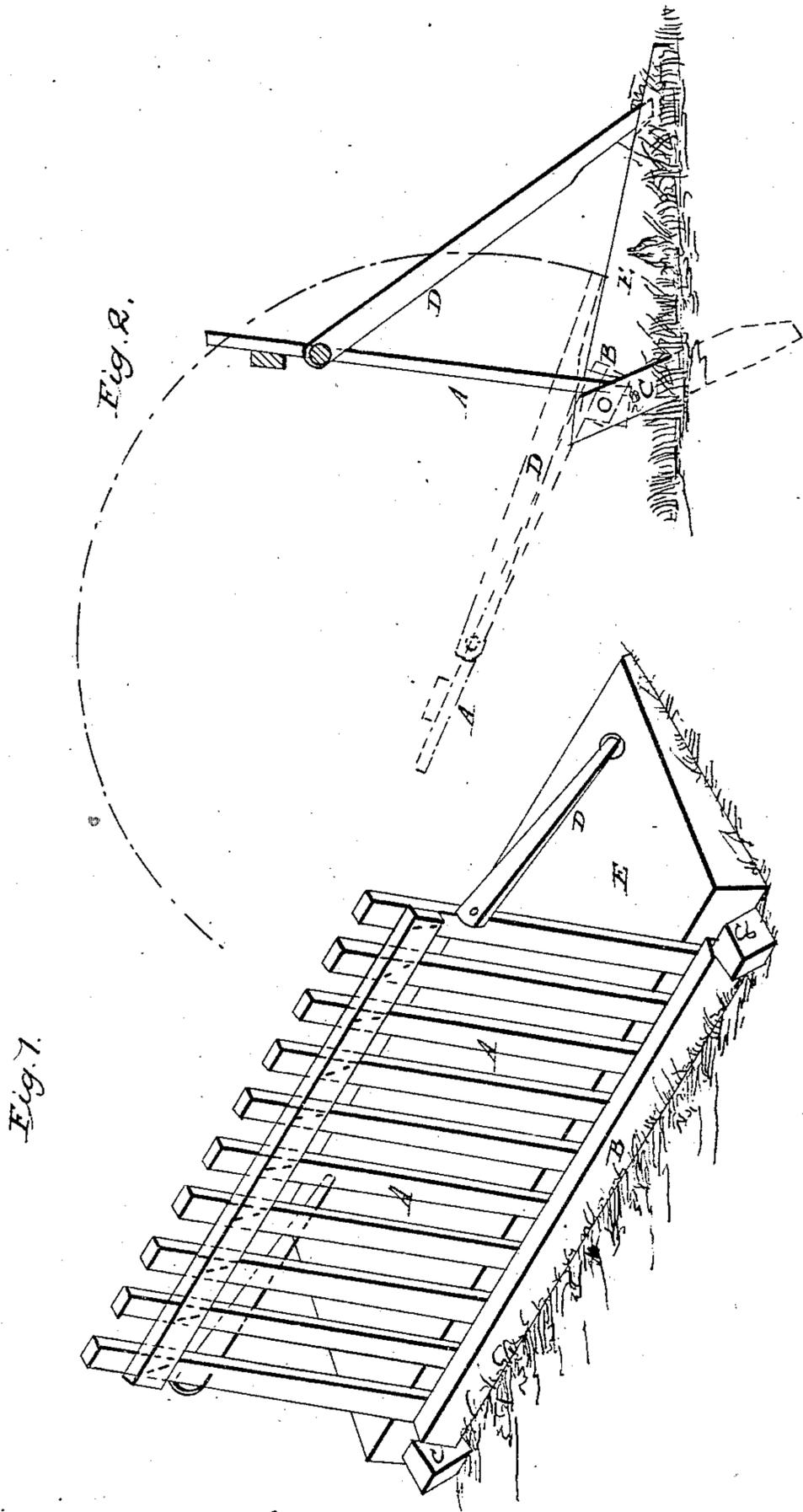


Fig. 1.

Witnesses.
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VALENTINE WOOD, OF RICHMOND, INDIANA.

Letters Patent No. 78,633, dated June 2, 1868.

IMPROVEMENT IN FLOOD-FENCE.

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, VALENTINE WOOD, of Richmond, in the county of Wayne, and State of Indiana, have invented a new and useful Improvement in Fences; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making part of this specification, in which—

Figure 1 is a perspective view, and

Figure 2 is a vertical section.

The same letters in both figures are used to indicate identical parts.

My improvement relates to the construction of a fence to be used on creek-bottoms, which are liable to overflow, and consists in the arrangement of posts in such manner that the fence, swinging upon its lower board as a pivot, shall yield to the pressure of the current of water, and being prostrated, but not liable to be swept away, will require only to be set up again after the subsidence of the flood.

In the annexed drawing, A is a panel of fence, formed by vertical pickets and transverse boards or bars, to which they are nailed, so as to form each panel independently of all others. The lower board, B, is constructed with journals, which are received into round holes in the posts C C, which are driven firmly into the ground, being so fixed in position that they may sustain the strain of the current pressing against the panel.

D D are braces, pivoted to the ends of the panel, and on which the panel rests, it being inclined towards the direction from which the water flows, and resting upon the braces, the ends of which are inserted into the ground only far enough to prevent their slipping.

E is an embankment of earth or stone, placed immediately above the fence, and rising gradually until its summit is a little above the bar B, so that the force of the current may not be directed against the fence, when prostrated, as it will be by the descending floods, but be diverted upwards, and carried over the fence, so as to reduce the strain upon the posts.

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

The fence-panel A, the lower bar, B, of which is pivoted to posts C, and which is supported in an inclined position by braces D, when arranged in relation to the embankment E, to operate substantially as described.

In testimony whereof, I have signed my name to this specification in the presence of two subscribing witnesses.

VALENTINE WOOD.

Witnesses:

JOHN S. HOLLINGSHEAD,

JOHN D. BLOOR.