

W. F. Auxier,

Flood Fence

No. 93,161.

Patented Aug. 3. 1869.

Fig. 2.

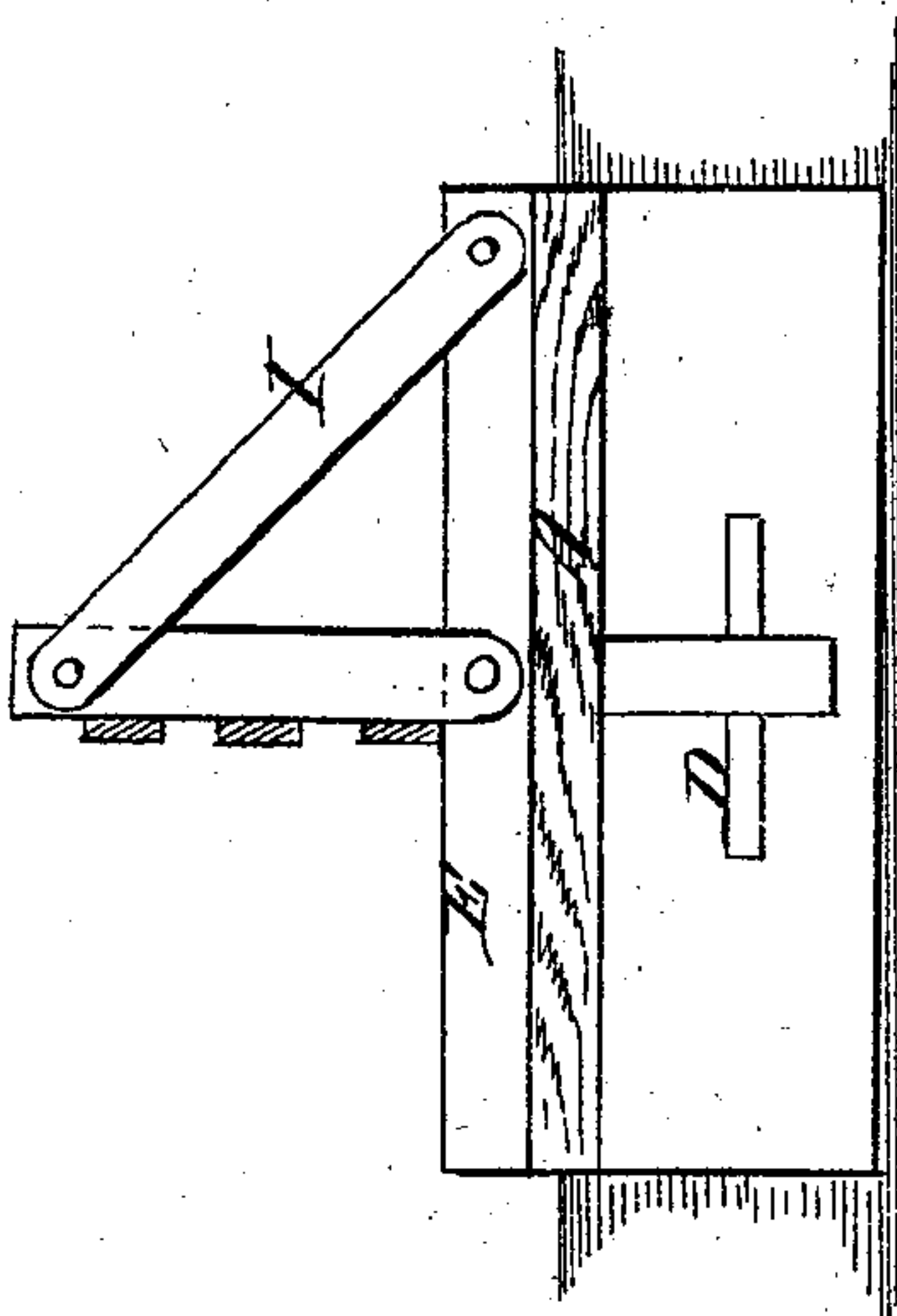
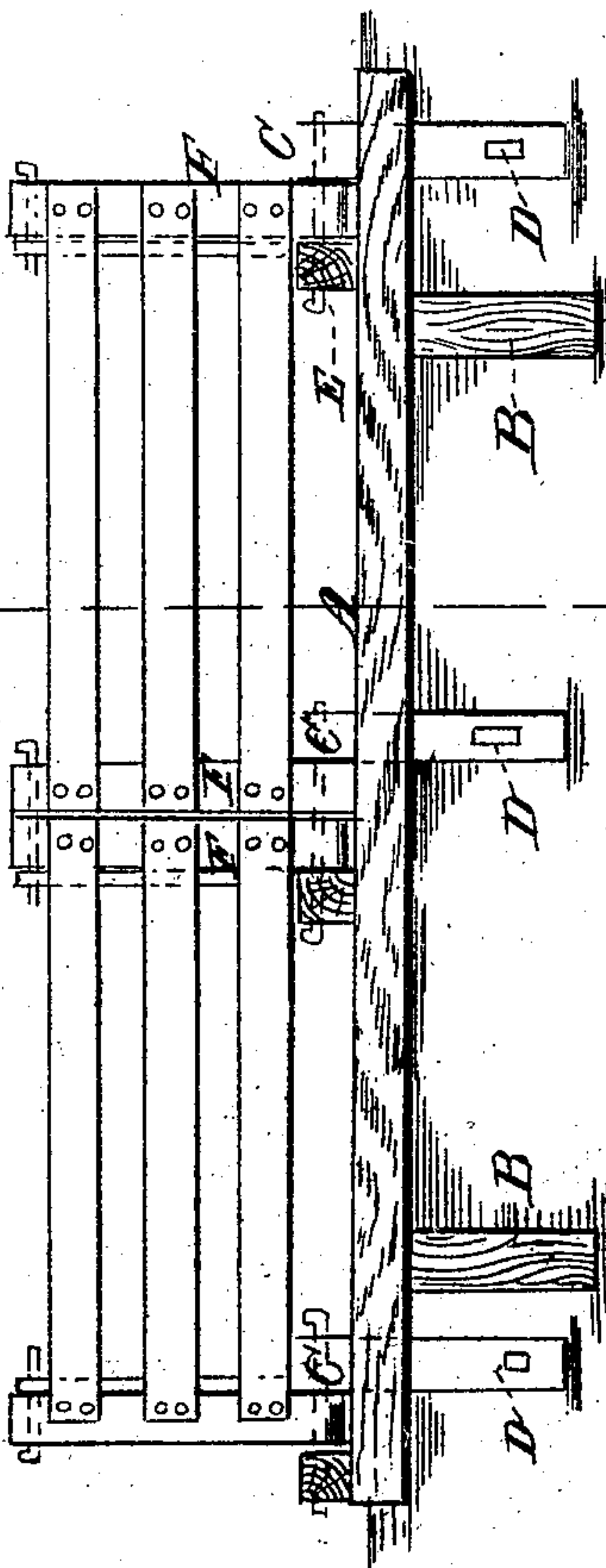


Fig. 1.



Witnesses:

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WILLIAM F. AUXIER, OF MASON CITY, ILLINOIS.

Letters Patent No. 93,161, dated August 3, 1869.

IMPROVEMENT IN FLOOD-FENCES.

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, WILLIAM F. AUXIER, of Mason City, in the county of Mason, and State of Illinois, have invented a new and useful Improvement in Fences; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to improvements in fences for river-bottoms liable to be overflowed in times of high water, the object of which is to provide a fence which may be readily turned down so as to make less resistance to the water, and which will be so secured to the ground as not to float away.

Figure 1 represents a side elevation of my improved fence, as placed on the ground, with the latter moved on one side to show the manner of anchoring it.

Figure 2 represents a similar transverse section.

Similar letters of reference indicate corresponding parts.

I provide for low places, where the water flows in strong currents, a foundation, or base, A, of planking, running longitudinally with the fence, and provided with transverse connecting-planks B, set edgewise on the under side, to be let into the ground, and secured as much as possible by packing the earth around them.

To these planks A, I attach short posts C, projecting through them into the ground, and provided with transverse bars D, for anchoring them.

The upper ends rise sufficiently above the said

planks for hinging the posts of the fence to them, and they are placed the same distances apart as the posts are required to be.

Above the planks A are transverse beams E, placed sufficiently near the upper ends of the posts C for hinging the posts F of the fence between them and the said posts, the pivot-bolts passing through both.

Where two posts are to be placed side by side, the space between these beams E and the posts C is made to admit both posts.

These transverse beams E serve for the support of braces I, to be bolted to them, and to the tops of the posts.

These braces may be connected by wooden pins, which will have sufficient strength to hold the fences upright when no floods exist, but which will break when the water flows with considerable force, and allow the fences to go down, or the pins may be made of stronger material, to be removed in times when floods are expected.

Having thus described my invention,

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

The combination of the base A, transverse planks B, posts C, anchors D, transverse beams E, posts F, and braces I, when all arranged substantially as specified.

WILLIAM F. AUXIER.

Witnesses:

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