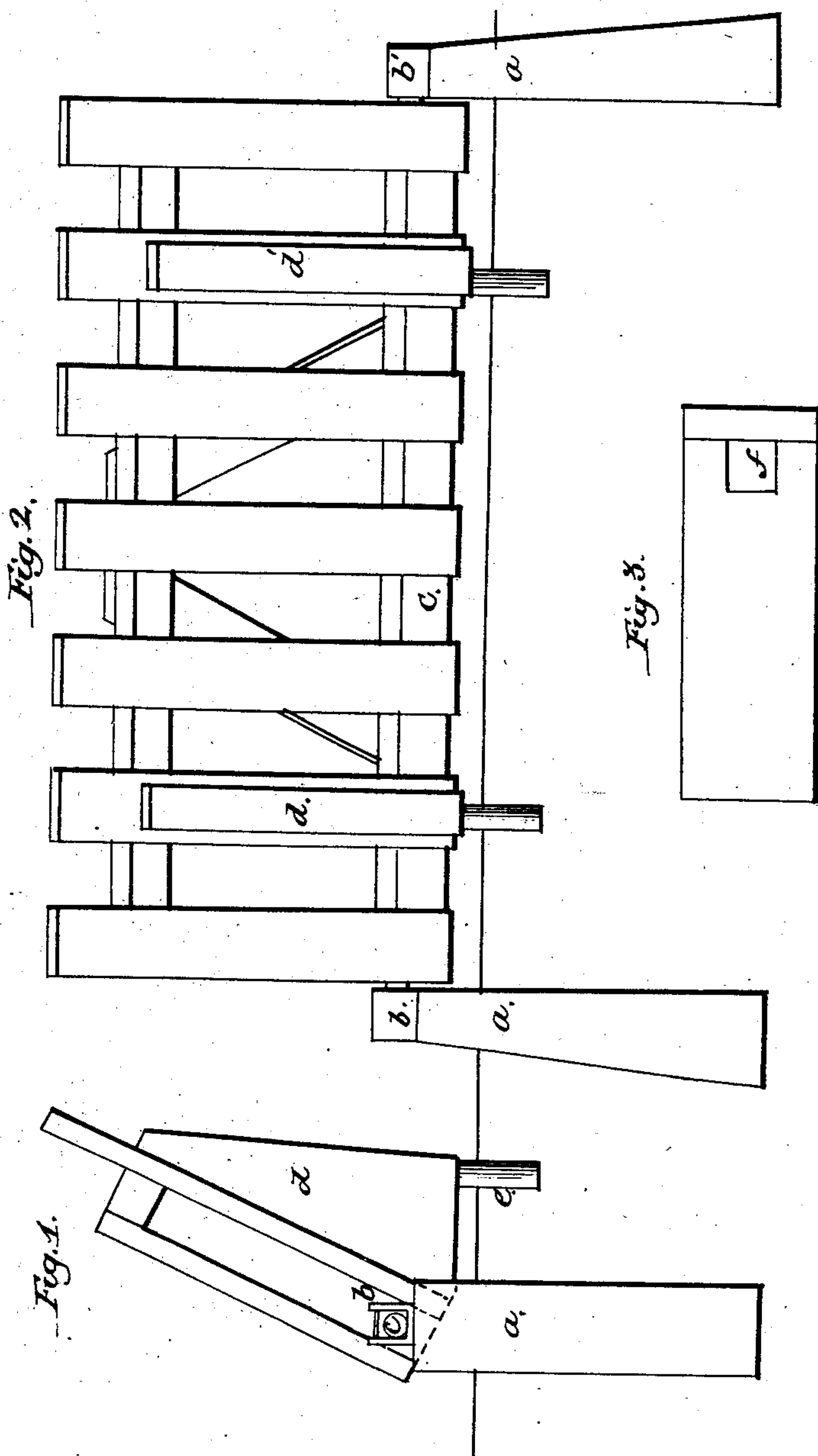


J. B. STONER.
Flood Fence.

No. 69,861.

Patented Oct. 15, 1867.



WITNESSES:

A. M. Bayliss
W. H. Allen

INVENTOR;

John B. Stoner

United States Patent Office.

JOHN B. STONER, OF LACON, ILLINOIS.

Letters Patent No. 69,861, dated October 15, 1867; antedated September 27, 1867.

IMPROVEMENT IN PORTABLE 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, JOHN B. STONER, of the town of Lacon, in the county of Marshall, and State of Illinois, have invented a new and useful Improvement in Portable Flood-Fences; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is an end view,

Figure 2 a perspective view, and

Figure 3 the device of a post, with square journal-box cut therein.

a a' represent posts fixed in the ground, with square tops, having thereon, securely fixed by means of screws or spikes, the square cast journal-boxes *b b'*, in which rest the ends of the bottom cross-rail *c*, made round. *d d'* represent solid triangular-shaped blocks, attached to the upright sections and cross-rails of the fence, and resting on pins or posts driven in the ground at *e e'*. *f* represents the device of a square journal-rest, made in the top of the post, with cap affixed.

The object of the improvement is to afford a cheap and durable portable flood-fence for sections of country liable to overflow, which can be removed at the option of any person, by means of taking off the slides or caps of the boxes on the posts, and which adapts itself to the pressure of the water by turning upon its bearings.

The object in having the journal-box made in the form of a hollow square, as shown in *b b'* and *f*, and the ends of the bottom rail resting thereon made round, is that by these opposites of construction the dampness, which naturally accumulates in the points of bearing, is absorbed by the action of the atmosphere circulating freely in the interstices between the rest and the journal, and hence the decay of the wood is retarded at that point, and the durability of the fence materially effected.

The body of the fence inclines in the direction of the triangular blocks *d d'*, which are made solid for the purpose of increasing the weight of the fence in that direction and giving no obstruction to the passage of drift, which might be occasioned by those otherwise constructed. The inclination of the fence is obtained by making these blocks obtuse in the angle touching the pins upon which they rest.

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

I claim the post *a*, box *b*, rail *c*, blocks *d d'*, and pins *e e'*, arranged, combined, constructed, and operating substantially as described.

JOHN B. STONER.

Witnesses:

A. G. HEYHNUN,

H. A. HOLDEN.