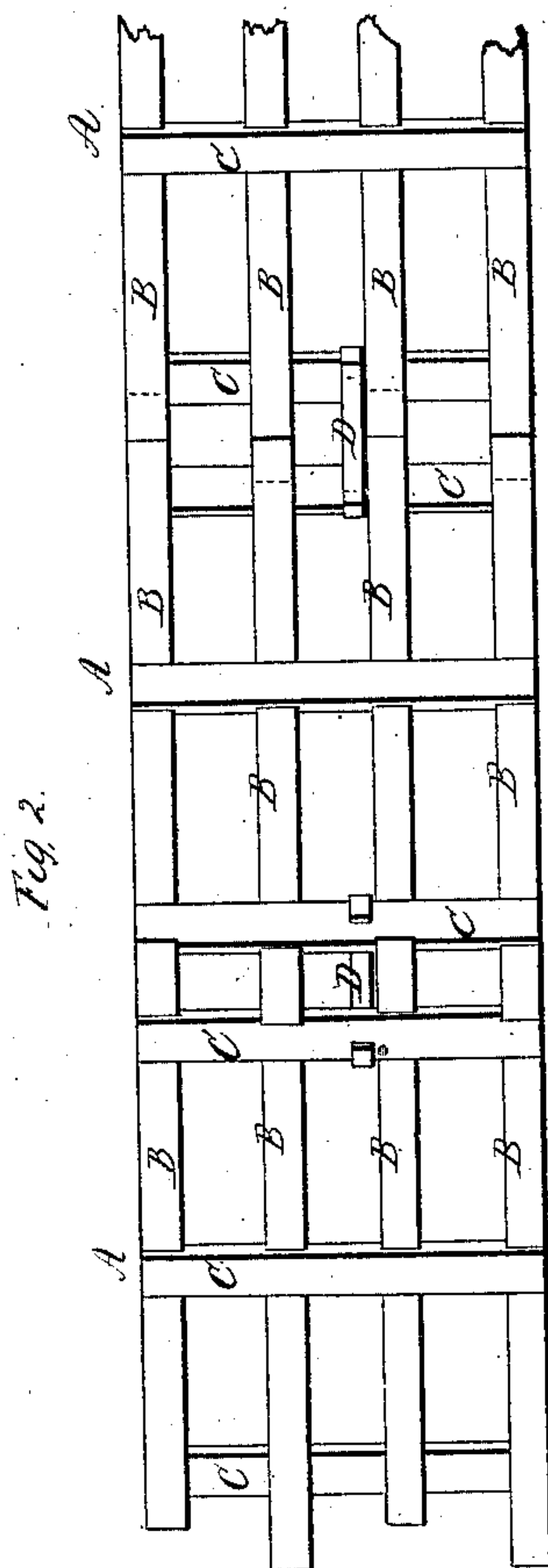
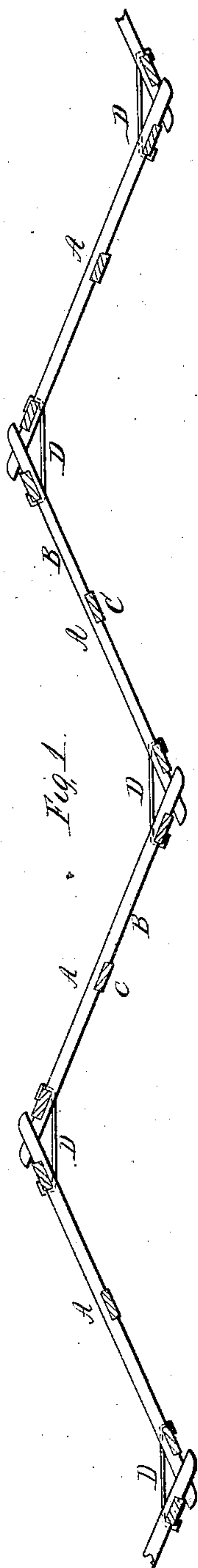


W. B. Burnett, Portable Fence,

No 16,265.

Patented Dec. 23, 1856.



UNITED STATES PATENT OFFICE.

W. B. BURNETT, OF LYONS, NEW YORK.

PORTABLE FIELD-FENCE.

Specification of Letters Patent No. 16,265, dated December 23, 1856.

To all whom it may concern:

Be it known that I, WILLIAM B. BURNETT, of Lyons, in Wayne county, and State of New York, have invented a new and useful
5 Improved Portable Fence; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, through letters of reference marked there-
10 on, forming part of this specification, and in which—

Figure 1, represents a plan of the fence as set up. Fig. 2, is an elevation of the same.

The same letters of reference occurring in
15 each figure, indicate corresponding parts.

In the construction of portable fences, it is desirable to dispense with all unnecessary lumber ordinarily used for footing and bracing them, as this is found to be fully as
20 cumbersome and weighty as the other part of the fence, and consequently takes double the amount of time and labor necessary to remove it from place to place; it is also a consideration to dispense with all slots and
25 mortises, which weaken the fence and form lodgments for water, which soon decay it at such parts.

To produce a fence that is free from all these objections, and that can be loaded on a
30 wagon or other vehicle in the most compact manner, and in the smallest possible space for hauling from place to place, and be set up or taken down as rapidly as it can be unloaded or loaded, and at the same time be
35 equally strong and more durable, constitutes the object and nature of my invention.

To enable others to make and use my improved portable fence, I will proceed to describe its construction and arrangement.

40 By referring to the drawing, I construct a series of trays (A) composed of four or more rails (B) with two or more uprights (C), so put together that they will lie compact and flat upon each other for the purpose of hauling, or storing away for preser-
45 vation when not in use; the rails (B) are all of uniform length, and arranged so as to project alternately at either end of the tray, that is to say, the first and third projecting
50 about five or six inches more or less at one

end, and the second and fourth projecting the same distance at the other end, so that when set up in the manner of a worm fence, (the ends of each tray coming in con-
55 tact,) the short ends of the rails of one tray will abut diagonally against the long ends of the rails of the other, and thus support each other in a vertical position; they are then secured together endwise by a clamp
60 (D), which catches the end uprights of the two trays, across the innerside of the angle formed by them, and between the two middle rails. In setting up this fence, two
65 trays are set together forming an acute angle, so that the hooked ends of the clamp will pass around the uprights, when the trays are to be straightened out, until the clamp binds them firmly together, forming
70 an obtuse angle, which may be more or less, to give a greater or less degree of strength as required, and which may be regulated by the length of the clamp used, or the distance the uprights are placed from the ends of the rails. The short ends of the rails may also
75 be beveled off so as to cause them to fit solid against the long ends of the rails of the next tray, at the angle at which it is desired to arrange the worm. When a number of
80 these trays are thus put together in a zigzag line, they form a very strong fence, binding each other from end to end, and may be set up on the natural surface of the ground without the necessity of any post holes, cross
85 sills, or braces from the ground, and may be set up or taken down with great ease and rapidity.

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

Constructing the panels of a portable
90 fence with alternately abutting rails, in combination with the binding clamp (D,) in the manner substantially as herein described.

In testimony whereof, I hereunto subscribe my name this 18th day of October, 95
A. D. 1856.

WM. B. BURNETT.

Witnesses:

W. VAN MARTER,
CHAS. L. LYON.