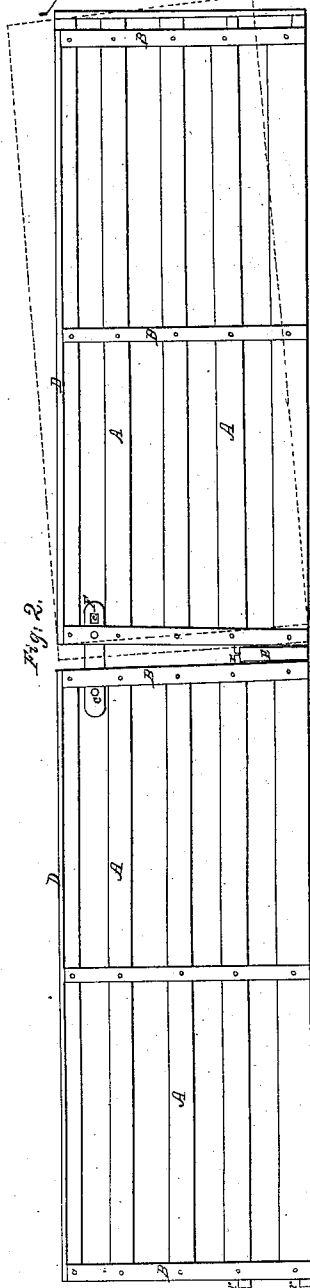
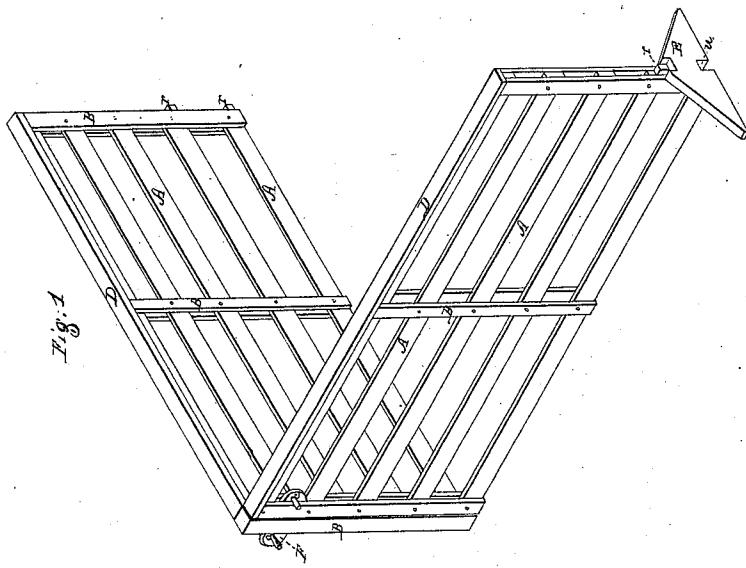


S. G. Tufts,
Portable Fence,

N^o 14,581.

Patented Apr. 1, 1856.



UNITED STATES PATENT OFFICE.

S. G. TUFTS, OF MAINEVILLE, OHIO.

FIELD-FENCE.

Specification of Letters Patent No. 14,581, dated April 1, 1856.

To all whom it may concern:

Be it known that I, S. G. TUFTS, of Maineville, county of Warren, and State of Ohio, have invented certain new and useful Improvements in Portable Fences, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a view in perspective showing the manner of forming a corner or right angle, and Fig. 2 is a side elevation of two sections, showing in red lines the position of one section while inserting the connection at the top, the chair at the base being in position.

The same letters indicate the same parts in all the figures.

The nature of my invention consists in the mode of constructing portable fences in separate and distinct sections, supporting and connecting said sections at the base, by chairs placed at right angles thereto, and securing their upper corners by links and bolts.

To enable others skilled in the art to make and use my improved portable fence, I will proceed to a description of the same in detail.

A in the accompanying drawing represents the rails which are like those in similar fences in common use. To support these rails, battens (B) are secured to either side by bolts or nails in the usual manner. Upon the top or upper rail, and extending the entire length of each section, is placed the cap (D) in the usual manner, for the purpose of protecting the battens and rails, strengthening the fence and forming a finish.

E, represents chairs which are placed at right angles between the sections forming a firm support as seen in the annexed drawings.

The ends of the two lowermost rails extend somewhat beyond the battens forming tenons (*r*) which enter mortises (*u*) in the chairs (E). To secure or connect the upper corners of the sections, a link or board (F) is passed between the battens (B) and wedges (*c*) inserted in corresponding openings formed in the link (F) which are drawn against the inner edges of the battens which makes a firm, substantial connection. In order to insert the wedges (*c*) in the coupling bar (F) so that they shall bear firmly against the inner edges of the battens (B), when the sections shall be brought to a level, I make these sections somewhat shorter at the top than at the base as seen in Fig. 2, which forms a wedge shaped space. By thus making the sections shorter at the top than at the base, this space somewhat wider at the upper corners, is for the purpose of elevating one end of the section while inserting the second wedge, one being in position, so that, when the section is lowered to a level the battens bear firmly against said wedges.

The lines in red, show the position of a section while the wedge (*c*) is being inserted, see Fig. 2.

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

Constructing fences in separate and distinct sections, connecting the same by adjustable links and wedges at their upper corners, and supporting said sections by chairs placed between and at right angles thereto substantially as herein described.

S. G. TUFTS.

Witnesses:

S. W. Wood,
CLEMENT S. STUTE.