(No Model.)

W. A. NEAL.

PORTABLE FENCE.

No. 488,632. Patented Dec. 27, 1892.

Fig. 1.

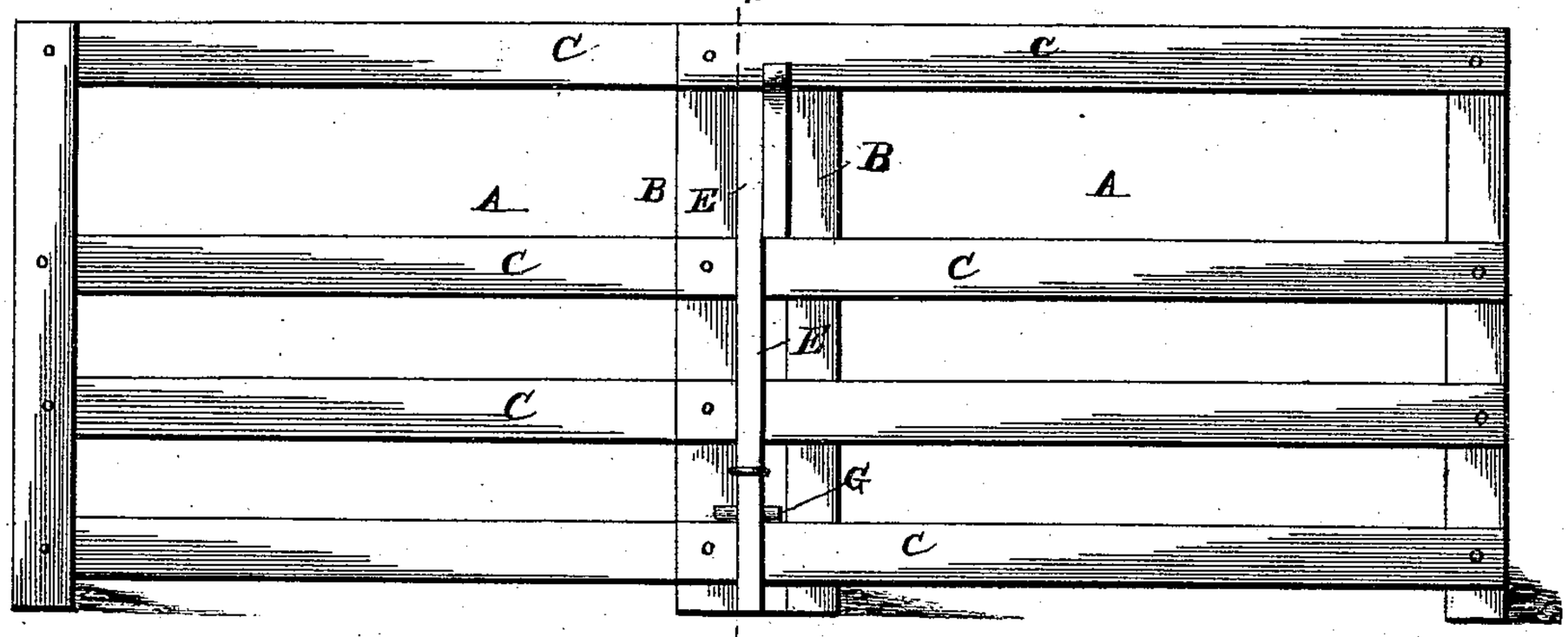


Fig. 2.

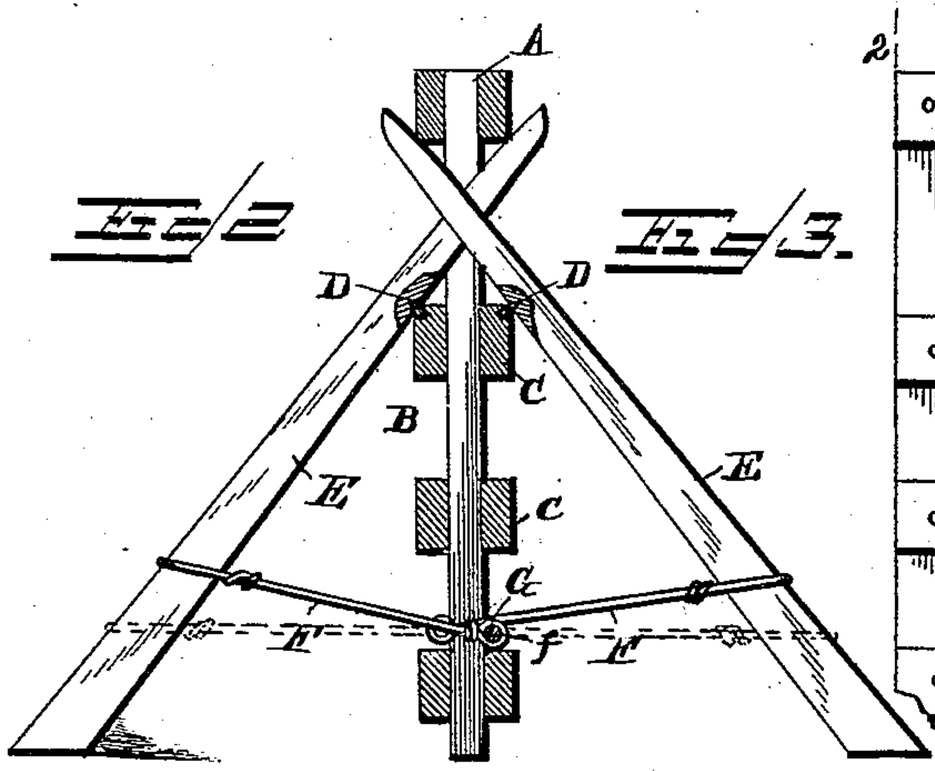


Fig. 3.

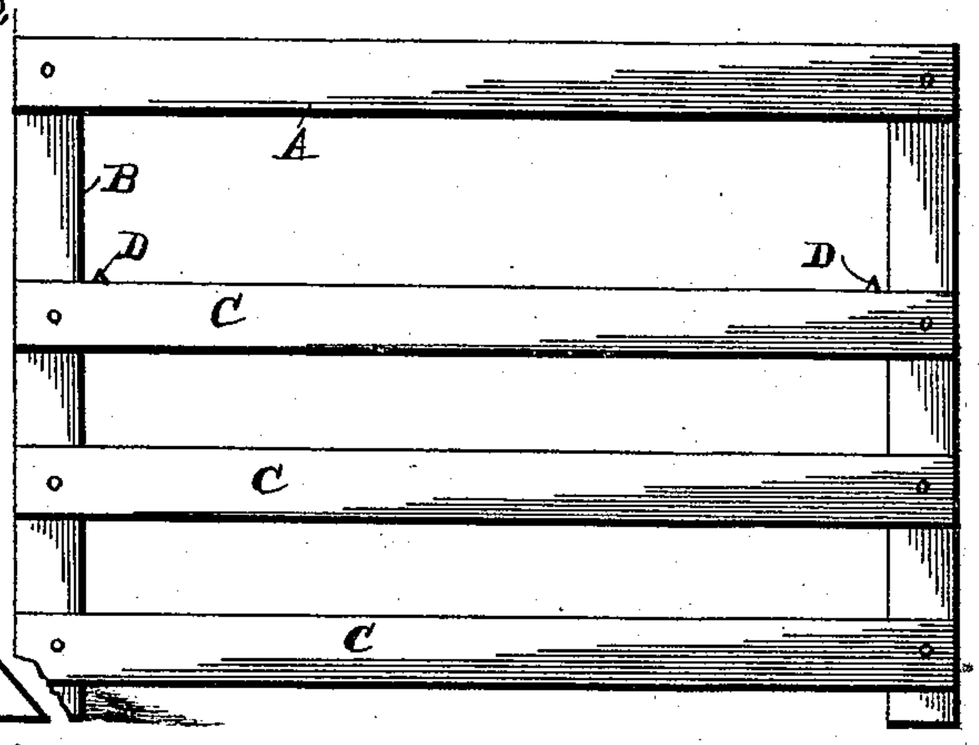
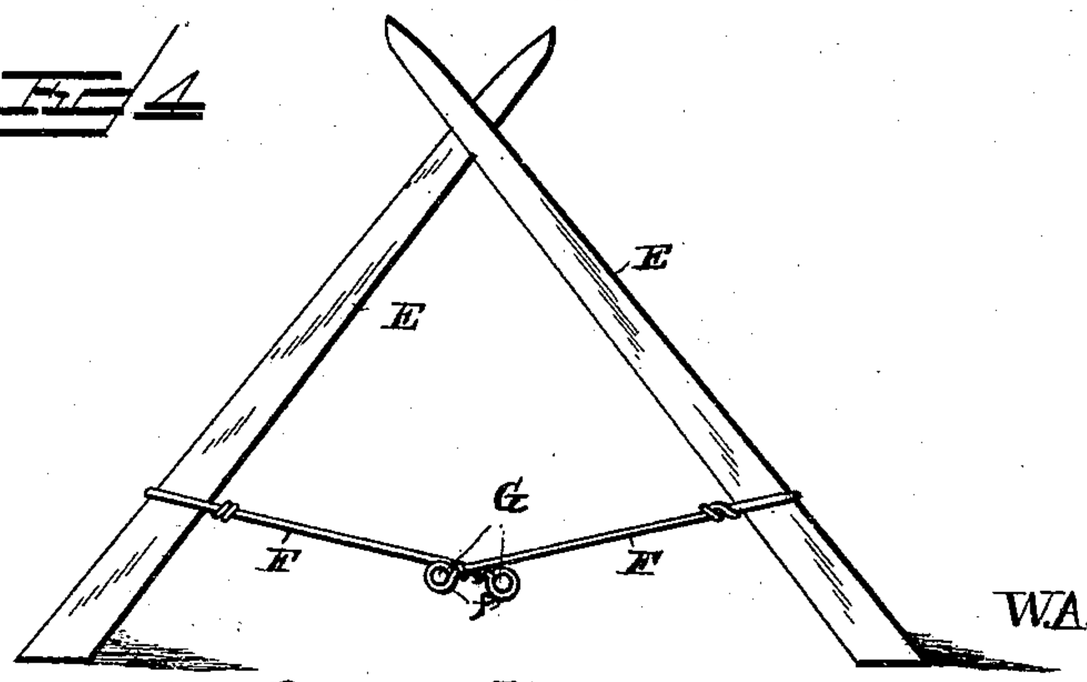


Fig. 4.



Witnesses
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D. P. Wolhaupter.

Inventor
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By his Attorneys,
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UNITED STATES PATENT OFFICE.

WILLIAM A. NEAL, OF BUNGER'S, WEST VIRGINIA.

PORTABLE FENCE.

SPECIFICATION forming part of Letters Patent No. 488,632, dated December 27, 1892.

Application filed August 17, 1892. Serial No. 443,346. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM A. NEAL, a citizen of the United States, residing at Bunger's, in the county of Greenbrier and State of West Virginia, have invented a new and useful Portable Fence, of which the following is a specification.

This invention relates to fences; and it has for its object to provide an improved portable fence which can be readily set up and taken down, but one which is so braced when set up as to be proof against being knocked down by stock or the weather.

To this end the invention primarily contemplates an improved fence lock and support, whereby the same can be set up quickly and securely.

With these and many other objects in view which will readily appear as the nature of the invention is better understood, the same consists in the novel construction, combination and arrangement of parts hereinafter more fully described, illustrated and claimed.

In the accompanying drawings:—Figure 1 is a front elevation of a section of a fence constructed in accordance with this invention. Fig. 2 is a vertical sectional view on the line 2—2 of Fig. 1. Fig. 3 is a detail elevation of one of the fence panels. Fig. 4 is a detail elevation showing the set up position of the crossed braces.

Referring to the accompanying drawings;—A represents the fence panels which when set up and locked together form an unbroken line of fence which can be readily taken down and moved from place to place. Each panel comprises the vertical end posts B, and the horizontal rails C, secured at their ends to said posts, the lowermost rails of the panels being dispensed with if desired and wires substituted therefor if so desired. The two upper horizontal rails of each panel are spaced from each other more than the lower rails in order to accommodate the locking devices, and the second rails of each panel or at least the rail below the top rail is provided with the pointed projecting securing pins D near each end thereof, and off-standing therefrom, so as to engage the inner binding edges of the crossed or diagonal locking braces E, when the same are in their locked position holding the panels of the fence together. In setting up the fence the panels present alternate faces and have their ends overlapped to leave a space between the posts of such overlapped ends for the reception of the braces E. After the ends of the panels have been overlapped, and it may be stated here that the same can be overlapped much or little and thus render the fence adjustable, the upper ends of the braces E are passed between the two upper rails of the overlapped panels and the vertical posts thereof. After placing the braces in this position, crossing each other under the upper rails of the overlapped panels to form a clamping and supporting crotch, the same are adjusted up and down according to the level of the ground and are then forced down upon the projecting securing pins D, which project from the second rails, until their lower ends touch the ground thereby securely binding the overlapped panels together and firmly bracing the fence.

The braces E are held in their locked position by means of the short locking wires F loosely connected at their outer ends so as to be free to move upon the braces, and terminating at their inner ends in the eyes or loops *f*. After the lower ends of the braces have been forced to the ground, the wires F, connected to the same, are passed between and beyond the overlapped end posts and the loops *f* thereof receive the locking pins G which are arranged on opposite sides of the end posts B together, after which the outer ends of said wires are slipped down the opposite braces until tight, thereby holding the braces firmly in their locked positions and the several parts of the fence tightly together.

Having thus described my invention, what I claim and desire to secure by Letters Patent is;—

1. In a portable fence, the combination of the fence panels adapted to have their ends overlapped by the ends of the adjacent panels pointed securing pins projecting outwardly from an intermediate rail of each panel near their ends, diagonal locking braces crossed between the upper rails of the overlapped ends of the fence panels and having their under binding edges engaged by the projecting pointed securing pins, and a sectional locking device connecting the lower ends of the braces, substantially as set forth.

2. In a portable fence, the combination of the fence panels adapted to have their ends overlapped by the ends of the adjacent panels, securing pins projecting from an intermediate rail of each panel near its ends, diagonal locking braces crossed between the upper rails of the overlapped ends of the fence panels and having their under sides engaged by the projecting securing pins, separate locking wires movably connected at their outer ends to each of said braces and terminating at their inner ends in eyes or loops and locking pins engaging the loops of said wires and arranged on opposite sides of the fence, substantially as set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

WILLIAM A. NEAL.

Witnesses:
J. M. McMATRER,
JAMES C. McPHERSON.