(No Model.)

J. WOLF.

PORTABLE FENCE.

No. 563,350, Patented July 7, 1896.

Fig. 1.

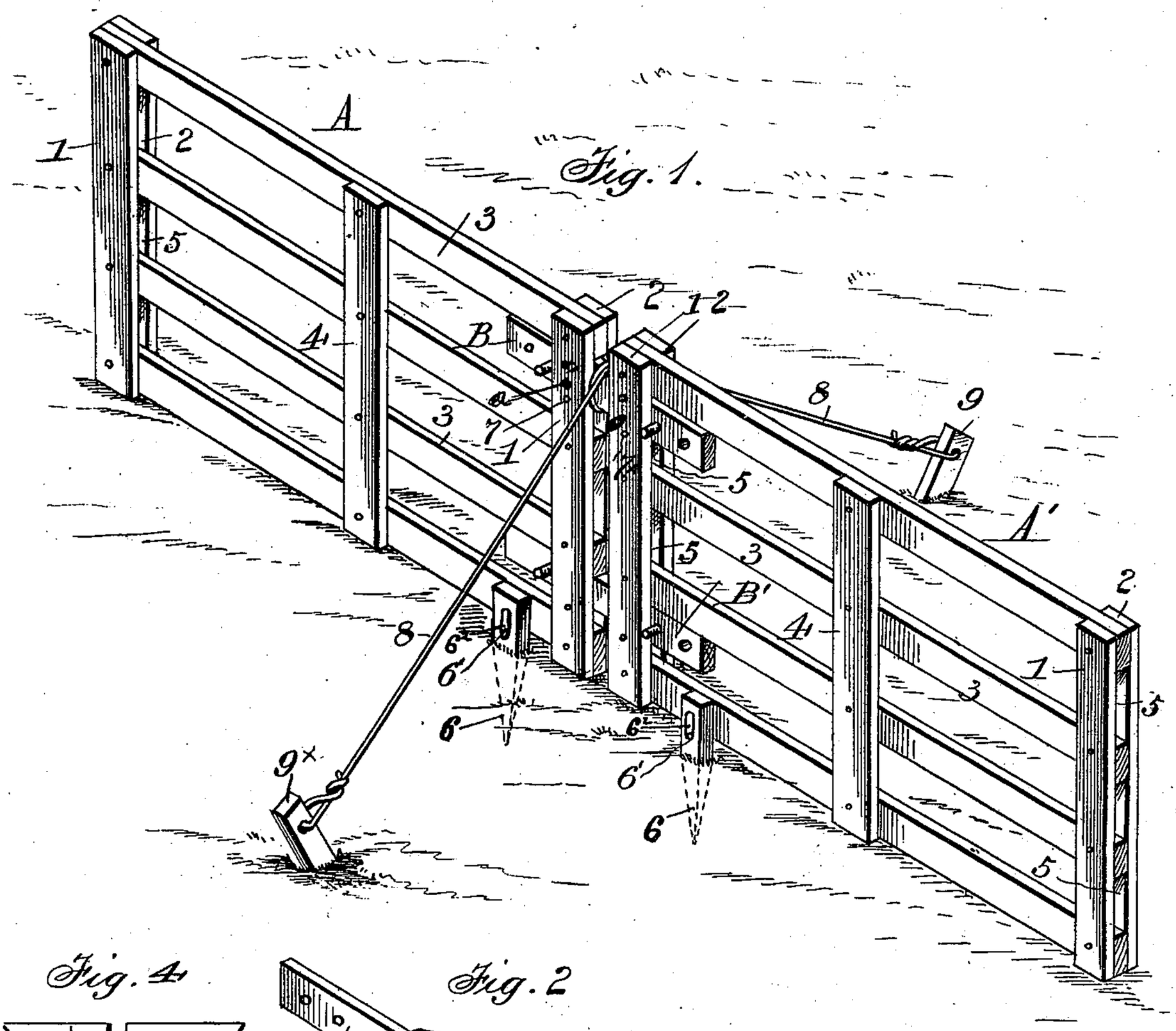


Fig. 4.

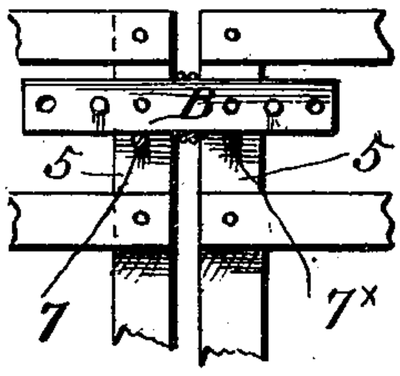


Fig. 2.

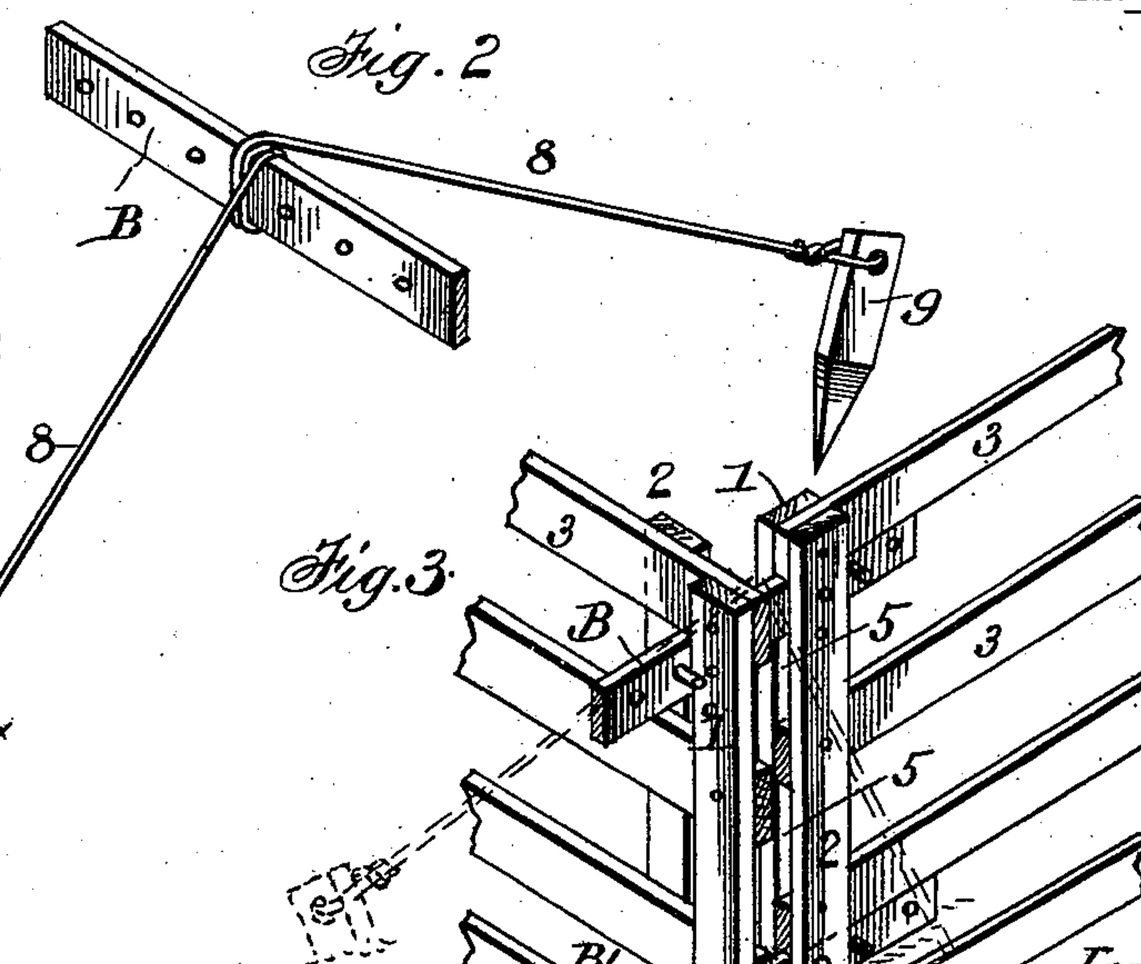
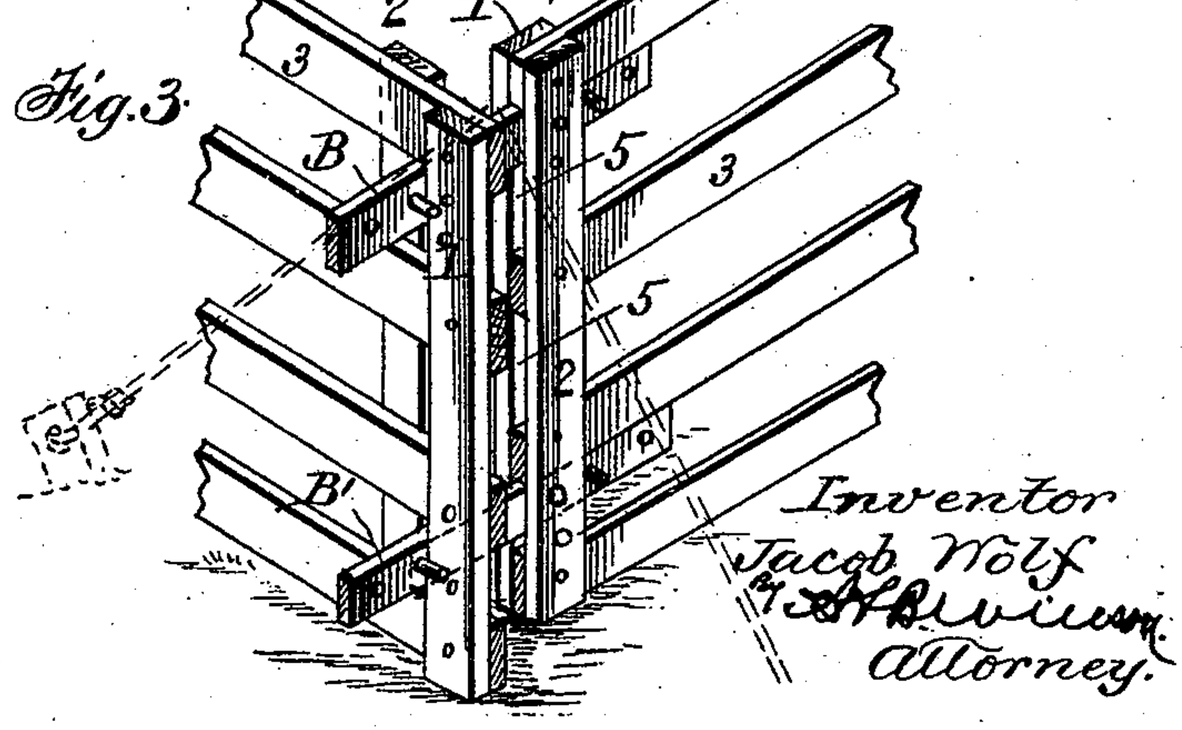


Fig. 3.



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UNITED STATES PATENT OFFICE.

JACOB WOLF, OF NEWMANSVILLE, PENNSYLVANIA.

PORTABLE FENCE.

SPECIFICATION forming part of Letters Patent No. 563,350, dated July 7, 1896.

Application filed April 20, 1896. Serial No. 588,467. (No model.)

To all whom it may concern:

Be it known that I, JACOB WOLF, a citizen of the United States, residing at Newmansville, in the county of Clarion and State of Pennsylvania, have invented certain new and useful Improvements in Portable Fences; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention has relation to improvements in portable fences, and the object is to provide a portable fence which is of simple construction, and which may be easily and conveniently set up or taken down and removed from place to place, and which will serve all the purposes and uses of a permanent or fixed fence.

I attain the purposes and objects of my invention by the constructions and arrangement of means illustrated in the accompanying drawings, forming a part of this specification, and wherein—

Figure 1 is a side view in elevation of a fence constructed according to my invention. Fig. 2 is a detail of the upper splice-bar with the brace-rods and pins connected thereto, and Fig. 3 is a detail showing the arrangement of the end bars of the panel constructed and arranged to make an angle connection.

Referring to the drawings, A A′ designate panels of fence, duplicates in construction, each composed of end bars 1 2 and horizontal rails or bars 3, strengthened at the middle by a vertical bar 4. Two end bars are attached to each end of the panel on opposite sides of the rails, so that spaces or mortises 5 are formed between the end bars in which the splice bars or pieces take, as hereinafter specified.

To assist in holding the panels in vertical position, and to secure them fixed in the ground, a pin 6 is secured to the lower rail of the panel by a bolt 6′ and its point driven into the ground. This pin 6 is provided with a vertical slot 6^2, through which said bolt 6′ passes, and in frosty weather, when the ground is liable to rise up, the bolt 6′ will slide upward in the slot, allowing the panel to adjust itself without pulling the pin out of the ground.

Transversely projected through holes *a a* in the end bars 1 2 of the panels are two bearing-pins 7 $7^{\times}$, in which the splice-bars rest, substantially as shown.

B B′ designate the splice-bars, consisting of flat pieces of suitable material made to fit loosely between the end bars of the panel, and of such length as may be desired and will be required to hold the ends of the panels in proper relation to each other when the fence is set up. Substantial bolts or pins are projected through the splice-bars adjacent to the ends thereof, and in order that the splice-bars may be adjusted and connected to the adjacent panels two or more pin-holes may be made therein, and the holding-pins inserted through them, substantially as shown; and by means of the holes *a a* in the end bars 1 2 of the panels the splice-bars B may be adjusted vertically from time to time, to take up any slack in the guy-wire 8.

To maintain and support the fence against lateral displacement, a strong guy-wire 8 is secured to the upper splice-bar, and the strands spread in opposite direction, with the ends secured in the tops of pins 9 $9^{\times}$, so that when the fence is set up and these pins are driven into the ground the fence will be held securely in vertical position. This fence may be expeditiously set up on uneven ground or on hills and inclined surfaces, as the splice-bars are so constructed and combined with the panels that the fence may be accommodated to all kinds of surfaces usually encountered where fences are required.

To set the panels at right angles to each other, one of the inside end bars is set in on the panel so as to form spaces between the edges to let the splice-bars pass through, or an additional bar may be secured in the position named where the panel is completed with two alining end bars. To assemble or erect the fence, a panel is set in position and then the pin is driven down and secured to the lower rail. The next panel is then set adjacent and the splice-bars arranged, and the pins fixed therein, and then the pins at the ends of the wire strands are driven into the ground to hold the fence vertical.

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

A portable fence, comprising two adjacent

panels having end bars secured to the ends of the panels, with spaces between them, and provided with adjusting-holes *a a* and bearing-pins 7, 7× projected transversely through upper and lower spaces of the end bars, splice-bars arranged in said spaces and bearing on the said bearing-pins, pins projected through the said splice-bars and bearing against the inner faces of the end bars of the panels, a wire wrapped around the upper splice-bar and the strands thereof extending downward and outward, fastening-pins on the ends of the wires, and pins adapted to be driven in the ground and secured to the lower rails of the panels.

In testimony whereof I hereunto affix my signature in presence of two witnesses.

JACOB WOLF.

Witnesses:
S. K. CLARKE,
WILL L. WERTZ.