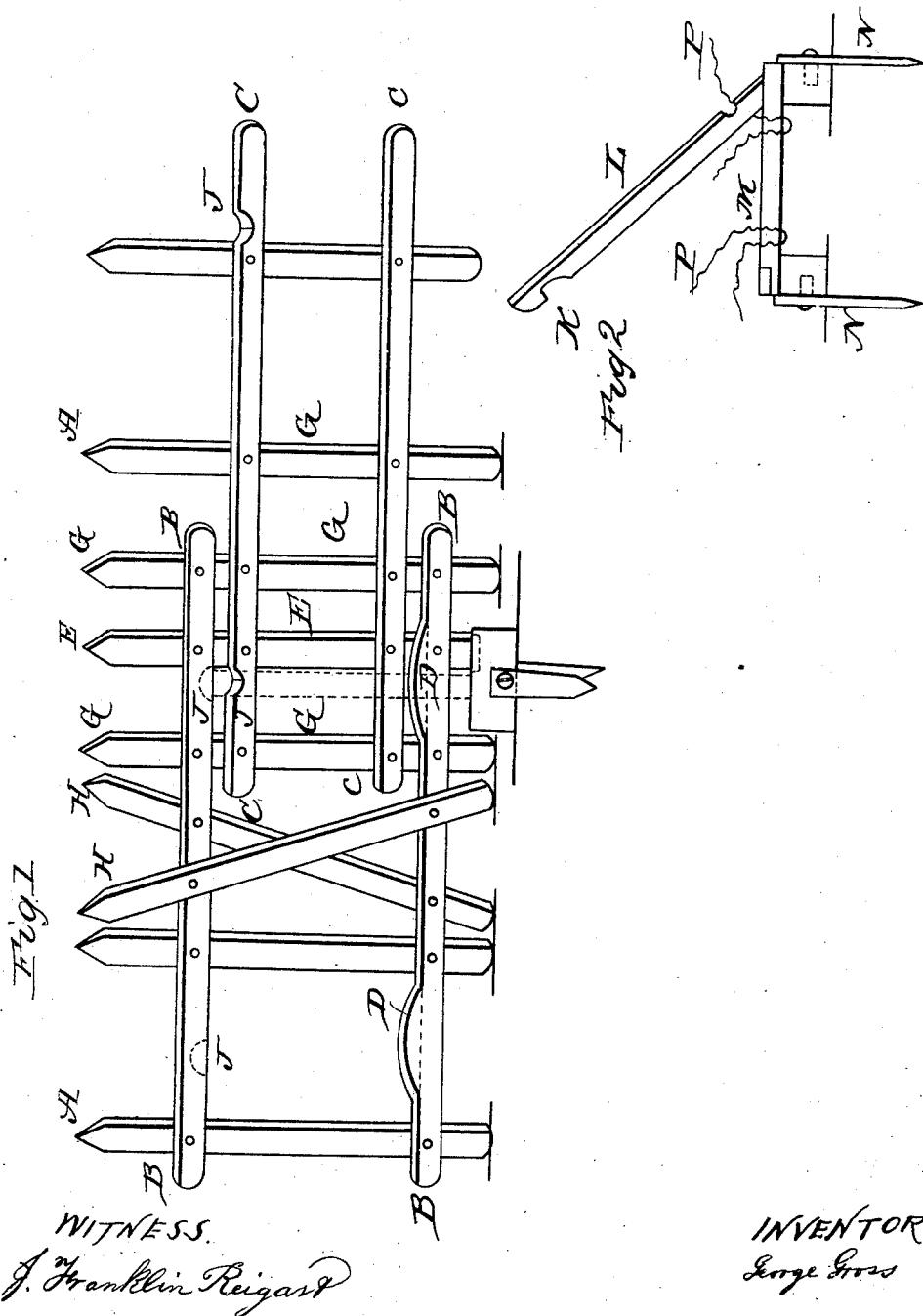


G. GROSS.

Portable Picket Fence.

No. 45,490.

Patented Dec. 20, 1864.



WITNESS.

J. Franklin Reigard

INVENTOR
George Gross

UNITED STATES PATENT OFFICE.

GEORGE GROSS, OF BUFFALO, NEW YORK.

PORABLE PICKET-FENCE.

Specification forming part of Letters Patent No. 45,490, dated December 20, 1864.

To all whom it may concern:

Be it known that I, GEORGE GROSS, of Buffalo, Erie county, and State of New York, have invented new and useful Improvements in Portable and Adjustable Picket-Fences; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the mode of locking the panels and adjusting them to the unevenness of the ground, also their combination with the devices for bracing and supporting the fence.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction, as follows:

Figure 1 represents a view of two panels of the picket fence locked together. Fig.2 represents a view of the side brace and ground-pins.

A represents the pickets; B B, the rails of one panel, and C C the rails of the other panel. The lower rail, B, has an incline-shaped block, D, nailed or screwed permanently to it, upon which the lower side of the lower rail, C, rests, and upon which this rail can be lowered or raised, so that the rails C C and their whole length of panel can be easily lowered or raised and adjusted to conform to the level or unevenness of the ground, the rail C' moving up and down on the top of the incline block D. When the panels are to be joined together, I insert the one end of rails C with their end picket, E, in the space between the two pickets G G of the next panel. The picket E rests and braces against the flat sides of the rails B, (on their front side,) and the ends of rails C C rest and brace against or slide upon the opposite or back sides of the two pickets, G G, and are thus strongly locked, while the pickets are all properly erect and

even on the front side of the fence, and can be closely and regularly attached to the rails, suitable for a close garden-fence or as a neat fence in front of a house.

For a field-fence or an inclosure for cattle, where fewer pickets will answer the purpose, I brace the rails B and C by fastening two pickets, H H, one on each side of the rail, diagonally across each other, for the purpose of bracing, strengthening, and supporting the rails firmly at their centers.

The upper rail, C, has two notches, J, on its upper side near the ends, and the upper rail, B, has two corresponding notches on its under side, into which the notch K of the side brace, L, is fitted, and acts as a lock and brace to the rails. The lower end of this brace L rests upon the one end of the block M, and the lower end of picket E also rests in a mortise or notch in the other end of the block M, and at both ends of block M wooden pins N are driven into the ground, and the tops of the pins are then screwed or nailed onto the ends of block M. Wires P are run through two holes near the ends of the block M. One wire is fastened around or through the lower end of brace L, and the other wire, P, is fastened around or through the rail B, and both wires are then fastened to the screws or nail-heads that fasten the ground-pins N to the block M, thus permanently bracing and supporting the upright position of the fence.

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

The arrangement and combination of the devices for locking, adjusting, bracing, and supporting the portable picket-fence, as herein described.

GEORGE GROSS.

Witnesses:

J. FRANKLIN REIGART,
JOHN S. HOLLINGSHEAD.