

(No Model.)

T. R. GREENE.  
FENCE.

No. 603,901.

Patented May 10, 1898.

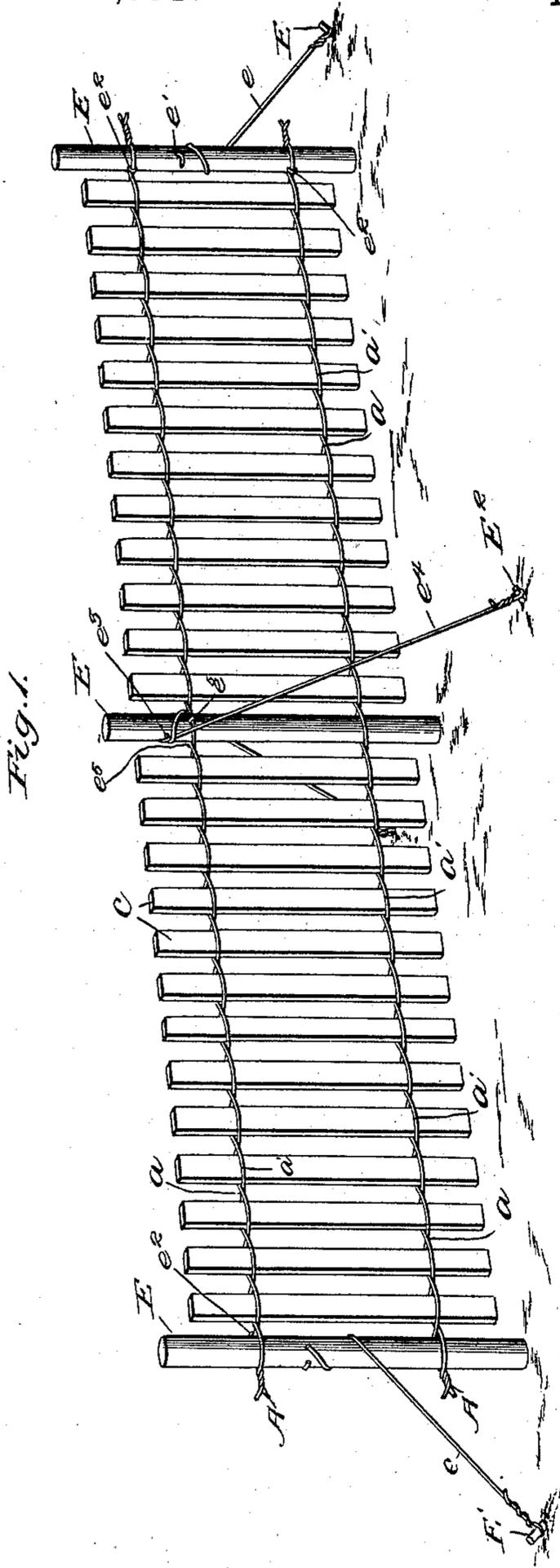


Fig. 1.

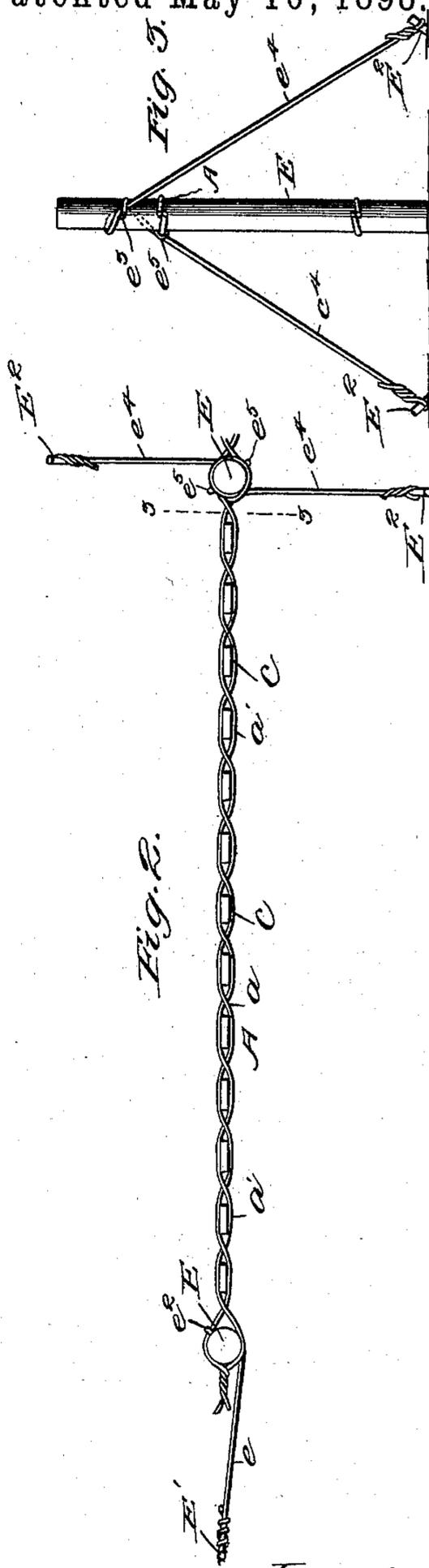


Fig. 2.

Witnesses  
H. J. Koerth.  
W. B. Corwin

Inventor  
Thomas R. Greene.  
by Giles Moore,  
his Attorney.

# UNITED STATES PATENT OFFICE.

THOMAS R. GREENE, OF MILBURN, KENTUCKY.

## FENCE.

SPECIFICATION forming part of Letters Patent No. 603,901, dated May 10, 1898.

Application filed January 24, 1898. Serial No. 667,682. (No model.)

To all whom it may concern:

Be it known that I, THOMAS R. GREENE, a citizen of the United States, residing at Milburn, in the county of Carlisle, State of Kentucky, have invented certain new and useful Improvements in Fences, of which the following is a description, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

My invention relates to improvements in fences, my objects being, first, to provide a structure in which it is unnecessary to employ posts sunken into the ground; secondly, to provide a structure in which the fence is firmly braced by very simple means; thirdly, to provide a structure of wire fence or the like in which the wire or similar material is readily stretched or tightened, and, fourthly, to improve generally upon devices of the character indicated.

To these ends the invention consists in the various matters hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of a short fence constructed in accordance with the present invention. Fig. 2 is a top plan view; and Fig. 3 is a transverse elevation on the line 3 3, Fig. 2.

Referring now more particularly to the drawings, A represents what may be termed "line-supports," of the usual construction—*i. e.*, each line-support being composed of wires *a*, bent inwardly and outwardly to form the loops or openings *a'* for supporting the pickets C and the master-pickets E. These master-pickets do not enter the ground, but are held in appropriate loops *a'*.

The end master-pickets have a guy wire or rope *e* suitably secured thereto in about the vertical center of said pickets, the guy-cables being here shown as passing through openings *e'* in the pickets. Suitable anchors *E'* are provided in substantially the longitudinal line of the fence, and to these are attached the free ends of the cables. It will now be apparent that by turning the end master-pickets in the openings *a'* as journals the guy-cables are wound upon said pickets and the fence consequently stretched. When the fence has been drawn as taut as may be desired, the master-pickets are secured

against rotation in the reverse direction, and, as here shown, this is accomplished by driving staples *e<sup>2</sup>* into the master-pickets over the line-wires, the said staples resting against the line-wires on their sides opposite the direction of the strain upon the pickets by the cables. Should the fence become slack, it is only necessary to withdraw the staples, turn the end master-pickets (or one of them) sufficiently, and then reinsert the staples.

For laterally bracing the fence the same general structure is provided—that is to say, the intermediate master-pickets have openings *e<sup>3</sup>* through them, and through these openings are threaded cables *e<sup>4</sup>*, the ends of said guy-cables being secured to suitable anchors *E<sup>2</sup>* at the sides of the fence. Turning of the master-pickets serves to wind and tighten the guy-cables, and when thus tightened the master-pickets are secured against rotation in reverse direction by staples *e<sup>5</sup>*, applied as are the staples *e<sup>2</sup>*, hereinbefore described.

There is thus provided a fence which employs in its construction no posts resting in the ground, and said fence can therefore be set up with but little time and trouble. Furthermore, the stretching and bracing parts are few and simple, but their operation is most efficient.

It will at once be understood that if desired the present bracing master-pickets can be employed in fences other than that illustrated, while the present stretching master-pickets can be employed in a fence in which one end is secured to a post set in the ground. Furthermore, these rotatable master-pickets could enter sockets or holes in the ground.

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

1. In a fence or the like, a line-support, a master-picket rotatable upon said support, a guy-cable secured to said master-picket, and a projection upon said master-picket directly engaging the line-support for holding the master-picket against rotation; substantially as described.

2. In a fence or the like, a line-support having an opening therein, a master-picket rotatable in said opening, a guy-cable wound upon said master-picket, and a staple in said

picket and over the line-support for holding the master-picket against rotation by the guy-cable; substantially as described.

3. In a fence or the like, a line-support  
5 comprising two strands having an opening between them, a master-picket rotatable in said opening, a guy-cable wound upon said master-picket, and a staple in said picket and over one of the line-strands for holding the

master-picket against rotation by the guy-cable; substantially as described.

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

THOMAS R. GREENE.

Witnesses:

A. T. HOBBS,

HARRY GREENE.