

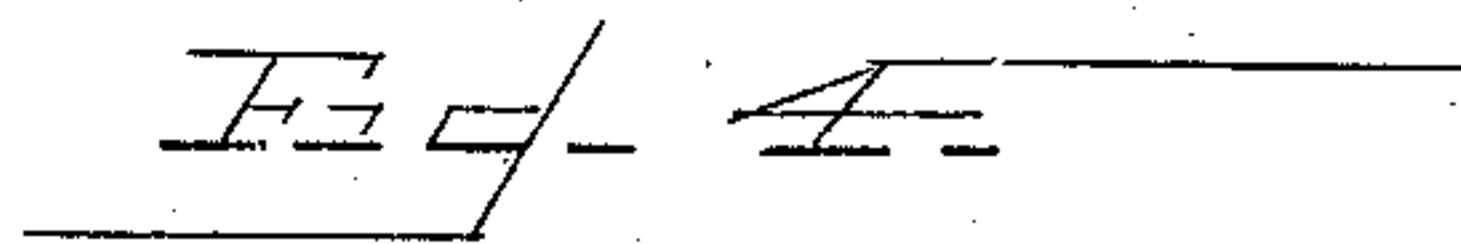
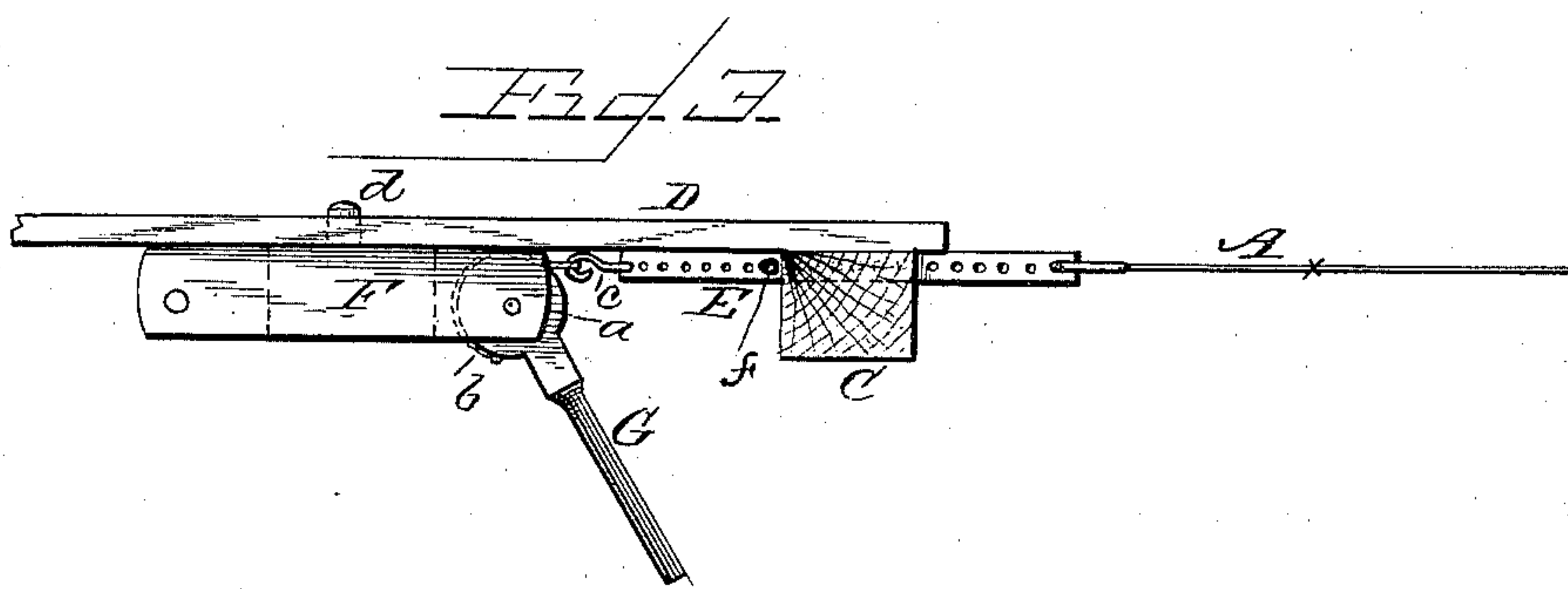
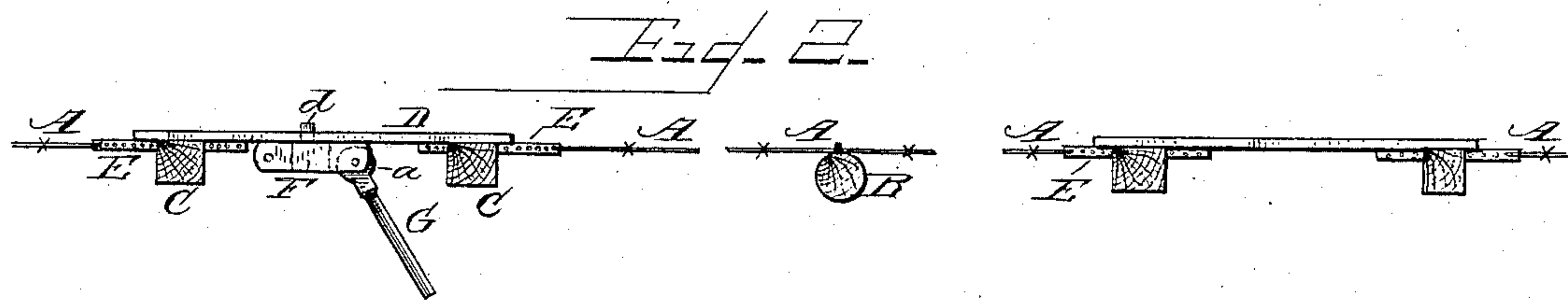
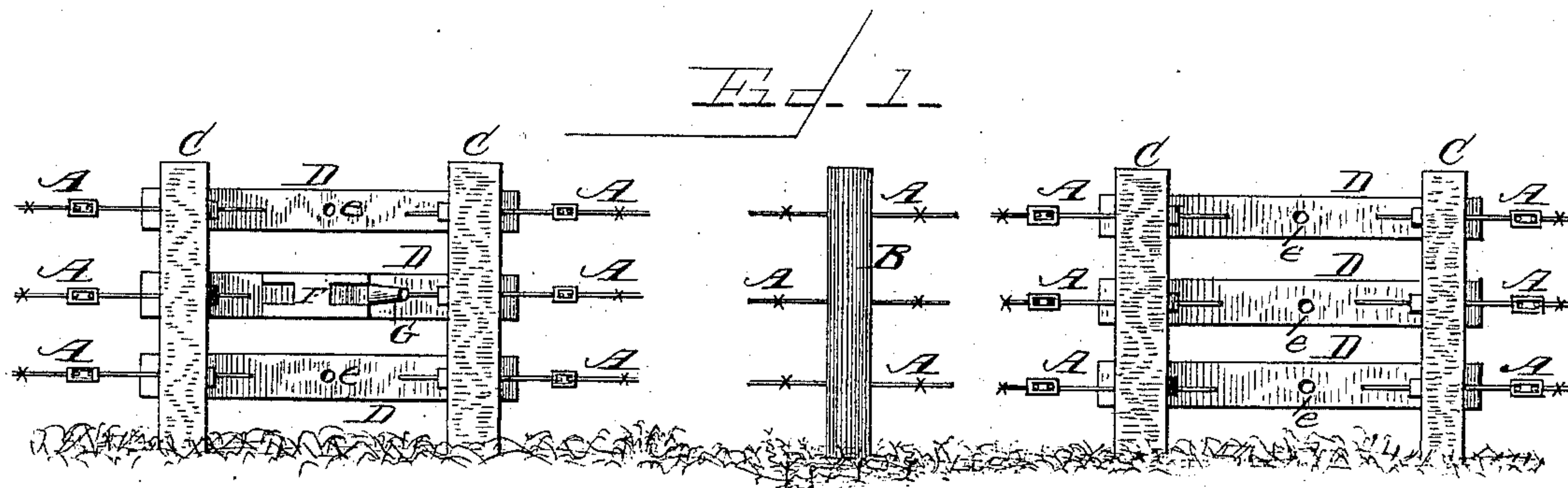
(No Model.)

T. F. VAN LUVEN.

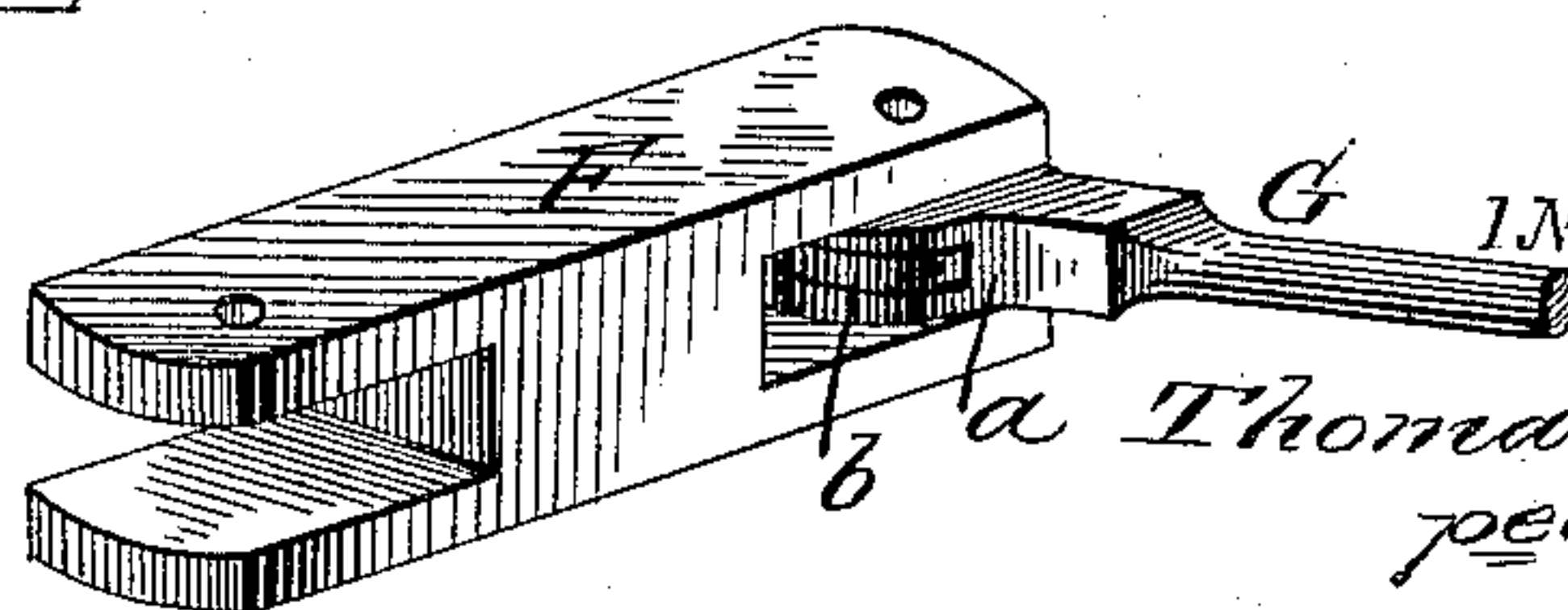
FENCE.

No. 310,624.

Patented Jan. 13, 1885.



WITNESSES
F. L. Ourand
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INVENTOR

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UNITED STATES PATENT OFFICE.

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FENCE.

SPECIFICATION forming part of Letters Patent No. 310,624, dated January 13, 1885.

Application filed September 6, 1884. (No model.) Patented in Canada July 18, 1884, No. 19,842.

To all whom it may concern:

Be it known that I, THOMAS FRASER VAN LUVEN, a citizen of the Dominion of Canada, residing at Kingston, in county of Frontenac and Province of Ontario, Canada, have invented certain new and useful Improvements in Fences, (for which I have obtained a patent in Canada, dated July 18, 1884, No. 19,842;) and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a side elevation of a fence constructed in accordance with my invention, showing the wire-straining device connected to the board rail of one of the intermediate fence-sections. Fig. 2 is a top plan view thereof. Fig. 3 is a similar view of the wire-straining device, on an enlarged scale, showing it connected to the board rail and to the fence-wire by the perforated plate; and Fig. 4 is a detail view in perspective of the straining device.

The present invention has relation to certain new and useful improvements in the construction of wire fences.

The object of the invention is to construct the fence partly of barbed wire connected to the usual posts and partly of intervening sections formed of board rails, whereby the fence will readily adapt itself to a suitable device detachably connected to one of the board rails of the intervening section by which each of the several barbed wires may be conveniently strained and tightened.

The invention therefore consists in a fence constructed substantially as shown and described and hereinafter claimed.

In the accompanying drawings, A represents the barbed wires of the fence, strung on the posts B at the usual distance apart and in sections of any desirable length, said wires being held to the posts loosely by staples, in the ordinary manner.

At the termination of the wires A are posts C, which are connected by board rails D of

any preferred length, and of number to correspond with the number of wires used, the rails being on line therewith, as shown. The ends or extremities of each wire A have suitably connected to them rectangular perforated plates E, which are seated in horizontal slits or cuts sawed in the side of the posts C and held between it and the board rails.

I have shown one of many devices that may be used with my improved fence to strain the wires, which consists of a suitable block, F, preferably bifurcated or slotted, as shown, in which is located a straining-lever, G, pivoted to said block in any convenient manner. The lever G is preferably provided with a head, a, of circular or other form, to which is attached one end of a wire, chain, or strap, b, the opposite or free end thereof having a hook, c, or other convenient means by which a connection is made between the strap b and the perforated plate E. The block F is so constructed as to admit of its ready attachment to any one of the board rails D, and also of its removal when the fence-wire has been sufficiently strained and tightened. One of the many means for attaining this end which may be employed is a pin, d, cast with the head or block F, to enter holes e in the rails.

In straining the wires of the fence the block F, with its lever G, is first connected to that one of the board rails which is on line with the wire to be strained, after which the hook c of the strap b is inserted in one of the perforations of the rectangular plate E, and by bearing on the lever the strap will wind on the rounded or circular head a and pull the perforated plate toward it, and thus tighten the wire, which is held in its tightened condition by inserting a pin or key, f, in the perforation nearest to the post.

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

The combination, with the sections of a wire fence, of intervening panels of board rails, the posts of which have horizontal slits or grooves corresponding in number to the fence-

wires, perforated plates sliding in said slits or
grooves, one being connected to the extremity
of each wire, and means, substantially as de-
scribed, for holding said plates in position
5 after the desired tension has been given to the
wires, substantially as and for the purpose set
forth.

In testimony that I claim the above I have
hereunto subscribed my name in the presence
of two witnesses.

THOMAS FRASER VAN LUVEN.

Witnesses:

F. ELKINGTON,
JOHN ASHLEY.