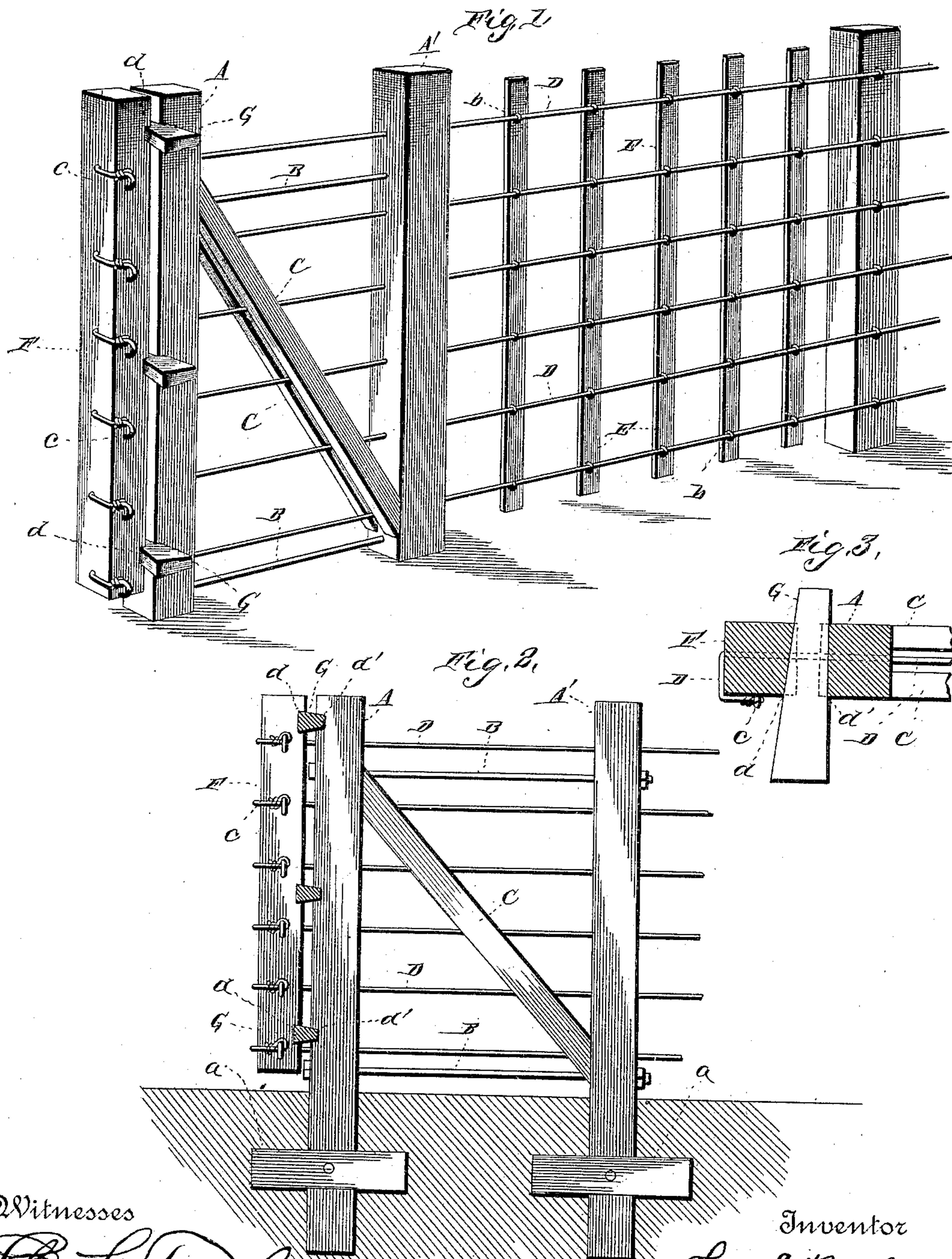


(No Model.)

T. E. BEALS.
WIRE FENCE.

No. 440,530.

Patented Nov. 11, 1890.



Witnesses

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UNITED STATES PATENT OFFICE.

THOMAS E. BEALS, OF NOBLESVILLE, INDIANA.

WIRE FENCE.

SPECIFICATION forming part of Letters Patent No. 440,530, dated November 11, 1890.

Application filed February 24, 1890. Serial No. 341,556. (No model.)

To all whom it may concern:

Be it known that I, THOMAS E. BEALS, a citizen of the United States, and a resident of Noblesville, in the county of Hamilton and State of Indiana, have invented certain new and useful Improvements in Wire 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, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a representation of the invention and is a perspective view. Fig. 2 is a vertical section, and Fig. 3 is a detail view.

This invention relates to certain improvements in fences, especially stretched-wire fences; and it consists of the novel combination and construction of parts, as will fully appear from the following description and accompanying drawings.

In carrying out my invention I employ, in connection with each corner-post A of the proposed inclosure or fence, an additional post A', arranged at a suitable interval, and anchor both posts in the ground by halving together their lower ends and pieces or anchors a a, placed or arranged crosswise of the said posts underground. These posts are connected or tied together by rods B, arranged one near their upper ends and the other a short distance from the ground, said rods being passed through said posts and held thereto by nuts engaging screw-threaded portions thereof or otherwise.

C C are two braces arranged obliquely between and secured to the posts A A', holding them firmly apart, the braces themselves being held firmly in position by the tie-rods B B.

D D are the wire stringers, which may be of any number required, with intermediate pickets E to complete the inclosure or fence, said wires passing through staples b, driven into and projecting from said pickets. Thus, while the fence or inclosure is rendered fully

visible as to its constituent parts to prevent accidental contact therewith by animals or persons, the wires or stringers are free, so as to be readily drawn upon when needing tightening.

F is a stretching-post having staples c, to which the ends of the wires at one end or corner of the fence or inclosure are secured and which is separated from the corner-post A by wedges or keys G G, any two of which may be formed from a single piece of wood and which engage dovetailed grooves d in the post F and oblong grooves d' in the corner-post A, whereby the wires are strained or stretched in position. With this arrangement it will be seen that forcing the keys or wedges farther inward in their grooves aforesaid will have the effect to move the post F away from post A, and thus tighten the wires or stringers of the fence or inclosure, and by subsequently repeating this operation, as circumstances require, the wires can at all times be kept tight. The dovetailed grooves d in the stretching-post F prevent the turning or axial movement of the keys or wedges G G as they are being forced in between said post and the corner-post A.

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

The wire fence comprising the end post, the additional post spaced apart from said end post and connected thereto by tie-rods and held in position by an oblique brace, the wire stringers passing through said end and additional posts, the stretching-posts having staples to which are connected the ends of said wire stringers, and the wedges or keys engaging coincident dovetailed grooves in said end and additional posts, substantially as set forth.

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

THOMAS E. BEALS.

Witnesses:

JOSEPH R. GRAY,
LEMUEL BEALS.