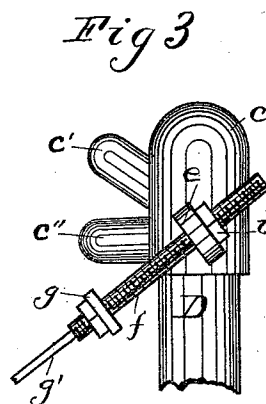
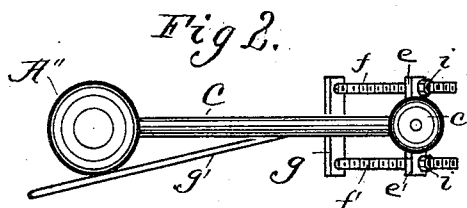
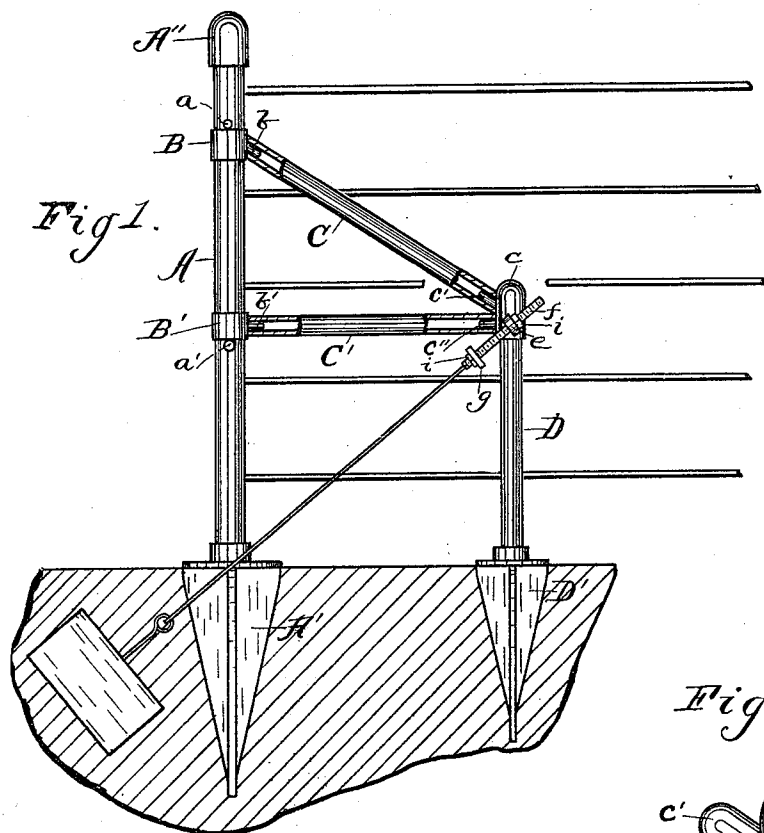


(No Model.)

G. H. BROWN.
FENCE POST.

No. 539,411.

Patented May 21, 1895.



Witnesses
Lester L. Allen
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UNITED STATES PATENT OFFICE.

GILBERT H. BROWN, OF DAYTON, OHIO.

FENCE-POST.

SPECIFICATION forming part of Letters Patent No. 539,411, dated May 21, 1895.

Application filed March 18, 1895. Serial No. 542,151. (No model.)

To all whom it may concern:

Be it known that I, GILBERT H. BROWN, of Dayton, county of Montgomery, State of Ohio, have invented a new and useful Improvement in 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.

My invention relates to new and useful improvements in fences, with special reference to means for bracing the corner posts thereof.

The object of the invention is to provide simple and substantial means for bracing said corner post, to the end that it may be always maintained in a true position under the strain of the wires.

With this aim in view, the invention consists of an anchor or brace post approximately one half the length of the corner post; means combined in one integral piece consisting of dowels, a cap, and support for the device for tightening the anchor chain. The dowels projecting from the cap on horizontal and incline planes, are adapted to form dowel joints between horizontal and incline braces between said corner and brace posts.

Referring to the annexed drawings that form a part of this application, and upon which similar letters of reference indicate corresponding parts, Figure 1 is a side elevation of a corner of a fence constructed in accordance with my invention. Fig. 2 is a top view of the same. Fig. 3 is an enlarged detached view of the dowel-cap.

"A" designates a corner post for a wire fence, of tubular form, having a ground point or base A' of the usual form and construction, and a cap A'' to prevent moisture from entering the interior.

"B" and B' designate collars that inclose the post "A," and are maintained thereon in a proper position by lugs or pins (a) (a') that project from the sides of said post. These collars have integral, and inwardly projecting dowels (b) and (b'), over which ends of inclined and horizontal tubular braces (C), and (C') fit. These braces, when connected at their lower or opposite ends, as presently

described, resist the strain brought to bear on the post "A," at two points, to-wit: the upper and central parts thereof.

(D) designates a brace or anchor post which is approximately half the length of the post "A" and has a similar ground end (D').

(c) designates a metallic cap adapted to inclose the upper end of the post (D) and prevent moisture from entering, and which has, as integral parts, dowels (c') and (c'') that project inwardly, on horizontal and inclined planes substantially as is shown in the drawings. These dowels (c') and (c'') receive ends of the braces C and C'. The cap (c) has also, projecting from its lower sides, incline slotted lugs (e) and (e') through which, screw-threaded bolts (f) and (f') project. Upon the inner or lower ends of said bolts a transverse piece (g) is attached, to which the anchor cable (g') is made secure. This frame, consisting of the bolts (f) (f') and the piece (g), is adjustable to tighten the anchor cable and the braces, by means of nuts (i) on both ends of said bolts. The strain incidental to the adjusting or tightening of the braces, is mainly upon the cap (c), while upon the corner post, it is borne at two points, to-wit: the upper and central parts.

The advantages of having the joints or connections between the corner post, anchor cable, and the brace or anchor post, at one point and upon one integral piece on the anchor post, is that a more even or regulated adjustment of the braces is obtainable, and further, the connections can be easily made by any one.

Having fully described my invention, I claim as new—

1. In a fence, the combination with a corner post provided with collars at its upper and intermediate parts, dowels projecting from said collars, of a brace post approximately half the length of said corner post, a cap, dowels projecting in horizontal and incline planes from said cap and being integral parts thereof, and a horizontal and an incline brace joining said dowels and the dowels on the corner post; substantially as described.

2. In a fence, the combination with a corner post provided with dowels on its upper and intermediate parts, and an anchor or brace post, of a cap adapted to cover the upper end

of said brace post, dowels on said cap projecting on a horizontal and an incline plane, an incline and a horizontal brace inclosing said dowels, lugs projecting from the opposite sides of said cap and having inclined slots therein, an adjustable frame for tightening the anchor cable, mounted in said slots, substantially as described.

3. The combination with the corner post having dowels on its upper and intermediate parts, of a brace post D, a cap (c) provided with dowels (c') and (c'') projecting on horizontal and incline planes, slotted lugs (e) and

(e') projecting laterally from opposite sides of said cap and bolts (f) and (f') adapted to be supported in said lugs, a transverse piece (g) attached to said bolts to which the anchor cable is attachable and means for adjusting said bolts, as herein specified.

In testimony whereof I have hereunto set my hand this 11th day of March, 1895.

GILBERT H. BROWN.

Witnesses:

J. B. WHEELER,
R. J. MCCARTY.