

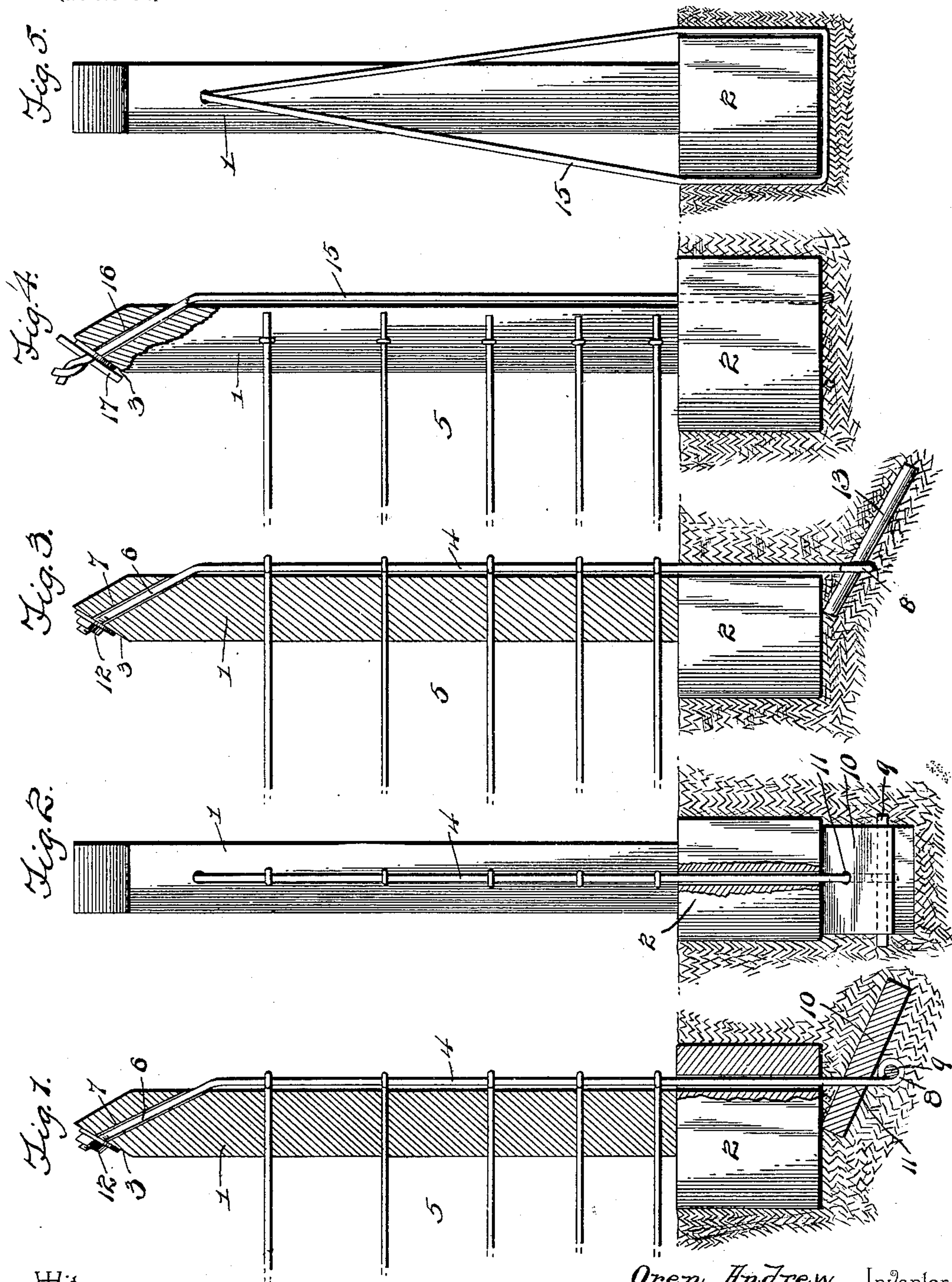
No. 633,062.

Patented Sept. 12, 1899.

O. ANDREW.
FENCE POST.

(Application filed Jan. 25, 1899)

(No Model.)



Witnesses

A. Shepard

A. Shepard

By *his* Attorneys,

Oren Andrew Inventor

C. A. Snow & Co.

UNITED STATES PATENT OFFICE.

OREN ANDREW, OF TOWNSEND, NEW YORK.

FENCE-POST.

SPECIFICATION forming part of Letters Patent No. 633,062, dated September 12, 1899.

Application filed January 25, 1899. Serial No. 703,343. (No model.)

To all whom it may concern:

Be it known that I, OREN ANDREW, a citizen of the United States, residing at Townsend, in the county of Schuyler and State of New York, have invented a new and useful Fence-Post, of which the following is a specification.

This invention relates to fence-posts; and the object thereof is to provide a post with a tension-brace, whereby the post may be adjusted to bring a tension upon the line of fencing and prevent sagging of the same.

A further object of the invention is to utilize the base for the post as an anchorage for the brace.

To these ends the present invention consists in the combination and arrangement of the parts, as will be hereinafter more fully described, particularly pointed out in the claim, and shown in the drawings.

In the drawings, Figure 1 is a sectional elevation of a post having the invention applied thereto. Fig. 2 is an end elevation thereof. Figs. 3 and 4 are sectional elevations similar to Fig. 1, each showing a modified form. Fig. 5 is an end view of Fig. 4.

Corresponding parts are designated by like characters of reference in all the figures of the drawings.

Referring to the accompanying drawings, 1 designates an ordinary post, preferably of wood, which rests upon a base 2 of stone, metal, or composition, as desired, and which is embedded in the ground, as usual. The upper end of the post is beveled or inclined, as at 3, upon its inner face for a purpose which will be explained hereinafter.

A brace 4 in the form of a rod, heavy wire, or cable extends longitudinally of the post upon the outer side thereof in the plane of the fencing 5, and its upper portion 6 passes loosely through an oblique opening or passage 7, formed through the post and opening at the beveled face 3 of the top of the post. As shown in Fig. 1, the brace extends downward into the ground, having an eye 8 provided at its lower extremity and adapted to receive a bar or rod 9, extending transversely of the fence. A suitable anchor 10 is placed across the bar 9, having one end engaging against the under side of the base 2 and the other end thereof inclined downwardly away therefrom. This

anchor may be of any desired material, having an opening 11, through which the brace may pass, or it may be in two sections and on opposite sides of the brace. The upper extremity of the brace extends beyond the beveled face of the post, being threaded and provided with a nut 12. This post is intended for use in connection with wire fences, the runner-wires being connected to the post as desired or by passing through the latter and connected directly to the brace on the outer face of the post, as shown in Figs. 1 and 3.

From the foregoing description it will be apparent that by operating the nut 12 to draw upon the brace 4 the post 1 will be straightened upward and a tension brought upon the fencing to take up the sag occasioned by the leaning of the post.

A modified form of the invention is shown in Fig. 3, in which a bar 13, forming the anchor, passes through an eye 14 in the lower extremity of the brace 4, one end of the rod engaging against the under side of the base 2 and its other end extending downwardly and outwardly therefrom in the line of the fence instead of transversely thereof, as in Figs. 1 and 2, whereby the extra anchor 10 is dispensed with.

Another form is shown in Figs. 4 and 5, in which the brace is formed of heavy wire or cable 15, which is formed into a loop having the bight thereof engaged about the base 2, the ends of the wire being connected together and passed through an oblique opening 16 in the post, as described for the other forms, and a pin or peg 17 is used to prevent the brace from slipping back through the opening. In this form by twisting the cable by means of the peg or pin 17 a tension may be had upon the post and the fencing, as described for the other form.

In each of the forms it will be noted that the tension-brace is anchored by means of the base for the post, and the draw upon the brace is directly upward against the combined weight of the post and the base. This arrangement provides a more substantial anchorage than if the brace were anchored at a distance from the post, whereby a sidewise strain is brought upon the anchor. It is preferable to point or bevel the upper end of the

post and extend the brace through the post to the inclined portion, as the nut or other tightening means is in a more convenient and accessible position. However, instead of extending to the top of the post the brace may pass directly through the post, as the same effect will be had.

In Fig. 1 the base 2 is shown as extending at opposite sides of the post and the brace passes through the base, while in Fig. 3 the base does not extend beyond the outer face of the post and the brace passes downward alongside of the same. Either of these arrangements may be employed, as desired.

The brace arrangement of the present invention may be employed upon the intermediate posts, but is especially designed for end posts to place a tension upon the line of fencing and take up the sag thereof. The brace does not extend out obliquely from the post and therefore does not project out into a roadway at corners and is not liable to be damaged by stock.

Among the advantages possessed by my invention will appear the following: The fact that the post rests on the base above the earth prevents any possibility of the post decaying, and thus the lifetime of the post is extended. Furthermore, the rod passing through the base prevents the latter from tipping sidewise and makes a very strong and efficient brace for

the post. A good brace for the fence adds much to the strength of the fence as a whole.

Various changes in the form, proportion, size, and the minor details of construction within the scope of the appended claim may be resorted to without departing from the spirit or sacrificing any of the advantages of this invention.

Having thus described the invention, what is claimed is—

The combination with a fence-post having a base projecting beyond the outer side thereof, of a brace located adjacent to and parallel with the outer side of the post, having its upper end adjustably connected to the post, and its lower end passing through a vertical opening formed in the base, and extending below the latter, a transverse rod connected to the lower end of the brace and located beneath the base, and an anchor having its upper end engaging the under side of the base, inclined downwardly across the rod, and having an opening receiving the brace, substantially as shown and described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

OREN ANDREW.

Witnesses:

GEO. C. WAIT,
WILLIAM ROBERTS.