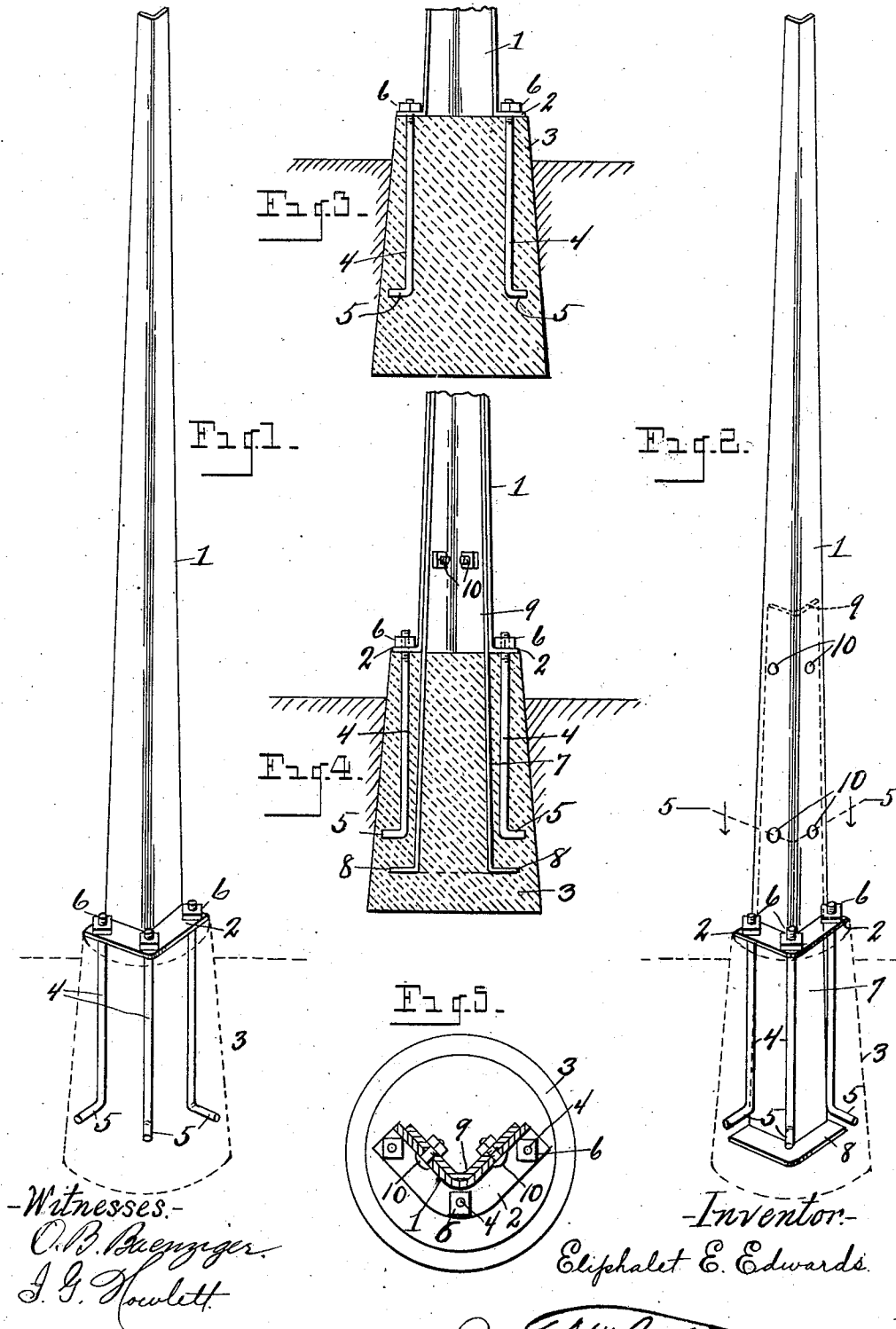


No. 845,399.

PATENTED FEB. 26, 1907.

E. E. EDWARDS.
FENCE POST.

APPLICATION FILED AUG. 8, 1906.



UNITED STATES PATENT OFFICE.

ELIPHALET E. EDWARDS, OF FLINT, MICHIGAN.

FENCE-POST.

No. 845,399.

Specification of Letters Patent.

Patented Feb. 26, 1907.

Application filed August 6, 1906. Serial No. 329,362.

To all whom it may concern:

Be it known that I, ELIPHALET E. EDWARDS, a citizen of the United States, residing at Flint, in the county of Genesee, State of Michigan, have invented certain new and useful Improvements in Fence-Posts; 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 figures of reference marked thereon, which form a part of this specification.

This invention relates to a fence-post, and consists in the construction and arrangement of parts hereinafter fully set forth, and pointed out particularly in the claims.

The object of the invention is to provide a metallic fence-post of light and comparatively inexpensive construction, wherein the arrangement is such as to render the post sufficiently rigid to support a wire fence and wherein provision is made for preventing the post rusting at the base, a common objection to metallic fence-posts. A further arrangement provides for detachably mounting the post upon a base of concrete or cementitious body in a manner to firmly retain the post in position. The above object is attained by the structure illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of a line-fence post embodying my invention, the concrete or cement base showing in dotted lines. Fig. 2 is a similar view of a post embodying my invention designed to be used at the corner or at the end of a line of fencing where the post is subjected to greater strain than a line-post. Fig. 3 is a fragmentary view, partly in section, showing the manner of securing the type of post shown in Fig. 1 to the cement base. Fig. 4 is a similar view showing the manner of securing the type of post shown in Fig. 2 to a cement base. Fig. 5 is a horizontal section as on line 5 5 of Fig. 2.

Referring to the characters of reference, 1 designates a tapering post formed of angle-iron of suitable gage and provided at its lower end with an integral right-angle flange 2, forming a foot which rests upon the top of the cement base 3. Said base is more preferably in the form of a truncated cone, and anchored therein are the rods 4, having a hook 5 at the lower ends thereof to more securely retain them in the base and having threaded

upper ends which project through the top of the base, as shown. The flanged foot 2 of the post rests upon the top of the base and is provided with apertures which receive the threaded ends of the rods 4, when by screwing the nuts 6 tightly against said flange or foot the post 1 may be rigidly supported in an upright position and firmly anchored to the base 3.

Where a post of greater strength is required—such, for instance, as the end post at the terminal of a line of fencing or a corner-post—I employ a post 1, as above described, and the anchor-rods 4, and in addition thereto I anchor within the cement base a short reinforcement for the lower end of the post, comprising a tapering angle-iron piece 7, of the same cross-section as the post, having a flanged base 8 and extending above the concrete, as shown at 9, to lie within the post 1, to which it is secured by the transverse bolts 10, which pass through said parts. By means of the reinforcing-strip the post is greatly strengthened at its lower end because of the flanged lower extension which is embedded in the base.

It will be noted that the concrete base 3 extends some distance above the ground-line, thereby protecting the post at the bottom from rust. Should the upper portion of the post become injured in any way, a new post may be readily supplied by unscrewing the nuts 6 and removing the injured post. Where it is desired to supply a new post in cases where the structure shown in Figs. 2, 4, and 5 is used, it will be necessary to remove the bolts 10 in addition to unscrewing the nuts 6.

When nested for shipment, the metal posts may be placed one in the other, in which position they occupy but a comparatively small space.

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

1. In a fence-post, the combination of the angle-iron post, having an integral outwardly-turned triangular flange at its lower end, a cement base, hooked anchor-rods embedded in said base and having threaded ends which project through the triangular flange of the post at the corners thereof, and nuts screwing upon said rods against said flange to retain the post in a vertical position.

2. In a fence-post, the combination with a

5 cement base having a flat top, an angle-iron post having a lateral flange at its lower end adapted to rest upon said top, means for detachably securing said flange to the cement base, and a reinforcing-strip of angle-iron embedded in the base at its lower end, and at its upper end detachably secured to the upper portion of the post.

10 3. In a fence-post, the combination of a cement base, an angle-iron post mounted upon said base and a reinforcing-strip of angle-iron embedded in the base at its lower end and at its upper end lying in the angle and secured to the upwardly-extending portion of the post.

15 4. In a fence-post, the combination of an

angle-iron post having a flange at its lower end, a cement base upon which said flange is seated, anchor-rods embedded in the base and extending through said flange to maintain the post in position, and a reinforcing metallic strip anchored in the cement base and lying against a portion of the post extending above the base, and means for securing said parts together.

25 In testimony whereof I sign this specification in the presence of two witnesses.

ELIPHALET E. EDWARDS.

Witnesses:

C. O. SWAYZE,
WILLIAM T. YEO.