

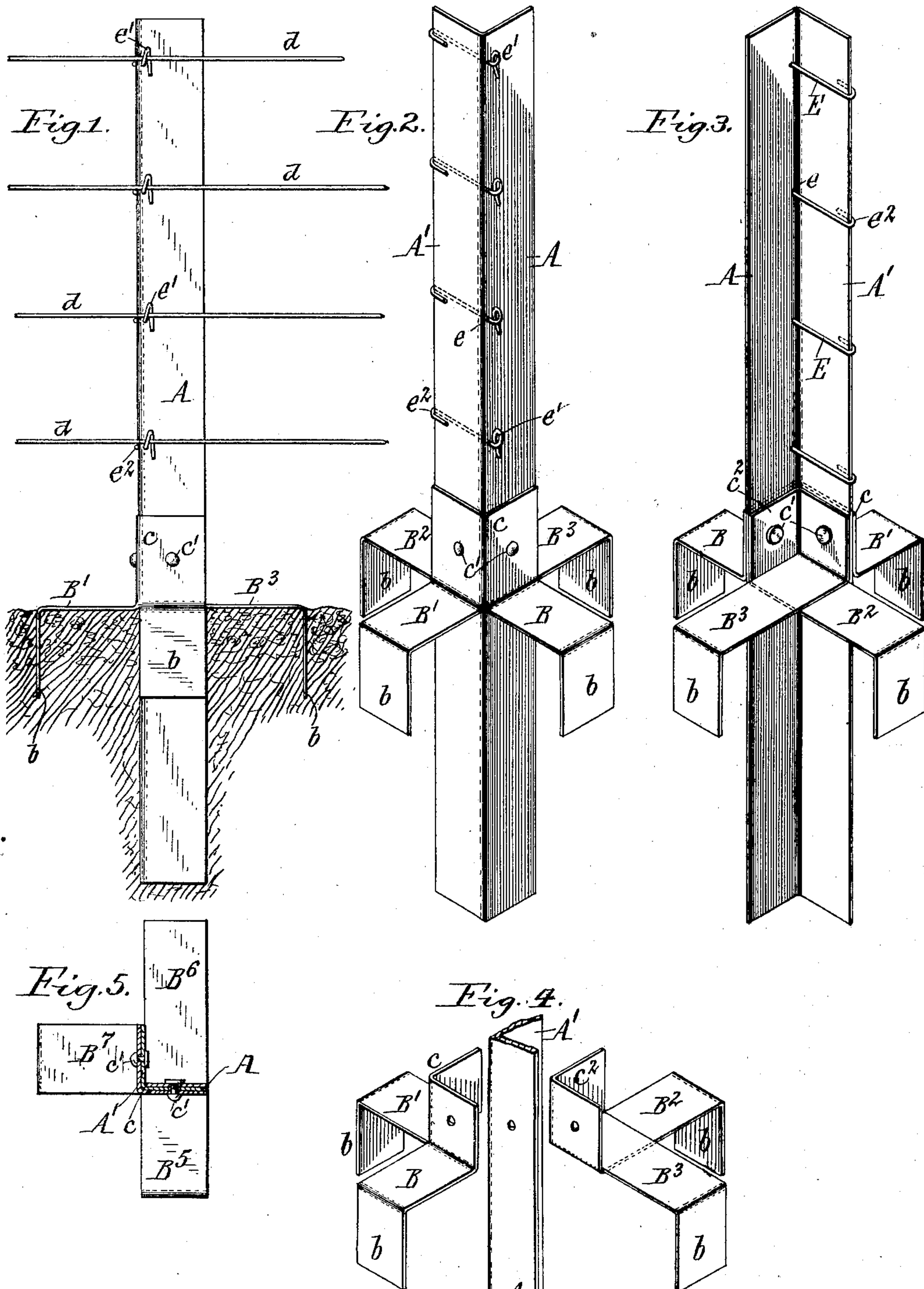
No. 737,642.

PATENTED SEPT. 1, 1903.

C. B. LOMBARD.
FENCE POST.

APPLICATION FILED APR. 21, 1902.

NO MODEL.



Witnesses:

Louis W. Gratz.
Emma M. Graham.

Cyril B. Lombard Inventor
By Geyer & Popp
Attorneys

UNITED STATES PATENT OFFICE.

CYRIL B. LOMBARD, OF DARIEN CENTER, NEW YORK.

FENCE-POST.

SPECIFICATION forming part of Letters Patent No. 737,642, dated September 1, 1903.

Application filed April 21, 1902. Serial No. 103,934. (No model.)

To all whom it may concern:

Be it known that I, CYRIL B. LOMBARD, a citizen of the United States, residing at Darien Center, in the county of Genesee and State of New York, have invented new and useful Improvements in Fence-Posts, of which the following is a specification.

This invention relates to wire fences in which metallic posts of angular or trough-shaped cross-section are employed which are adapted to be driven into the ground.

The object of my invention is to provide the posts of such fences with simple and effective braces or anchors, which also serve to reinforce the same adjacent to the ground, where they are subjected to the greatest strain.

In the accompanying drawings, Figure 1 is a fragmentary front view of a fence-post embodying my invention. Figs. 2 and 3 are perspective views of the post, taken from opposite sides of the same. Fig. 4 is a fragmentary perspective view showing the two pairs of brace-plates separated from the body of the post. Fig. 5 is a horizontal section taken immediately above the brace-plates and showing a slight modification of the latter.

Like letters of reference refer to like parts in the several figures.

The body of the post is preferably constructed of angle-iron having an L-shaped or V-shaped cross-section, the web or side A of the post being arranged in the plane of the fence and the other web, A', substantially at right angles thereto.

B B' B² B³ indicate horizontal brace-plates extending from different sides of the post and adapted to rest on the surface of the ground, so as to resist displacement of the post and also prevent settling of the same. These plates preferably extend from the four sides of the post in the form of a cross, as shown, and are provided at their outer ends with depending anchor-flanges b, which are embedded in the ground and increase the stability of the post. While it is desirable to employ these anchor-flanges, they are not indispensable and may be omitted.

In the construction shown in Figs. 1 to 4 of the drawings the brace-plates are arranged in two pairs, and the plates of each pair are stamped from a single blank of sheet metal

of suitable thickness. The plates B B' of one pair are applied to the salient outer side of the post and connected at their inner ends by an upwardly-extending flange c, bent into angular or V-shaped cross-section and having its apex arranged to face outward. This angular flange is fitted against the salient side of the post and rigidly secured thereto by rivets or bolts c'. The brace-plates B² B³ of the other pair are likewise connected at their inner ends by an upwardly-turned flange c² of V-shaped cross-section, having its apex arranged to face the hollow or receding side of the post, said flange being secured to the adjacent side of the post, preferably by the same rivets which fasten the other pair of brace-plates to the post. Inasmuch as the brace-plates B² B³ extend outward from the receding side of their connecting-flange c², one of these plates is required to cross or overlap the other, as shown in Figs. 3 and 4.

The angle-flanges c c² of the brace-plates embrace opposite sides of the angle-iron post at the surface of the ground and immediately above the same, where the post is subjected to the severest strain, and these flanges therefore serve not only as a means of attaching the brace-plates to the post, but also form reinforcements which stiffen the post at its weakest point. These reinforcements permit the post to be made of lighter and less expensive material without sacrificing its strength.

As shown in the drawings, the brace-plates are arranged at some distance above the lower end of the post to leave a sufficient portion of the latter below the plates to be driven into the ground.

If desired, either two or three brace-plates may be employed instead of four, Fig. 5 showing a post provided with three of such plates. In this case the two plates B⁵ B⁶ are arranged to extend from opposite sides of the front web A of the post, while the third plate B⁷ extends from the outer face of the other web A'. When but two brace-plates are used, they are arranged, as shown in Fig. 5, except that the plate B⁷ is omitted. In either of these constructions the post is reinforced at or near the ground by the stiffening-flanges at the inner ends of the brace-plates.

d d indicate the fence-wires extending across the front side of the post and secured to the same by any suitable fastener.

I do not wish to claim in this application the construction of the fence-wire fastener shown in the drawings, as the same forms the subject of another application filed by me April 21, 1902, Serial No. 103,934.

I claim as my invention—

10 1. A metallic fence-post comprising a body having two webs arranged at an angle to each other, and a pair of horizontal brace-plates, one extending from each web at a distance above the lower end of the post and arranged
15 to rest flatwise upon the ground, each of said brace-plates being provided at its inner end with an upwardly-extending flange secured to the adjacent web, substantially as set forth.

20 2. A metallic fence-post comprising a body having two webs arranged at an angle to each other, and a pair of horizontal brace-plates, one extending from each web at a distance above the lower end of the post and arranged to rest flatwise upon the ground, said brace-
25 plates being connected at their inner ends by an upright angle-flange extending above the plates and secured to the webs of the post, substantially as set forth.

30 3. A trough-shaped fence-post, having a pair of horizontal brace-plates extending in different directions from the salient side of the post and connected by an angle-flange fitted against said salient side and secured thereto, and a brace-plate extending from the op-

posite or receding side of the post and provided with a flange secured to the adjacent side of the post, substantially as set forth. 35

4. A trough-shaped fence-post having two pairs of horizontal brace-plates extending from different sides thereof and arranged to rest upon the ground, one pair of said plates being connected by an upwardly-extending V-shaped flange which conforms to the salient side of the post and is secured thereto, and the other pair of brace-plates being connect-
45 ed by a similar but reversely-arranged V-shaped flange secured to the opposite or receding side of the post, substantially as set forth.

5. A trough-shaped fence-post having two pairs of horizontal brace-plates extending from different sides thereof and arranged to rest upon the ground, one pair of said plates being connected by an upwardly-extending V-shaped flange which conforms to the salient side of the post and is secured thereto, and the other pair of brace-plates being connect-
55 ed by a similar but reversely-arranged V-shaped flange secured to the opposite or receding side of the post, the brace-plates on the receding side of the post being arranged
60 to cross or overlap each other, substantially as set forth.

Witness my hand this 19th day of April, 1902.

CYRIL B. LOMBARD.

Witnesses:

CARL F. GEYER,
THEO. L. POPP.