

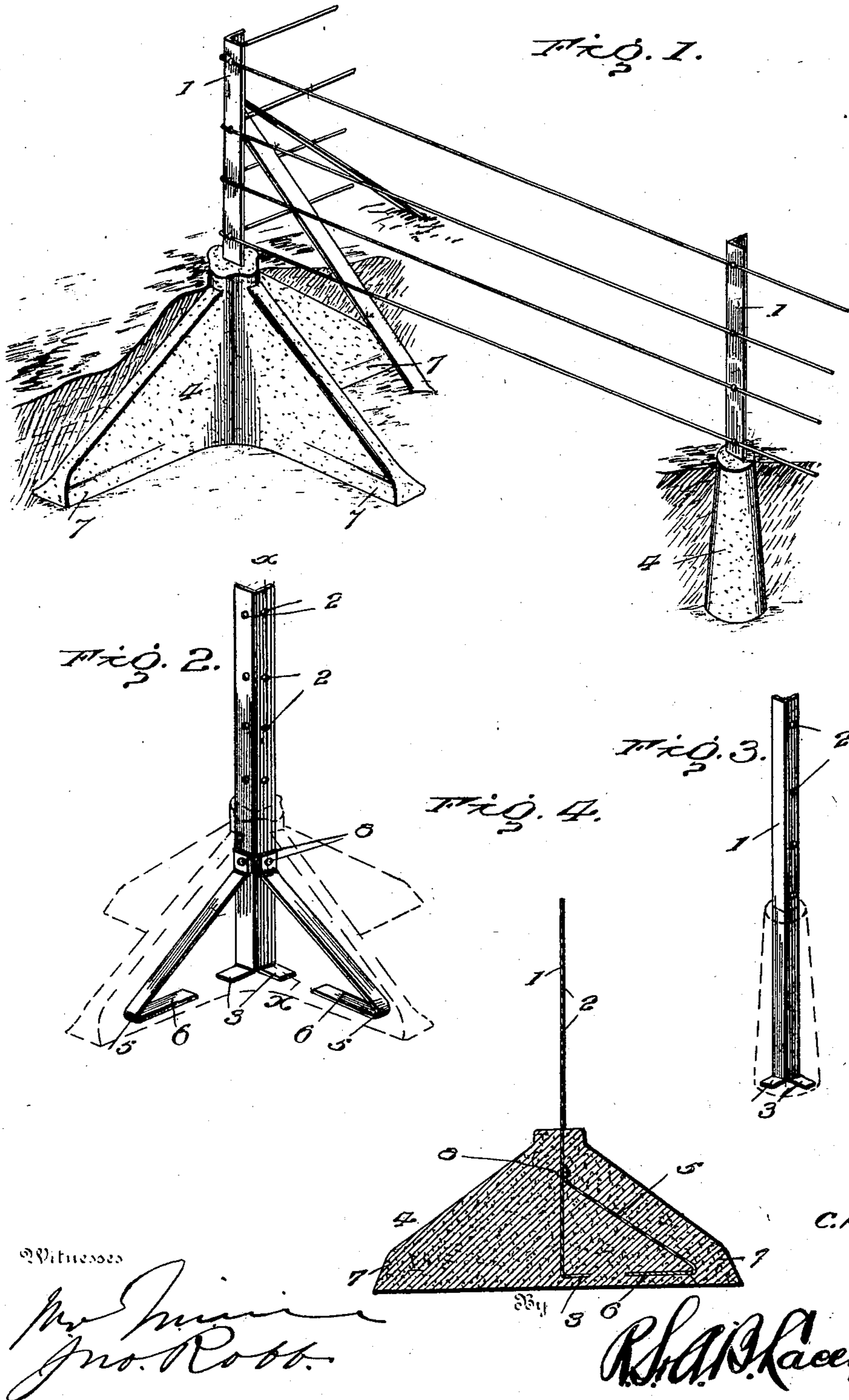
No. 730,966.

PATENTED JUNE 16, 1903.

C. A. REED.  
FENCE POST.

APPLICATION FILED JAN. 31, 1903.

NO MODEL.



# UNITED STATES PATENT OFFICE.

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## FENCE-POST.

SPECIFICATION forming part of Letters Patent No. 730,966, dated June 16, 1903.

Application filed January 31, 1903. Serial No. 141,340. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES A. REED, a citizen of the United States, residing at Payne, in the county of Paulding and State of Ohio, have invented certain new and useful Improvements in Fence-Posts, of which the following is a specification.

This invention relates to improvements in posts for use in wire-fence construction and contemplates the provision of a structure of post which will obviate many of the disadvantages to be found in those at present in use.

The present invention is of the type embodying the use of a metallic post having a plastic base, and among the novel features of the same are the peculiar manner of securing the post to the base, the peculiar form of the post which enables a practicable combination of same with its base, and also the special form of the plastic base itself, which is of great importance to the practicability of the device.

The invention further aims to provide a post which, as regards to cost, is within the limit of the average buyer and which when placed in position is anchored in such a manner as to firmly withstand the strain of the line-wires. The ordinary post of the class shown in the drawings is not anchored against the upheavals of the ground around the base of same, caused often by the penetration of frost into the ground or continuous rainy weather and subsequent drying, which causes the ground to crack, so that the same lifts, carrying the post with it. The post hereinafter described is designed to obviate to a great extent the above disadvantage.

For a full description of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result reference is to be had to the following description and drawings hereto attached.

While the essential and characteristic features of the invention are susceptible of modification, still the preferred embodiment of the invention is illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view showing the corner and intermediate posts. Fig. 2 is a perspective view of the corner-post, showing

the base in dotted lines. Fig. 3 is a similar view of the intermediate post. Fig. 4 is a sectional view of the corner-post and base.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

The post 1 is preferably an angle-bar and is provided with any suitable means, such as the openings 2, for securing the line-wires thereto. The lower end of the said post has lateral wings 3, which assist in firmly holding the plastic base 4 to same in a manner which will be clearly seen. This lower portion of the post has the plastic base molded around same, which base tapers toward its upper end for purposes to be hereinafter set forth. The form of post as above described is shown in Fig. 2 of the drawings and is used as a line-post only. The hardened plastic base 4 may be of any material or composition of materials—such as concrete, cement, and the like and is applied while in a plastic state.

The corner-posts, which of course receive the strain of the line of fence, are of somewhat-different construction. The post proper (designated at 1) is the same as used in the line-posts having the wings 3. Legs 5, however, diverge downwardly from the lower portion of the post and are bent to form inner extensions 6. These legs are of metal and are fastened to the post 1 by any fastening means, such as bolts 8 or the like. The plastic base of the corner-posts is also formed with lateral legs 7, preferably four in number. Two of the legs of the plastic base are molded about the diverging metal legs of the post. The latter-mentioned legs also taper toward the upper portions thereof and are cut away on an incline, as clearly illustrated.

The exact form of the metal legs 5 is very important in that the inner extensions 6 serve to confine the plastic material forming the legs 7 in such a manner as to make it almost an impossibility to break the plastic material away from same. The legs 7 also are of such formation that they will anchor the post as well as if the base were an entirely solid mass of plastic material. However, were the base a solid mass, as before premised, a lifting of the ground caused by frost or other-

wise would dislodge the whole post and make it absolutely unserviceable until the earth is dug away and again packed about the same. Should the ground lift about the post herein  
5 described, one of the legs may be broken from the others, but the remaining legs would still firmly anchor the device. Again, should the upheaval of the earth be so great as to crack the plastic legs 7 the metal legs 5,  
10 which are disposed in a direction to resist the strain of the line-wires, will be sufficient to make the anchorage of the post 1 secure. The upward tapering of the legs 7 and the base 4, as shown in Fig. 2, is to assist in pre-  
15 venting lifting of the post, as will be easily understood.

It is preferred to use only two metal legs, though the number of these may be governed by the number of the plastic legs, if desirable.

20 Having thus described the invention, what is claimed as new is—

1. In combination, a fence-post provided

with downwardly-diverging legs bent to form inner extensions, and a base having legs of plastic material in a hardened state cast about  
25 the aforesaid legs of the post, substantially as described.

2. In combination, a metallic fence-post having lateral wings at the lower end thereof, metal legs diverging downwardly from the  
30 lower portion of the post and bent to provide inner extensions, and a base comprising separate legs of hardened plastic material formed about the aforesaid metal legs and confined  
35 thereto by the aforesaid inner extensions of same and the wings of the post, substantially as and for the purpose set forth.

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

CHARLES A. REED. [L. S.]

Witnesses:

W. E. ROSE,

F. O. CRAIG.