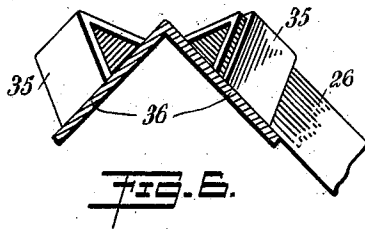
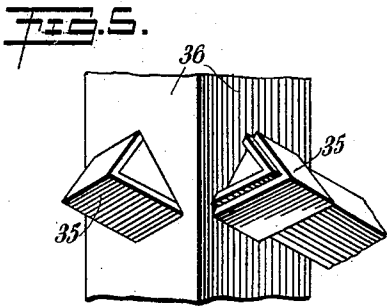
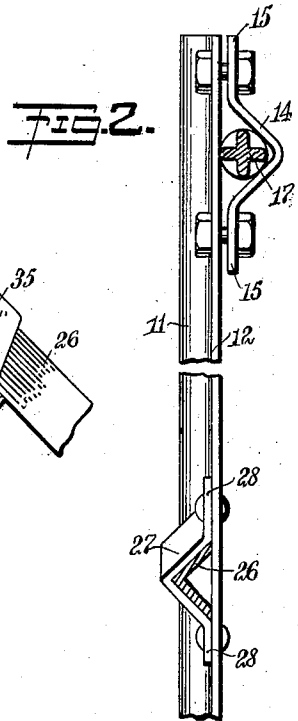
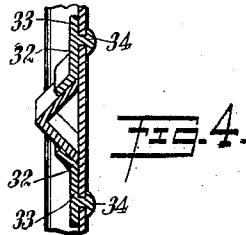
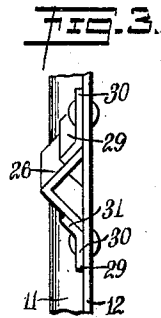
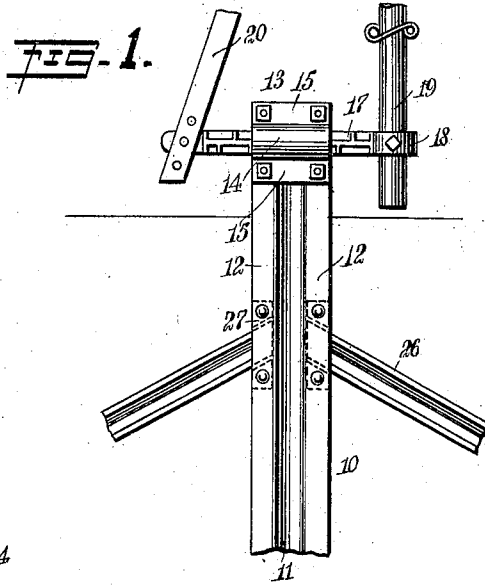


P. T. BAILEY.
ANCHORING BASE FOR POSTS.
APPLICATION FILED FEB. 1, 1910.

980,736.

Patented Jan. 3, 1911.



WITNESSES:
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UNITED STATES PATENT OFFICE.

PERCY TRIPP BAILEY, OF NEWPORT, RHODE ISLAND.

ANCHORING-BASE FOR POSTS.

980,736.

Specification of Letters Patent.

Patented Jan. 3, 1911.

Application filed February 1, 1910. Serial No. 541,255.

To all whom it may concern:

Be it known that I, PERCY TRIPP BAILEY, a citizen of the United States, and a resident of Newport, in the county of Newport and State of Rhode Island, have invented a certain new and useful Anchoring-Base for Posts, of which the following is a full, clear, and exact description.

This invention relates to certain improvements in anchoring bases for posts, and more particularly to that type of anchoring base disclosed in my prior application, Serial Number 502,470, filed June 16, 1909.

My improved anchoring base includes as an improved feature thereof the substantially vertical central spike, which is formed from sheet metal corrugated lengthwise of the spike to give it the necessary rigidity.

My invention relates particularly to the means for securing the auxiliary anchoring arms to the spike intermediate the upper and lower ends of the latter.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference denote corresponding parts in all the views, and in which:

Figure 1 is a side elevation of a device constructed in accordance with my invention. Fig. 2 is a side elevation of the spike shown in Fig. 1, the horizontal bar and the anchoring arms being shown in cross section; Fig. 3 is a side elevation of a portion of a spike in which two separate clamping members are employed for securing each anchoring arm to the spike; Fig. 4 is a vertical section through a construction in which the clamping members are formed from cast metal; Fig. 5 is a side elevation of a portion of the spike, and the securing means for the anchoring arms, the spike consisting of a piece of angle iron; and Fig. 6 is a horizontal section through the spike shown in Fig. 5.

My spike, in its preferred form, is constructed of sheet metal, and presents a corrugation extending lengthwise of the spike. In the form shown in Fig. 1, the main spike 10 has a central corrugation 11 intermediate the side edges and the marginal portions 12, which lie substantially in the same plane. The spike is pointed at its lower end so as to facilitate the driving of the spike into the ground, and the spike is so constructed at its upper end as to detachably support a post, and intermediate the ends of the spike are means for supporting anchoring arms.

The spike may support a post 19 at its upper end in any suitable manner, as neither the post nor the connection between the post and the spike, constitutes any portion of the invention hereinafter claimed. As illustrated, a horizontally-extending bar 17 is secured to the spike by a clamping member 13, which latter has a transverse corrugation to receive the bar. The post may be secured to the bar 17 by means of a collar 18 and may be held upright by a brace 20.

My invention relates to the means for securing the anchoring arms in place, and this means involved certain improvement in the construction shown in my prior Patent No. 959,286, issued May 24, 1910.

Intermediate the ends of the spike I provide means for securing thereto anchoring arms 26. These anchoring arms are preferably formed of sheet metal and may be angular in cross section, so as to give them sufficient rigidity. Instead of forming the securing means integral with the body of the spike as in my previous application, above referred to, I form these securing means of separate pieces of metal attached to the flanges of the spike. In Figs. 1 and 2 I have illustrated these securing means in the form of loops 27, each having a corrugation extending transversely thereof and corresponding in shape to the anchoring arms 26, and having terminal portions 28 rigidly secured to one flange of the spike. The strip forming each loop 27 extends substantially vertically and the corrugation extends substantially horizontally but inclined downwardly to a slight extent, so that when the anchoring arm is driven in the latter will extend downwardly as shown in Fig. 1.

Instead of forming the securing means as a loop, I may employ two separate sections 29, 29 as illustrated in Fig. 3. These two sections are substantially identical with the two terminal portions of the loops 27, and they differ only in that the intermediate portion is left out; that is, each member 29 has a base portion 30 adapted to be rigidly bolted or riveted to the flange of the spike, and has an inclined portion 31 adapted for engagement with the inclined side of the anchoring arm. Instead of bolting or riveting these members in position, I may form them of cast metal with the securing means integral as indicated in Fig. 4. In this form the securing means 32 is substantially identical with the securing means shown in Fig. 8,

except that the base portion 33 of each member has a lug or extension 34 which may be inserted through an aperture in the flange of the spike and may have its head riveted
5 over to hold it in place.

In Figs. 5 and 6 I have illustrated loops 35 integral with the sides of the spike, but in the form shown in these views the spike is an angle iron rather than of the form
10 shown in the remaining figures. This spike has the two side walls 36, 36, substantially at right angles to each other, and constituting in themselves a corrugation. It will be noted that the loops are thus carried by the
15 walls or corrugation rather than by any flanges at the sides of the corrugation.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

20 1. An anchoring base for posts, having a central spike, an anchoring arm substantially angular in cross section, and a loop having its ends secured to said spike and having a triangular intermediate portion
25 for receiving said arm.

2. An anchoring base for posts, having a central spike, presenting a corrugation extending lengthwise thereof, an anchoring arm extending at an angle to said spike, and metal retainers, each having a portion in en- 30 gagement with the side of the arm and a portion in engagement with the spike and having means extending through the spike for holding the retainer in position.

3. An anchoring base for posts having a 35 central spike, an anchoring arm having two longitudinally-extending portions at an angle to each other, and a loop on said spike intermediate the ends of the latter and extending diagonally in respect thereto and 40 having a triangular portion for receiving said arm.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

PERCY TRIPP BAILEY.

Witnesses:

BESSIE F. STANHOPE,
GEORGE A. ECKERT.