June 12, 1928.

1,672,927

A. BURK

FENCE POST

Filed Feb. 11, 1925

3 Sheets-Sheet 1

Fig. 1.

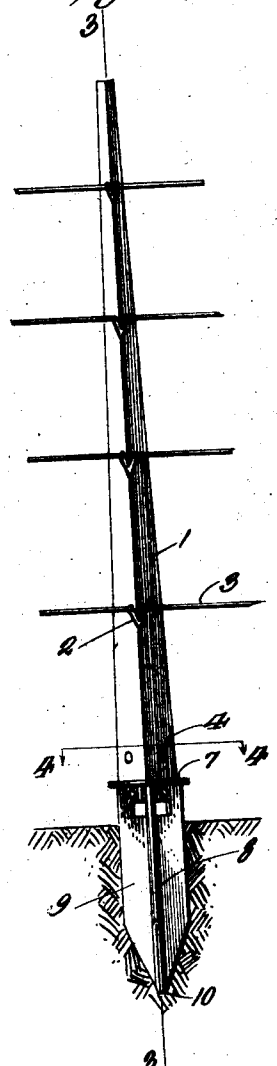


Fig. 2.

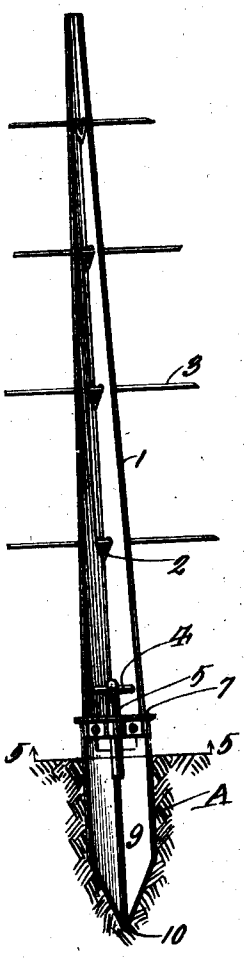


Fig. 3.

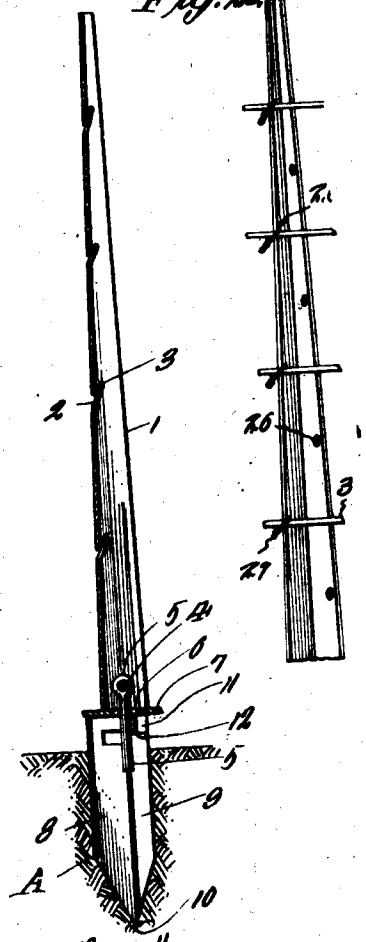


Fig. 2a.

Fig. 4.



Fig. 5.

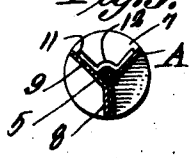
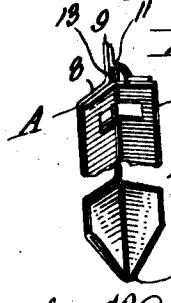


Fig. 6.



WITNESSES

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FENCE POST

Filed Feb. 11, 1925 3 Sheets-Sheet 2

Fig. 7.

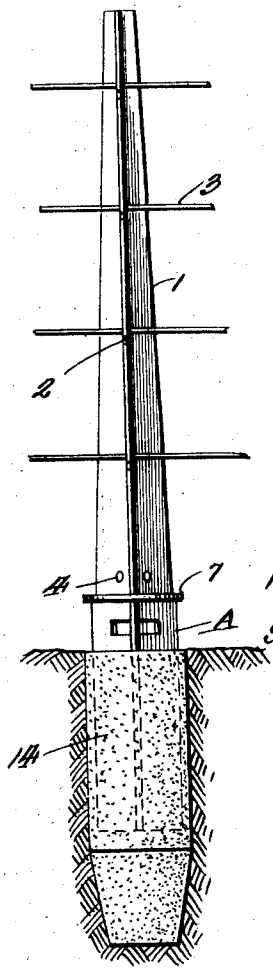


Fig. 8.

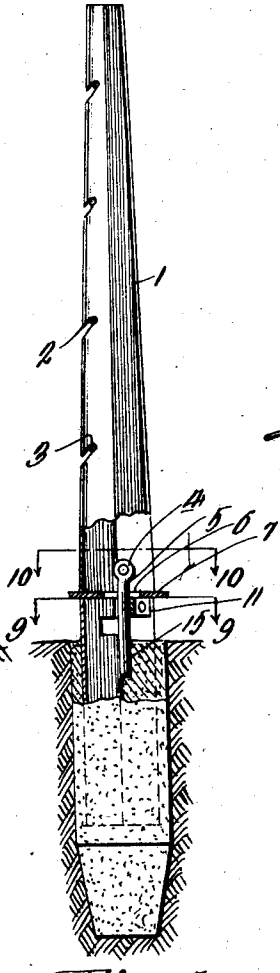


Fig. 13.

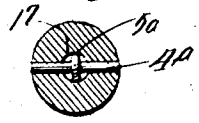


Fig. 12.

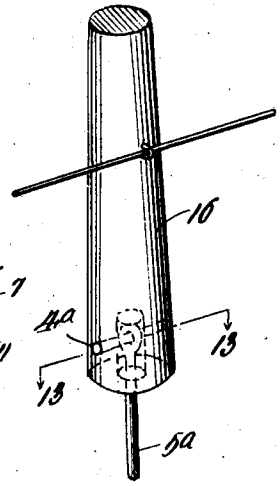


Fig. 9.

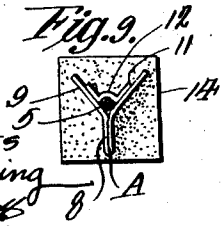
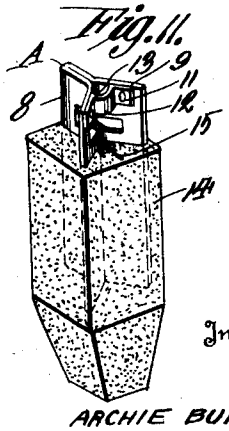


Fig. 10.



Fig. 11.



WITNESSES

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FENCE POST

Filed Feb. 11, 1925 3 Sheets-Sheet 3

Fig. 14.

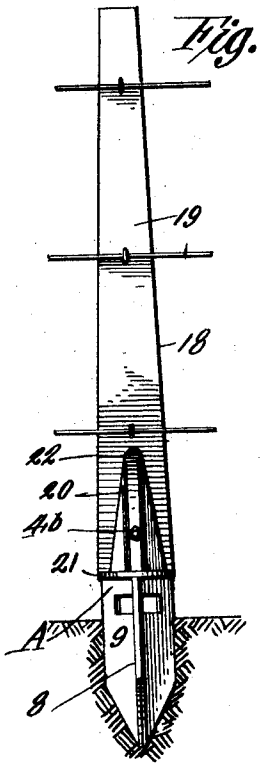


Fig. 15.

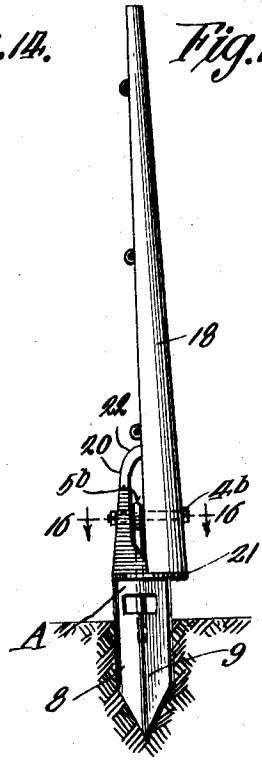


Fig. 16.



Fig. 17.

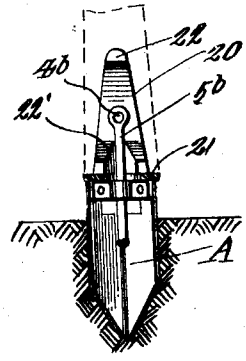


Fig. 18.

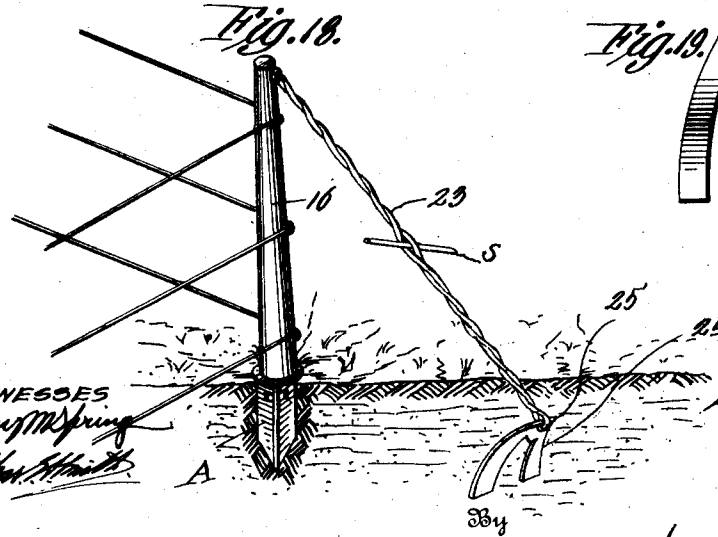
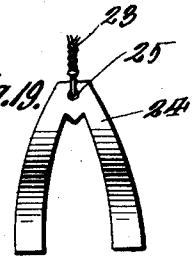


Fig. 19.



WITNESSES

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Patented June 12, 1928. 1,672,927

UNITED STATES PATENT OFFICE.

ARCHIE BURK, OF CHASSELL, MICHIGAN, ASSIGNOR OF ONE-HALF TO WILLIAM DEZIEL, OF CHASSELL, MICHIGAN.

FENCE POST.

Application filed February 11, 1925. Serial No. 8,532.

The present invention relates to fence posts and has for its prime object to provide the same with anchoring means separate therefrom which may be embedded in the ground and made of heavier material thus insuring the relatively long life of the posts as a whole, making the same strong, easy to erect, assemble and dis-assemble.

Another important object of the invention is to provide a fence post of this nature having an exceedingly simple and efficient construction, one which is reliable, inexpensive to construct, and well adapted to the purpose for which it is designed.

With the above and numerous other objects in view which will appear as the description proceeds, the invention resides in certain novel features of construction, and in the combination and arrangement of parts as will be hereinafter more fully described and claimed.

In the drawing:—

Figure 1 is an elevation of the fence post embodying features of my invention.

Figure 2 is another elevation thereof taken from the rear of that shown in Figure 1.

Figure 3 is a longitudinal vertical section therethrough taken substantially on the line 3—3 of Figure 1.

Figure 4 is a horizontal transverse section through the post taken substantially on the line 4—4 of Figure 1 looking in the direction of the arrows.

Figure 5 is a transverse section through the anchor for the post taken substantially on the line 5—5 of Figure 2 looking in the direction of the arrows.

Figure 6 is a detail perspective view of the anchor.

Figure 7 is an elevation of a modified form of the anchor showing the same post as illustrated in previous figures.

Figure 8 is another elevation thereof taken at right angles to that shown in Figure 7.

Figure 9 is a transverse section taken substantially on the line 9—9 of Figure 8 looking in the direction of the arrows.

Figure 10 is another transverse section taken substantially on the line 10—10 of Figure 8 looking in the direction of the arrows.

Figure 11 is a perspective view of the modified form of the anchor.

Figure 12 is a fragmentary perspective view showing the lower portion of a modified form of the post.

Figure 13 is a transverse sectional view taken on line 13—13 of Figure 12.

Figure 14 is an elevation showing a modified form of a post with the same anchor as illustrated in Figure 6.

Figure 15 is another elevation thereof taken at right angles to that shown in Figure 14.

Figure 16 is a transverse section through the post taken substantially on the line 16—16 of Figure 15.

Figure 17 is a detail elevation showing the brace for the post on the anchor.

Figure 18 is a perspective view of a post and anchor embodying the features of my invention showing in conjunction therewith corner bracing means.

Figure 19 is a detail view of the brace anchor, and

Figure 20 is a fragmentary elevation of post with a modified form of runner wire connections.

Referring to the drawing in detail, and particularly Figures 1 to 6, inclusive, it will be seen that the fence post 1 is V-shaped in cross section, having suitable notches 2 in its apex edge for the reception of the wires 3 of a fence. This post is preferably tapered so as to be smaller at its upper end than at its lower end. A pin 4 extends transversely across the bottom portion of the post between the sides thereof and has pivoted thereon a rod 5 which extends through an opening 6 in the base 7 attached to the lower end of the post.

The anchor shown in these figures is indicated generally by the letter "A" and in elevation is substantially Y-shaped in formation to include a double ply wing 8 and the two single ply wings 9, the anchors thus being formed from a single sheet of material preferably heavier and more sturdy than the material from which the fence is made. The lower end of the anchor is pointed, as is indicated at 10. A strap 11 has its ends attached to the wings 9 and its intermediate portion formed arcuate as at 12 thereby forming with the wings 8 and 9 an opening 13 for the reception of rods 5 when the base 7 is seated on the upper end of the anchor.

In Figures 7, 8, 9, 10 and 11 the anchor "A" is illustrated as imbedded in a concrete

block 14. In this form the anchor projects upwardly from the block 14 and the rod 5 into the opening 15 of the block. Otherwise this modification is identical with that described in connection with Figures 1 to 6, inclusive.

Figures 12 and 13 show a modified form of the post, of a substantially conical solid formation. This modified form of the post 16 is provided at its bottom end with a recess 17 and a pin 4^a extends transversely through the post and through the recess so as to pivotally receive the rod 5^a. This post 16, therefore, can be used on either the anchor shown in Figure 6, or that shown in Figure 11.

Referring now to the modification of the post shown in Figures 14 to 17, inclusive, it will be seen that the post 18 is somewhat similar to post 16 except that it is provided with a flat side 19 thus being semi-circular in cross section. A brace 20 is provided with a base 21 for receiving the bottom of post 18 and at its upper end with an inwardly curved finger 22 for abutting the flat side 19 of the post. A bolt or pin 4^b passes through the post and through the brace so as to support therebetween the rod 5^b which extends through an opening 22′ provided in the base 21 and it is receivable in the anchor "A" as previously described in conjunction with rods 5 and 5^a of the other modification.

In Figures 18 and 19 I have shown a post 16 for which may be substituted any of the other modifications of the post on an anchor "A" at the corner of a fence and braced by means of a wire loop 23 which is tightened by twisting it with a stick S and the lower end of said loop is engaged with an anchor in the form of a U-shaped plate 24 at an intermediate point as at 25.

As shown in Figure 20 the post may be formed with openings 26 in and near the free edges of the post flanges, the openings of one flange being staggered with respect to those of the other flange. The runner wires 3 are held against the edges of one of the post flanges at the desired elevation by twisted wire loops 27. Additional runner wires may be disposed at the unused post openings of this figure and similarly connected to the other flange of the post.

While the preferred embodiments of my invention have been described in detail, it will be understood that I do not wish to be limited to the particular construction set forth, since various changes in the form, material, proportions, and arrangement of parts, and in the details of construction may be resorted to without departing from the spirit and scope of the invention or destroying any of its advantages.

Having thus described my invention what I claim as new is:—

1. In combination, a fence post, an anchor therefor including a sheet metal body bent to be substantially Y-shaped in elevation thus providing a double ply wing and two single ply wings, a strap attached to the single ply wings having an intermediate arcuate portion to form an opening with the wings, said fence post provided with a depending rod to be received in the opening formed by the strap and the wings, a base plate formed on the bottom of the fence post through which the rod extends, said base plate adapted to rest on the upper end of the anchor.

2. In combination, a fence post of substantially V-shaped cross section, an anchor therefor including a sheet metal body bent to be substantially Y-shaped in cross section to provide a double ply wing and two single ply wings, a strap member attached at the ends of the single ply wings and having an intermediate arcuate portion extended across the crotch formed between the wings to form an opening therewith, a supporting bar extending across between the wings of said post, and a depending rod supported from said bar and designed to be received in the opening formed by the strap and wings.

3. In combination, a fence post of substantially V-shaped cross section, an anchor therefor including a sheet metal body bent to be substantially Y-shaped in cross section to provide a double ply wing and two single ply wings, a strap attached at the end to the single ply wing and having an intermediate arcuate portion extending across the crotch formed between the wings to form an opening therewith, a plate member having central apertures formed therethrough and designed to be placed upon the top of said anchor between the same and the lower end of said posts, a supporting bar extending across between the wings of said post, and a depending rod supported from said bar and designed to extend through said apertured plate and to be received in the opening formed between said strap and said wings.

4. A fence post and setting means therefor, comprising a post body, a pin member carried by and extending transversely of the lower portion of said post, a rod member suspended from said pin and extending beyond the adjacent end of the post body, a ground engaging anchor member comprising an elongated body pointed at one end and substantially Y shaped in cross section, and a strap member attached between the adjacent faces of the wings of the Y shaped body to form a loop across the crotch thereof to receive the extended end of said rod member, said post being supported upon the other end of the anchor body when the same is set.

5. A fence post and setting means there-

for, comprising a post body, a pin member carried by and extending transversely of the lower portion of said post, a rod member suspended from said pin and extending beyond the adjacent end of the post body, a ground engaging anchor member comprising an elongated body pointed at one end and substantially Y shaped in cross section, a strap member attached between the adjacent faces of the wings of the Y shaped body to form a loop across the crotch thereof to receive the extended end of said rod member, and a base member adapted to be positioned upon the anchor member between the same and the lower end of the post and provided with a central aperture for the extension therethrough of the rod member.

In testimony whereof I affix my signature.

ARCHIE BURK.