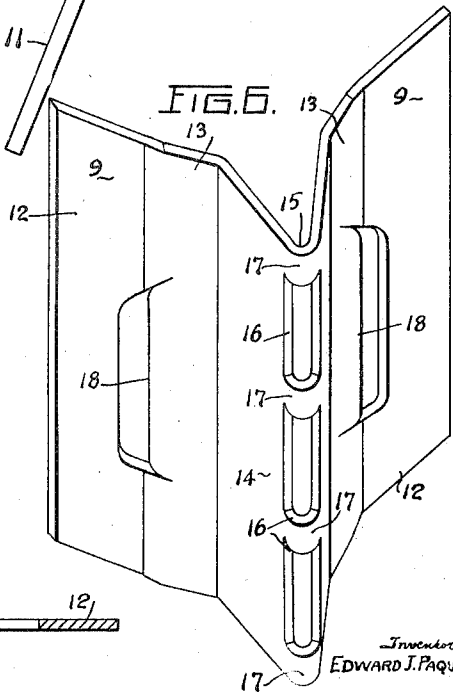
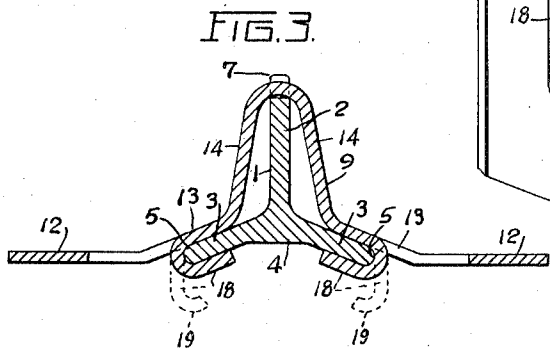
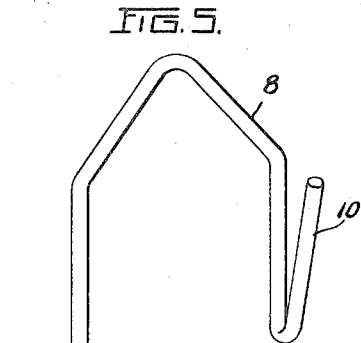
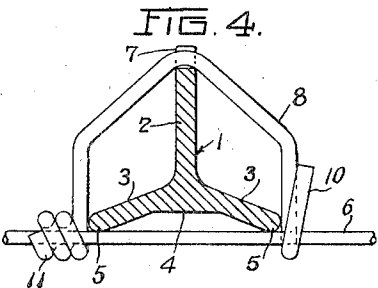
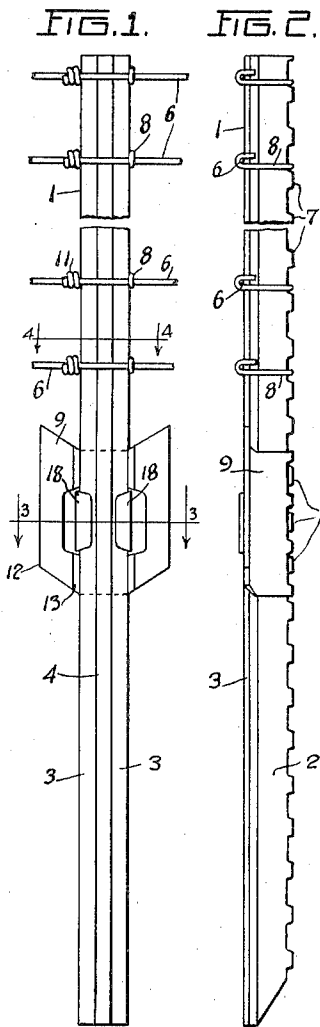


Jan. 7, 1941.

E. J. PAQUE
FENCE POST

2,227,553

Original Filed March 27, 1939 2 Sheets-Sheet 1



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FENCE POST

Original Filed March 27, 1939

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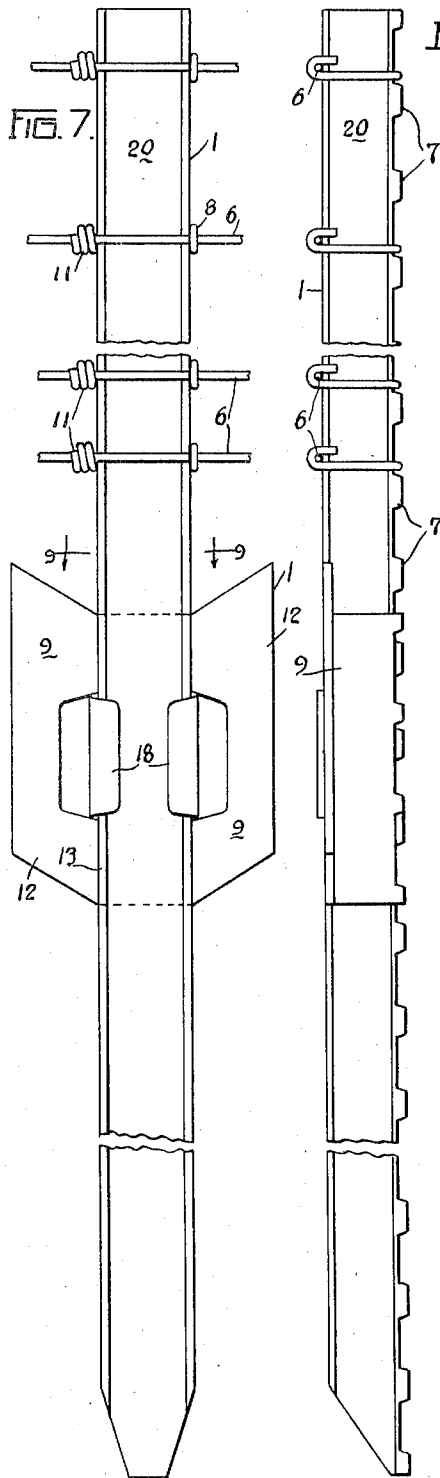


FIG. 8.

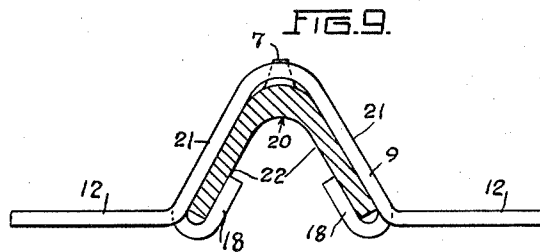


FIG. 9.

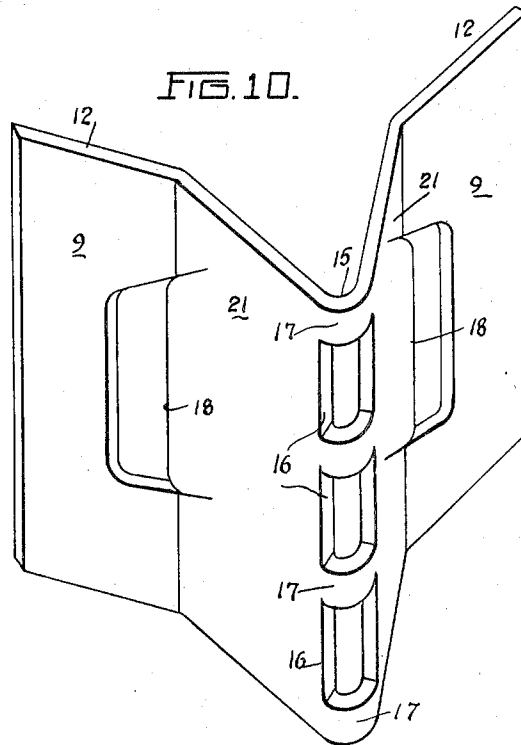


FIG. 10.

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2,227,553

FENCE POST

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Original application March 27, 1939, Serial No.
264,316. Divided and this application August
14, 1939, Serial No. 289,972

2 Claims. (Cl. 189—29)

This invention relates to a fence post and more particularly to an improved fence post wherein the anchor plate is attached to the post in a novel manner which makes for greater convenience in assembly and at the same time makes for a more rigid attachment of the anchor plate to the post than has been heretofore possible.

It is my object to provide a fence post made up of a steel post having attached thereto at an appropriate position a flat anchor plate which engages the rear face of the post member.

It is another object to provide such a fence post assembly wherein the anchor plate is secured against vertical movement by engagement with projections located on the rear edge of the post member.

It is another object to provide such a fence post assembly wherein the anchor plate is in engagement with closely spaced projections on the rear of the post member and wherein portions of the anchor plate are bent into engagement with the front face of the post member so as to lock the anchor plate into fixed engagement with the post member.

It is another object to provide such a fence post assembly wherein the rear edge of the post member is provided with a great number of rearwardly extending projections which are adapted to be engaged by one or more notches disposed in the rear face of the anchor plate whereby the anchor plate may be locked against vertical movement relative to the post member at any desired position on the post member.

It is still another object to provide a fence post assembly wherein the anchor plate is shaped to approximately conform to the configuration of the post member and is disposed around the outer rear face of the post member and is locked in engagement with the post member by having portions bent so as to contact the front face of the post member. This front face of the post member may be either parallel to the wire to be strung on the fence post or may extend rearwardly.

This application is a division of my application Ser. No. 264,316 filed Mar. 27, 1939.

Referring to the accompanying drawings:

Fig. 1 is a front elevation of a fence post assembly of this invention showing a plurality of wires disposed in engagement with the fence post and showing the anchor plate locked to the post member.

Fig. 2 is a side elevation of the assembly shown in Fig. 1.

Fig. 3 is a section of Fig. 1 along the line 3—3 thereof looking in the direction of the arrows.

Fig. 4 is a sectional view of Fig. 1 along the line 4—4 thereof looking in the direction of the arrows.

Fig. 5 is a perspective view of the clip used to secure the wire to the fence post of Figs. 1 to 4.

Fig. 6 is a perspective view of the anchor plate of Figs. 1 to 3 before the same is locked in engagement with the fence post member.

Fig. 7 is a front elevation of a modified form of fence post assembly.

Fig. 8 is a side elevation of the fence post assembly shown in Fig. 7.

Fig. 9 is a sectional view of Fig. 7 on the line 9—9 thereof looking in the direction of the arrows.

Fig. 10 is a perspective view of the anchor plate of Figs. 7 to 9 before engagement with the fence post member.

Referring to the drawings in detail and particularly to Figs. 1 to 6, reference numeral 1 represents generally a fence post member of modified T section having a rearwardly extending stem section 2 and having its front flanges 3 extending rearwardly at a slight angle before merging with the flat portion 4 which is integral with flanges 3 and stem 2. The front face of section 4 is parallel to the fence wire 6 and the fence wire 6 engages the front tips 5 of the flanges 3.

Disposed on the rear edge of the stem 2 of the fence post member is a series of closely spaced projections 7 which serve to support the fence wire 6 against vertical displacement by restraining vertical motion of the fence wire attaching clips 8. Projections 7 also serve to lock the anchor plate 9 against vertical movement in a manner which will hereinafter appear. Clip 8 is adapted to have its bent portion 10 pass around the wire 6, and to be passed around the rear face of the post member 1 between appropriate projections 7 and to then have its opposite end 11 twisted around the wire 6 one or more times whereby to lock the fence wire 6 into fixed engagement with the fence post 1 which together with its anchor plate has been driven into the ground. Following this the end 10 of clip 8 may if desired be twisted around wire 6 one or more times so as to further insure against displacement of wire 6 relative to the post 1.

Anchor plate 9 to which the present invention particularly relates is so shaped, as will be apparent from Figs. 3 and 6, that it conforms approximately with the rearward faces

of post member 1. Anchor plate 9 is provided with flat laterally extending flanges 12 which are adapted to engage the ground and which are parallel to the fence wire 6. Extending inwardly from flanges 12 are flat portions 13 which are disposed so as to parallelly engage flanges 3 of the fence post for a substantial distance inwardly thereof. Anchor plate 9 is formed so as to have portions 14 extending rearwardly from portions 13 and joining at the rearward point 15. Formed in the rear face 15 of anchor plate 9 is a series of recesses or notches 16 which are adapted to receive the projections 7 on the rear of the post member 1 so that when anchor plate 9 is disposed on the post 1 in the manner shown in Figs. 1 to 3, it is prevented from moving either up or down by appropriate projections 7 which project outwardly through recesses 16. If desired only a single recess 16 may be provided which is elongated sufficiently so as to allow anchor plate 9 to closely engage fence post 1 although this construction will not usually be desired because the construction shown with a plurality of recesses 16 better inhibits vertical movement of anchor plate 9 and makes for a stronger assembly. The portions 17 left between recesses 16 and between the end recesses 16 and the end of the anchor plate lie between the projections 7 and are adapted to engage the same thus preventing upward or downward movement of anchor plate 9.

In order to hold anchor plate 9 into firm engagement with the rear of the post 1 lugs 18 are formed by cutting out in appropriate manner the steel of sections 12 and 13. Normally these lugs are formed with a curved front portion 19 indicated in dotted lines in Fig. 3. In assembly the anchor plate 9 with projecting lugs 18 is slid downwardly over the post 1 until the desired location is reached when anchor plate 9 is moved to the front so as to cause interlocking of projections 7 and recesses 16. Lips 18 will then be clinched against the post 1 so as to engage the front face of the inwardly extending flanges 3.

If desired lips or lugs 18 may be formed so as to extend forwardly in a straight line instead of with curved end portions 19. In such case the anchor plate 9 would not have to be slid along post 1 to the appropriate position but would be merely placed in engagement with the post at the proper position and then lips 18 would be clinched against post 1 as above.

If desired a regular T section post may be employed instead of the modified T section of Figs. 1 to 4. However, the modified section as shown is preferred because of the resulting assembly is stronger and because the ends of lugs 18 are bent well inwardly and so do not objectionably project.

As a result of the use of the closely spaced projections 7 on the rear of post 1, as a result of using an anchor plate 9 which has approximately the configuration of the rear faces of post 1 and as a result of the employment of lugs formed in the anchor plate and engaging the front face of post 1, a very strong assembly results. In addition, it is possible to locate the anchor plate in any desired position with respect to the post 1 which is an advantage. Moreover, the necessity for the use of rivets for fastening

the anchor plate to the post is overcome in a highly advantageous manner. Consequently assembly procedure is simplified and the resulting fence post assembly is much stronger and longer lived than the conventional riveted assembly.

In the embodiment shown in Figs. 7 to 10 the construction is substantially the same as that of Figs. 1 to 6 except that a V section post 20 is employed, the rear edge of the V-shaped angle post 20 being provided with spaced projections 7 as before and anchor plate 9 being provided with lateral flanges 12 and with rearwardly extending portions 21 adapted to closely engage the V sections of post 20. Anchor plate 9 is provided as before with recesses 16 which are adapted to receive projections 7 and which form portions 17 which are adapted to fit between the projections 7 thus restraining vertical movement of anchor plate 9. As before, anchor plate 9 is formed with forwardly extending lugs 18 20 which after anchor plate 9 has been properly located on post 20 are clinched over against the front faces 22 of the post member 20. Thus lugs 18 after being clinched into position extend rearwardly within the post 20 where they are out of the way. Lugs 18 after they are clinched hold anchor member 9 in engagement with post 20 in the same manner as in the modification described in Figs. 1 to 6. Clips 8 are provided which are adapted to engage the fence wire 6 in the same manner as that described above in connection with Figs. 1 to 6 and are adapted to be restrained against vertical movement by projections 7 which are formed as before on the rear edge of the post 20 and which are spaced the same distance apart as those projections which engage anchor plate 9.

It will be understood that I desire to comprehend within my invention such modifications as may be necessary to adapt the same to varying conditions and uses.

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

1. A fence post assembly comprising a fence post member of substantially V-shaped cross-section having projections extending outwardly from the apex thereof, an anchor plate having a V-shaped body portion embracing said post and comprising laterally extending flanges on each edge of the body portion, slots formed in the apex of said body portion receiving said projections, a pressed tongue projecting from each of said flanges, said tongues being bent over the edges and engaging the forward inner faces of said V-shaped post.

2. A fence post assembly comprising a fence post member of substantially V-shaped cross-section having projections extending outwardly from the apex thereof, an anchor plate having a V-shaped body portion substantially conforming to the outside face of said fence post member and having laterally extending flanges on each edge of the body portion in the plane of the forward tips of the ends of the V, slots formed in the apex of said body portion receiving said projections, and a tongue projecting from each of said flanges, said tongues being bent over the edges and engaging the forward inner faces of said V-shaped post.

EDWARD J. PAQUE.