June 30, 1931. J. G. OSBORNE ET AL 1,811,892

WIRE FASTENING MEANS

Filed Jan. 7, 1929

Fig. 1.

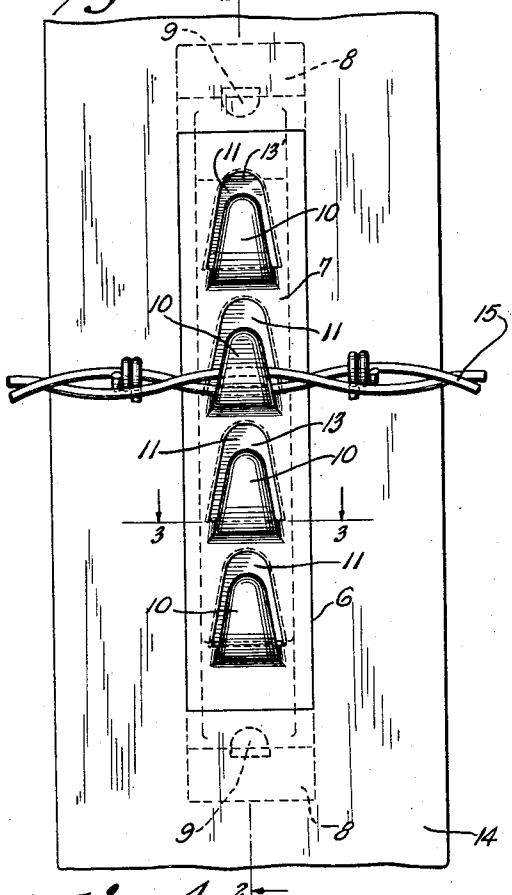


Fig. 2.

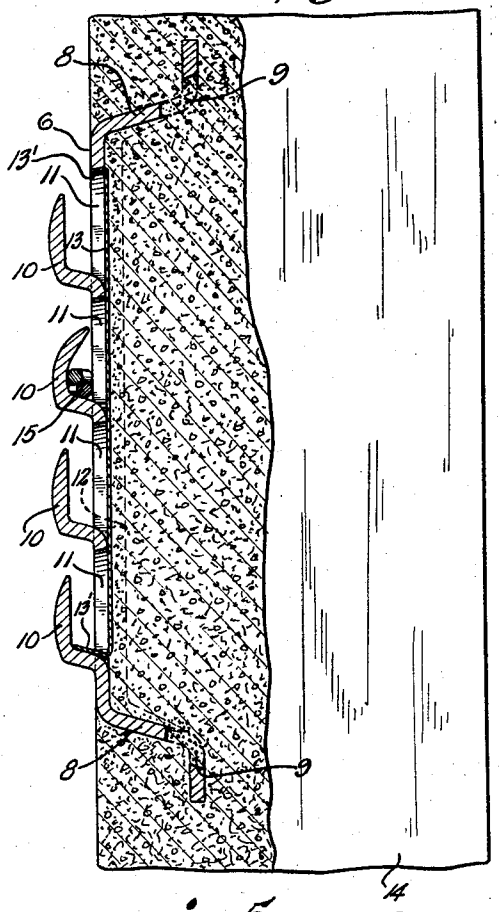


Fig. 4.

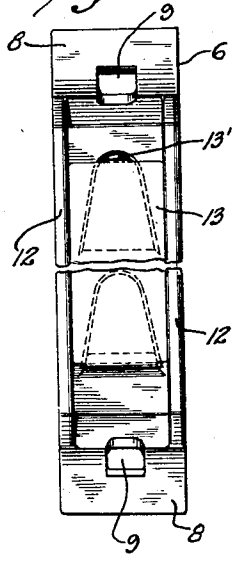


Fig. 3.

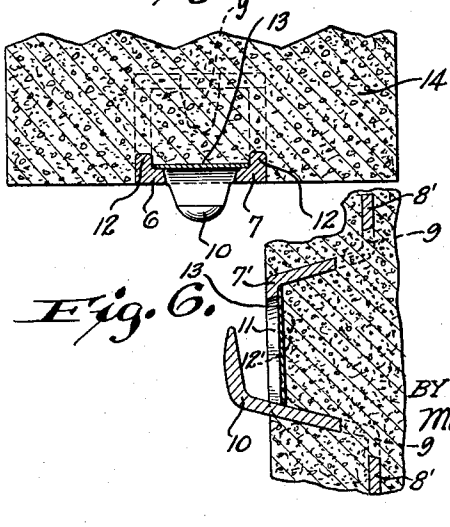


Fig. 5.

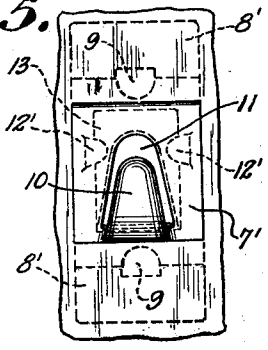


Fig. 6.

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UNITED STATES PATENT OFFICE

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WIRE FASTENING MEANS

Application filed January 7, 1929. Serial No. 330,743.

This invention relates to improvements in wire fence anchoring means.

It is the primary object of the present invention to provide a simple and effective means for anchoring wire fence strands to fence posts.

A further object of the invention is to provide fence strand anchoring means of the class described in which connections between the strands and the anchoring means may be effected very quickly and easily and in which the strands are securely held against loosening in their anchored positions.

A further object of the invention is to provide fence strand anchoring members which may be applied to either concrete or wooden posts.

A further object of the invention is to provide a wire fence anchoring means which is of very simple construction, is inexpensive to manufacture, is strong and durable, and is well adapted for the purposes described.

With the above and other objects in view the invention consists of the improved wire fence anchoring means, and its parts and combinations as set forth in the claims, and all equivalents thereof.

In the accompanying drawings in which the same reference characters indicate the same parts in all of the views:

Fig. 1 is a fragmentary front view of a concrete fence post with an anchoring member cast therein, the latter engaging a wire fence strand to anchor it to the post;

Fig. 2 is a vertical sectional view taken on line 2—2 of Fig. 1;

Fig. 3 is a cross-sectional view taken on line 3—3 of Fig. 1;

Fig. 4 is a rear view of the anchoring member;

Fig. 5 is a front view illustrating a modified form of anchoring member; and

Fig. 6 is a vertical sectional view thereof.

Referring now particularly to the drawings it will appear that the wire fence strand anchoring member, indicated generally by the numeral 6, is in the form of a narrow, elongated strip formed preferably of malleable iron. Said member is provided with an intermediate body portion 7 and angularly bent end portions 8. The extreme end portions 8 are provided with apertures 9 for the purpose hereinafter to be more fully referred to. The body portion 7 of the member is formed with outwardly struck tongues or lips 10 which are readily bendable or malleable. Also, the body portion, above each tongue or lip, is provided with an enlarged opening or recess 11. The side edges of the rear of the body portion 7 are formed with outwardly or rearwardly projecting ribs 12, which ribs terminate short of the extreme end portions 8 of the anchor member.

If the anchor member is to be used with a concrete fence post, it is cast directly in the post, as shown in Figs. 2 and 3. When so cast, a sheet metal plate 13 is placed against the rear face of the body portion of the anchor member between the side ribs 12 thereof. Said plate is held in this position by means of angularly bent end tongues 13′ which extend through the uppermost and lowermost openings 11, engaging the end walls thereof. The anchor member, as mentioned, is cast in the concrete post 14, and said plate 13 prevents the entrance of concrete into the openings 11. When cast the angularly bent end tongues 8 of the anchor member will be imbedded deeply in the post while the outer surface of the body portions 7 of the anchor member will be flush with the outer surface of the post. Originally all of the tongue or lip members 10 are outwardly projecting and to anchor a wire strand 15 of a fence, a portion of said strand is engaged between the lip 10 and the body portion 7. Then, the lip 10 is hammered or bent inwardly toward its recess 11 as shown in Figs. 1 and 2, thereby securing the fence strand 15 to the post and clamping it against movement or loosening.

It is also contemplated that the improved anchor may be used with wooden posts and for that purpose the apertures 9 are provided in the end portions 8 of the anchor. To attach the anchor member to a wooden post the angularly bent portions 8 are placed against the surface of the same, with the anchor member positioned vertically, and nails, screws or like securing means are

passed through the openings 9 into the stock of the post.

In Figs. 5 and 6 a slight modification of the invention is illustrated wherein the mid-portion 7′ of the plate is comparatively short, and but one bendable tongue 10 is provided thereon, with a corresponding opening 11 thereadjacent. The rear surface of the portion 7′ is formed with a pair of opposed bendable tabs 12′, and to prevent the entrance of concrete into the opening 11 a plate 13 is positioned as shown and said tabs are bent over on the plate to hold it in position.

From the foregoing description it will be seen that the improved anchoring member provides a very efficient means for quickly and positively securing one or more wire fence strands to a post. Furthermore, the device is of simple and novel construction, and is well adapted for the purposes described. What is claimed as the invention is:

1. The combination with a concrete fence post, of a metallic anchoring member cast therein, said member having integral inwardly off-set angular end portions imbedded deeply in said post, and the outer surface of the major portion of said member being substantially flush with the outer surface of the post, longitudinal ribs formed on the rear of said anchoring member along its side edges, a plate secured against the rear face of said anchoring member between said ribs and separating the rear face of the anchoring member from the concrete of the post, a plurality of integral spaced, curved bendable tongues outwardly off-set from the front portion of said anchoring member and extending longitudinally of said post, said anchoring member being formed with enlarged openings, adjacent each tongue closed on the inner sides by said plate, and a wire fence strand engaged between one of said tongues and the anchoring member, said tongue being bent toward the anchoring member to clamp the strand between the same and the tongue.

2. A fence strand anchoring member, comprising an elongated metallic plate formed with integral inwardly offset securing end portions and having a plurality of integral outwardly offset bendable tongues extending longitudinally of the plate, the plate being formed with enlarged openings adjacent each tongue and also having integral longitudinal ribs along its rear side edges, and a secondary plate coacting directly with said elongated plate between said ribs and extending longitudinally to cover the inner ends of said openings.

In testimony whereof, we affix our signatures.

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