

E. H. E. THIEROFF.
FENCE POST.
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972,733.

Patented Oct. 11, 1910.

Fig 1.

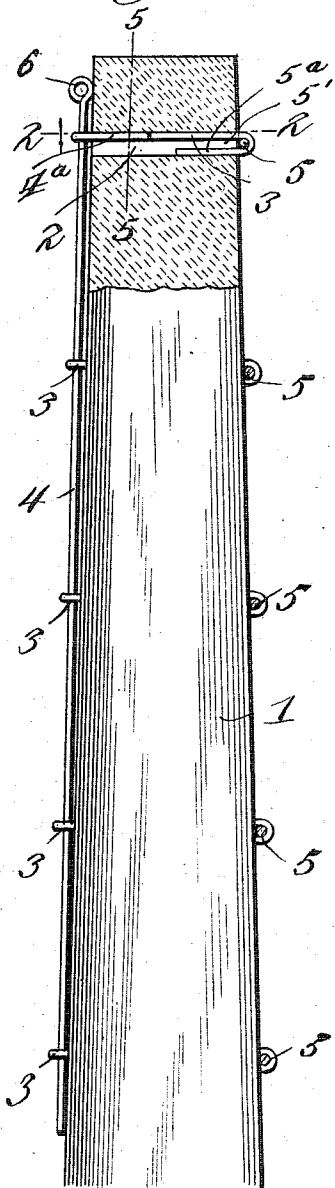


Fig 2.

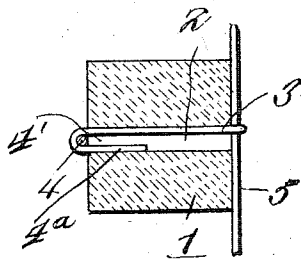


Fig 3.

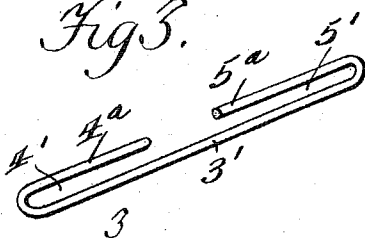
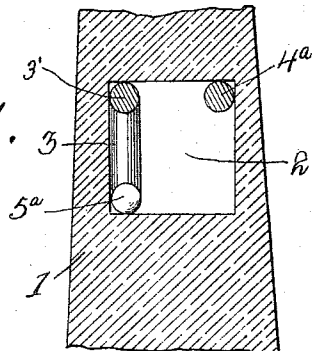


Fig 4.



Witnesses

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UNITED STATES PATENT OFFICE.

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FENCE-POST.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, EDWIN H. E. THIEROFF, a citizen of the United States, residing at Defiance, in the county of Defiance and State of Ohio, have invented new and useful Improvements in Fence-Posts, of which the following is a specification.

This invention relates to fastenings for concrete fence posts, and the object of the invention is to provide a device of this character which will securely hold the wire in its adjusted position on the post but allow the wire in its contraction or expansion, incident to changes of temperature to move independently of the fastenings, preventing the latter from becoming distorted and preventing injury to the wire fence structure and also to the post.

A still further object of the invention is to construct a post having a passage of rectangular form in transverse section and of a same diameter throughout its entire length and to construct a fastening conforming substantially in configuration to exactly one-half of the passage, the said fastening being formed from a single length of metal which is bent at its opposite ends to provide hooks which are offset in opposite directions to engage a right angularly disposed wall or passage together with the main body of the fastening so that the latter will be effectively held in its adjusted position.

Another object of the invention is to provide a fastening which will be somewhat elastic so as to give to an extent to movements of the fence structure.

In the drawing, forming a portion of this specification and in which like numerals of reference indicate similar parts in the several views:—Figure 1 is a side elevation of a fence post provided with my improved fastening device, parts being shown in section to clearly illustrate the invention. Fig. 2 is a horizontal section taken on the line 2—2 of Fig. 1. Fig. 3 is a perspective view of the fastening. Fig. 4 is a detail vertical section taken on the line 5—5 of Fig. 1.

The fence post 1 is formed of plastic material such as concrete or the like and it has formed therein passages 2 which open on the front and rear faces of the post. These passages are each of an equal diameter throughout and of rectangular form in transverse section. Fitting in each passage is a fastening 3 which is formed from a single length of material preferably suitable

wire. The wire is formed to provide a longitudinally extending main body portion 3' whose opposite ends are bent to form hooks 4' and 5'. These hooks lie in opposite directions and are at right angles to each other so that when the fastening is placed in the passage of the post the tongue 4^a of the hook 4' will lie directly against the top wall of the passage and the tongue 5^a of the hook 5' will lie directly against one side wall of the passage. This construction is such that the fastening is braced by the walls and rotary movement of the fastening is effectively prevented. The tongues of the herein described hooks of the fastening are spaced from the main body portion 3' to render the structure elastic allowing the same to give to an extent in certain movements of the fabric parts or line wires of a fence structure.

The construction of the device as described is such that each fastening is formed to provide a horizontal passage for the reception of the line wire 5 and a vertical passage for the reception of a locking rod 4. The locking rod is formed at its upper end to provide a head 6 for convenient manipulation of the rod as is obvious. In fence structures where spaced line wires or a metal structure of gauze or the like is employed it is necessary that a fastening be employed of a form which will permit expansion and contraction of the wire, otherwise the fastening would be distorted or the fence structure would be ruptured or damaged to a considerable extent. From the construction of the article described it will be seen that the wire while being effectively associated with the post and held thereto in its adjusted position will be free for movements under contraction and expansion of the metal.

I claim:—

In a wire fastener for fence posts, a post having a passage therein of the same diameter throughout, the said passage being of rectangular configuration in transverse section and opening on opposite sides of the post, a wire-engaging fastener removably mounted in the passage and constructed from a single length of metal and formed to provide a longitudinally extending main body portion which is seated approximately throughout its entire length against the upper wall of the passage, the said metal being bent at its opposite ends to form hooks which extend in opposite directions and lie at right

angles to each other, the tongue of one hook
underlying a minor portion of the main body
of the fastener and seated against the bottom
wall of the passage and the other hook hav-
5 ing its tongue arranged in a horizontal plane
with the main body of the fastener and
seated against one side wall of the passage,
the said tongues being spaced from the main
body of the fastener so as to take advantage
10 of the elasticity of the metal, one of the
hooks being arranged for the reception of
the line wire of the fence and holding such
line wire in its adjusted position but out of

clamping or gripping engagement with the
post, and a removable fastening having a 15
main locking portion of the same transverse
diameter throughout engaged with the oppo-
site hook of the fastener to hold the same
against displacement from the post.

In testimony whereof I affix my signature 20
in presence of two witnesses.

EDWIN H. E. THIEROFF.

Witnesses:

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