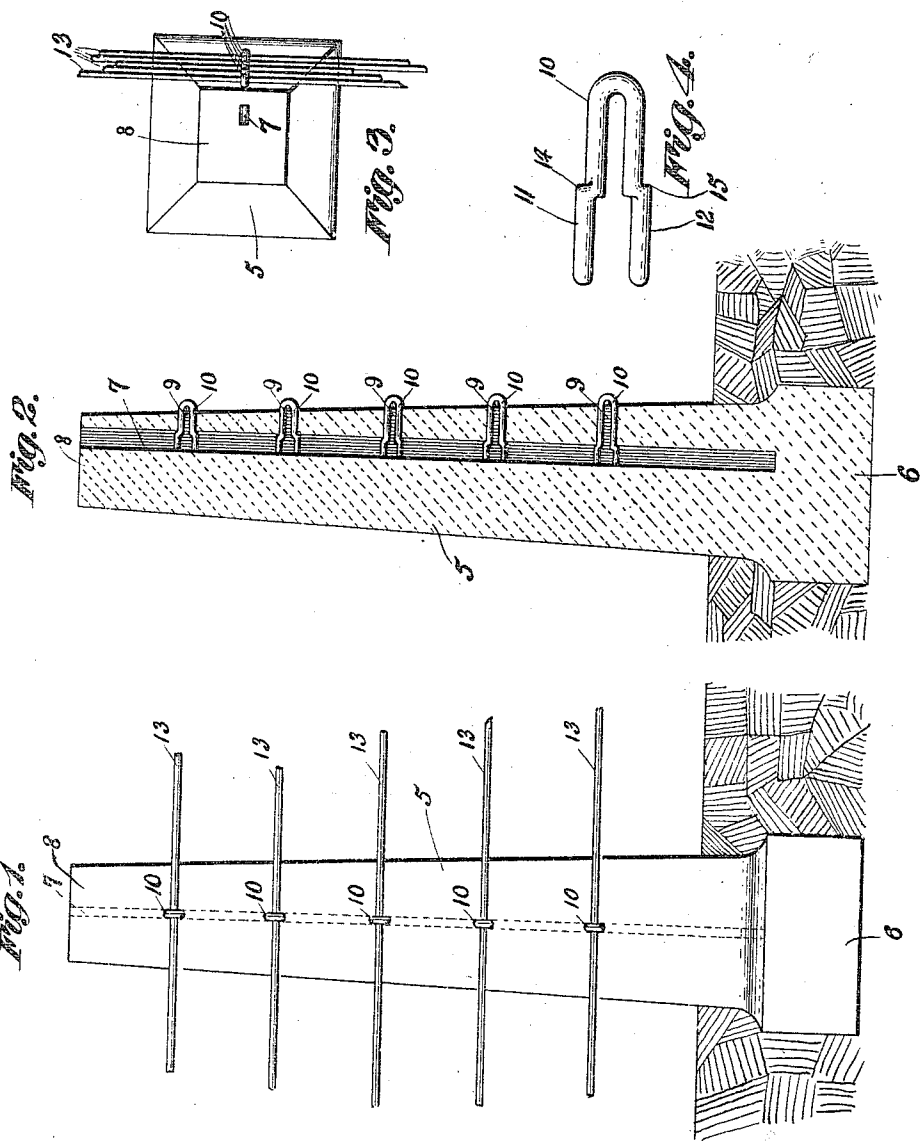


J. LIFE.
WIRE FASTENER.
APPLICATION FILED MAY 14, 1909.

959,766.

Patented May 31, 1910.



Witnesses

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Remedy

UNITED STATES PATENT OFFICE.

JACOB LIFE, OF RIDGEVILLE, INDIANA, ASSIGNOR OF ONE-HALF TO LEWIS LIFE, OF RIDGEVILLE, INDIANA.

WIRE-FASTENER.

959,766.

Specification of Letters Patent.

Patented May 31, 1910.

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To all whom it may concern:

Be it known that I, JACOB LIFE, a citizen of the United States, residing at Ridgeville, in the county of Randolph, State of Indiana, have invented certain new and useful Improvements in Wire-Fasteners; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in fence posts, and more particularly to the concrete type.

It has for its object the provision of an improved form of fastener which is adapted to engage with a fence post and suitably secure a wire thereto.

With the above and other objects in view as will more fully hereinafter appear, the present invention consists in certain novel details of construction and arrangement of parts, hereinafter fully described, illustrated in the accompanying drawings and more particularly pointed out in the appended claim. It being understood that various changes in the form, proportion, size and minor details of the device may be made without departing from the spirit or sacrificing any of the advantages of the invention.

In the accompanying drawings forming part of the specification:—Figure 1 is a front elevation of a post and showing my improved device applied thereto. Fig. 2 is a vertical sectional view taken through a post and showing my device in side elevation and applied to said post. Fig. 3 is a plan view of a post and showing the outer ends of the wire fasteners. Fig. 4 is a detailed side elevation of the fastener.

Similar numerals of reference are employed to designate corresponding parts throughout.

It is well known with most concrete fence posts now in use the fastening members are either driven into the concrete or a wooden strip is embedded into the concrete to receive the fasteners. This construction has many disadvantages, chief among which is that it is difficult to remove the fasteners when necessary to renew the fence wires. The present invention therefore aims to remedy

these defects by providing a post wherein the fasteners may be readily attached and detached.

As shown in the drawings the post is designated in general by the numeral 5 and is shown to be of concrete or like material. It is to be understood, however, that I am not to be limited to this specific material, since from what will appear later it will be understood how the post can be of any material suitable for the purpose. The contour of the post is shown to correspond substantially to a truncated pyramid having an enlarged base, which is designed to be embedded in the ground as shown in the drawings.

Disposed to one side of the vertical center of the post is a vertical opening 7. This opening extends from the upper base 8 of the post to a point adjacent the lower base 6, and as shown in Fig. 3 is substantially rectangular in contour.

By referring now to Fig. 2 it will be seen that a plurality of openings 9 are formed in one face of the post and extend inwardly horizontally and terminate in the opening 7. As shown in the drawings these openings are spaced apart and lie in a vertical plane, and are adapted to receive the fastener members. Each of the latter is preferably formed of a single piece of steel wire or the like as shown and bent into a U shape as shown at 10. Each fastener is of a length somewhat greater than the distance between the inner side wall of the opening 7 and outer end of the horizontal opening 9, so that when it is secured in place with the terminals of its limbs 11 and 12, bearing on the inner side wall of the opening 7, its opposite end will project slightly beyond the face of the post and present an opening for the reception of the fence wire 13. In order that the fasteners may be held against displacement within the opening 9, their limbs 11 and 12 are provided adjacent their intermediate portions with outwardly extending off-sets 14 and 15. These off-sets constitute shoulders which are adapted to bear on the front wall of the opening 7. It is to be understood that the limbs 11 and 12 between their terminals and the off-set portions 14 and 15 are spaced apart for a distance somewhat greater than the width of the opening 9, so that in order to insert the fastener

into the opening 9 it will be necessary to compress, or to bring the limbs 11 and 12 into close engagement. In this position they are driven through the horizontal opening 5 9 until the off-sets have cleared the inner ends of the openings, when, owing to the resiliency of the fasteners the arms will spring apart and the off-sets or shoulders 14 and 15 bear on the front side of the opening 7. When the parts are in this position 10 it will be seen that they will be firmly held against displacement by virtue of the shoulders 14 and 15. When it is necessary to disengage the fasteners in order to renew the 15 wires, all that will be necessary to do is to compress the fasteners by means of a suitable implement which may be driven between one of their limbs and the wall of the opening 9.

20 It is clear that the free extremities of the fastener being arranged in parallelism engage the end walls of the slots when the fastener is being inserted in the post and permit of the fastener being readily driven 25 into position with a hammer or similar tool without the operator being compelled to hold the fastener steady with one hand while

driving the fastener as is necessary where the fastener is V shaped in outline.

Thus it will be seen that I have provided 30 a device which is comparatively simple in structure and inexpensive to manufacture, embodying few parts and that the parts may be operated with little or no difficulty.

Having thus described my invention what 35 is claimed as new, is:—

The combination with a fence post having an interior longitudinal recess, and having a slot leading outwardly from said recess and opening through the wall of the post, 40 of a resilient wire staple the legs of which are parallel and engage the end walls of said slot, said legs being bent at right angles for a portion of their length and forming shoulders that snugly engage the front walls 45 of said recess, and are thence extended approximately parallel and disposed in said recess.

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

JACOB LIFE.

Witnesses:

AMBROSE VANNOTE,
WILLIAM B. LIFE.