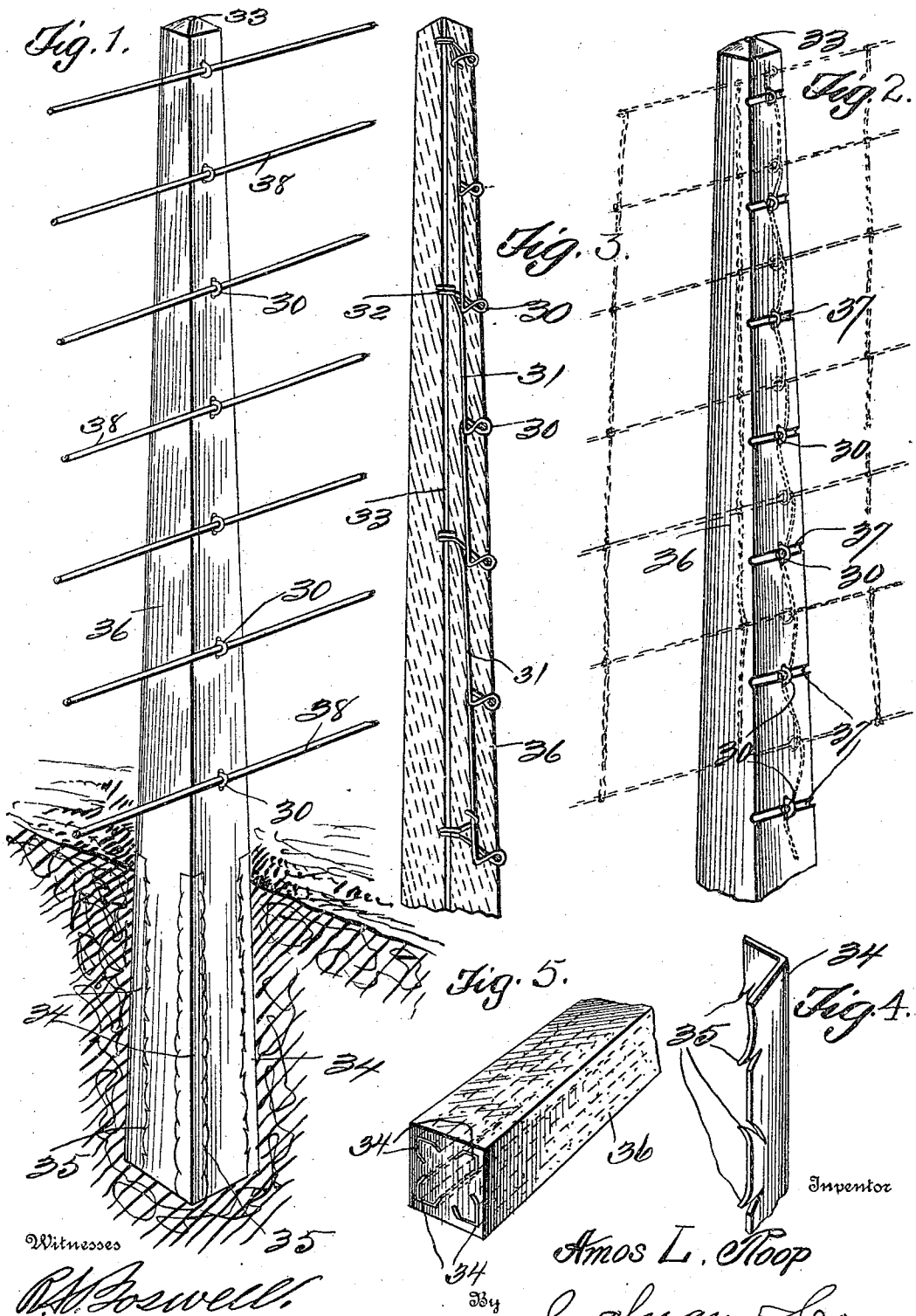


A. L. ROOP.
FENCE POST.
APPLICATION FILED OCT. 6, 1908.

949,090.

Patented Feb. 15, 1910.



Witnesses

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AMOS L. ROOP, OF VAN WERT, OHIO.

FENCE-POST.

949,090.

Specification of Letters Patent.

Patented Feb. 15, 1910.

Application filed October 6, 1908. Serial No. 456,392.

To all whom it may concern:

Be it known that I, Amos L. Roop, a citizen of the United States, residing at 615 North Washington street, in the city of Van Wert, county of Van Wert, and State of Ohio, have invented certain new and useful Improvements in Fence-Posts, of which the following is a specification.

This invention relates to certain new and useful improvements in fence posts of cement, concrete or other plastic material.

It has for its objects among others to provide a strong, durable cement post in which the embedded wire is located well in the post where it is not liable to be pulled out or disconnected from the post by sudden strains upon the fence wires or from other causes.

It has for a further object to provide a fence post having a substantially central longitudinal opening formed by means employed to hold the embedded wire in place during molding of the post, but afterward withdrawn, said longitudinal opening providing a vent in freezing weather from below the frost, which aids in the protection of the post against freezing or bursting off at the ground line in cold weather. The post may some times be reinforced by metallic corner pieces embedded therein.

Other objects and advantages of the invention will hereinafter appear and the novel features thereof will be particularly pointed out in the appended claims.

The invention is clearly illustrated in the accompanying drawings, which, with the numerals of reference marked thereon, form a part of this specification, and in which—

Figure 1 is a perspective view of the post in position showing the fence wires attached. Fig. 2 is a perspective view of the upper portion of the completed post. Fig. 3 is a substantially central longitudinal section through Fig. 2. Fig. 4 is a perspective view of one of the corner reinforcing strips. Fig. 5 is a perspective detail.

Like numerals of reference indicate like parts throughout the several views.

Referring to the drawings 36 is the post complete as seen in Fig. 2. It is formed of cement, concrete or the like, and if, desired, at its base and for any desired height it may be reinforced at the corners by metal reinforcing strips 34 which are cast in position when the post is formed, said metal reinforces having the barbs or projections 35

for facilitating their retention in position on the post.

The post is formed with a small central opening 33, centrally and longitudinally of the post, giving the latter when placed in the ground a vent in freezing weather from below the frost line, which aids in the protection of the post and prevents it breaking or bursting off at the ground line. This plastic fence post has the fastening wire 31 embedded therein to one side of the longitudinal center of the post, and this fastening wire has vertically disposed loops 30 at intervals and projecting through the face of the post and with coils 32 disposed horizontally and extending within the post to the center thereof. The vertical portions of this fastening wire are provided with loops intermediate the first-named loops and also disposed vertically and extending through the front face of the post to receive the horizontal line wires of a fence, all as clearly shown in the drawings. In Fig. 2 the post is shown as provided with substantially semi-circular transverse grooves 37 to receive the fence wires 38 which latter project through the projecting loops 30 of the embedded wire. The reinforces 34 may be entirely embedded within the post, as seen in Fig. 5.

In Fig. 2 I have shown by dotted lines how the post may be used in connection with a wire fence, the longitudinal strands of which do not come coincident with the grooves 37 in the face of the post.

From the above it will be seen that I have provided a novel form of post having means to prevent injury thereto by frost or cold weather, and one in which the fastening wire is firmly embedded and so disposed that it cannot be displaced by strains upon the fence wire.

What is claimed as new is:—

1. A plastic fence post formed with a longitudinal substantially centrally disposed opening extending entirely therethrough and open at both ends, and a fastening wire embedded in said post to one side of said central opening and having at intervals portions extending in opposite directions, with coils encircling said opening and loops projecting through the face of the post.

2. A plastic fence post formed with a longitudinal substantially centrally disposed opening extending entirely therethrough and

- open at both ends, and a fastening wire embedded in said post to one side of said central opening and having at intervals portions extending in opposite directions, with
5 coils encircling said opening and loops projecting through the face of the post, and loops projecting through the face of the post at points intermediate the first-named loops and intermediate said coils.
- 10 3. A plastic fence post formed with a longitudinal substantially centrally disposed opening extending entirely therethrough and open at both ends, and a fastening wire embedded in said post and having at intervals
15 portions extending in opposite directions, with coils encircling said opening and vertically disposed loops projecting through the face of the post, the longitudinal portions of said wire being disposed within the material
20 of the post between said opening and the face of the post.
- 25 4. A plastic fence post formed with a longitudinal substantially centrally disposed opening extending entirely therethrough and open at both ends, and a fastening wire embedded in said post and having at intervals portions extending in opposite directions, with coils encircling said opening and vertically disposed loops projecting through the face of the post, and vertically disposed loops projecting through the face of the post at points intermediate the first-named loops and intermediate said coils, the longitudinal portions of said wire being disposed within the material of the post between said opening and the face of the post.
5. As an improved article of manufacture, a plastic fence post having a fastening wire embedded in said post to one side of the center thereof, said fastening wire having vertically disposed members with loops at intervals disposed vertically and projecting through the face of the post and with coils disposed horizontally and extending within the post to the center thereof, said vertical portions of the fastening wire being provided with loops intermediate the first-named loops and also disposed vertically and extending through the front face of the post to receive the horizontal line-wires of a fence.

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Witnesses:

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