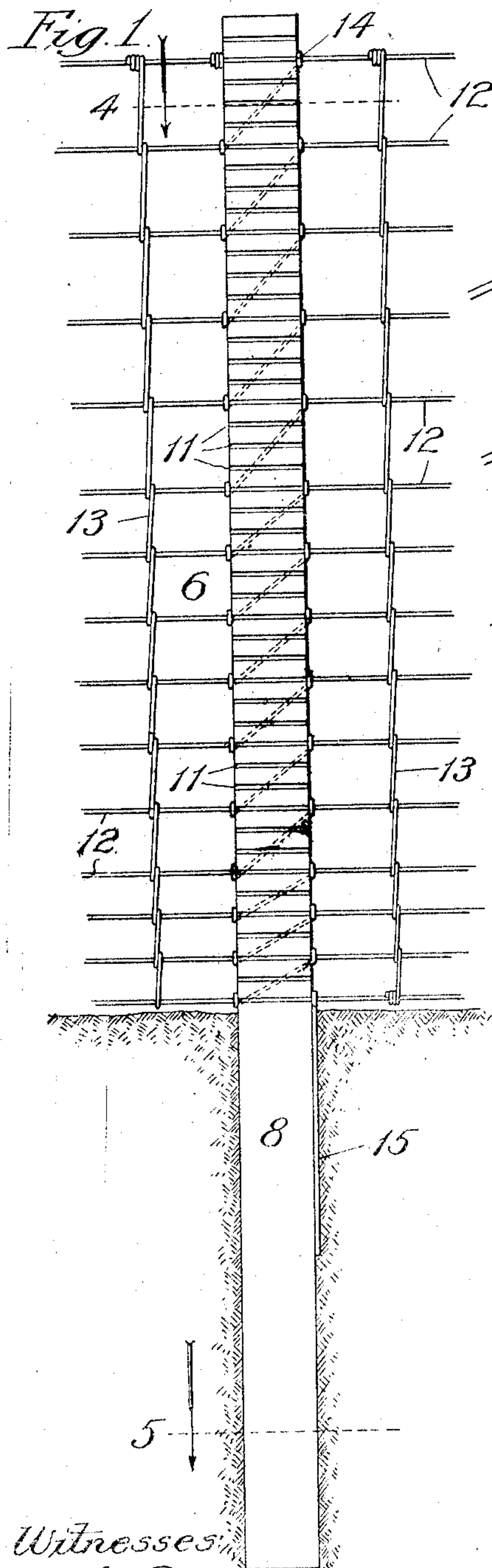


No. 883,491.

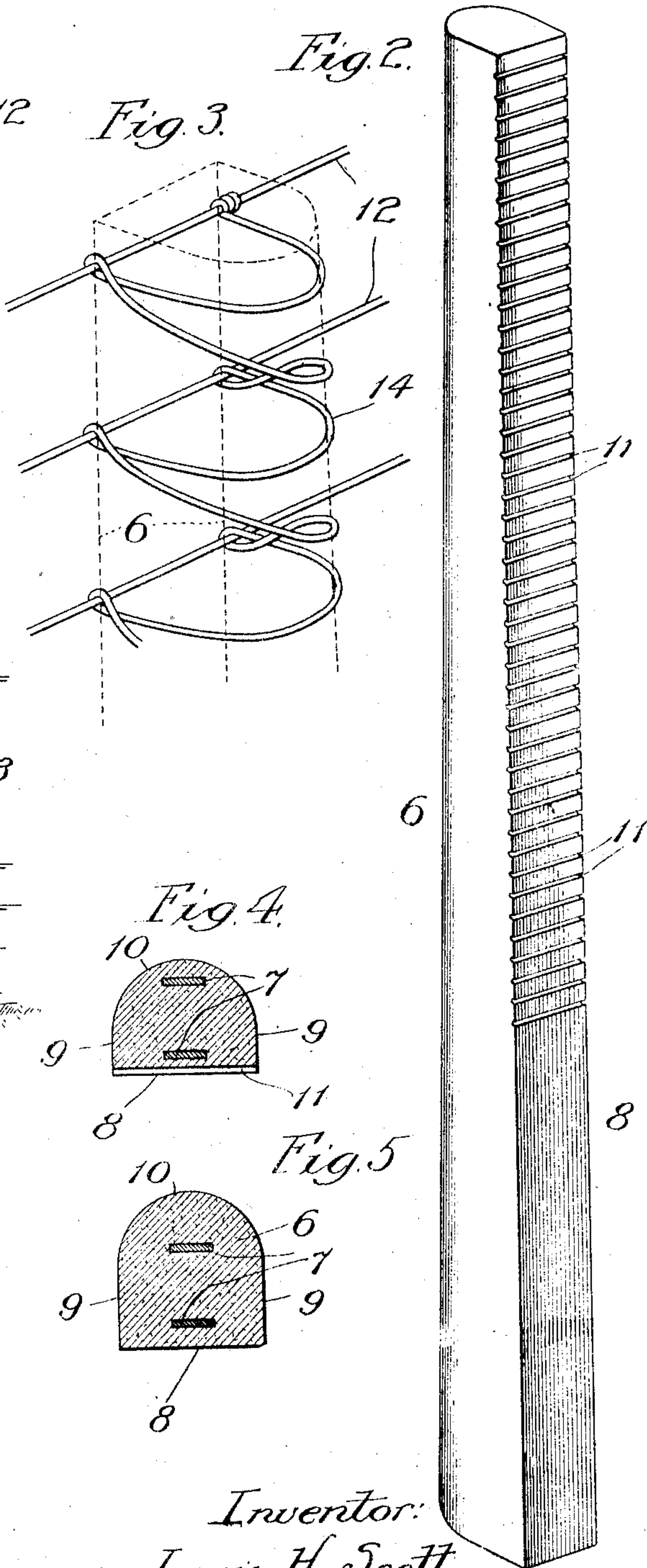
PATENTED MAR. 31, 1908.

L. H. SCOTT.
FENCE POST.

APPLICATION FILED JAN. 16, 1908.



Witnesses:
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UNITED STATES PATENT OFFICE.

LOUIS H. SCOTT, OF PRINCETON, ILLINOIS.

FENCE-POST.

No. 883,491.

Specification of Letters Patent.

Patented March 31, 1908.

Application filed January 16, 1908. Serial No. 411,151.

To all whom it may concern:

Be it known that I, LOUIS H. SCOTT, a citizen of the United States, residing at Princeton, in the county of Bureau and State of Illinois, have invented a new and useful Improvement in Fence-Posts, of which the following is a specification.

My object is to provide a concrete, or reinforced concrete, fence-post, more especially for wire fences and of an improved construction which adapts it for holding either mesh wire fencing or fencing formed of separate and longitudinally extending wires only; and my object is further to provide simple and improved means for fastening the fence wires securely to the posts.

Referring to the drawing—Figure 1 is a broken view showing my improved post in front elevation sustaining a mesh-wire fence; Fig. 2, a perspective view of the post; Fig. 3, an enlarged perspective illustration of the manner of fastening the fence wires to the post; and Figs. 4 and 5, enlarged sections of the post taken, respectively, on lines 4 and 5 in Fig. 1.

The post 6 is molded from suitable concrete, and preferably reinforced by two embedded metal bars 7 in a common manner. It is formed with a flat front face 8, flat sides 9—9 at right angles to the front and tapering from the base to the top, and a rounded back 10. The shape of the post described is an important feature of my invention. It not only renders the post symmetrical and attractive in appearance but, as the strain upon the post in use is more especially in the direction transversely of the fence, it properly apportions the strain-resisting quality of the post with economy in material while maintaining the fence wires parallel in the vertical plane. The face 8 and sides 9 permit the ready application of a spirit level, or the like, to insure the posts being set vertically in the ground.

Formed in the front or face 8 of the post and extending from near the ground line to the top thereof is a series of shallow horizontal grooves 11, which in practice are approximately one inch from center to center. These grooves are adapted to receive the horizontal fence wires 12, and being so close together they will either register exactly with all of the fence wires or permit them to be sprung into the grooves without bending the vertical or stay wires 13.

The means for fastening the fence wires to

the posts consist of a length of flexible bending wire 14 which is first secured to the top wire 12 at one side of the post, then passed across the sides 9 and back 10 of the post and looped, from the underside around the same wire 12, then passed downward across the sides 9 and back 10 to the next lower wire 12, around which it is looped from the lower side first at one and then the other side of the post, and so on, as illustrated in Fig. 3. As the binding wire is looped around the strands 12 it is drawn taut to fasten them firmly in the respective grooves 11. The wire 14 should be long enough to fasten all the strands to the post as described and leave a length 15 sufficient to pass well into the ground and thus operate as a lightning arrester.

It is desirable that the fence wire shall be fastened to the posts with great rigidity as well as security in order, for one reason, that the slight swaying of the wires under the action of the wind, may not cause them to become worn and weakened by abrasion against the posts. The flat perpendicular face 8, which is in the form of a parallelogram, permits the stretched wires 12 to hug closely the grooves 11, and the round back 10 and flat sides 9 present no corners to the binding wire which would interfere with its being drawn perfectly taut.

What I claim as new, and desire to secure by Letters Patent, is—

1. In combination, a concrete fence-post having a flat face formed with a series of grooves and a rounded back portion, a vertical series of fence-wire strands crossing the face in said grooves, and means for fastening said strands in place comprising a single wire fastened at one end to the upper strand at one side of the post, passing thence across said back portion to the other side of the post where it is looped around the same strand, passing thence across said back portion to the next lower strand around which it is looped first at one and then the other side of the post, the strands being all thus fastened in succession by the wire looped around them at opposite sides of the post, in the manner set forth.

2. In combination, a concrete fence-post having a flat face formed with a series of grooves and a rounded back portion, a vertical series of fence-wire strands crossing the face in said grooves, and means for fastening the said strands in place comprising a single

wire fastened at its upper end to the upper strand at one side of the post, passing thence across said back portion to the other side of the post where it is looped around the same
 5 strand, passing thence across said back portion to the next lower strand around which it is looped first at one and then at the other side of the post; the strands being all thus fastened in succession by the wire looped

around them at opposite sides of the post in 10 the manner set forth, the lower end of said single wire being embedded in the ground to form a lightning arrester.

LOUIS H. SCOTT.

In presence of—

C. F. SCOTT,
 M. E. NELSON.