

No. 709,224.

W. R. JOHNSON.

Patented Sept. 16, 1902.

FENCE POST.

(Application filed Apr. 19, 1902.)

(No Model.)

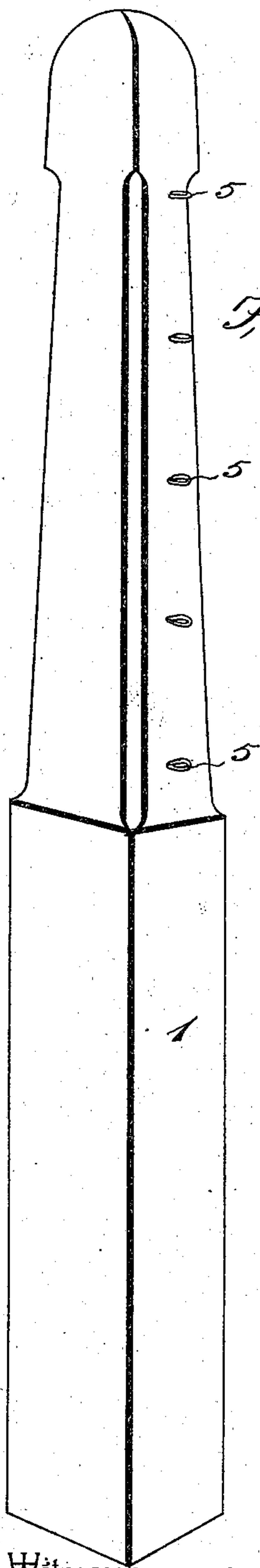


Fig. 1.

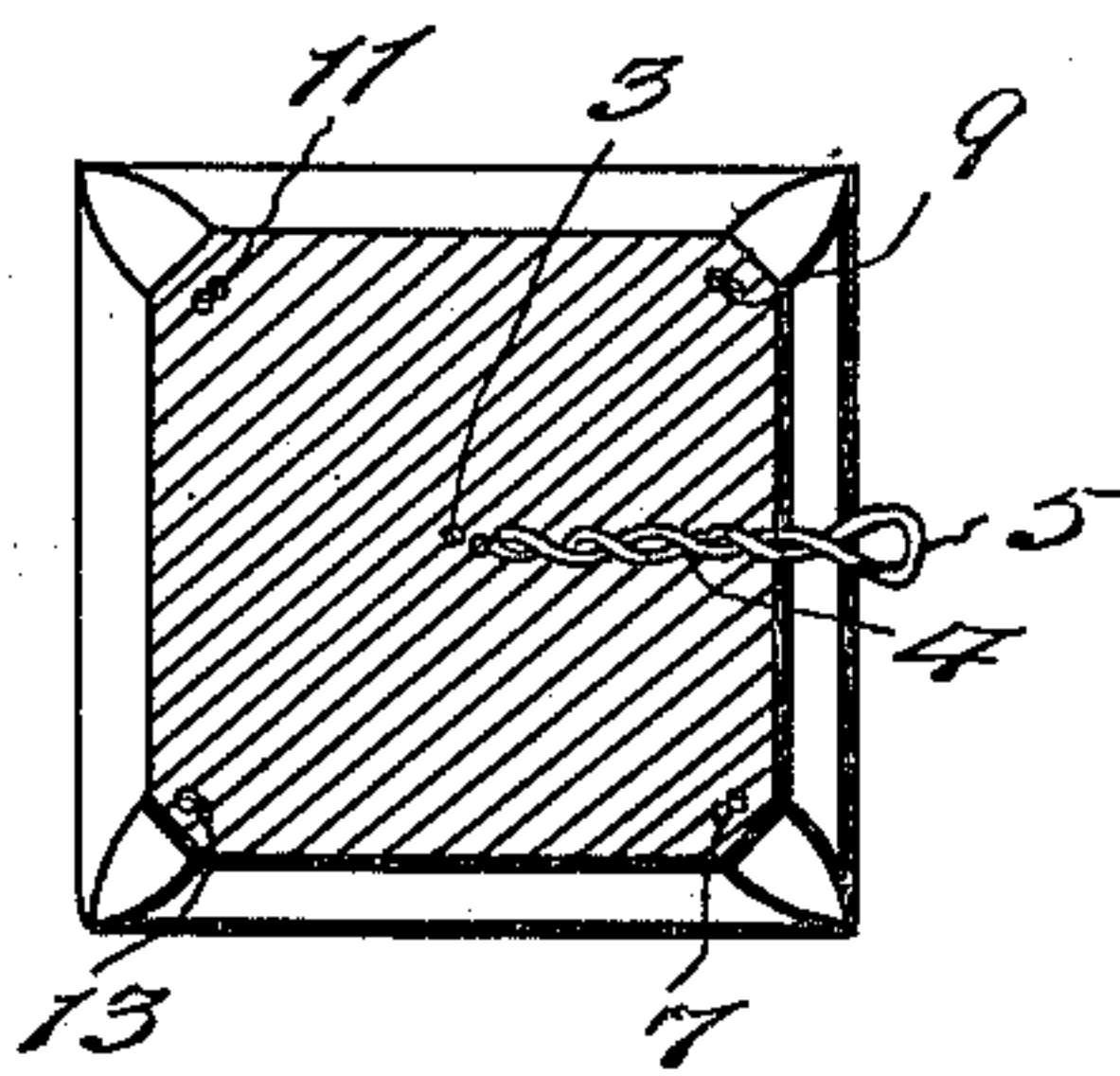


Fig. 2.

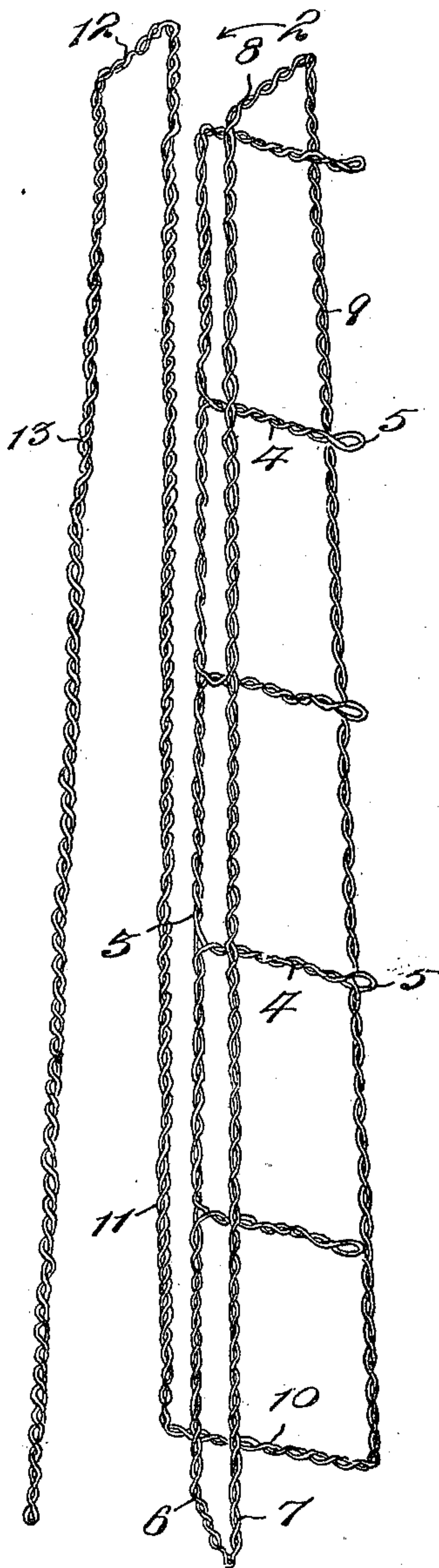


Fig. 3.

Witnesses

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by

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# UNITED STATES PATENT OFFICE.

WILLIAM R. JOHNSON, OF VANWERT, OHIO.

## FENCE-POST.

SPECIFICATION forming part of Letters Patent No. 709,224, dated September 16, 1902.

Application filed April 19, 1902. Serial No. 103,792. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM R. JOHNSON, a citizen of the United States, residing at Vanwert, in the county of Vanwert and State of Ohio, have invented a new and useful Fence-Post, of which the following is a specification.

The invention relates to improvements in fence-posts.

The object of the present invention is to improve the construction of concrete, cement, or artificial-stone fence-posts, more especially the means for supporting the same and for enabling fence-wires or other fencing material to be readily applied to the same, and to provide a simple and comparatively inexpensive support capable of strengthening a post at the center and corners thereof and adapted to enable a series of fence-wires to be readily secured to the same.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

In the drawings, Figure 1 is a perspective view of a post constructed in accordance with this invention. Fig. 2 is a horizontal sectional view of the same. Fig. 3 is a perspective view of the support.

Like numerals of reference designate corresponding parts in all the figures of the drawings.

1 designates a fence-post constructed of any suitable plastic material—such as concrete, cement, artificial stone, or any other material which will become solid and hard from a plastic state—and the said post, which may be of any desired length and thickness, is strengthened by a support 2, consisting of a continuous cable of twisted strands of wire and composed of an upright center portion 3 and corner portions connected with the central upright portion and with each other, as hereinafter described. The upright central portion 3 is provided at intervals with integral horizontal arms 4, formed by continuing the strands and twisting the same and extending outward to a point beyond the front of the post and terminating in eyes 5. The eyes 5, which are arranged on the exterior of the post, as clearly illustrated in Figs. 1 and 2 of

the drawings, are adapted to receive a vertical rod for securing fence-wires or wire fencing to the fence-post. The lower end of the central upright portion 3 is connected by a short diagonally-arranged end portion 6 with an upright corner portion 7, which extends from the bottom of the post to the top thereof, as clearly indicated in Fig. 3 of the drawings. The upper end of the corner portion 7 is connected by a short top portion 8 with a corner portion 9, and the said connecting top portion 8 is arranged parallel with the front face of the post. The post is preferably tapered, and the upright corner portions converge slightly toward the top of the post. The lower end of the front corner portion 9 is connected by a short lower side portion 10 with a rear corner portion 11, which extends to the top of the post and which is connected at its upper end by a short rear connecting portion 12 with the opposite rear upright corner portion 13. The connecting portion 12 is arranged at the top of the post at the back thereof and is disposed opposite and approximately parallel with the top connecting portion 8. The support, which consists of a continuous cable, as before explained, is adapted to be placed in a mold in the form illustrated in Fig. 3 of the drawings, and the fence-post is cast around it and will be strengthened and supported at the center and corners by the upright portions, and the arms, which are formed integral with the central upright portion, have exteriorly-arranged eyes, which will enable fence-wires or wire fencing to be readily attached to the post. The support may also be employed for strengthening hitching-posts, poles, and the like constructed of plastic material. The support may extend the entire length of the post or it may be arranged to reinforce or strengthen only the upper portion of the fence-post.

What I claim is—

1. A post of plastic material provided with a support consisting of a continuous cable of twisted strands and composed of upright portions arranged at the sides and center of the post, the central upright portion being provided with horizontal arms formed by extending and twisting the strands of the cable



and provided at their outer ends with eyes arranged on the exterior of the post, substantially as described.

2. A post of plastic material provided with a support consisting of a continuous cable and composed of upright center and corner portions and short connecting portions, substantially as described.

3. A post of plastic material provided with a support consisting of a continuous cable and composed of upright central and corner portions, a short diagonal connecting portion extending from the central upright portion to one of the corner portions, the approximately parallel top connecting portions arranged at the front and back of the post and connecting the upper ends of the upright corner portions, and the bottom connecting portion arranged at one side of the post and extending from the lower end of one of the front corner portions to the lower end of the adjacent rear corner portion, substantially as described.

4. A post of plastic material provided with a support consisting of a continuous cable of 25 twisted strands of wire and composed of upright central and corner portions, the short diagonally-arranged connecting portion 6 extending from the central upright portion to one of the corner portions, the side connecting 30 portion 10 arranged at one side of the post and extending from one corner portion to the adjacent corner portion, the parallel connecting portions 8 and 12, arranged at the front and back of the post and the arms ex- 35 tending from the central portion of the support and provided at their outer ends with eyes arranged on the exterior of the post, substantially as described.

In testimony that I claim the foregoing as 40 my own I have hereto affixed my signature in the presence of two witnesses.

WILLIAM R. JOHNSON.

Witnesses:

WILLIAM BRINKERHOFF,  
F. C. HOLDEN.