

No. 626,083.

Patented May 30, 1899.

J. NIXON.
FENCE POST.

(Application filed Dec. 9, 1898.)

(No Model.)

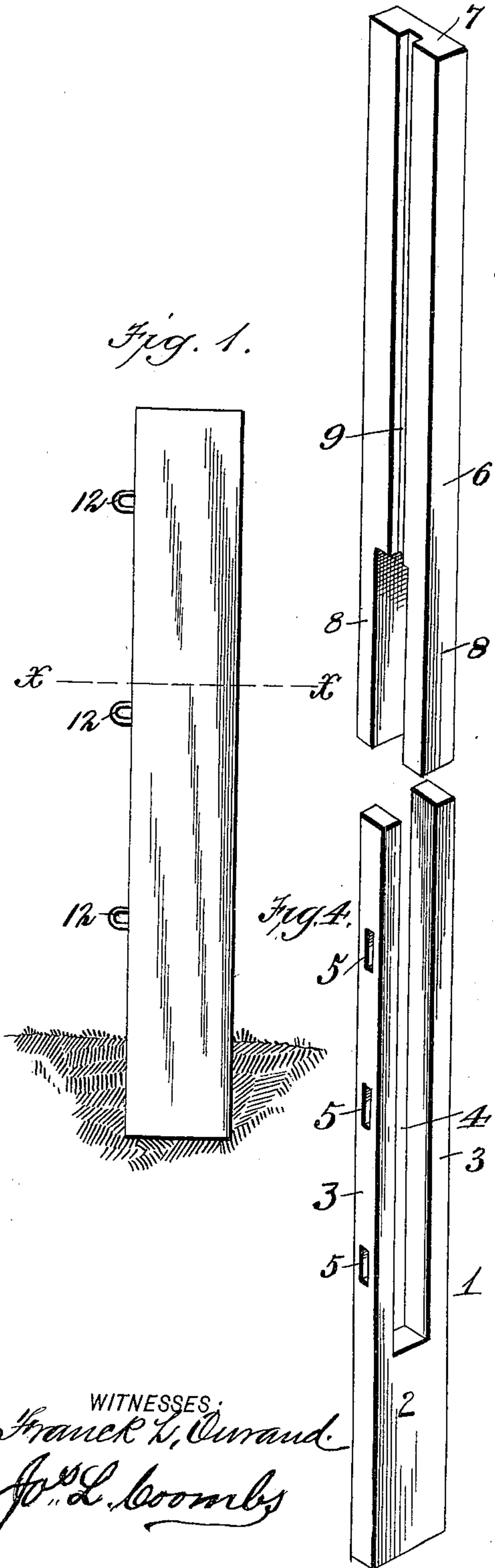
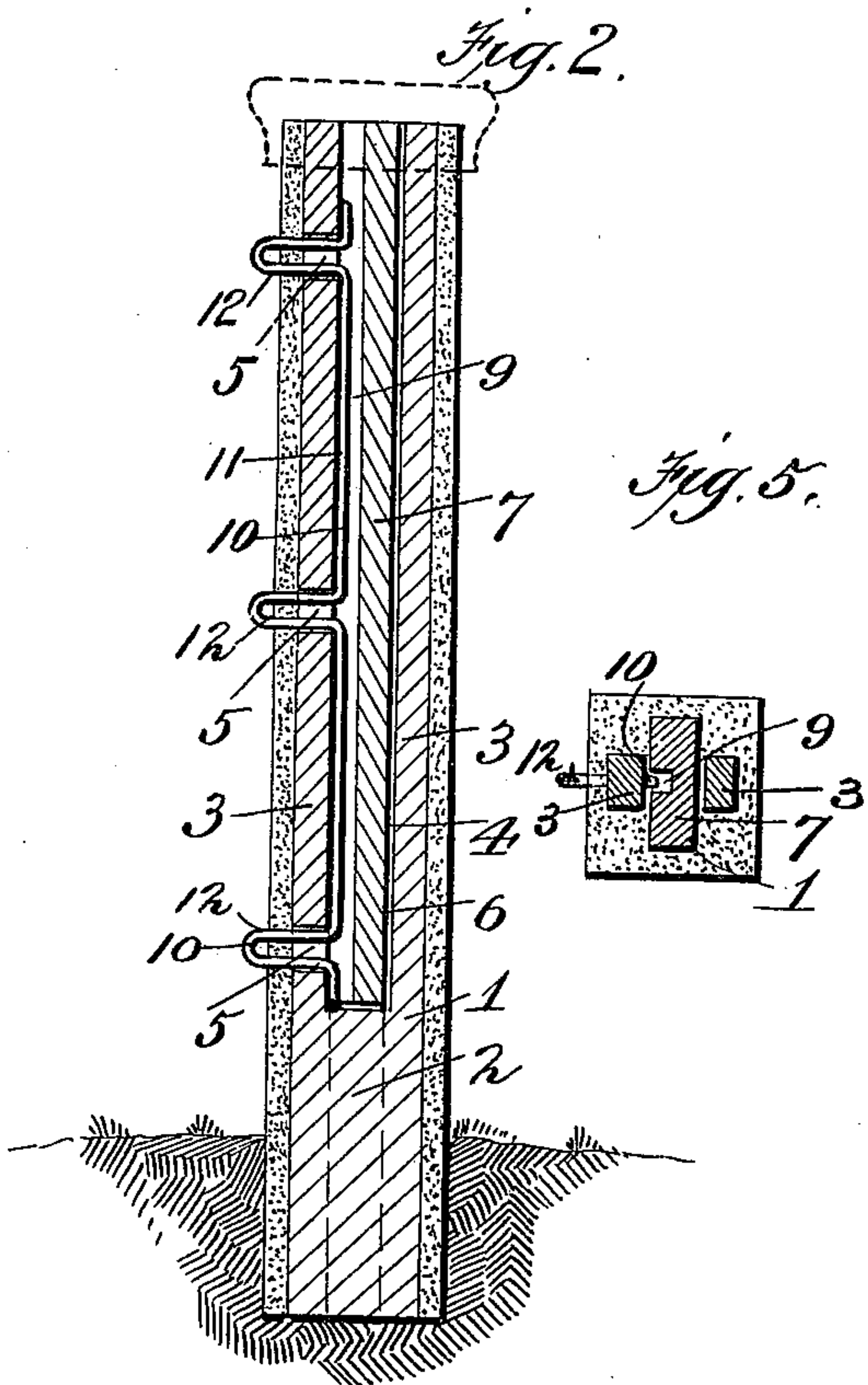


Fig. 3.



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JOHN NIXON, OF FARMLAND, INDIANA.

FENCE-POST.

SPECIFICATION forming part of Letters Patent No. 626,083, dated May 30, 1899.

Application filed December 9, 1898. Serial No. 698,780. (No model.)

To all whom it may concern:

Be it known that I, JOHN NIXON, a citizen of the United States, residing at Farmland, in the county of Randolph and State of Indiana, have invented new and useful Improvements in Fence-Posts, of which the following is a specification.

My invention relates to fence-posts for wire fences of all kinds or descriptions, and which posts comprise in their structure a wood or metal filler or center, a series of connected staples extending therethrough, and an outer covering of composition, through which said staples also extend, thus forming a composite post which shall possess superior advantages with respect to efficiency in use.

The invention consists in the novel construction and combination of parts herein-after fully described and claimed.

In the accompanying drawings, Figure 1 is a side elevation of a fence-post constructed in accordance with my invention. Fig. 2 is a central longitudinal section of the same. Fig. 3 is a perspective view of one of the sections of the filler or center. Fig. 4 is a similar view of the other section. Fig. 5 is a horizontal section on the line $x x$, Fig. 1.

In the said drawings the reference-numeral 1 designates one of the sections of the center or filler, comprising a rectangular solid lower portion 2 and two parallel vertical arms 3, with a space 4 between the same. One of the arms 3 is provided with a number of holes or apertures 5, through which the staples, hereafter described, pass. The numeral 6 designates the other section of the filler or center, consisting of the solid rectangular portion 7 and the two parallel arms 8 at the lower end. In one of the faces of said section 6 is formed a vertical groove 9 to allow the fastener to slide therein in assembling the parts. These sections may be made of metal or wood or any other material found suitable, and the arms 8 engage with the lower solid portion of the section 1, while the arms 3 engage with the upper solid portion of the other section, thus making a solid filler or core, the two sections comprising the same being at right angles to each other.

The numeral 10 designates the fastener for the wire strands of the fence, consisting of a single piece of wire 11 of suitable length formed with a number of outwardly-projecting staples 12 at suitable distances apart.

The numeral 13 designates the outer covering of composition, consisting of cement, sand, and sulfuric acid.

In constructing the post the staples are first passed through the holes or apertures in the arm 3, and the section 6 is then engaged with the section 1, the arms of one section overlapping the solid portion of the other section and the wire 11 seating in the groove 9 of section 6. The filler or center thus formed is then placed in a suitable mold and the liquid composition then poured in the same and allowed to stand until hardened, after which the post is removed.

From the above it will be seen that I produce a composite post which will be very strong and durable in use and in which the staples or fasteners cannot be pulled out. The post will be angular in cross-section, as seen in Fig. 5, which is the preferable form for the same.

Having thus fully described my invention, what I claim is—

1. In a fence-post, the combination with the two interlocking sections, one of which is formed with a vertical groove and the other with a number of slots intersecting said groove, of the fastener consisting of a single piece of wire formed intermediate its ends with a number of staples projecting through said slots, substantially as described.

2. In a fence-post, the combination with the section comprising the solid lower portion and the parallel vertical arms, one of which is provided with a number of holes or apertures, the other section having a solid upper portion and two arms at the lower end and formed with a vertical groove in one side, and the fastener consisting of a single piece of wire formed with a number of staples intermediate its ends which extend through said holes or apertures, of the outer covering of composition, through which said staples also project, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

JOHN NIXON.

Witnesses:

P. M. BLY,
DAVID WASSON.