

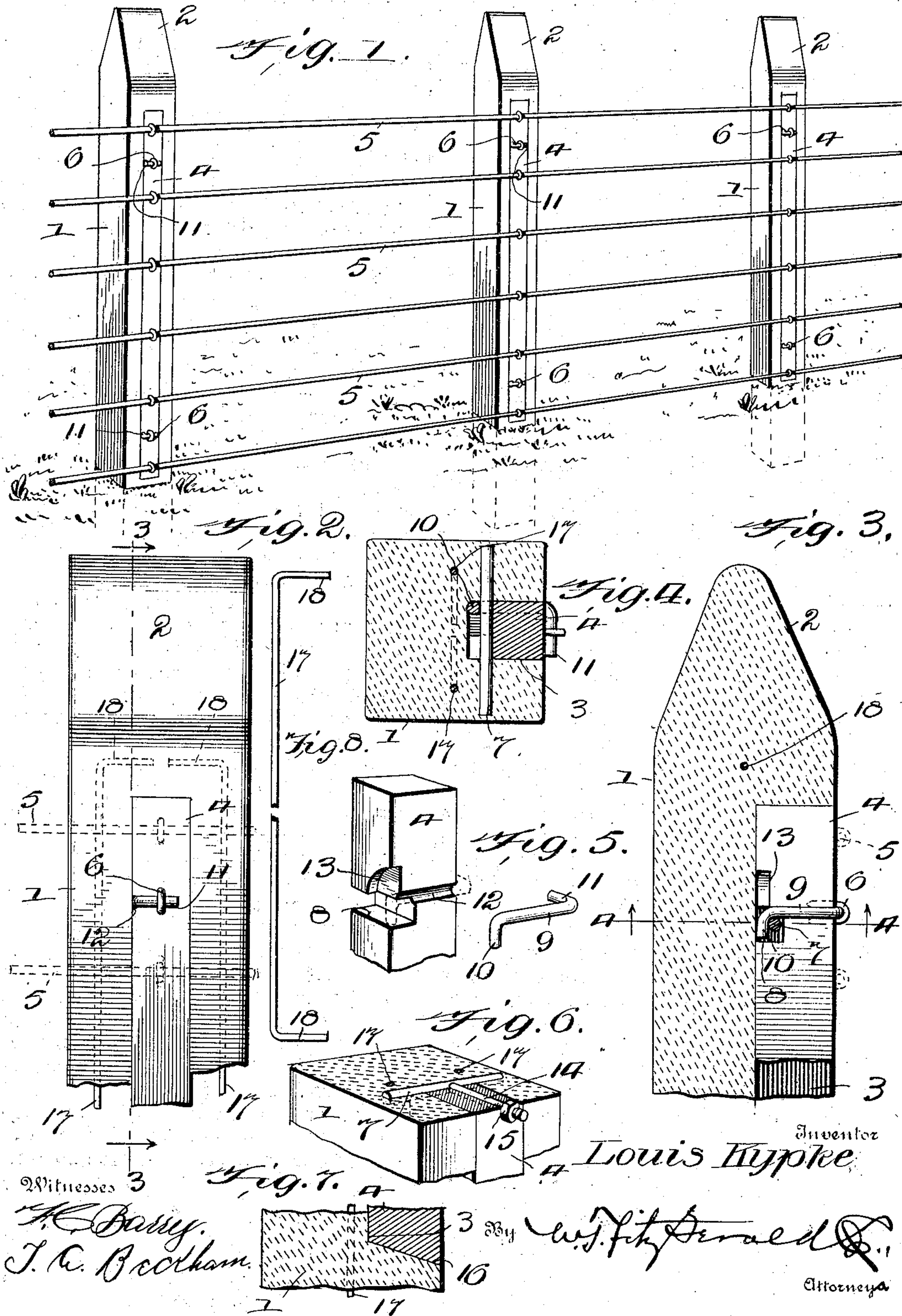
No. 768,231.

PATENTED AUG. 23, 1904.

L. KYPKE.  
FENCE POST.

APPLICATION FILED FEB. 18, 1904.

NO MODEL.





# UNITED STATES PATENT OFFICE.

LOUIS KYPKE, OF WATERLOO, WISCONSIN.

## FENCE-POST.

SPECIFICATION forming part of Letters Patent No. 768,231, dated August 23, 1904.

Application filed February 18, 1904. Serial No. 194,249. (No model.)

*To all whom it may concern:*

Be it known that I, LOUIS KYPKE, a citizen of the United States, residing at Waterloo, in the county of Jefferson and State of Wisconsin, have invented certain new and useful Improvements in Fence-Posts; 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 ap-  
 10 pertains to make and use the same.

My invention relates to fence construction, and more particularly to a fence-post designed, primarily, for a wire fence, though useful for a fence of other form of construction; and my  
 15 invention consists of certain novel features of construction and combination of parts, as will be hereinafter clearly set forth, and pointed out in the claims.

The prime object of my invention, among  
 20 others, is to provide a fence-post of very reliable and durable character which when once anchored in its position in the ground will prove to be a permanent form of improvement, lasting indefinitely and enabling the  
 25 wires to be readily secured or removed therefrom.

Other objects and advantages will be hereinafter made clearly apparent, reference being had to the accompanying drawings, which are  
 30 made a part of this application, and in which—

Figure 1 shows a perspective view of my improved fence-post as applied to use upon an ordinary wire fence. Fig. 2 is a front view of the upper portion of my fence-post, showing the position of the wires by dotted lines. Fig. 3 is a vertical section of my fence-post as taken on line 3 3 of Fig. 2. Fig. 4 is a sectional view taken on line 4 4 of Fig. 3. Fig. 5 is a perspective detail view of a portion of  
 40 my post attachment removed from the post. Fig. 6 is a transverse section of the post, showing the preferred form of anchoring device for holding the wooden section of the post within the recess formed in the side of the post proper.  
 45 Fig. 7 shows a portion of my fence-post and the shape of the lower end of the longitudinal recess formed therein. Fig. 8 shows one of my reinforcing or stay rods.

The various parts of my invention and co-  
 50 operating accessories will for convenience be

designated by numerals, the same numeral applying to a similar part throughout the several views.

Briefly stated, my invention consists of a post or body-portion thereof molded from  
 55 plastic material, as cement, and afterward permitted to harden after coming from the mold, it being understood that the mold may be of any suitable character whereby the post will be produced in a perfectly finished condition,  
 60 properly shaped and ready for use.

The post, as indicated by the numeral 1, is preferably provided with a tapered upper end 2, though it is obvious that any form of terminal may be adopted. In one side of the  
 65 post I form a longitudinally-disposed recess 3 of proper depth to receive therein a section of wood 4, said wood portion of the post being flush upon its outer edge with the outer surface of the post, as clearly shown in Fig. 1,  
 70 thereby disposing the edge of the section 4 in proper position to enable any of the fence-wires 5 to be attached thereto in any preferred way, as by the securing-staple 6.

In order to enable the member 4, which is  
 75 preferably formed of wood, though suitable staple or nail receiving substances may be adopted, to be removably retained within the recess 3, provided in the face of the post, I locate in the body of the post a transversely-  
 80 disposed wire or rod 7, so located as to reach across the inner part of the recess 3, there being preferably two of said rods or sections of wire of suitable size, one at the bottom and one at the top of the recess 3, and designed  
 85 to cooperate with the rod-sections 7 are recesses 8, formed in a contiguous part of the inner edge of the member 4, said recesses being adapted to receive said rods. In order that the members 4 may be locked in engage-  
 90 ment with the rod-sections 7, I provide the locking device 9, having an angular extension 10 upon its inner end and a handle-like extension 11 upon its outer end, the body-portion 9 being designed to lie within the recess  
 95 12, formed in the edge of the member 4, and it is therefore obvious that by turning the extension 9 upward, so as to occupy a substantially horizontal position within the recess  
 100 13, the member 4 may be pushed in place



within the longitudinal recess 3 until the anchoring-rod 7 occupies the recess 8, when by turning the branch or extension 10 downward the member 4 will be held against outward movement, it being understood that the handle-section 11 may be secured, as by a wire-securing staple 6. If preferred, the member 4 may be otherwise secured within the longitudinal recess 3, as by driving a nail or nails into the edge thereof at the time the post is being molded, in which case the member 4 is thus molded directly into the edge of the fence-post, and when the post is taken out of the mold it is complete—ready for use upon the line of fence. It is thought, however, that in order to enable the member 4 to be easily replaced if it should become destroyed by decay or other causes said member should be made removable, whereby it may be quickly renewed, if desired.

In some instances, as will be seen by reference to Fig. 6, the transverse member or rod-section 7 may be formed with an integral extension 14, adapted to extend through a hole provided in the member 4, the outer end of the extension 14 being threaded to receive the locking-nut 15, and when it is desired to remove the wooden section 4 this may easily be accomplished by removing the locking-nuts 15, as will be obvious.

In Fig. 7 it will be observed that the lower end of the recess 3 is provided with an outwardly and downwardly inclined terminal or end section, as indicated by the numeral 16, said inclined terminal being for the purpose of insuring perfect drainage of any water that may get into the recess 3 around the sides of the member 4, thereby insuring greater protection against decay of the member 4.

To provide proper reinforcement for my improved post, I also provide one or more longitudinally-disposed rods 17 of proper length, preferably provided upon each end with the angular extensions 18. These rods are to be embedded within the body of the post upon each side of the recess, and additional rods, if desired, may be located in the rear side of the post inasmuch as the number of reinforcing-rods employed may be left to the judgment of the manufacturer of the post. Obviously the said rods 17 are to prevent the post from being completely severed, thus making it possible to still use the post to good advantage, even though the hardened body portion should become cracked. The said rods 17 may be left entirely straight or corrugated, if preferred, and the angular extensions 19 may be of any de-

sired length, and, as above stated, any preferred number of the rods deemed necessary to attain a thorough reinforcement of the post may be employed.

For ordinary purposes it is thought that a simple securing device, as a common nail or nails driven into the side of the member 4, will be all that is necessary to retain said member in its position within the recess 3, and I therefore reserve the right to use any of the forms of securing devices which I have hereinbefore described.

Believing that the advantages and manner of using my improved fence-posts have thus been made clearly apparent, further description is deemed unnecessary, and while I have described the preferred combination and construction of parts deemed necessary in materializing my invention, I wish to comprehend in this application all substantial equivalents and substitutes that may be considered as falling fairly within the scope and purview of my invention.

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

1. In a fence-post the combination with the post having a longitudinal recess on one side thereof and anchoring-rods intersecting said recess, of a member 4 adapted to fit said recess, said member 4 having recesses 8 therein to receive said anchoring-rods, a locking device carried by said member, having an angular extension on one end and a handle extension upon the other end, adapted to lock said member 4 within said longitudinal recess and means to secure said device in its locked position, substantially as set forth.

2. The herein-described post construction comprising a post formed of cement and having longitudinally-disposed reinforcing-rods 17, and a longitudinal recess upon one side thereof, anchoring-rods intersecting said longitudinal recess, a member 4 adapted to fit said recess, the lower end of said member 4 being inclined to fit the inclined end of said recess, and means coöperating with said anchoring-rods to removably secure said member 4 within said recess, all combined substantially as and for the purpose set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

LOUIS KYPKE.

Witnesses:

L. T. DAVIES,  
R. W. LUECK.