

No. 847,141.

PATENTED MAR. 12, 1907.

O. A. WILSON.
METAL FENCE POST.
APPLICATION FILED AUG. 8, 1905.

2 SHEETS—SHEET 1.

Fig. 1.

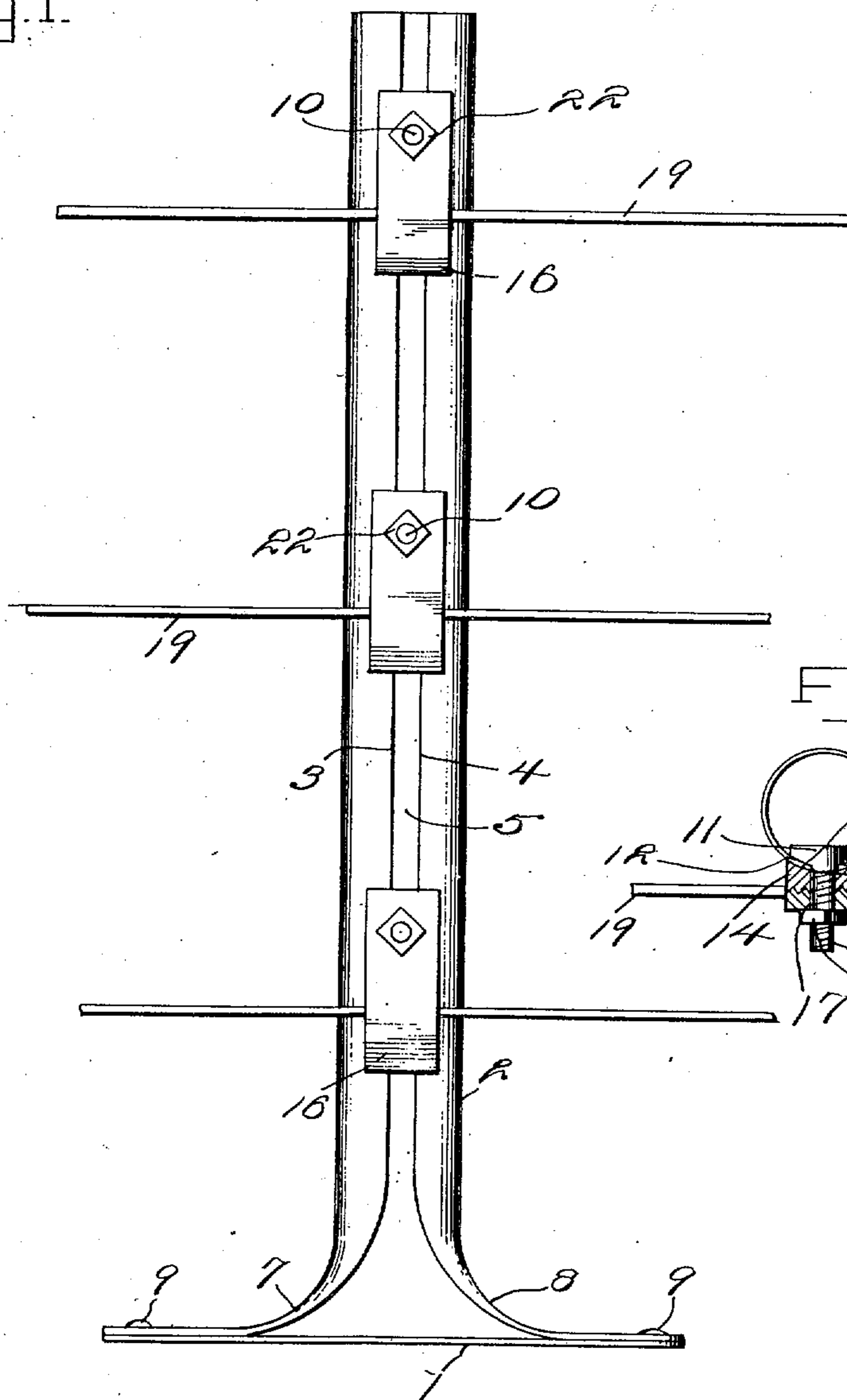
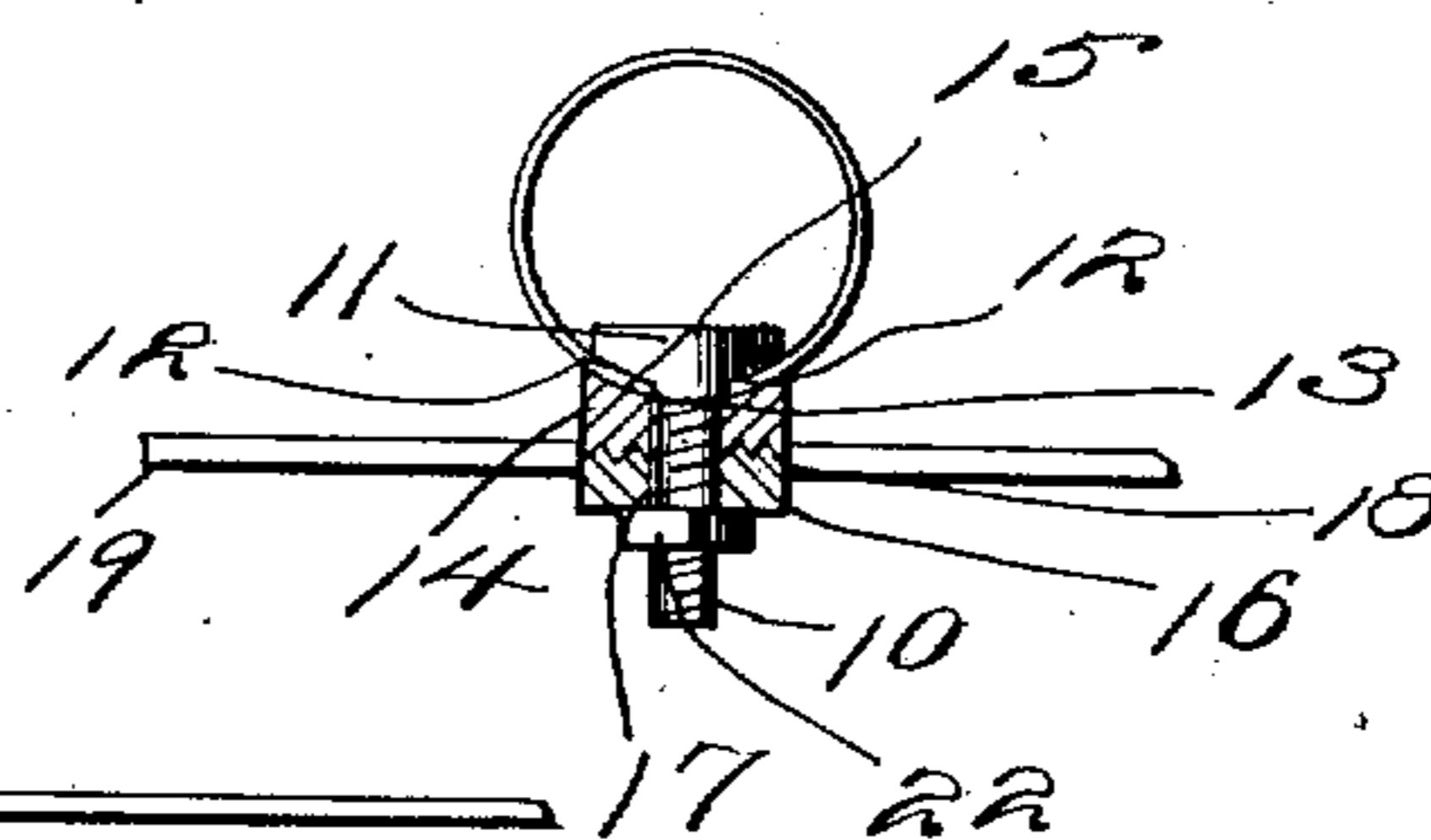


Fig. 2.



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2 SHEETS—SHEET 2.

Fig. 3.

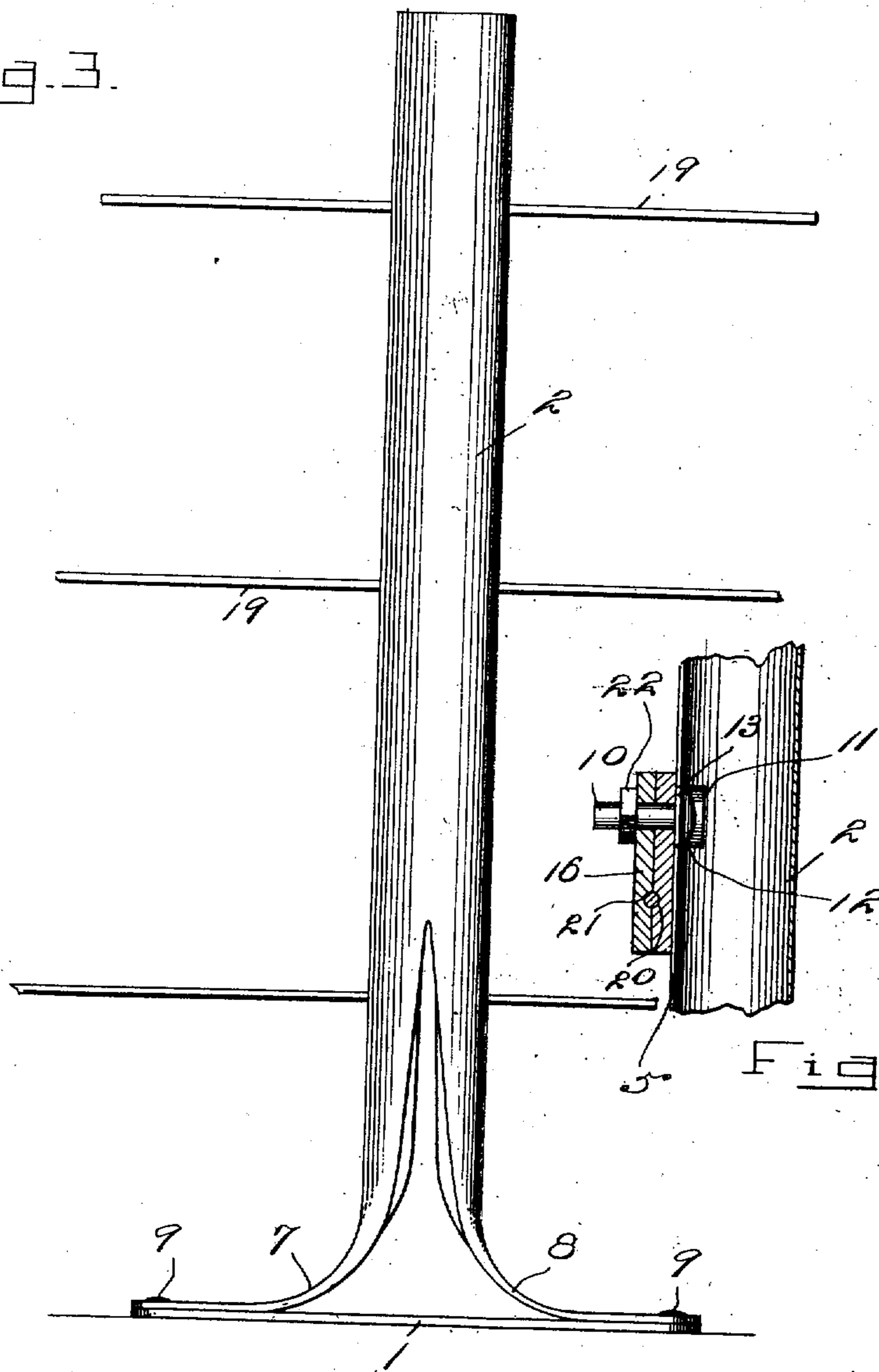


Fig. 4.

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OTTO A. WILSON, OF BLYTHEDALE, MISSOURI.

METAL FENCE-POST.

No. 847,141.

Specification of Letters Patent.

Patented March 12, 1907.

Application filed August 8, 1905. Serial No. 273,270.

To all whom it may concern:

Be it known that I, OTTO A. WILSON, a citizen of the United States, residing at Blythedale, in the county of Harrison, State of Missouri, have invented certain new and useful Improvements in Metal 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 appertains to make and use the same.

This invention relates to fence-posts.

One object of the invention is to provide a fence-post embodying such characteristics that it may be readily seated in the ground against accidental displacement.

Another object of the invention is to provide a hollow metallic fence-post provided with a longitudinal slot for the securing thereto of suitable means for supporting the line-wires of a fence.

A still further object of the invention resides in the provision of an exceedingly simple, inexpensive, durable, and efficient fence-post embodying the characteristics hereinbefore and to be hereinafter stated.

With these and other objects in view the present invention consists in the combination and arrangement of parts, as will be hereinafter more fully described, shown in the accompanying drawings, and particularly pointed out in the appended claims, it being understood that changes in the form, proportion, size, and minor details may be made within the scope of the claims without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawings, Figure 1 is an elevation of my improved post, illustrating line-wires secured thereto. Fig. 2 is a transverse sectional view through the post and line-wire-locking means. Fig. 3 is an elevation showing the opposite side of the post from Fig. 1. Fig. 4 is a vertical section through the wire-holding plates.

Referring now more particularly to the accompanying drawings, the reference character 1 designates an anchoring-plate, the reference character 2 indicating the post. This post 2 is formed of a single piece of material and is formed in circular form in cross-section, as clearly shown. The opposing edges 3 and 4 of the material from which the post 2 is formed do not quite meet or come together, but terminate short of each other to provide a longitudinal slot 5 throughout the length of

the post, the lower end of the post opposite the slot 5 thereof being bifurcated, as indicated by the reference character 6, so that the lower extremities 7 and 8, which extremities are formed by reason of the slot 5 and bifurcation 6, may be turned outwardly from each other upon a curve and perforated for the reception of suitable fasteners 9, which pass through the ends 7 and 8 and the anchoring-plate 1 to secure the post firmly upon the latter.

From the foregoing it will be seen that I provide a post of an exceedingly simple and consequently inexpensive nature, and I will state that line-wires may be secured thereto in any suitable manner. However, in the accompanying drawings I illustrate one peculiar form of means for securing the line-wires to the post. The peculiar form of means shown comprises a bolt 10, provided with a head 11, which head has its inner face beveled upon opposite sides, as at 12, which beveled portions 12 lead into the elongated shoulder 13 at the joint of the bolt 10 with the head 11. Now by reason of the spreading or outwardly-turned ends 7 and 8 of the posts this head may be passed therebetween for engagement within the hollow post 1 above the outwardly-turned ends 7 and 8 and the head 11 of the bolt 10 disposed therein, with the opposite sides of its shoulder 13 engaging the corresponding edges of the slot 5, whereby rotation of the bolt and its head with respect to the post is prevented. This bolt 10 is screw-threaded, and loosely engaged with the screw-threaded, bolt 10 is a plate 14, provided with a concave face 15, designed to engage the post 1 directly over the slot 5. By reason of this concave face of the plate 14 the plate has a tight fit with respect to the peculiar formation of the post. Another block 16 similar to the block 14 is provided with a perforation 17 for loose fit upon the bolt 10 and for engagement with the aforesaid plate 14. Both of these plates 14 and 16 have their meeting faces corrugated vertically, as indicated by the reference character 18, to insure a tight binding action between the plates to positively hold the line-wire 19 in the semicircular grooves 20 and 21, respectively, of the plates 14 and 16, which grooves are arranged horizontally or at a direct right angle to the aforesaid corrugations and which tightly receive the line-wire 19 when the nut 22 is screwed upon the free end of the bolt 10 adjacent the outer face

of the plate 16. By reason of this peculiar formation of locking means for the securing of the line-wires to the post it will be seen that the line-wires may be adjusted high or low with respect to the post and that when a series of line-wires are employed, which of course is manifest, in the fence the different strands of line-wires may be adjusted toward and away from each other as desired.

10 What is claimed is—

1. A fence-post having a hollow body provided with a longitudinal slot, line-wire holders consisting of two clamping-plates provided with a lateral groove to receive the 15 wire, and a hole through their upper part and a headed bolt, having the under sides of its head rounded and arranged in the hollow of the post with its shank extended through

the said slot and hole in the clamping-plates and a nut turned on the outer end of the said 20 shank.

2. A fence-post having a hollow body provided with a longitudinal slot, line-wire holders consisting of two clamping-plates having their meeting edges serrated vertically and 25 provided with a lateral groove to receive the wire between them, and means for clamping them together on the line-wire and securing them adjustably on the post in the slot.

In testimony whereof I affix my signature 30 in presence of two witnesses.

OTTO A. WILSON.

Witnesses:

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