C. W. REGEL.

FENCE POST.

APPLICATION FILED AUG. 14, 1916.

1,267,116.

Patented May 21, 1918.

Fig. 1.

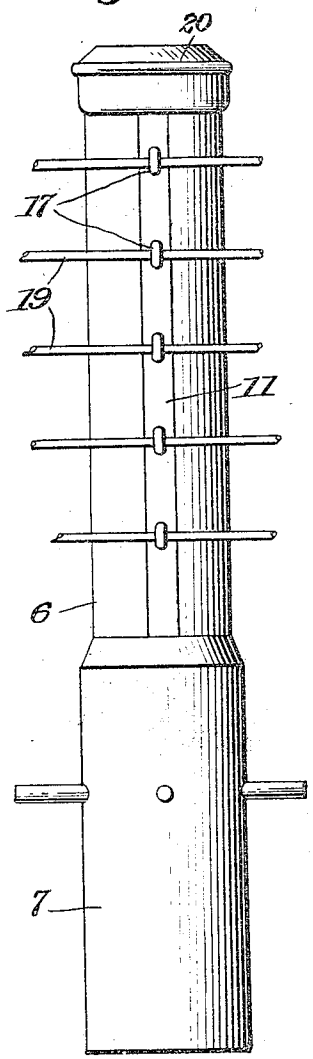


Fig. 3.

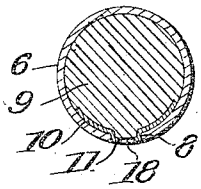


Fig. 4.

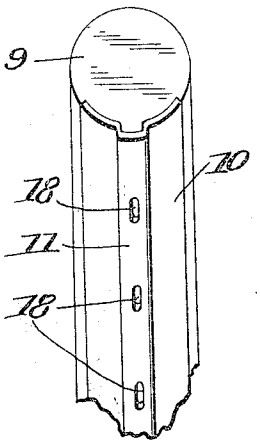


Fig. 5.

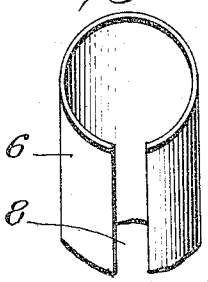
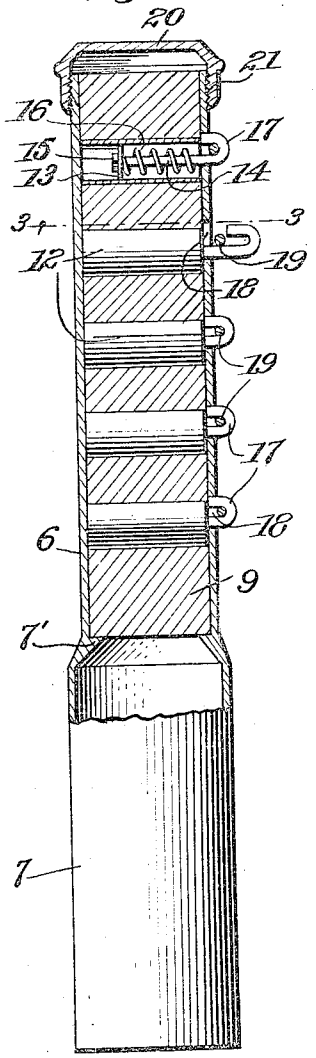


Fig 2.



INVENTOR,

Carl W. Regel,

BY Richard Owen,

ATTORNEY.

WITNESSES

M. A. O'Connor.

M. C. Jones

UNITED STATES PATENT OFFICE.

CARL W. REGEL, OF EVANSVILLE, INDIANA.

FENCE-POST.

1,267,116. Specification of Letters Patent. Patented May 21, 1918.

Application filed August 14, 1916. Serial No. 114,823.

To all whom it may concern:

Be it known that I, CARL W. REGEL, a citizen of the United States, residing at Evansville, in the county of Vanderburg and State of Indiana, have invented certain new and useful Improvements in Fence-Posts, of which the following is a specification.

My invention relates to a fence post.

One aim of the invention is to provide a post of this character capable of manufacture substantially as a metallic article but which may employ if desired, a core or filler of wood, for instance, and which has a protector plate serving as the keeper for wire-fastening elements mounted by the filler.

Another object is to provide the post proper with a longitudinal opening into which the protector plate extends and to provide the protector plate with an elongated opening and to also provide a fastening device in the form of a spring-retracted hook adapted to enter the opening of the plate.

With the above, and additional objects, such as will hereinafter appear, in view, the invention has been embodied in one preferred form as hereinafter described and illustrated in accompanying drawings:—

Figure 1 is a front elevation of an improved post constructed in accordance with my invention;

Fig. 2 is a view mostly in vertical section through the improved post and taken at right angles to Fig. 1;

Fig. 3 is a cross sectional view on the line 3—3 of Fig. 2;

Fig. 4 is a detail perspective view of a portion of the filler and protector plate associated therewith, and

Fig. 5 is a detail perspective view of the upper end of the post proper.

Referring specifically to the drawings, a post 6 is provided which has an anchor 7 of any suitable construction. The post proper is the portion to which numeral 6 specifically refers and at its junction with the anchor, an inwardly extending flange or shoulder 7 is provided. The post is preferably hollow and made of metal and tubular. Also it is provided with a longitudinal opening at 8.

Within the post 6, a filler or core 9 is inserted and which rests on the ledge or flange 7. This core may be made of any suitable material but is preferably made of wood. A plate 10 is provided which overlaps the interior of post 6 and has a central outwardly extending portion 11 which fits into the opening 8 and has its outer face flush with the outer periphery of the post. This plate 10 protects the core since it excludes rain. Mounted diametrically of the core 9 are a plurality of cylinders or casings 12 in each of which, a disk 13 is slidable longitudinally and serves as a bearing for the wire fastener 14. This fastener 14 may be secured in place by a nut 15 engaging the fastener beyond one face of the disk. An expansive coiled spring 16 abuts the disk on one side, surrounds the fastening member 14 and abuts the plate 10 on its interior. The member 14 terminates in a hook 17 disposed exteriorly of the post and normally drawn into recesses or slots 18 provided in the portion 11 of plate 10. The hooks 17 overlap wires 19 which make up the fence and also have their main rod 14 extend through the slots 18 and the free ends of the hooks enter or extend into the slots 18. In this way the wires are fastened and turning movement of the hook is avoided.

In order to protect the interior of the post, especially the core 9 from the weather, a cap 20 is provided which is screw threaded through the post 6 as at 21.

In use, the post is anchored in the ground in the usual manner by sinking the anchor 7. Prior to sinking or subsequent thereto, the core 9 is inserted so that the locking or fastening devices for the wires 19 will have the hooks 17 disposed in the openings 18. While the springs draw the hooks inwardly, yet the free ends thereof abut one end of the cylinders 12 and the core. The cap 20 is placed after the core and fastening devices are positioned. When attaching the wires or other fence means, the hooks 17 are pulled outwardly as suggested by the second hook from the top in Fig. 2 so that the wires may be positioned relatively to hooks 18 to engage them and overlap them both above and below and from the outside and clamp them against the outside of the portion 11. If it is necessary to afterward remove the wires or to replace them, the hooks 17 may be readily moved against the tension of the springs 16 to accomplish this end.

Since merely the preferred embodiment has been illustrated and described, it is to

be understood that changes in the details of construction may be resorted to within the spirit and scope of the invention.

I claim:

1. A hollow supporting post having a filler, fastening means mounted by the filler, said post having an opening through which the fastening means extends, a plate overlapping the interior of the post and extending into said opening, said plate having a slot through which the fastening means extends and said plate serving to protect the filler.

2. A hollow supporting post having a filler, fastening means mounted by the filler, said post having an opening through which the fastening means extends, a plate disposed over said opening to protect the filler, said fastening means including a fastening member extending through the plate, abutment means on said member, and a retractile spring surrounding the member and engaging the abutment means and said plate.

3. A hollow supporting post having a filler, fastening means mounted by the filler, said post having an opening through which the fastening means extends, a plate closing said opening and overlapping the post on the interior, said plate having an elongated slot, said fastening means including a casing, a disk slidably mounted in the casing, a hook mounted in said disk and extending through said slot, a spring surrounding the hook and engaging said disk and said plate, and the free end of the hook also extending into said slot.

4. A post having a fastening means comprising a cylinder, a disk movable in the cylinder, a fastening member mounted in the disk, a retainer through which the fastening member passes, said retainer having an elongated slot where the member passes therethrough, the free end of the fastening member being in the form of a hook, said hook extending into the slot, and a spring surrounding said member engaging the disk and said keeper member.

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

CARL W. REGEL.

Witnesses:
H. J. DERSCH,
H. C. REGEL.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."