No. 757,962. PATENTED APR. 19, 1904.

V. E. RANDALL.

FENCE POST.

APPLICATION FILED APR. 7, 1902.

NO MODEL.

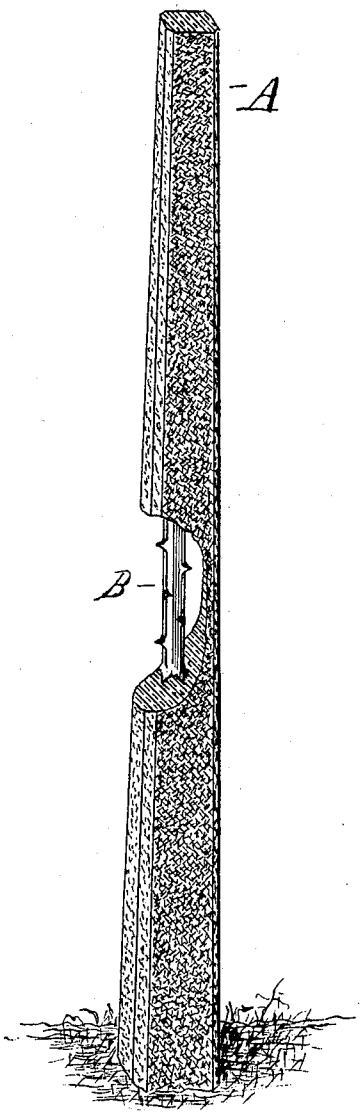


Fig. 1.



Fig. 2.

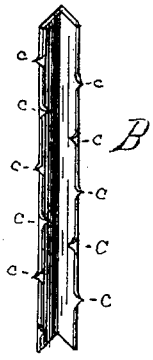


Fig. 3.

ATTEST.

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No. 757,962. Patented April 19, 1904.

UNITED STATES PATENT OFFICE.

VICTOR E. RANDALL, OF BURLINGTON, MICHIGAN.

FENCE-POST.

SPECIFICATION forming part of Letters Patent No. 757,962, dated April 19, 1904.

Application filed April 7, 1902. Serial No. 101,653. (No model.)

To all whom it may concern:

Be it known that I, VICTOR E. RANDALL, a citizen of the United States, residing at Burlington, in the county of Calhoun and State of Michigan, have invented a certain new and useful Improvement in Fence-Posts; and I 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, reference being had to the accompanying drawings, and to the letters marked thereon, which form a part of this specification.

This invention relates to fence-posts, and more particularly relates to posts having a body composed of artificial stone, into which while in a plastic state a core of stiffening material is introduced for rendering the superstructure proof against breakage and shattering; and the object of this invention is to produce a post of this character that shall be exceedingly simple, very cheap to produce, capable of withstanding great strain, and imperishable.

In the drawings forming a part of this specification, Figure 1 represents a perspective view of my improved post partially cut away, showing a truss or center core of angle-iron bar, centrally alined and embedded therein. Fig. 2 represents a modified form of an angle-bar core having fluted wings. Fig. 3 represents a detail fragmentary elevation of the angle-bar core with teeth projections.

In the embodiment of the present invention disclosed in the accompanying drawings, A represents the body portion of a post, which is preferably constructed from Portland cement and sand, grit, or other suitable substance or any combination of cement which would produce artificial stone. Within the body A when in a plastic condition I introduce an angle-iron bar B, occupying a position preferably in the center thereof and enough shorter than the superstructure to fall within and be completely embedded in the stone body A. This angle-bar may of course be provided with any suitable number of webs of any preferred shape, each having its free edge continuous and integral and provided with a plurality of bonding projections *c c*, extending beyond the plane thereof, each projection preferably extending in a different direction from the next succeeding projection, so that such projections are arranged throughout the length of the bar extending alternately inwardly and outwardly. These projections *c*, while not in any way weakening the bar B, will form bonding means for preventing the superstructure of artificial stone from breaking and tending to cause such stone to cling to the core.

As illustrated in Fig. 2, I may modify the form of the core B at will so long as I retain the same within the spirit and scope of the invention, and in said Fig. 2 I have shown an angle-iron bar B′ provided with bonding-flutes *c′*, which serve the same function as the projections *c*.

Having described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A fence-post comprising an artificial-stone body, an angle-bar embedded within the same having continuous integral edges, and teeth projections extending beyond the planes of said edges, substantially as described.

2. A fence-post comprising an artificial-stone body, an angle-bar embedded within the same having continuous, integral edges, and integral bonding projections extending beyond the planes of said edges, substantially as described.

VICTOR E. RANDALL.

Witnesses:
L. J. RANDALL,
E. P. PROPST.