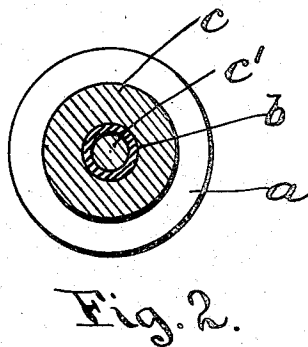
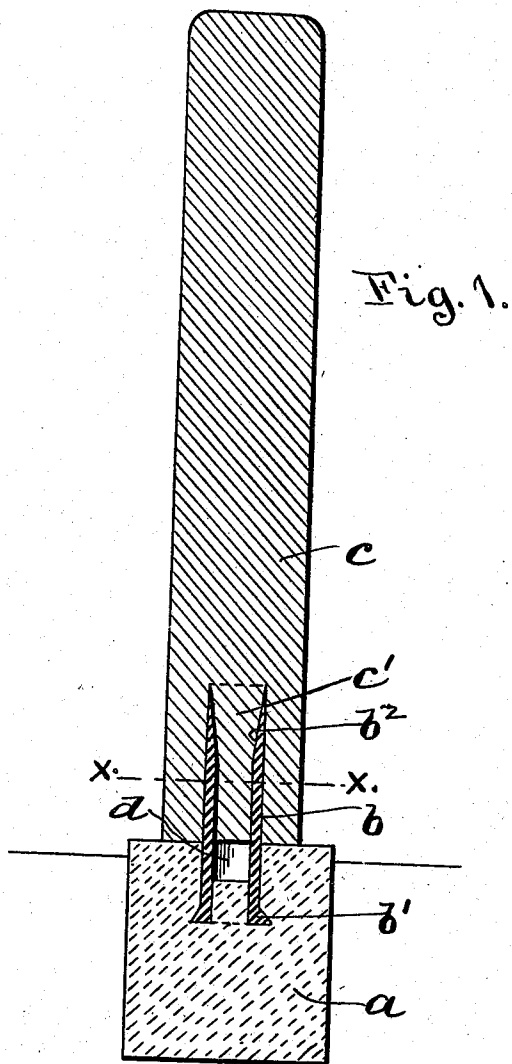


H. L. STILLMAN.
FENCE POST, TELEGRAPH POLE, AND THE LIKE.
APPLICATION FILED AUG. 11, 1908.

930,432.

Patented Aug. 10, 1909.



Witnesses:

Frederic A. Greene
Elsa B. Dana

Inventor:

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UNITED STATES PATENT OFFICE.

HERBERT L. STILLMAN, OF WESTERLY, RHODE ISLAND.

FENCE-POST, TELEGRAPH-POLE, AND THE LIKE.

No. 930,432.

Specification of Letters Patent.

Patented Aug. 10, 1909.

Application filed August 11, 1908. Serial No. 448,052.

To all whom it may concern:

Be it known that I, HERBERT L. STILLMAN, a citizen of the United States, residing at Westerly, Washington county, State of Rhode Island, have invented certain new and useful Improvements in Fence-Posts, Telegraph-Poles, and other Forms of Ground Posts and Poles, which improvements are fully set forth and described in the following specification, reference being had to the accompanying sheet of drawings.

This invention has relation to the construction of fence posts, telegraph poles, and other forms of posts and poles having a base of concrete and a top of wood, the portion of the part of said post or pole at and below the ground surface to be composed of concrete and the part above ground to be composed of wood connected by metal fastening.

The invention will be fully understood from the accompanying drawings, in which—

Figure 1 is a vertical section of one of my posts. Fig. 2 is a cross section of the same.

Referring by letter to said drawings, "a" shows concrete base, "b" shows metal dowel, "b'" shows headed end of same, "b'" shows cutting end of same, "c" shows wooden top, "c'" shows compressed tenon of same, "d" shows air chamber.

In operation after the base of the dowel has been molded in the base of concrete, I place said base in the ground with the doweled top just above the surface. I then

place the post centrally over the dowel and drive the post downward on the dowel until it connects with the said base.

In examining the vertical section of said dowel, it will be seen it is composed of a section of metal pipe with the lower end headed to prevent cutting into the concrete, and the upper end rendered sharp to cut the tenon in wood. It will be further seen to produce said cutting edge it is beveled at the top at the expense of the inner surface; this prevents splitting of post and compresses the tenon into a strong connecting wedge, the combination of the dowel and tenon giving a very strong, durable and rigid connection, and a cheap and durable post is obtained.

I claim—

A post comprising a concrete base and metallic dowel mounted therein, hollow throughout its length and provided at its upper end with a downwardly and inwardly beveled cutting edge, and at its lower end with a head whereby a portion of concrete fills the lower end of the dowel, and the surrounding concrete anchors the dowel head to the base, a wooden top upon the dowel whereby a compressed tenon is formed thereon by the upper inwardly beveled surface of the dowel.

HERBERT L. STILLMAN.

Witnesses:

ELSA B. DANA,
ANNIE AMISON.