No. 760,882. PATENTED MAY 24, 1904.

C. E. LITZINGER.

POST.

APPLICATION FILED JULY 29, 1903.

NO MODEL.

Fig. 1.

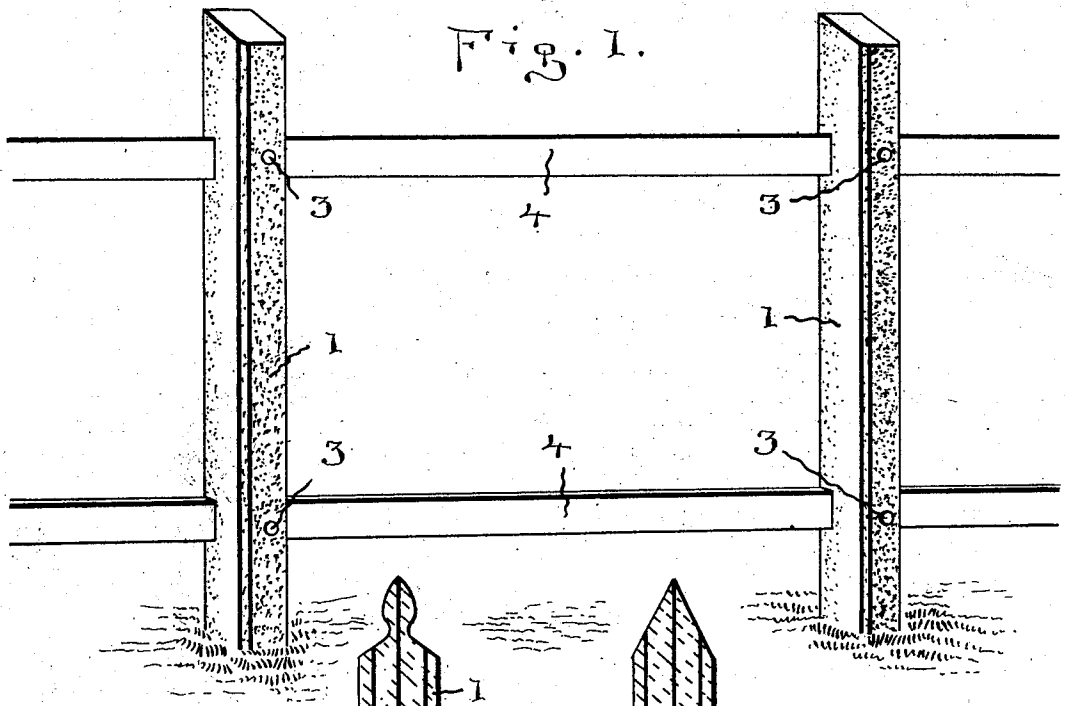


Fig. 2.

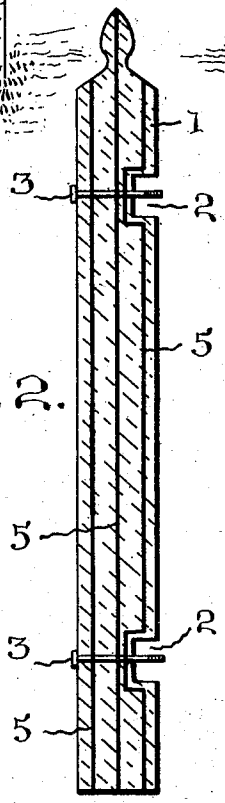
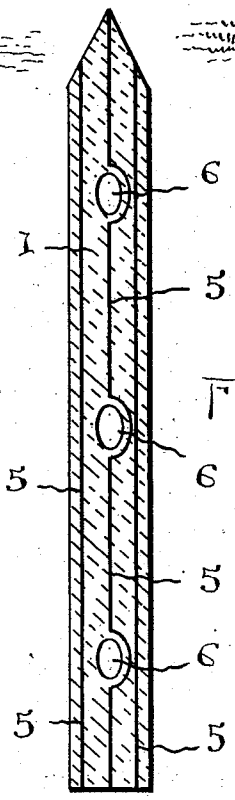


Fig. 3.



Witnesses

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No. 760,882. Patented May 24, 1904.

UNITED STATES PATENT OFFICE.

CHARLES E. LITZINGER, OF BALTIMORE, MARYLAND.

POST.

SPECIFICATION forming part of Letters Patent No. 760,882, dated May 24, 1904.

Application filed July 29, 1903. Serial No. 167,435. (No model.)

To all whom it may concern:

Be it known that I, CHARLES E. LITZINGER, a citizen of the United States, residing at Baltimore city, State of Maryland, have invented new and useful Improvements in Posts, of which the following is a specification.

My invention relates to new and useful improvements in posts and the method of making the same; and its object is to provide a post especially adapted for use in connection with fences, telegraph-lines, &c., said post being constructed of artificial stone or metal, whereby a durable and inexpensive device is produced.

With the above and other objects in view the invention consists in the novel construction and combination of parts hereinafter more fully described and claimed, and illustrated in the accompanying drawings, showing the preferred form of my invention, and in which—

Figure 1 is a perspective view of a portion of a fence employing my improved post. Fig. 2 is a vertical section through one form of post detached, and Fig. 3 is a similar section through a modified form of post.

Referring to the figures by numerals of reference, 1 is a post formed of a mixture of stone, sand, and cement which is molded preferably into rectangular form and provided with angular recesses 2 in one face, into which project bolts 3, which are adapted to be fastened in any suitable manner to fence-rails 4. Metal rods 5 are preferably embedded within the post and extend longitudinally thereof at suitable intervals, and these rods serve to strengthen the post and to prevent breakage thereof when struck violently by heavy objects.

In Fig. 3 I have shown a modified form of post in which the angular recesses 2 are dispensed with and in lieu thereof apertures 6 are arranged within the center of the post for the reception of the fence-rails.

By referring to Figs. 2 and 3 it will be seen that one of the rods is located at the center of the post and projects into and serves to strengthen any knob or other extension which may be formed at the upper end of the post. It will also be seen that one of the rods partly incloses each rail-receiving portion of the post and serves to strengthen the faces of the post contacted by the rails. The rods are detached from each other, and therefore no connecting means are necessary for holding them in proper relation to each other.

The posts may be made in any suitable form and are constructed by first providing a mold of the desired shape and then stringing the rods 5 therein. A mixture of cement, sand, and broken stone is then packed within the mold and around the rods 5, and the mold is so shaped as to form the rectangular recesses 2 or the passages 3, as desired.

In the foregoing description I have shown the preferred form of my invention; but I do not limit myself thereto, as I am aware that modifications may be made therein without departing from the spirit or sacrificing any of the advantages thereof, and I therefore reserve the right to make such changes as fairly fall within the scope of my invention.

Having thus described the invention, what is claimed as new is—

A fence-post formed of a mixture of stone, sand and cement and having angular recesses extending across one face thereof for the reception of fence-rails, reinforcing-rods embedded within the post and extending longitudinally thereof, and a reinforcing-rod within the post and having angular portions embedded within and parallel with the walls of the recesses, whereby said walls are strengthened and enlargement of the recesses prevented, and rail-engaging bolts extending through the post and within the center of the recesses.

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

CHARLES E. LITZINGER.

Witnesses:

O. PARKER BAKER,

HARRY K. STEVENS.