

H. S. PALMER.

Improvement in Fence-Posts.

No. 127,099.

Patented May 21, 1872.

Fig. 1.

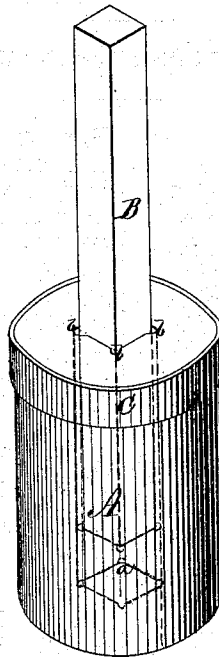
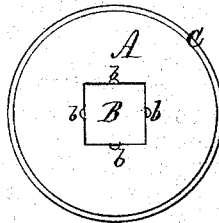


Fig. 2.



Witnesses
John A. Ellis
Sam T. Ellis

Inventor
Harmon J. Palmer
Per,
J. H. Alexander
Att'y.

UNITED STATES PATENT OFFICE.

HARMON S. PALMER, OF NORVELL, MICHIGAN.

IMPROVEMENT IN FENCE-POSTS.

Specification forming part of Letters Patent No. 127,099, dated May 21, 1872.

SPECIFICATION.

To all whom it may concern:

Be it known that I, H. S. PALMER, of Norvell, in the county of Jackson and State of Michigan, have invented certain new and useful Improvements in Sockets for Fence-Posts; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon which form a part of this specification.

The nature of my invention consists in the construction and arrangement of a "fence-post," as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 represents a perspective view, and Fig. 2 a bottom view, of my post-socket.

A represents the base of my fence-post, made round, of brick-clay, potter's-clay, or other suitable material, burned in the usual manner to the required hardness. The form of the base A being round, it can readily be pushed into a hole made with a common post-auger. Vertically through this base is a central opening, into which a wooden post, B, is inserted and cemented with any suitable water-proof cement, the base thus forming, as it were, a socket for the reception of the post. The post

B is not inserted all the way to the bottom of the socket A, but leaves a space, *a*, at the bottom, which space forms an air-chamber at the bottom of the post, and, in conjunction with vertical grooves *b b* made in the sides of the central passage, and forming ventilating-holes at the sides of the post, establish a circulation of air to aid the cement in keeping moisture from the post. The lower end of the post B may be made tapering, with the passage in the socket A to correspond, which would prevent the post from going into the socket any further than desired, and, in case the post should shrink from seasoning, it will settle into the socket and thus keep it tight. Around the upper end of the socket A is a metal band, C, which prevents the post from splitting the socket.

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

The combination of the socket A having central passage, the post B, air-chamber *a*, ventilating-holes *b b*, and with or without band C, all constructed and arranged substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing as my own I affix my signature in the presence of two witnesses.

HARMON S. PALMER.

Witnesses:

ALBERT E. PALMER,
ANDREW J. PALMER.