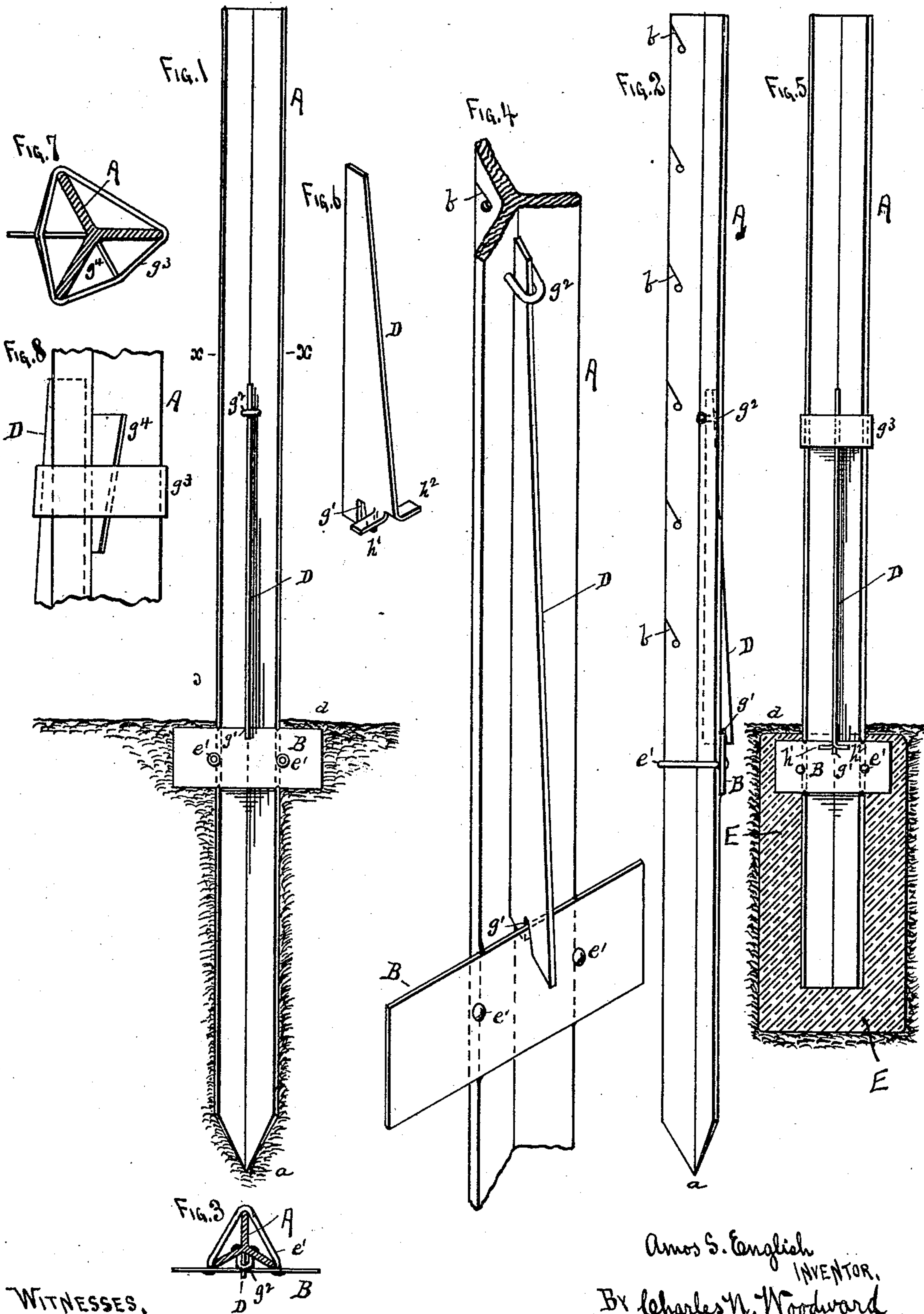


(No Model.)

A. S. ENGLISH.  
FENCE POST.

No. 543,802.

Patented July 30, 1895.



WITNESSES.  
*John Gomes*  
*A. Lindahl*

*Amos S. English*  
INVENTOR.  
*By Charles W. Woodward*  
Att'y.



# UNITED STATES PATENT OFFICE.

AMOS S. ENGLISH, OF ST. PAUL, MINNESOTA.

## FENCE-POST.

SPECIFICATION forming part of Letters Patent No. 543,802, dated July 30, 1895.

Application filed November 19, 1894. Serial No. 529,222. (No model.)

*To all whom it may concern:*

Be it known that I, AMOS S. ENGLISH, of St. Paul, in the county of Ramsey and State of Minnesota, have invented certain Improvements in Fence-Posts, of which the following is a specification.

This invention relates to fence-posts; and it consists in the construction, combination, and arrangement of parts, as hereinafter shown and described, and specifically pointed out in the claims.

In the drawings, Figure 1 is a front elevation, and Fig. 2 is a side elevation, of the post complete. Fig. 3 is a cross-section on the line  $x x$  of Fig. 1. Fig. 4 is an enlarged perspective view of the central portion of the post, showing its attachments. Fig. 5 is a front view similar to Fig. 1, illustrating a modification of the construction. Fig. 6 is a perspective view of the brace-plate, showing the form in which it will be made in the modification shown in Fig. 5. Fig. 7 is an enlarged cross-sectional view; and Fig. 8 is an enlarged side view of a section of the post, illustrating a modification in the construction.

A is the main body of the post, which will preferably be formed of Y iron or steel, as shown, but which may be of any other configuration and may be pointed or not at its lower end, as preferred.

At suitable intervals slits  $b$  are formed through one of the webs of the posts to receive and hold the wires which form the horizontal portion of the fence.

Across the post, at a point just below where the surface  $d$  of the earth will come when the post is driven into the ground, a plate B is secured by a clip  $e'$ , or other suitable fastening, to form a lateral brace to the post and assist in holding it solidly in the ground.

D is an upright brace-plate narrower at the top than at the bottom and fitting into the hollow space between two of the webs of the post, and provided in its lower edge with a notch  $g'$ , resting over the upper edge of the plate B, as shown, the notch being inclined on its inner side, so as to cause the plate B to be drawn closer to the post by the upward pressure of the earth against the plate B when the post is driven into the ground. The upper end of the brace-plate D is secured in place by a clip  $g^2$  or a ring  $g^3$ , as may be preferred.

A wedge  $g^4$  may also be employed to supplement the ring  $g^3$ , as in Figs. 7 and 8, if required.

In some kinds of soil a cement or clay base E may be employed upon the post, as in Fig. 5, the plate B and lower end of the brace-plate D being embedded in the cement or clay base. When the cement or clay base is employed, the lower end of the brace-plate D will be split up for a short distance and the split portions bent off sidewise, as at  $h' h^2$ , as shown in Figs. 5 and 6, the cement or clay being bedded around these bent-over portions to assist in holding the base in position. When clay is employed for the base E, it will be burned upon the post A, like ordinary brick, so as to be firmly secured in place. By this simple arrangement a very cheap and effective post is formed, which can be easily constructed and which will effectually resist all the strains to which it will be subjected, and which, being constructed entirely of metal, will not be affected by fire, which is of the utmost importance in large areas of the country.

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

1. In a fence post, the main post, a horizontal plate secured across the post at or near the level of the ground, and a perpendicular brace plate supported at its lower end by said horizontal plate and at its upper end to the body of the post, substantially as and for the purpose hereinbefore set forth.

2. In a fence post, the main post, a horizontal plate secured across the post at or beneath the level of the ground, and a perpendicular brace plate formed narrowest at its upper end and supported by an inclined notch fitting over said horizontal plate and a clip or ring embracing its upper part, whereby the upward pressure tends to strengthen the union between the parts, substantially as and for the purpose hereinbefore set forth.

3. In a fence post, the main post, a horizontal plate adapted to be secured across the post at or near the level of the ground, a perpendicular brace plate formed narrowest at its upper end and supported by an inclined notch fitting over said horizontal plate, a clip or ring embracing the upper part of said per-

pendicular plate, and a wedge inserted into said clip or ring, substantially as and for the purpose set forth.

4. In a fence post, the main post having a  
5 horizontal plate secured thereto, a perpendicular brace plate supported by its lower edge upon said horizontal plate and with portions of its lower edge turned off at right angles, and a cement or burnt clay base in-  
10 closing the lower end of said post, and brace

plates, substantially as and for the purpose hereinbefore set forth.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

AMOS S. ENGLISH.

In presence of—

C. N. WOODWARD,

A. LINDAHL.