(No Model.)

E. & B. HOLMES.

FENCE POST.

No. 302,910. Patented Aug. 5, 1884.

Fig. 1.

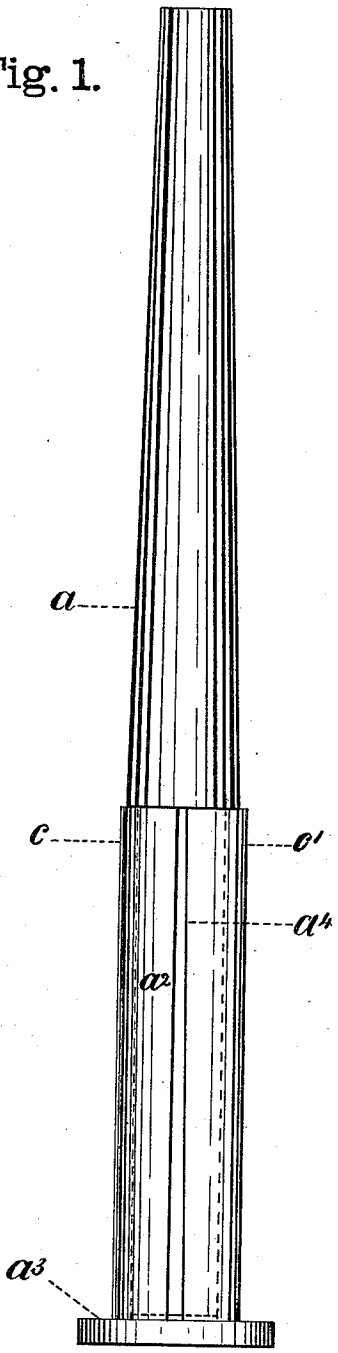


Fig. 2.

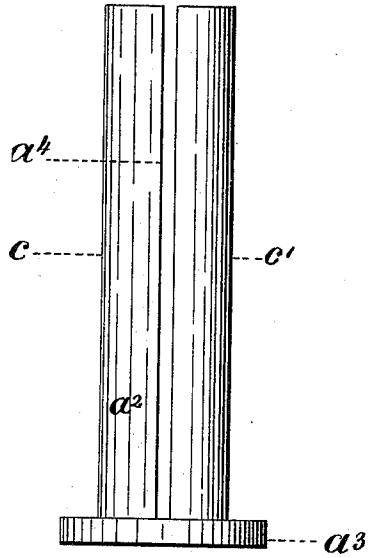
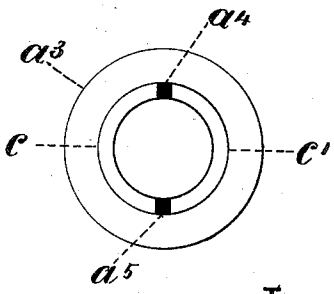


Fig. 3.



Witnesses.
J. M. Caldwell.
James Langster

Inventors.
E. & B. Holmes
By James Langster
Their Attorney

N. PETERS. Photo-Lithographer. Washington, D. C.

UNITED STATES PATENT OFFICE.

EDWARD HOLMES AND BRITAIN HOLMES, OF BUFFALO, NEW YORK.

FENCE-POST.

SPECIFICATION forming part of Letters Patent No. 302,910, dated August 5, 1884.

Application filed January 29, 1883. (No model.)

To all whom it may concern:

Be it known that we, EDWARD HOLMES and BRITAIN HOLMES, citizens of the United States, residing in Buffalo, in the county of Erie and State of New York, have invented certain new and useful Improvements in Fence-Posts, of which the following is a specification.

The object of our invention is to provide a cheap and durable fence-post of light weight, its construction being such that a smaller post can be used, thereby rendering it fitter to be treated in any of the well-known ways for preserving timber. Moreover, in consequence of its being smaller, a better quality of wood may be used—such as red cedar or other durable wood—as will be fully and clearly hereinafter shown by reference to the accompanying drawings, in which—

Figure 1 is a side elevation of a fence-post complete made according to our invention, showing the wooden post in place within the base a^2. Fig. 2 is a side elevation showing a detached view of a suitable base or support for the post. Fig. 3 is a top view of the same.

Our fence-post consists of a wooden portion, a, having a base or lower portion, a^2, made preferably of burned clay; but it may be made of any other suitable material, such as cement, concrete, or other suitable material sufficiently strong and durable for the purpose. It is constructed in the form of a tube, a^2, having a flange or base, a^3, forming a part of the same. The tubular portion is provided with slots or openings a^4 a^5—one on each side, as shown in Figs. 2 and 3—to allow for the expansion or warping of the wooden portion of the post, and to allow for slight differences in the size of the post. This arrangement would divide the tube a^2 into two parts, c c'. The object of the base or flange a^3 is to provide the means for more securely holding the post-holder in the ground after the earth has been firmly packed around it.

It will be readily seen that when the base is in the ground the flange a^3 will hold it down more securely in position. Furthermore, it secures and holds the bottom of the parts c c' together, but allows the upper portions to separate or come together sufficiently to receive posts of slightly-varying diameter.

The tubular portion a^2 may be round or of any other suitable form in cross-section. The post a is securely fastened in place within the tube by being fitted closely, or in any well-known way.

A fence-post prepared in this way is more durable, as the lower end of the wooden portion does not come in contact with the ground.

It will be seen from this construction that in the base a^2 the slots a^4 a^5 extend down to the flange a^3, and that as the thickness of the flange a^3 is only about one-twentieth of the length of the base, if the sides of the openings a^4 a^5 are sprung apart or toward each other, as shown in Fig. 1, about one-eighth of an inch, (more or less,) the springing of the flange a^3 will only be about one-twentieth of an eighth, which will be but little, and in this way posts of slightly-varying diameter may be put into the base, and when the earth is packed closely around it, the sides of the base will spring slightly, and be forced close to the post, and thereby hold it firmly in place.

We claim as our invention—

A fence-post consisting of the wooden portion a, provided with a base, a^2, having openings a^4 a^5 through the sides, and provided at the lower ends with a flange, a^3, forming a part of the base a^2, for holding the parts c c' together, and leaving a projection around the bottom of the base, substantially as and for the purposes specified.

EDWARD HOLMES.
BRITAIN HOLMES.

Witnesses:
J. M. CALDWELL,
JAMES SANGSTER.