(Model.)

A. O. BARNES.

FENCE AND GATE POST.

No. 264,998. Patented Sept. 26, 1882.

Fig: 1.

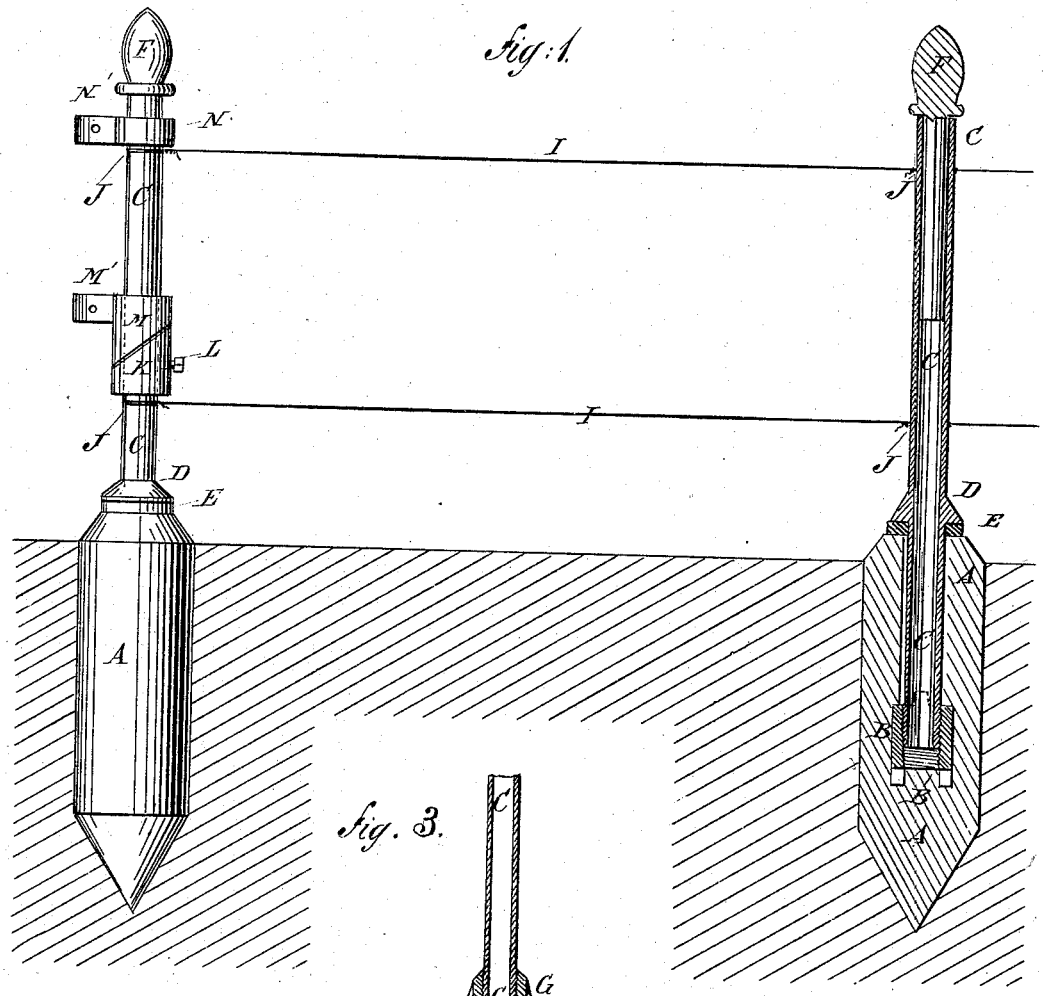


Fig. 3.

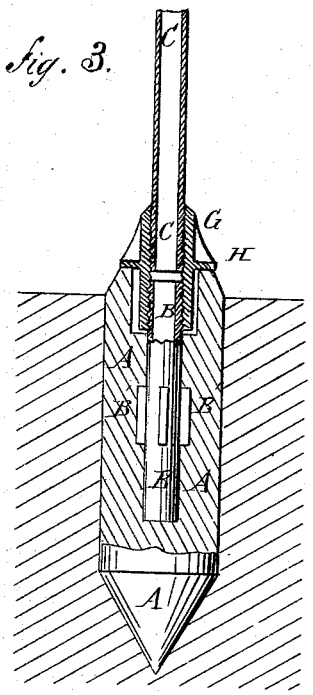
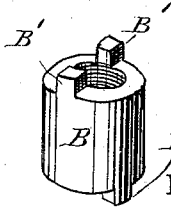


Fig: 2.



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ARTHUR O. BARNES, OF MOORE PARK, MICHIGAN.

FENCE AND GATE POST.

SPECIFICATION forming part of Letters Patent No. 264,998, dated September 26, 1882.

Application filed June 3, 1882. (Model.)

To all whom it may concern:

Be it known that I, ARTHUR OLIVER BARNES, of Moore Park, in the county of St. Joseph and State of Michigan, have invented a new and useful Improvement in Posts for Fences and Gates, of which the following is a full, clear, and exact description.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 represents a portion of a fence, showing a gate-post in side elevation and a fence-post in sectional side elevation. Fig. 2 is a perspective view of the nut or screw-collar for connecting the post and foot. Fig. 3 is a sectional elevation, showing a modification.

The object of this invention is to facilitate the erection of fence and gate posts and increase the durability of the said posts.

The invention consists in a post for fences and gates, constructed with a foot molded of cement and sand, with a conical lower end, and having an interior screw collar or sleeve, with which is connected the lower end of a post provided with an ornamental head and having a collar to rest upon the upper end of the foot, as hereinafter fully described.

A represents the post socket or foot, which is made of cement and sand or other suitable material. The socket A has a cylindrical body and conical ends, the upper end being truncated to form a shoulder at the upper end of the central perforation. The foot A is molded upon a tubular nut or screw-collar, B, into which the lower end of the post C is screwed, and which is made with projections B′ upon its ends or outer side to prevent it from turning in the foot A when the post C is being screwed in and out. The post C has a collar, D, formed upon it to rest upon the upper end of the foot A, a packing, E, of rubber, putty, sulphur, or other suitable material, being interposed between the end of the foot A and the collar D to make the joint water-tight when the post C is screwed into place. The post C is tubular, and into its upper end is driven the tightly-fitting stem of a knob or head, F, to serve as an ornament and finish to the top of the post, and to close the upper end of the said post water-tight.

In the modification shown in Fig 3, the collar B is made long, so that its upper end will reach to or nearly to the top of the foot A, and is kept from turning by projections B′ formed upon the outer surface. In this case a coupling-sleeve, G, is screwed upon the upper end of the collar B, and the lower end of the post C is screwed into the upper end of the said coupling-sleeve. The sleeve G has a collar, H, formed upon it to rest upon and cover the upper end of the foot A.

The fence-wires I are secured to the posts C by pieces of annealed wire, J, passed around the said posts C and wires I, and having their ends twisted together, the said wires being kept from slipping downward by nicks formed in the said posts.

To adapt the post for use as a gate-post a collar, K, is placed upon the lower part of the post C and is secured in place by a set-screw, L, so that the said collar can be raised and lowered to raise and lower the gate, as may be required.

M is a sleeve placed upon the post C, above the collar K, and provided with a slotted lug, M′, to receive the rear edge of the gate. The adjacent ends of the collar K and sleeve M are correspondingly beveled, as shown in Fig. 1, so that the gate will rise as it is swung open. Upon the upper part of the post C is placed a sleeve, N, which is fitted loosely, so that it will slide up and down as the gate is opened and closed. The lugs M′ N′ are perforated to receive the bolts by which the gate is secured to them. The above-described hinge, however, forms no part of the present invention; but I reserve to myself the right to make a separate application for Letters Patent therefor hereafter.

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

1. A post for fences and gates, constructed substantially as herein shown and described, and consisting of the foot A, having interior screw collar or sleeve, B, and the post C, having collar D and head F, as set forth.

2. In a post for fences and gates, the foot A, molded from cement and sand, with a conical lower end, and provided with an interior screw sleeve or collar, B, having projections B′, substantially as herein shown and described, to adapt the foot to receive and support a post, as set forth.

ARTHUR OLIVER BARNES.

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