H. DELANO.

FENCE-POST.

No. 191,941. Patented June 12, 1877.

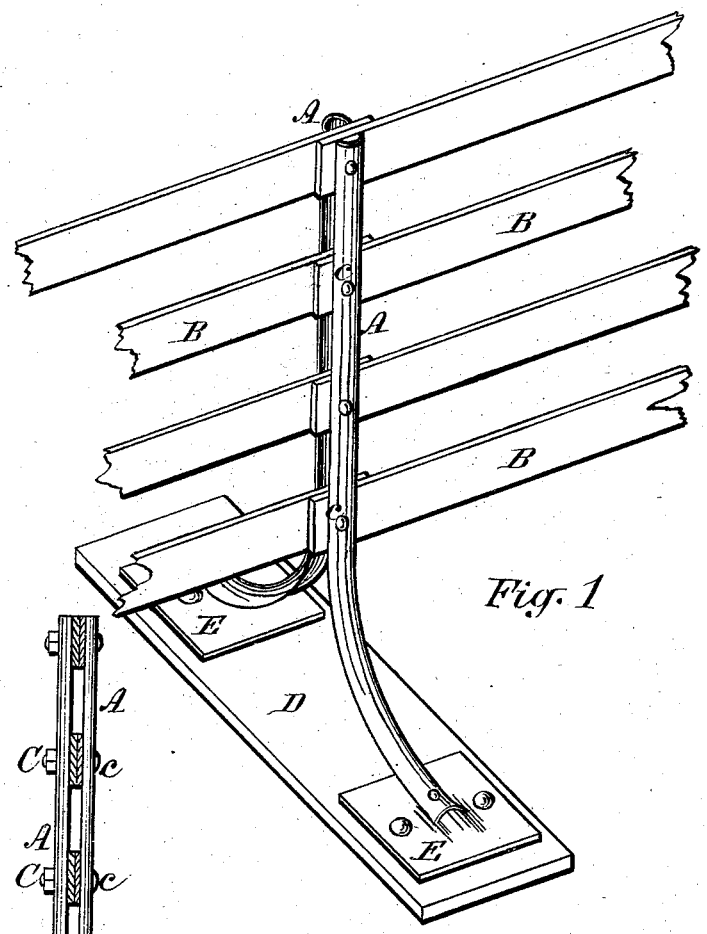

Fig. 1

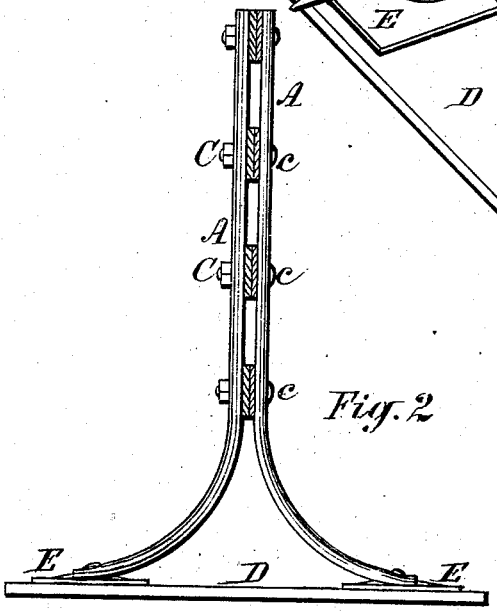

Fig. 2

WITNESSES:

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UNITED STATES PATENT OFFICE.

HOWARD DELANO, OF SYRACUSE, ASSIGNOR TO HIMSELF AND RALPH DEWEY, OF OTTO, NEW YORK.

IMPROVEMENT IN FENCE-POSTS.

Specification forming part of Letters Patent No. **191,941**, dated June 12, 1877; application filed December 29, 1876.

To all whom it may concern:

Be it known that I, HOWARD DELANO, of Syracuse, in the county of Onondaga and State of New York, have invented a new and useful Improved Fence, of which the following is a full, clear, and exact description, reference being had to the annexed drawings, in which—

Figure 1 represents an isometrical perspective, and Fig. 2 a cross-section thereof.

The letters of reference used represent corresponding parts wherever they occur.

The general object of my invention is to make a fence which can be used either as permanent or portable, and which also can be readily adjusted to rough or uneven ground.

This adjustability is obtained without requiring the panels B to be especially constructed to accomplish that result, as will be readily seen from the manner of construction and operation hereinafter set forth.

Most of the portable fences require special construction to allow the fence to adapt itself to uneven ground.

My fence is made as follows, and as a part of my invention consists of the posts I will first describe their construction.

I first take pieces of iron A A, flat or half round, or with the inner surface concave and the outer convex, like a piece of gas-pipe cut in two longitudinally, or of any other desired form, to obtain biting or clamping edges of the desired length, and bend them to the shape shown in the drawings, Fig. 2, and at the proper points punch or drill holes in them. The location of these holes will vary with the style of fence made.

Two of these pieces, when put together in proper position, form an iron post very simple in construction, durable, and cheap.

It will be readily understood that the lower parts are bent, as shown in the drawings, to brace up the fence and give it lateral support and stiffness.

Having thus made my posts, I take boards, and, having bored holes in each one a short distance from the ends, equidistant from each other, place them in proper position between the halves of the posts, insert bolts *c* through the holes in the posts and boards, screw up the nuts C tightly, and the fence is complete.

The holes in the ends of the boards are bored at such distances from the ends as to allow the boards to lap over each other, as shown in Fig. 1 of the drawings. For all ordinary purposes a lap of six to eight inches is enough.

Any ordinary difference in the thickness of the boards makes no difference, as the halves of the posts can be readily drawn in by the bolts sufficiently to hold the boards tight.

When intended for permanent use, the fence can be stiffened and held more firmly upright against any lateral force by fastening the lower ends of the halves of the post to a sill, D, of wood, or iron plates E, as shown in the drawings, and then covering them with earth, or in any other suitable manner.

The post, in fact, consists of bisected perforated metallic sections, having biting or clamping edges, between which the panels are secured by independent clamping-bolts. The sections which form the post are placed opposite to each other with the panels between them, and when the sections are tightened by the bolts an equal pressure will be exerted upon each section, so as to embed their edges into the panels.

This prevents the sections from being spread when being tightened.

The form of the sections renders them strong and better able to resist the pressure of the screw-bolts without spreading.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. A fence-post having two perforated metallic sections with biting or clamping edges, in combination with independent clamping-bolts and wooden panels or rails.

2. A fence-post consisting of the vertical bisected metallic biting or clamping sections secured to the panels by screw-bolts, and having foot flaring extensions secured to a base, substantially as herein set forth.

H. DELANO.

Witnesses:

E. W. KINNE,

C. W. SMITH.