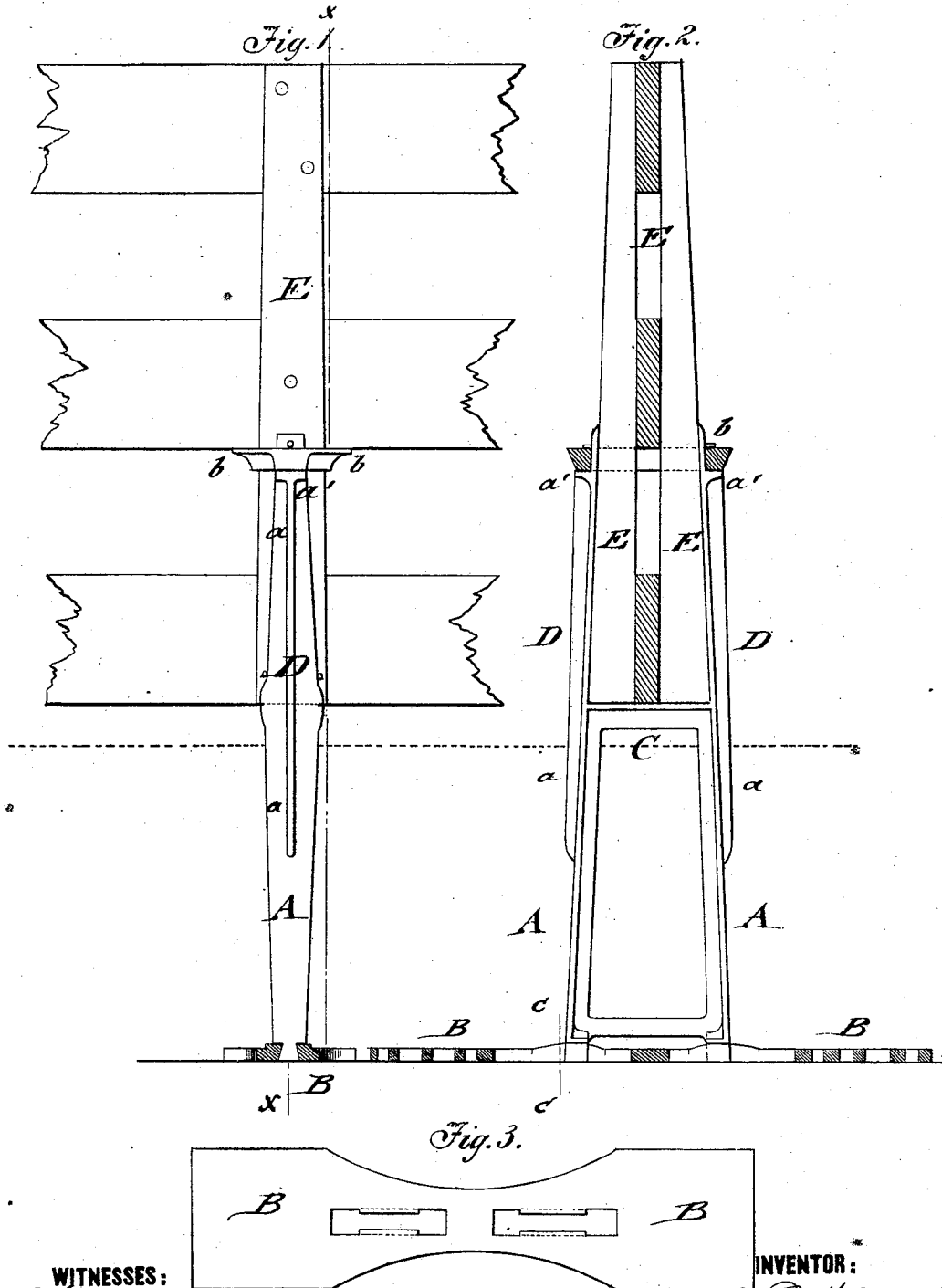


J. E. WARREN.
Fence-Post.

No. 163,954.

Patented June 1, 1875.



WITNESSES:
Chitquiek
Alex. F. Roberts

INVENTOR:

BY

J. E. Warren
Munn
ATTORNEYS.

UNITED STATES PATENT OFFICE.

JOHN E. WARREN, OF WESTBROOK, MAINE.

IMPROVEMENT IN FENCE-POSTS.

Specification forming part of Letters Patent No. **163,954**, dated June 1, 1875; application filed March 13, 1875.

To all whom it may concern:

Be it known that I, JOHN E. WARREN, of Westbrook, in the county of Cumberland and State of Maine, have invented a new and Improved Fence-Post, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a side elevation of my improved fence-post, partly in section, through the base-plate, on the line *c c*, Fig. 2. Fig. 2 is a vertical transverse section of the fence on the line *x x*, Fig. 1; and Fig. 3, a bottom view of the base-plate of the post.

Similar letters of reference indicate corresponding parts.

The invention will first be fully described, and then pointed out in the claim.

In the drawing, A represents the upright supporting standard or frame-work for the posts, which is provided with a base or foot plate, B, of suitable length and width, that is either cast in one piece therewith or attached by dovetailed cleats to corresponding slots of the base-plate, as in the drawing, or in any other suitable manner, with the foot-plate, extending transversely to the line of the fence. The foot-plate and standard are embedded into the earth at such depth below the surface that the superincumbent earth, bearing on the foot-plate, secures the post applied to the standard in upright position. The standard A is provided, at suitable height above the ground, with a lateral brace-piece or platform, C, for supporting therein the lower ends of the upright studs or posts E, and also the lower board rail, passing between the studs at such height that they are out of the reach of the decaying influences of the soil. The standard A is cast with upright extension-arms D, of suitable length, which are slightly inclined toward the center line of the post, and stiffened by outer flanges *a*. The flanges *a* form, at their upper ends, outwardly-projecting

shoulders or seats *a'*, to support thereon a cast-iron collar, *b*, that passes around the extension-arms and studs for binding them rigidly together.

The collar *b* may be held firmly in position on the extension-arms by means of nails or staples driven through perforations of the arms into the studs.

The studs or half-posts E are made of such thickness that they fill, together with the intermediately-placed rails, the space between the extension-arms of the standard, which are extended to any desired height, and sloping or inclined at the outer sides, for securing a greater base, a better appearance, and, in connection with the collar, a rigid attachment of the whole wooden superstructure to the supporting-standard.

The broad rails next above the lower rails are seated on the binding-collars of the standards, and fastened with suitable nails to the studs, while the top rails are held between the studs and nailed or otherwise attached thereto.

The standards, studs, and rails form a board fence of considerable strength, with neat and attractive outside appearance.

The before-described combination, without the foot-plate, may be secured to a stone base by cementing the lower end of the legs or lateral brace-supports of standard into holes drilled in the stone for the purpose.

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

A fence-post consisting of extension-standards A D, collar *b*, and studs E, all constructed substantially as and for the purpose specified.

JOHN E. WARREN.

Witnesses:

JAS. DUNNELL,
CLARENCE HALE.