

(No Model.)

W. WINDUS.
TOY FENCE.

No. 473,247.

Patented Apr. 19, 1892.

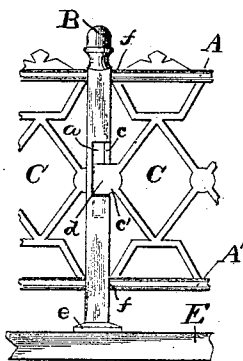
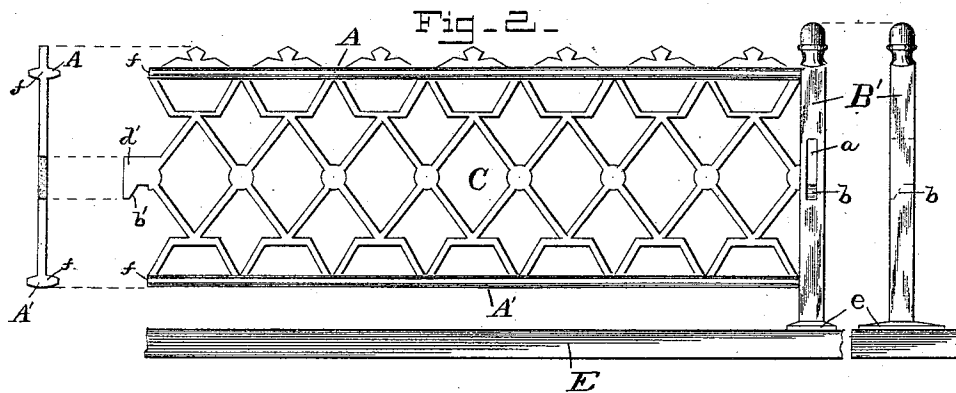
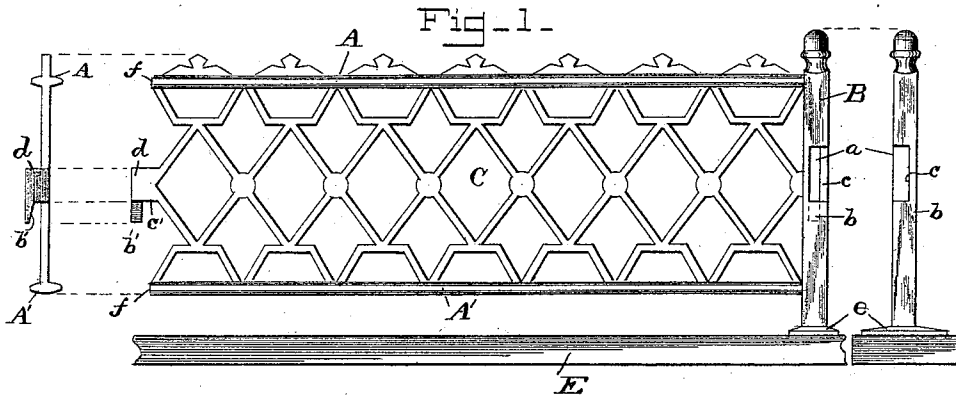


Fig - 3 -

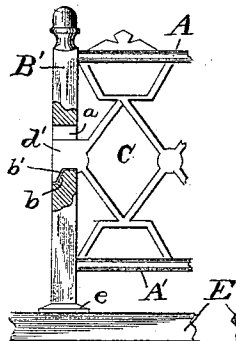


Fig - 4 -

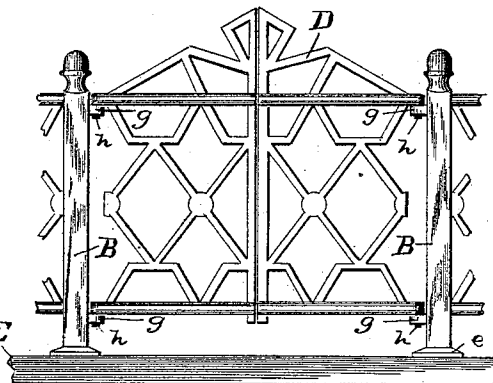


Fig - 5 -

Witnesses:
Otto H. Ehlers.
J. Parker Davis.

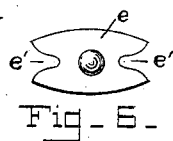


Fig - 6 -

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UNITED STATES PATENT OFFICE.

WERNER WINDUS, OF BALTIMORE, MARYLAND.

TOY FENCE.

SPECIFICATION forming part of Letters Patent No. 473,247, dated April 19, 1892.

Application filed January 21, 1892. Serial No. 418,810. (No model.)

To all whom it may concern:

Be it known that I, WERNER WINDUS, a citizen of the United States, residing at Baltimore city, in the State of Maryland, have invented certain new and useful Improvements in Toy Fences, of which the following is a specification.

This invention relates to toy fences, such as are used with Christmas-trees and for like purposes, and is an improvement on the arrangement shown in my former patent, No. 444,681, dated January 13, 1891, the object being to simplify and render more effective the construction for connecting the panels together.

To this end the invention consists in the novel features of construction and combinations of parts hereinafter described and claimed.

The invention is illustrated in the accompanying drawings, in which—

Figure 1 shows a side view of a panel of the fence constructed at each end for connection with a panel extending in the same direction, and also shows projected end views. Fig. 2 shows similar views of a panel constructed at each end for corner connection. Fig. 3 is a detail side view illustrating the ends of two panels like Fig. 1, connected together to extend in line with each other. Fig. 4 is a similar detail view illustrating the manner of connecting two panels at a corner, part of the post being broken away to better disclose the construction. Fig. 5 shows how a gate is provided in the fence, and Fig. 6 is a top view of a post.

Each panel of the fence comprises a horizontal top and bottom rail A A', a vertical post at one end, and ornamental frame-work C between the top and bottom rails. The panel is made in one piece, preferably of cast metal. Each post has formed on its lower end a flat-bottomed base-plate e, which will rest flat on any level surface, and thereby keep the post upright. This base-plate has notches e' in two opposite sides for screws to engage in securing the fence on a board E or other suitable base. Each post has a vertical slot a at its middle, extending through it in a direction crosswise of its length. Said slot has a beveled extension b at the lower end in one side of the post. It is a desideratum to have the

slot a pass through the post in a direction crosswise of the length of the panel instead of passing in the longitudinal direction, as thereby the panel and post may be molded and cast without using a sand core for forming the slot.

Panels that are for the straightforward extension of the fence, as that shown in Fig. 1, will have a post B, with a lateral cut-away c at the vertical slot a. Such panels will have at their opposite end a laterally-projecting hook d on the end of a shank c', extending in a straight line with the central part of the frame-work C. The lower end of the hook has a beveled inner side b'. The hook d projects beyond a vertical line drawn between the extremities f of the top and bottom rails. In connecting two panels thus constructed, as shown in Fig. 3, the laterally-projecting hook d of one panel is entered through the upper part of the vertical cross-slot a in the post B of the other panel, the lateral cut-away c of the said slot receiving the shank c'. The panel having the hook is then lowered and the lower end of the hook drops into the downward extension b of the slot, and the beveled side b' of said hook slides on the beveled extension b of the slot and draws the two panels together and brings the extremities f of the rails close against the post. This construction of lateral cut-away c and lateral hook d has the effect to bring the outer surface of the two panels in perfect alignment.

Panels that are for a corner connection, as the panel shown in Fig. 2, will have posts B', provided with slots a without the cut-away c, and the hook d' will extend straightforward without any lateral extension, as in the former case. The lower end will have the beveled side b'. (See Figs. 2 and 4.)

Where a gate is to be provided, the panels on each side of the gate will have confronting posts B, as shown in Fig. 5, which will be provided with ordinary hinge-lugs g to receive the hooks h on the gates D.

It is obvious that a panel may have provision for corner connection or for connection with another panel extending in the same line at both of its ends; or a panel may be constructed for a corner connection at one end and an intermediate or straightforward connection at the other end.

It will be seen my construction is simple and strong and enables the fence to be cheaply made by casting and very readily set up and taken down. At the same time when fitted
5 together the panels are securely held.

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

10 In a toy fence, the combination of panels, each having at one end a post with a transverse vertical slot having a beveled downward

extension and at its opposite end, about the center of the panel, a projecting hook with a beveled side, the said hook of one panel engaging the post of the adjacent panel in its
15 slot, substantially as described.

In testimony whereof I affix my signature in the presence of two witnesses.

WERNER WINDUS.

Witnesses:

JNO. T. MADDOX,
FRANK P. DAVIS.