J. A. SMITH.

TOY FENCE.

APPLICATION FILED JAN. 19, 1912.

1,049,933.

Patented Jan. 7, 1913.

Fig. 1.

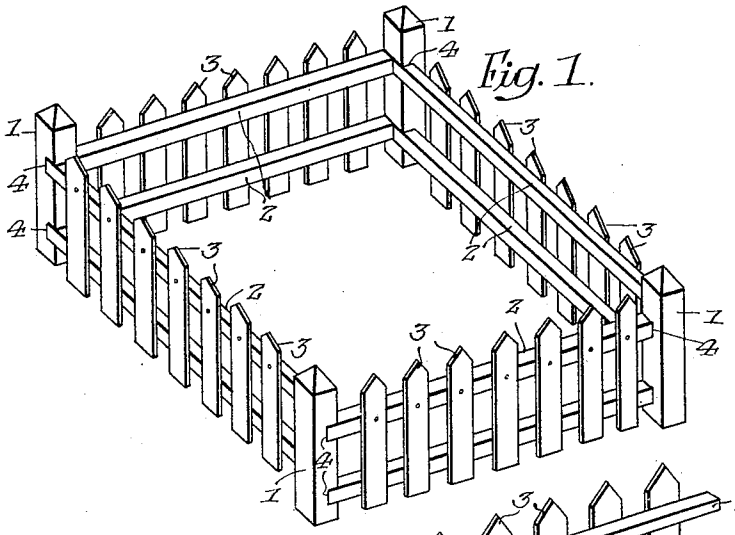


Fig. 6.

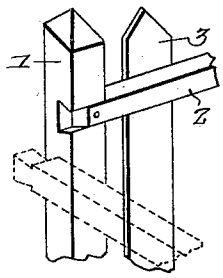


Fig. 2.

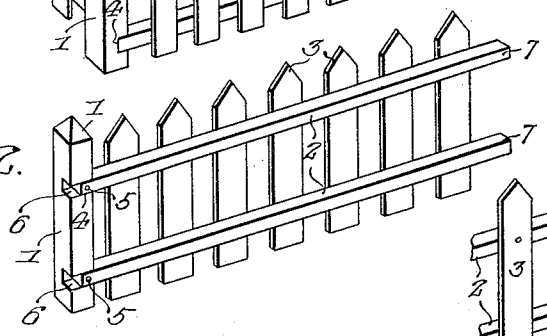


Fig. 5.

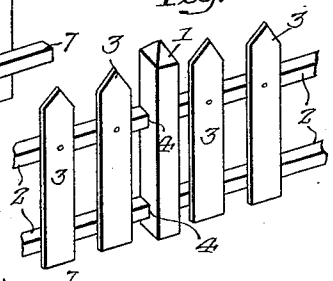


Fig. 3.

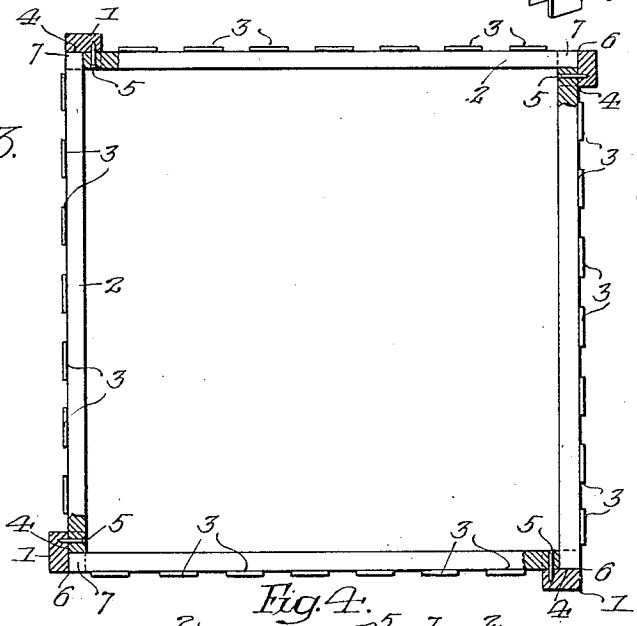


Fig. 7.

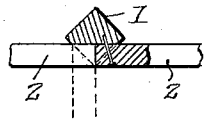
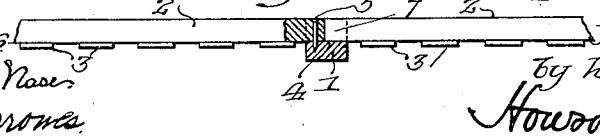


Fig. 4.



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UNITED STATES PATENT OFFICE.

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TOY FENCE.

1,049,933. Specification of Letters Patent. Patented Jan. 7, 1913.

Application filed January 19, 1912. Serial No. 672,232.

To all whom it may concern:

Be it known that I, JOSEPH A. SMITH, a citizen of the United States, residing in Philadelphia, Pennsylvania, have invented certain Improvements in Toy Fences, of which the following is a specification.

My invention relates to fences or inclosing structures; and the object of my invention is to provide a toy fence of simple construction, comprising sections or units exactly alike which may be connected together in continuous lengths, or as inclosing structures, without the use of extraneous fastening means. These and other features of my invention are more fully described hereinafter, reference being had to the accompanying drawings, in which:

Figure 1, is a perspective view of a simple form of inclosure made up of unit sections embodying my invention; Fig. 2, is a perspective view of one of the sections; Fig. 3, is a plan view of the structure illustrated in Fig. 1; Fig. 4 is a plan view of a pair of the sections showing the manner in which the same are connected together for longitudinal disposition; Fig. 5, is a perspective view illustrating a detail of the structure; Fig. 6, is a perspective view illustrating a modified detail of my invention, and Fig. 7, is a sectional view illustrating a modified construction.

The unit fence sections forming the subject of my invention may be set up in continuous lengths extended indefinitely, or in suitable polygonal form as may be desired.

Each section comprises a post 1; a plurality of rails or bars 2, usually two in number. although if increased height is desired, more may be provided, and palings 3, secured to said rails.

Each post is notched for the reception of the bars 2, as indicated at 4, and the ends of said bars usually occupy one-half of such notch, being secured to the post by suitable fastening means, such as nails or brads 5. In this arrangement the notches extend across one face of the posts and leave sockets 6 adapted to receive the ends 7 of the bars or rails of an adjoining or independent section; such sockets being of a dimension that will permit the rails to be jammed therein, affording sufficient frictional contact to hold the fence in any desired position without the use of other fastening means.

If desired, the notches or grooves in the posts may be dovetailed, as indicated in Fig. 6, and the rails provided with dovetailed ends adapted to fit the same so that the sections may be connected together without danger of pulling apart.

Another arrangement is illustrated in Fig. 7, in which the corner of the post is notched instead of notching the face of the post; the bars being connected therewith in a manner similar to those shown in Figs. 1, 2, *et seq.* In most instances, however, the simple notching of the posts; one end of the bars being permanently secured therein, while the other ends are in frictional connection therewith, as illustrated in Figs. 1, 2, 3 and 4, will be sufficient for the use of the fence.

The structure forming the subject of my invention is extremely simple, easy of manufacture by reason of the simple notching of the posts to receive the rails, an operation which may be performed upon a plurality of said posts at one operation, and easy of assembly.

I claim:

1. In a fence construction, a unit section comprising a post, rails, and palings, one end of said rails being attached to the post, and the latter being provided with grooves or recesses for the reception of said rails, the latter being so disposed as to provide in the same grooves or recesses space for the reception of the rails of an adjacent section.

2. The combination, in a toy fence, of a series of unit sections each comprising a post, rails, and palings carried by said rails, and means for securing one end of said rails to the post, said posts having notches or recesses for the reception of said rail ends, which are so disposed as to provide space for the rail ends of an adjacent section, said latter rail ends being held by frictional contact.

3. The combination, in a toy fence, of a series of sections each comprising a post, a plurality of rails, and palings carried by said rails, said post being notched on one

face to receive one end of the rails, and means for securing said rail ends to the post, the notches receiving said rail ends forming recesses for the reception of the rail ends of an adjacent section which are frictionally retained therewith.

In testimony whereof, I have signed my name to this specification, in the presence of two subscribing witnesses.

JOSEPH A. SMITH.

Witnesses:
MURRAY C. BOYER,
WM. A. BARR.