Oct. 26, 1943. W. L. COLE 2,332,989

TOY FENCE

Filed July 16, 1943 2 Sheets-Sheet 1

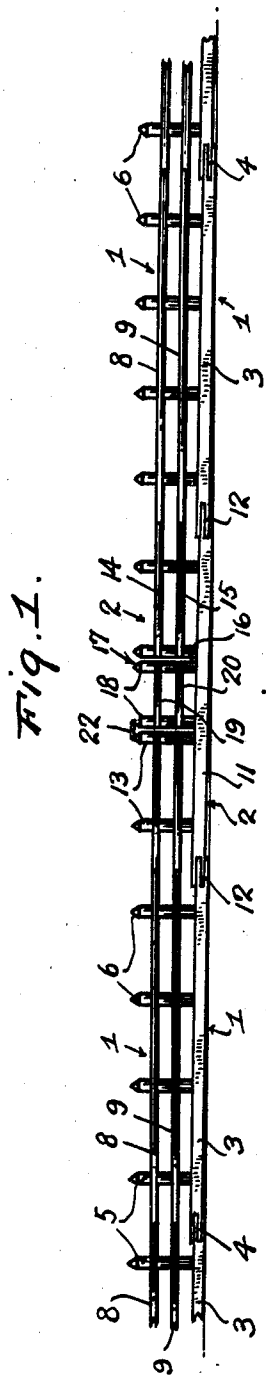


Fig. 1.

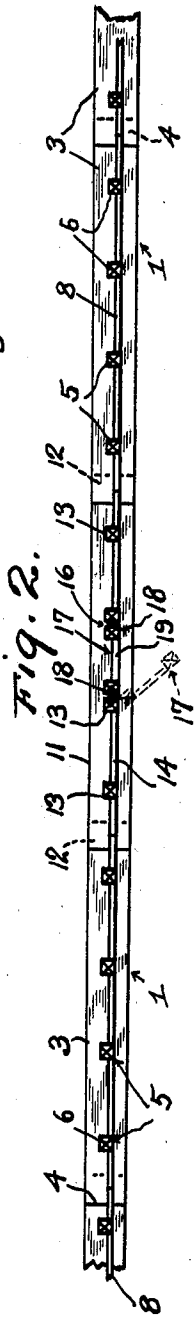


Fig. 2.

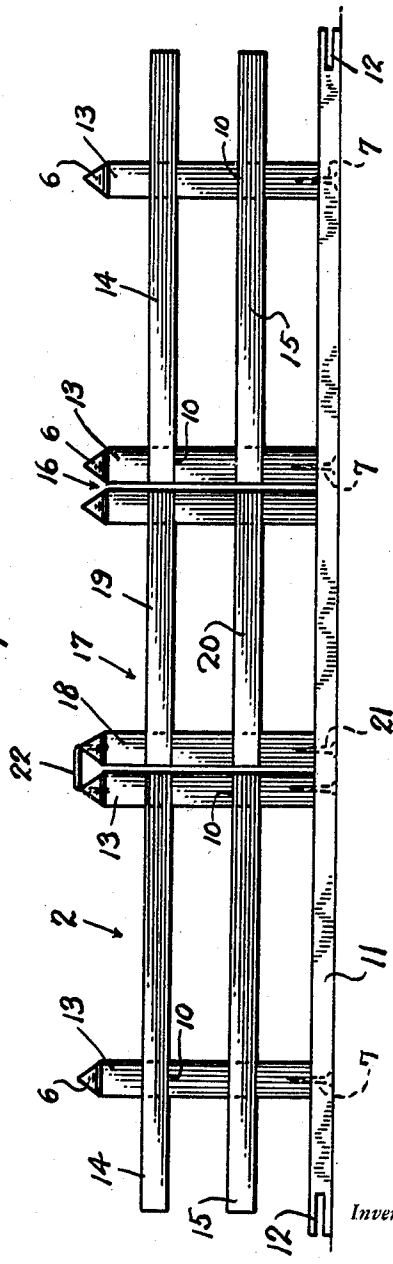


Fig. 3.

Inventor

W. L. Cole

By Clarence A. O'Brien and Harvey B. Jacobson

Attorney.

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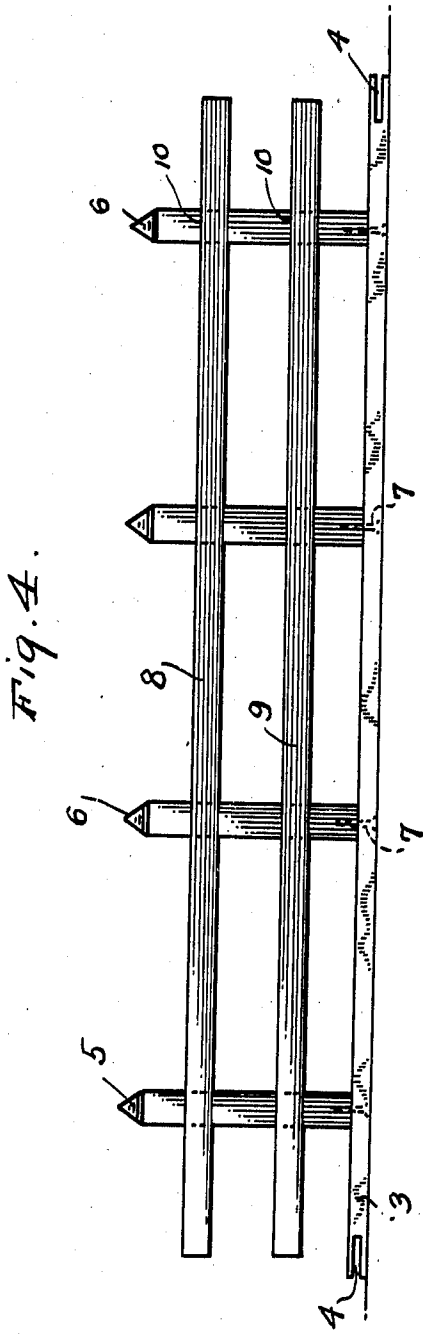


Fig. 4.

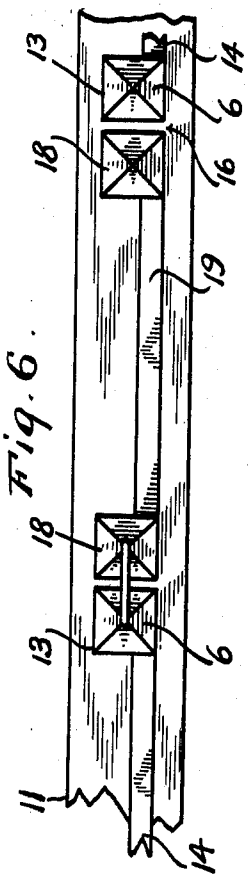


Fig. 6.

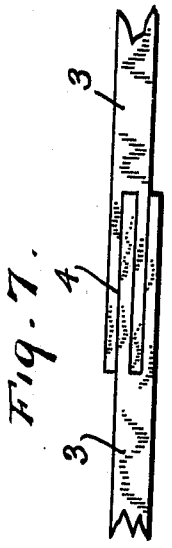


Fig. 7.

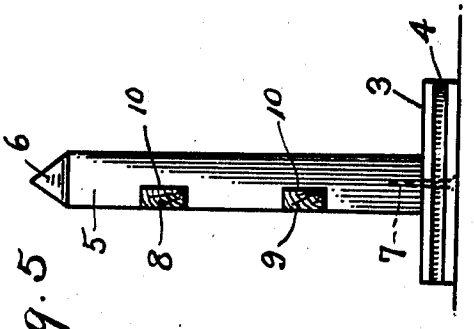


Fig. 5

Inventor

W. L. Cole

By Clarence A. O'Brien and Harvey B. Jacobson

Attorneys

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2,332,989

TOY FENCE

Wilbur L. Cole, Warren, Ohio

Application July 16, 1943, Serial No. 494,993

4 Claims. (Cl. 256—25)

My invention relates to improvements in toy fences, the principal object in view being to provide a simply constructed rail type fence embodying sections adapted to be frictionally interlocked in coplanar, or, variable angular relation, to form enclosures of different shapes, and a gate section which may be interposed in any desired location in the line of the fence.

Another object is to provide a fence of the character above set forth which is strong, may be manufactured at a low cost, and may be easily set up by a small child.

Other and subordinate objects are also comprehended by my invention, all of which, together with the precise nature of my improvements, and the advantages thereof, will be readily understood when the succeeding description and claims are read with reference to the drawings accompanying and forming part of this invention.

In said drawings:

Figure 1 is a view in side elevation of a toy fence constructed in accordance with my invention in its preferred embodiment,

Figure 2 is a view in top plan,

Figure 3 is a view in side elevation of the gate section drawn to an enlarged scale,

Figure 4 is a similar view of one of the unbroken sections.

Figure 5 is a view in end elevation of the same drawn to a further enlarged scale.

Figure 6 is a view in top plan of the gate section drawn to a further enlarged scale, and

Figure 7 is a fragmentary view in side elevation of the interlocking joint by which the base bars are connected, and drawn to an enlarged scale.

Reference being had to the drawings by numerals, my improved toy fence, as illustrated, comprises unbroken sections 1, and a gate section 2.

Each unbroken section comprises a flat, relatively broad, base bar 3 provided in each end thereof with a rectangular notch 4 extending longitudinally of the bar in the horizontal plane thereof. Arising from the base bar 3 is a plurality, preferably 4, of transversely rectangular posts 5, equidistantly spaced apart along the base bar and having pointed upper ends 6. Each post 5 is detachably connected to the base bar 3 by means of a nail 7 driven upwardly through the bar 3 and loosely into the lower end of the post. The unbroken sections 3 each include a pair of upper and lower, transversely rectangular, rails 8, 9, detachably fitted into upper and lower rectangular recesses 10 provided in the posts 5 on one and the same side of the latter. As will be understood, the rails 8, 9 frictionally interlock with the recesses 10 and extend parallel with the base bar 3. The ends of the rails 8, 9 are vertically aligned with the vertical center of the notches 4 so that when the sections 1, 2 are connected together, in a manner to be described, the ends of the rails 8, 9 of adjoining sections will abut to form a substantially continuous rail fence.

The gate section 2 comprises a base bar 11 with notched ends 12 and posts 13 all as described with reference to the unbroken sections 1. Upper and lower rails 14, 15 are attached to posts 13 of said section 2 in the same manner as described with reference to the rails 8, 9 but terminate at the intermediate posts 13 of the section to form a gateway 16. A gate 17 is provided in the gateway 16 comprising a pair of side posts 18, similar to the other posts described, and a pair of upper and lower rails 19, 20 set into said posts 18 in the same manner as the other rails but suitably fixed in place. One of the posts 18 is hingedly, or swingably, mounted at its lower end on a nail 21 similar to the nails 7, and at its upper end is swingably connected to an adjacent post of the section by a staple-like fastener 22 inserted downwardly into the upper ends of said posts 18, 13.

The sections 1, 2 are connected together by interlapping the notched ends 12 thereof, as best shown in Figures 1 and 7, whereby friction-locking hinged joints are formed between said sections providing for swinging of the sections into variable angular relation. As will now be clear, the rails 8, 9 may be detached from the posts 5, likewise the rails 14, 15 of the posts 13, and the posts detached from the base bars 3, 11 so that the entire fence may be knocked down for packing or storage in a small space and for setting up in sections when desired.

The foregoing will, it is believed, suffice to impart a clear understanding of my invention without further explanation.

Manifestly the invention, as described, is susceptible of modification without departing from the inventive concept, and right is herein reserved to such modifications as fall within the scope of the appended claims.

What I claim is:

1. A toy fence comprising sections each including a flat base bar, posts arising from said bar and rails connecting the posts, the base bars having notched ends interfitting to form friction-locking swing joints between the sections.

2. A toy fence comprising sections each including a flat base bar, posts arising from said bar

and rails connecting the posts, the base bars having notched ends interfitting to form friction-locking swing joints between the sections, said bars having pins upstanding therefrom and extending loosely into said posts whereby the latter are detachably attached to said bars.

3. A toy fence comprising sections each including a flat base bar, posts arising from said bar and rails connecting the posts, the base bars having notched ends interfitting to form friction-locking swing joints between the sections, said posts having side notches therein and said rails being frictionally fitted in said notches for removal from said posts.

4. A toy fence comprising sections each including a flat base bar, posts arising from said bar and rails connecting the posts, the base bars having notched ends interfitting to form friction-locking swing joints between the sections, one of said sections including a gate embodying a side post arranged alongside another post, a pin upstanding from the base bar and upon which the lower end of the side post is swingable, and a staple-like fastener inserted downwardly into the upper ends of said side and other post and about which the upper end of said side post is swingable.

WILBUR L. COLE.