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TOY BRIDGE CONSTRUCTION

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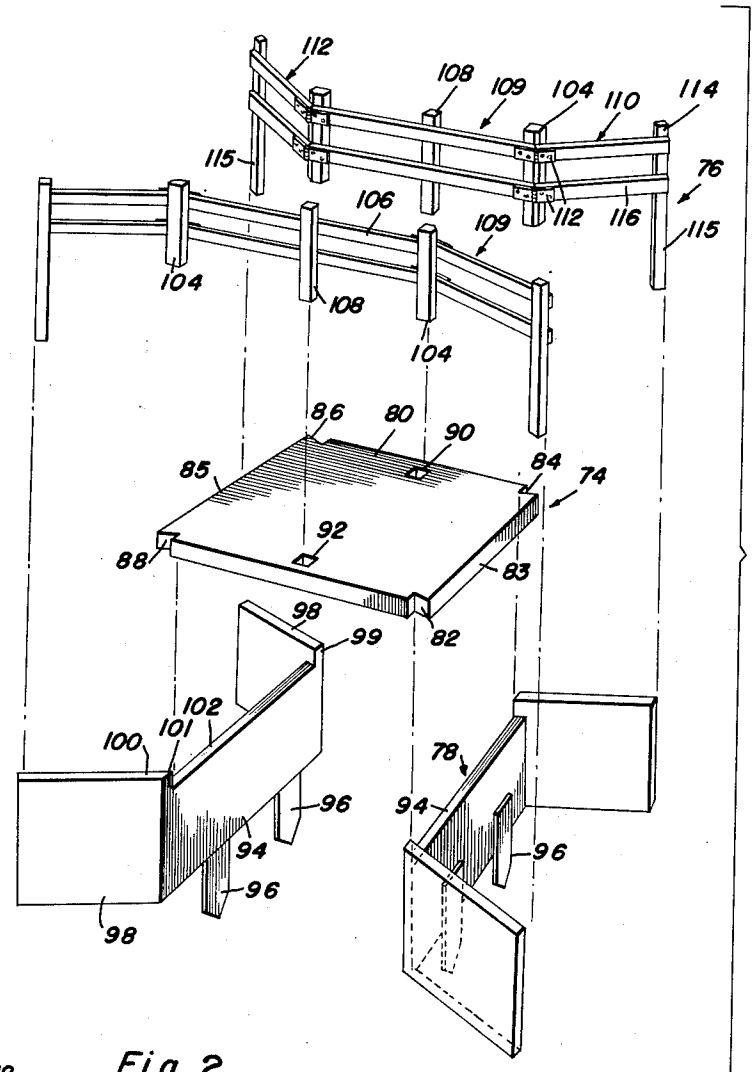


Fig. 1.

Fig. 2.

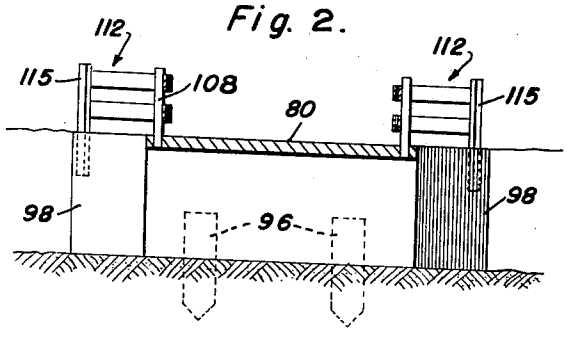
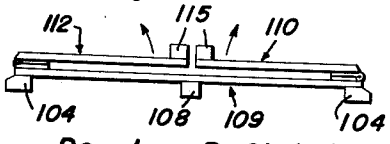


Fig. 3.



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TOY BRIDGE CONSTRUCTION

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Application February 8, 1951, Serial No. 209,992

1 Claim. (Cl. 46—17)

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The present invention relates to improvements in toys and more particularly to an apparatus which can be employed for use in connection with model railroad and automobile constructions.

An object of the present invention is to provide an improved toy construction apparatus which embodies a novel bridge construction that is comprised of a plurality of elements which can be either removably interconnected or separated.

A further object of the present invention is to provide an improved bridge construction or toy apparatus wherein the railings of the toy bridge are comprised of central portions and wing portions hingedly connected thereto whereby the entire railing can be folded for packaging.

Still another object of the present invention resides in the novel construction of the toy bridge whereby the abutment means of the toy bridge can be removably interconnected with the platform of the bridge to provide a sturdy bridge construction.

Still other objects of the present invention are to provide such means that can be employed in association with the toy bridge as to result in a model layout suitable for use in connection with model railroad layouts et cetera.

Various other objects and advantages will become apparent from the detailed description to follow. The best form in which I have contemplated applying my invention is clearly illustrated in the accompanying drawings, wherein:

Figure 1 is an exploded view of the toy bridge which forms an important feature of the present invention;

Figure 2 is a vertical transverse sectional view taken through the toy bridge showing the bridge in assembled form; and

Figure 3 is a top plan view of one of the railings forming a part of the toy bridge and showing the railing in folded form.

Referring more particularly to the drawings, wherein like numerals designate like parts throughout, the numeral 10 designates generally the toy bridge construction.

The toy bridge construction is shown in Figures 1 and 2, and comprises a platform means 74, a railing means 76 and an abutment means 78.

The platform means 74 is comprised of a flat rectangular member 80 formed with notched corners 82, 84, 86 and 88. Intermediate side portions are formed with apertures 90 and 92 for a purpose to be hereinafter described.

The abutment means 78 is comprised of flat

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elongated central portions 94 having stakes 96 secured to their outer surfaces for engagement with the ground. Each of the central portions 94 is formed with a pair of wing portions 98 extending angularly therefrom. The wing portions 98 have their upper ends 100 lying in a plane higher than the upper edge 102 of the central portions 94.

The railing means 76 is comprised of a plurality of posts 104 joined by longitudinally extending struts 106. Central intermediate portions of the struts 106 are joined by vertically extending posts 108 which are adapted to be inserted in the openings 90 and 92.

The railing means 76 is also comprised of wing portions 110 and 112 which are hingedly connected to the central portions 109 by means of the hinges 112. Each of the wing portions 110 and 112 is comprised of a terminal post 114 and a pair of struts 116 interconnected with the struts 106 by means of the hinges 112.

The entire bridge construction 10 can be assembled by first securing the abutment means 78 to the platform means 74. The transverse ends 83 and 85 of the platform member 80 are positioned on the upper edges 94 and 102 of the abutment means 78. The wing plates 98 and 100 have their inner end portions 99 and 101 received in the notches at the corners of the member 80 whereby the flat upper surface of the member 80 lies in the same plane as the upper edges 98 and 100 of the wing portions of the abutment means 78.

The railing means 76 is then interlocked with the platform member 80 by inserting the central posts 108 in the openings 90 and 92, the bottom ends of the posts 104 being disposed on the upper surface of the platform member 80. The lower ends of the end posts 114, designated by the numeral 115 are secured to or abut the outer faces of the abutment wings, whereby the angular adjustment of the fence wing can be determined.

Figure 3 shows the railing means 76 in its collapsed position with the wing portions 110 and 112 folded on the back side of the central portion 109 for packaging purposes.

In view of the foregoing, it is believed that a toy construction apparatus has been provided which will accomplish all of the objects hereinabove set forth.

Having described the invention, what is claimed as new is:

A toy bridge comprising a horizontal flat platform and vertical abutments disposed below the

ends of said platform and interlocked therewith to provide retaining walls for embankments adjacent and under the bridge, said abutments each consisting of a central rectangular flat member and rectangular flat wing portions integral therewith and extending angularly away therefrom, said wing portions being of a greater height than said central member, the ends of said platform being supported on said central portion and maintained in alignment therewith by said wing portions, the corners of said platform being provided with matching angular notches receiving the abutting edges of said wing portions, apertures in said platform receiving post of railings, said railings comprising central portions mounted along substantially the entire length of said platform and wing portions hingedly secured to

the ends of said central portion and extending beyond said platform and engaging the abutment wing portions to provide substantial alignment therewith.

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