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1,671,276

J. L. COWEN

TOY RAILROAD

Filed Dec. 1, 1923

Fig. 1.

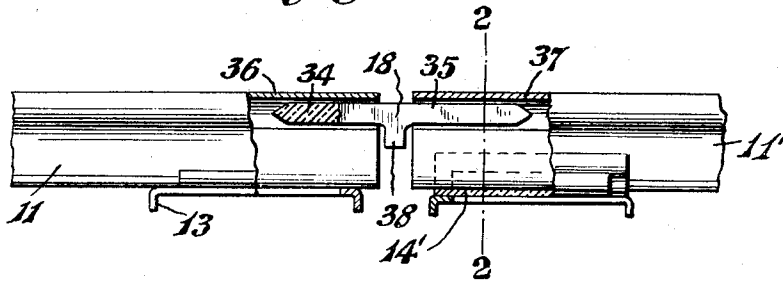
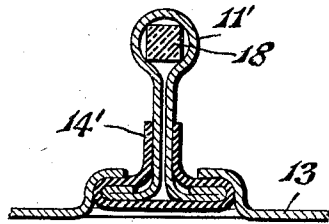


Fig. 2.



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UNITED STATES PATENT OFFICE.

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TOY RAILROAD.

Application filed December 1, 1923. Serial No. 677,937.

The present invention relates to toy railroads and is more particularly directed toward an improved form of insulating joint in toy railroads, whereby the adjacent rail sections of track may be insulated from one another.

An object of the present invention is to provide an insulating means of the above nature which may conveniently take the form of a pin of insulating material capable of being inserted into the juxtaposed ends of the track rails and having means such as a projection, to prevent the two sections from coming into electrical contact.

The accompanying drawings show for purposes of illustration one of the many possible embodiments of the present invention, it being understood that the drawings are to be considered as illustrating the invention rather than limiting the same.

In these drawings:

Fig. 1 is a section taken lengthwise of the rails of a toy railroad illustrating, at an enlarged scale, the insulation of a block section; and

Fig. 2 is a section taken along the line 2-2 of Fig. 1.

The ends of the adjacent sheet metal rails

of two sections of toy railroad track are indicated at 11 and 11'. These rails are carried on cross ties 13 in the usual manner and are insulated from these ties by insulators 14'. In order to insulate the rails from one another, and at the same time mechanically connect them together, an insulating pin 18 is employed. This pin has ends 34 and 35 adapted to be inserted into the hollow ends 36 and 37 of the sheet metal track rails. In order that the two rails can not come together, the insulating pin is provided with a projection 38 to engage with the ends of the rails.

I claim:

A toy railroad having hollow sheet metal track rails arranged in sections, and an insulator insertible into the juxtaposed ends of the track rails to provide an insulated section of track rail, said insulator having a projection to prevent the two sections of track rail from coming into electrical contact.

Signed at New York city, in the county of New York and State of New York, this 28th day of November, 1923.

JOSHUA L. COWEN.