Jan. 21, 1936. M. A. LORÉ 2,028,401

RAILWAY LINE

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Fig. 2.

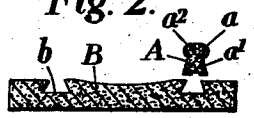


Fig. 3.



Fig. 1.

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RAILWAY LINE

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In Great Britain October 28, 1932

2 Claims. (Cl. 238—10)

This invention relates to improvements in rails for toy, amusement and light railways.

According to the invention the rails are formed of rubber or rubber composition and after the rails have been bent to the desired curvature they are held in such position by manipulation of the sleepers in which they are fitted, such sleepers also being preferably formed of rubber or rubber composition.

The invention will be described with reference to the accompanying drawing:—

Fig. 1 is a plan view partly in section showing a length of rail bent to a curved track.

Fig. 2 is a section through one rail and sleeper.

Fig. 3 is a section through a pair of rails and sleeper showing the sleeper banked at one end to take the outside of a curve.

The rails A of rubber or rubber composition are formed with a curved upper surface *a* and two inclined sides or flanges a^1. The upper part of the rails is preferably hollow as shown in the drawing but they may be solid if so desired.

The sleepers B are preferably formed of rubber or rubber composition and are provided with a dovetail shaped groove *b* to receive the inclined sides or flanges a^1 of the rails A as shown in Figs. 2 and 3.

Each length of rail A is preferably connected to the adjacent length by a pin or rod *c*, preferably of rubber, which in the case of hollow rails, is inserted in the circular hole a^2 therein. In the case of solid rails a suitable hole is formed in the end of each length to receive the pin *c*.

In order that the outer rail A on a curve may be banked the sleepers B for use on curved portions of the track may be deeper at one end than the other as shown in Fig. 3 whereby the outer rail is raised above the level of the inner rail.

Rails constructed in accordance with this invention are primarily applicable for toy railways but may be also employed for light and amusement railways such as are employed on fair grounds, and in road making, excavating, building and similar operations and may be bent in a vertical plane to produce a switchback or other rising or falling track in addition to being curved laterally.

What I claim as my invention and desire to protect by Letters Patent is:—

1. A railway track for toy, amusement or light railways comprising rails of rubber composition capable of assuming curvatures in a vertical plane and sleepers having grooves in which the rails are carried whereby by manipulation of the sleepers the rails are caused to slide in the grooves thereby enabling them to be positioned in any desired lateral curvature and retained in such position.

2. A railway track for toy amusement or light railways comprising hollow rails of rubber composition having a curved upper portion and two inclined sides or flanges and capable of assuming curvatures in a vertical plane, sleepers of rubber composition in dovetailed grooves in which the inclined sides or flanges of the rails are slidably mounted and a rubber pin or rod by which adjacent sections of track are connected together.

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