

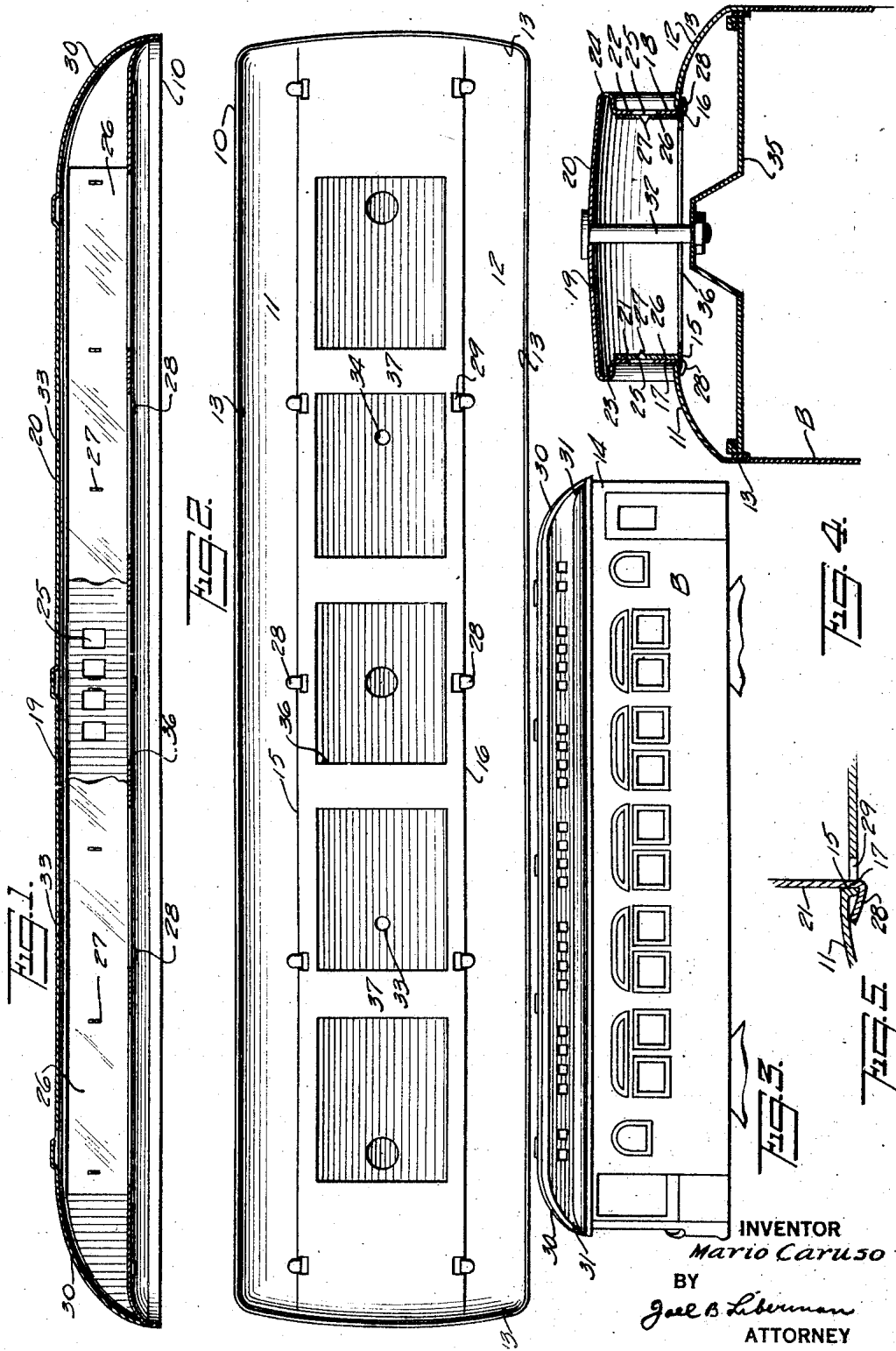
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ROOF FOR TOY CARS

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ROOF FOR TOY CARS.

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The present invention relates to roofs for toy cars and is more particularly directed toward improving toy car construction by providing a unitary roof unit simulating the roof used in standard railroad practice and constructed out of two sheet metal stampings suitably formed to shape and assembled so that it may be attached to the top of a car body.

Roof construction of the type herein contemplated, is exceedingly rigid and substantial, and the improved roof may be readily mounted on or removed from the top of the car body to permit access to it for purposes of assembly or the replacement of electric lamps or other accessories used in the car.

An object of the present invention is to provide an improved car roof suitable for toy trains and made out of two sheet metal stampings fastened together.

One of the many possible embodiments of the present invention is shown, for purposes of illustration, in the accompanying drawings, it being understood that the drawings are illustrative of the invention rather than limiting to the same.

In these drawings:

Figure 1 is a longitudinal sectional view through a toy car roof;

Figure 2 is an inverted plane view of the same;

Figure 3 is a side elevation of a toy car showing the roof installed;

Figure 4 is a transverse section through the roof and upper part of the car; and

Figure 5 is an enlarged view of a detail.

The toy car roof constructed in accordance with the present invention is made up of two sheet metal stampings suitably shaped and fastened together. The lower stamping is indicated at 10. It has sloping sides 11 and 12 simulating the sides of the roof of a standard passenger car, and is preferably made of the proper size and shape so that its peripheral edge 13 passes down outside the upper edges 14 of the car body B, as indicated in Figure 4. It may be otherwise fitted to the car body. The stamping 10 is depressed along the center to provide short vertical walls 15 and 16 extending lengthwise of the roof. These walls provide a shallow channel to receive the lower edges 17 and 18 of a deck-forming stamping 19.

This deck-forming stamping is conven-

iently provided with the cross section illustrated in Figure 4, and has an upper portion 20, side walls 21 and 22, and longitudinal beads or ribs 23 and 24 to stiffen the stamping and make it appear like the roof of a passenger car. The side walls 21 and 22 are provided with apertures 25 simulating window openings, and strips 26 of colored celluloid, or like material, are fastened behind these window openings by means of prongs 27 struck inwardly from the material of the side walls.

The stampings 10 and 19 are fastened together by passing prongs 28 through openings 29 in the stamping 10. These prongs are then bent outwardly against the stamping 10, as indicated in the drawings. The ends 30 of the stamping 19 are bent downwardly as indicated, and may be soldered to the stamping 10 at the corners.

In order to lighten the weight of the roof, and to permit light to pass from the interior of the car up into the deck so as to illuminate the windows, a number of large holes 36 are punched in the stamping 10. The material between these holes provides strips 37 which suffice to hold the stamping in shape.

The lower edges 17 and 18 of the side walls of the deck-forming stamping are held against the walls 15 and 16 of the shallow channel in the stamping 10, and hence the walls of the deck stamping cannot spread. The construction forms an exceedingly rigid truss-like member which may be readily fastened to and removed from the car. A convenient means for fastening the roof to the car is here shown in the form of bolts 32 which pass through apertures 33 and 34 in the deck-forming stamping and are threaded into cross braces 35 carried by the car body B.

From the foregoing, it will be understood that there is provided a removable roof for toy cars made out of two simple stampings suitably fastened together so that the roof simulates the appearance of the roof of a standard railway passenger car, and that this roof is exceedingly rigid and substantial even though made out of thin sheet metal.

It is obvious that the invention may be embodied in many forms and constructions, and I wish it to be understood that the particular form shown is but one of the many forms. Various modifications and changes

being possible, I do not limit myself in any way with respect thereto.

I claim:

1. A removable deck-type roof for toy cars, comprising one stamping shaped to fit the top of a car body and having openings along the center of the stamping, an apertured deck stamping attached to the top of the roof stamping and covering the openings therein whereby the interior of the deck may be illuminated from the car body.

2. In toy car construction, a single sheet metal stamping shaped to provide a deck for a car roof, said stamping being doubled on itself to form longitudinal reinforcing ribs extending along the upper corners of the deck, and having depending side walls apertured to simulate ventilation windows, the lower edges of said side walls having prongs, and a second stamping having holes to receive the prongs, the lower stamping being shaped to simulate the sides of a car roof and having openings underneath the deck stamping to permit illumination of the window openings from the inside of the car.

3. In toy car construction, a single sheet metal stamping shaped to provide a deck

for a car roof, said stamping being doubled on itself to form longitudinal reinforcing ribs extending along the upper corners of the deck, and having depending side walls apertured to simulate ventilation windows, the lower edges of said side walls having prongs, and a second stamping having holes to receive the prongs, and off set ridges to engage said lower edges between them and hold them in place, the lower stamping being shaped to simulate the sides of a car roof.

4. In a toy car construction, a sheet metal roof member adapted to rest on the upper edges of a car body, said member being concave from underneath and having a slight longitudinal depression extending lengthwise of the member, and a sheet metal deck forming member in the form of a stamping, the lower edges of which engage the sides of said depression, there being prongs in the deck forming stamping passing through apertures in the roof member.

Signed at Irvington, in the county of Essex and State of New Jersey, this 20 day of February, 1926.

MARIO CARUSO.