

April 30, 1929.

L. CARUSO

1,711,261

TOY CAR

Filed Feb. 18, 1926

FIG. 1.

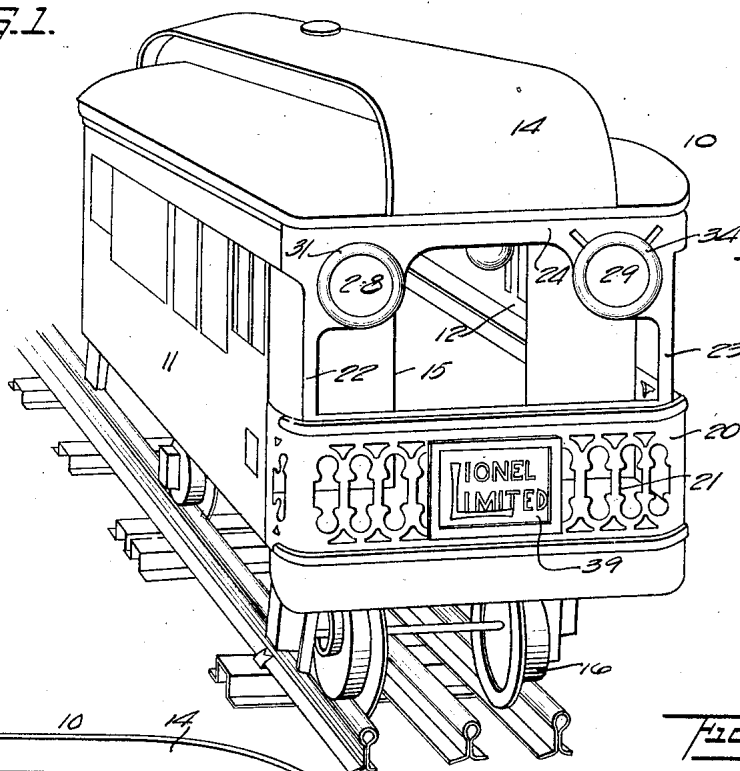


FIG. 6.

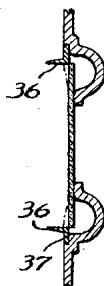


FIG. 4.

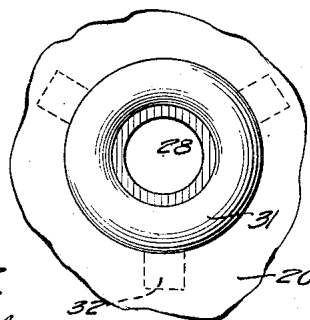


FIG. 3.

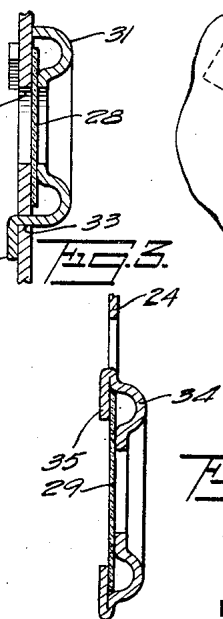


FIG. 5.

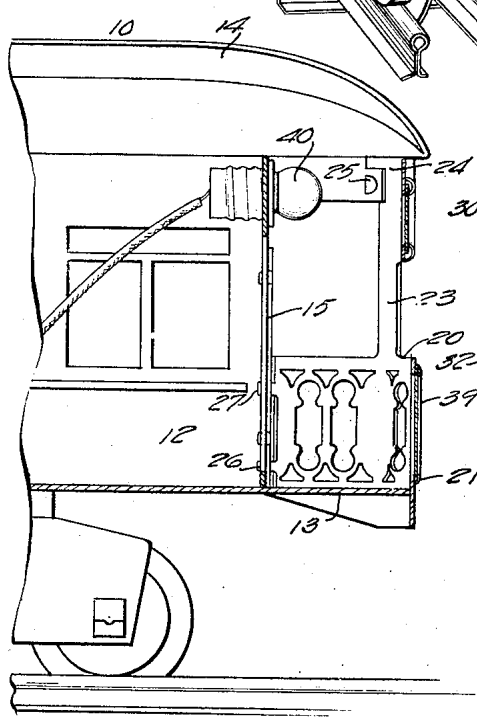
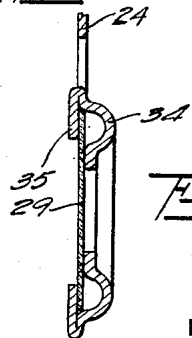


FIG. 2.

INVENTOR
Louis Caruso
BY
Joel B. Liberman
his ATTORNEY

UNITED STATES PATENT OFFICE.

LOUIS CARUSO, OF IRVINGTON, NEW JERSEY, ASSIGNOR TO THE LIONEL CORPORATION, OF NEW YORK, N. Y., A CORPORATION OF NEW YORK.

TOY CAR.

Application filed February 18, 1926. Serial No. 89,011.

The present invention relates to toy cars, and is more particularly directed to toy observation cars.

Railroad trains carry red lights on the rear of the last car to act as signals for oncoming trains. The present invention contemplates the provision of similar signals for the observation car of a toy train. Limited trains carrying observation cars generally have a name, well known to the traveling public. This name is displayed by an appropriate sign carried by the railing of the observation car. The present invention also contemplates the provision of a similar designation carried by the toy observation car.

An object of the present invention is to provide a toy observation car with these signals, or name plate, or both, preferably in the form of transparencies appropriately colored and held in place so as to be illuminated by an electric lamp carried by the car.

The accompanying drawings show, for purposes of illustration, one of the many possible embodiments of the present invention, together with modifications of certain parts, it being understood that the drawings are illustrative of the invention rather than limiting the same.

In these drawings:

Figure 1 is a perspective view of a toy observation car;

Figure 2 is a fragmentary vertical sectional view, parts being broken away;

Figure 3 is an enlarged sectional view of one form of signal;

Figure 4 is an elevational view of the same; and

Figures 5 and 6 are enlarged sectional views of modified forms of signal.

A toy car of more or less conventional shape is shown at 10 in Figures 1 and 2. It has side frames 11 and 12, a platform 13, a roof 14 and a transverse wall 15, fastened together in a well known manner. The car has the usual running gear 16 for toy track and a current collector, not shown, for carrying the current into the car to supply lamps carried by it.

A sheet metal stamping 20 is formed to shape to give the appearance of the rear end of an observation car. The stamping has a railing 21, two uprights 22 and 23 and an upper connecting member 24. The stamping may be secured to the car body by prongs, as indicated at 25, 26 and 27, and elsewhere, as desired.

In the upper part of the stamping holes are provided to permit light passing through them to fall on transparencies 28 and 29, preferably red, suitably held in place. One form of construction for so holding them is shown in Figures 3 and 4, wherein the transparency 28 is held adjacent a hole 30 by a bull's eye ring 31 having prongs 32 which pass through suitably placed apertures 33 in the stamping. In Figure 5, the bull's eye is formed directly in the stamping, as indicated at 34, and the transparency 29 is fastened in place by prongs 35 bent back onto it. The transparency may be held in place by inwardly bent prongs 36 carried by a thin ring 37 soldered in place as indicated in Figure 6.

The central part of the railing is cut away as shown at 38 in Figures 1 and 2 and a transparent sheet 39 of celluloid or suitable material is fastened in place. This sheet carries some appropriate printing to designate the train, as indicated.

A convenient means of illuminating these transparencies is to mount an electric lamp 40 in the upper part of the transverse stiffening member 15. The light from this lamp illuminates the rear platform and makes the signals clearly visible. It also illuminates the name plate, and in many ways serves to make the toy train more realistic.

It is obvious that the invention may be embodied in many forms and constructions, and I wish it to be understood that the particular forms shown are but a few of the many forms. Various modifications and changes being possible, I do not limit myself in any way with respect thereto.

What is claimed is:

In a toy car, a car body including a sheet metal rear platform, a sheet metal transverse

end frame, and a sheet metal roof, a sheet metal stamping carried between the rear platform and the roof and attached to the car body, the lower part of the stamping including a railing having a transparent name plate mounted therein, a pair of colored transparencies carried in the upper part of the stamp-

ing, and an electric lamp carried by the car body in a position to illuminate the name plate and transparencies. 10

Signed at Irvington, in the county of Essex, and State of New Jersey, this 9th day of February, 1926.

LOUIS CARUSO.