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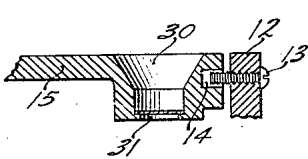
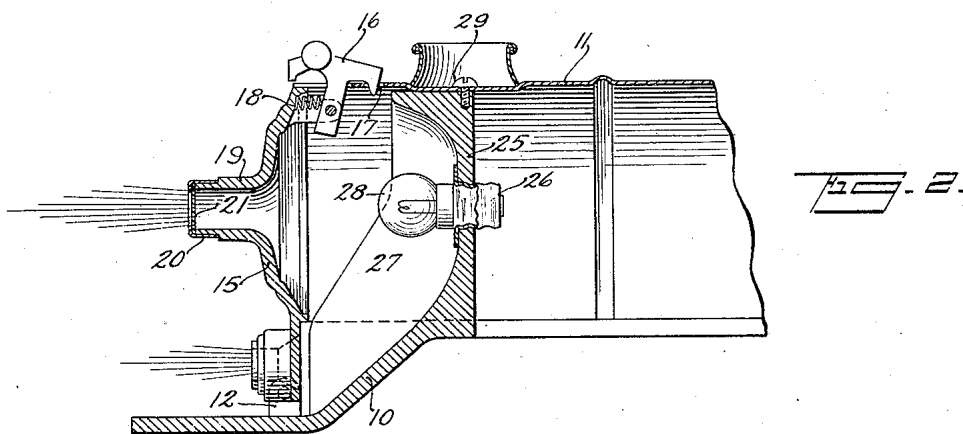
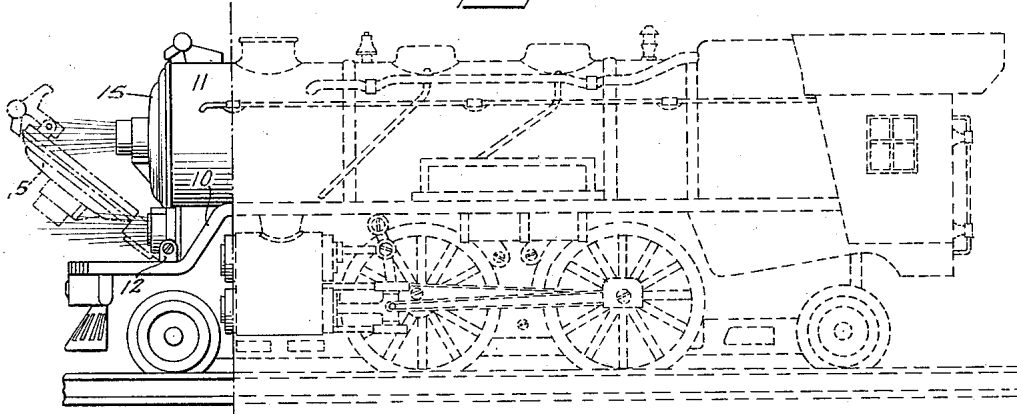
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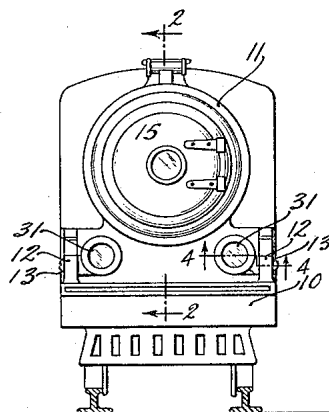
TOY LOCOMOTIVE

Filed Feb. 3, 1931

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TOY LOCOMOTIVE

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The present invention relates to toy locomotives and is more particularly directed toward a toy locomotive having an improved form of headlight.

5 The present invention contemplates a toy locomotive having, in general, the appearance of a steam type locomotive used on main line railroads. It contemplates the provision of an enclosed headlight bulb and a
10 removable cover for the front end of the toy locomotive. By placing the bulb inside the body of the locomotive, it is completely protected against injury.

The invention also contemplates that the
15 cover closure member for the front of the "boiler" of the toy locomotive shall simulate the front end of the corresponding part of a steam locomotive. In addition, it is contemplated that the same light source forming
20 the headlight for the locomotive may be employed with a suitable reflector and transparencies to illuminate the side lights.

The accompanying drawings show, for purposes of illustrating the invention, one of
25 the many possible embodiments in which the invention may take form, it being understood that the drawings are illustrative of the invention rather than limiting the same.

In these drawings:

30 Figure 1 is a side elevational view of a steam type locomotive;

Figure 2 is a vertical sectional view on an enlarged scale;

35 Figure 3 is a front view of a toy locomotive; and

Figure 4 is a fragmentary sectional view on the line 4—4 of Figure 3.

The locomotive may include a frame indicated at 10 made, for example, from a die
40 casting and a boiler forming body 11 made of sheet metal. The frame carries the usual motor, running gear, imitation cylinders, and the like, while the boiler shell carries the usual ornamental parts such as indicated in the
45 drawings.

The casting forming the body 10 is provided with two upwardly extending lugs
50 12—12, threaded as indicated in Figure 4, to receive screws 13. These screws extend into recesses 14 provided in a cast closure

member 15. This closure member is shaped to simulate the front end of the corresponding part of a locomotive and acts as a closure member for the front end of a boiler forming housing or stamping 11. The upper end
55 of the casting 15 carries a spring actuated catch 16 adapted to enter a hole 17 in the front of the stamping 11. The catch is urged to the position indicated by a spring
60 18. As here shown, the central part of the casting 15 is drawn forwardly at 19. A small sheet metal ring 20 is employed to hold a transparency 21 in place, this transparency being preferably colorless.

As here shown, the casting forming the
65 frame 10 extends upwardly, as indicated at 25, to support a lamp socket 26. The casting is preferably shaped, as indicated at 27, to form a reflecting surface adapted to surround the lamp bulb 28 and reflect the light
70 forwardly and screen it off from downward directions. The stamping 11 may be secured to the upwardly extending part of the frame 25 by a screw indicated at 29.

The reflector 27 extends downwardly so as
75 to be behind the lower part of the closure member 15 and allows the light to enter into openings 30 in the lower part of the cover or closure member 15. These openings are covered by colored transparencies indicated
80 at 31. Some of the light escaping through these transparencies forms colored beams at the side, as indicated in the drawings, and provides side lights for the toy locomotive. Toy locomotives made up as has been de-
85 scribed are able to very completely simulate the appearance of the regular locomotive. The headlight bulb is fully protected by the rigid housing outside the bulb and, hence, is unlikely to be injured, yet it is readily ac-
90 cessible for replacement whenever desired.

I claim:

1. In a toy locomotive, a locomotive body having a boiler simulating portion open at the front, a lamp socket concealed in the
95 locomotive body, a lamp bulb carried in the socket and disposed behind the open front, a closure member for the front of the body, the closure member being apertured to permit light from the bulb to pass through to
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simulate a locomotive headlight, a hinged connection between the lower edge of the closure member and the locomotive body, and a spring catch at the top of the body for holding the closure member closed.

3 2. A toy locomotive having a locomotive body shaped to simulate a locomotive boiler, a hinged plate at the front to simulate the front head of the boiler, a head lamp bulb mounted inside the boiler body and adapted to project light through an opening in the plate to simulate a headlight, the plate also having lower light transmitting openings at the side thereof, and colored transparencies over said latter mentioned openings to simulate side lights.

20 3. A toy locomotive, a hollow body shaped to simulate a locomotive boiler, a frame extending forwardly of the hollow body, a cover member shaped to simulate the front head of the boiler and having a central opening, pivotal supports for the cover member, and a lamp bulb mounted inside the hollow body behind said opening.

25 4. A toy locomotive, a hollow body shaped to simulate a locomotive boiler, a frame extending forwardly of the hollow body and having upwardly extending lugs, a cover member shaped to simulate the front head of the boiler and having a central opening, pivot pins carried by the lugs for pivotally supporting the cover member, and a lamp bulb mounted inside the hollow body behind said opening.

35 5. In a toy locomotive, a hollow body shaped to simulate a locomotive boiler, a fixed partition disposed across the body and spaced rearwardly of its front edge, the partition being apertured, a lamp socket shell secured in the aperture, a lamp socket carried in the socket shell and projecting toward the front open end of the hollow body, and a closure member for the front of the body, the closure member being apertured to permit light from the bulb to pass through to simulate a locomotive head light.

Signed at New York, in the county of New York and State of New York, this 29 day of January, 1931.

50 MARIO CARUSO.

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