

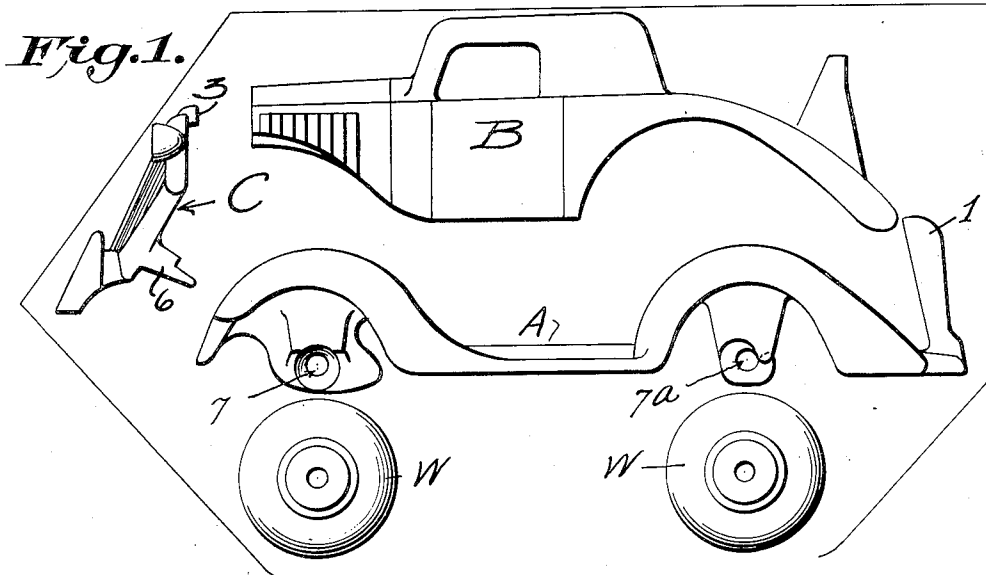
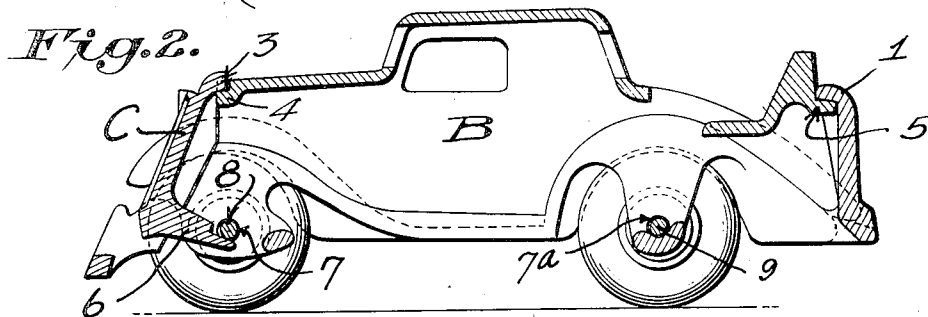
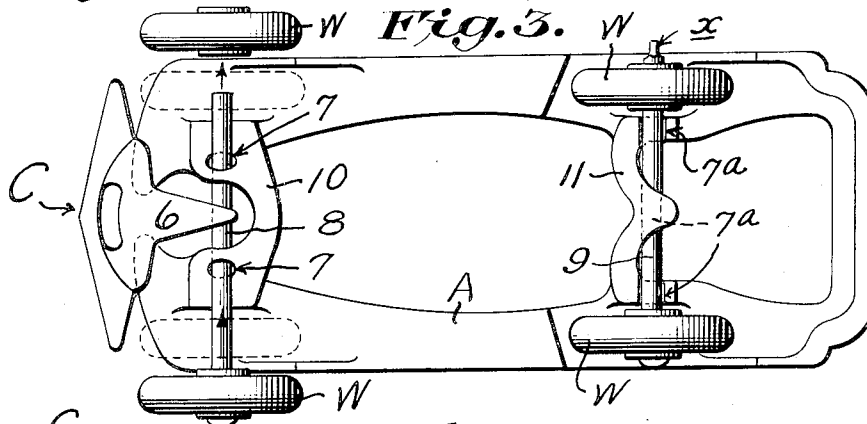
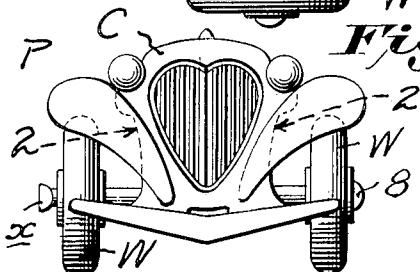
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TOY

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5 Claims. (Cl. 46—48)

This invention relates to toys, and more particularly to a novel construction for toy vehicles.

A primary object of the invention is to provide a toy comprising units or sections which may be readily assembled to provide the completed toy, the said units or sections being susceptible of different color treatment prior to assembly in a practical and expeditious manner, thereby to provide a more attractive and realistic toy. In that connection, the invention has particular application to a toy vehicle wherein it is desirable to have the chassis of one color, the body proper of another, and the radiator simulating member of a different color or nickel-plated. In its general aspect, therefore, the invention contemplates making a toy in several units or sections, each of which may be separately given the desired paint or other treatment prior to assembly.

Another object of the invention is to provide a construction wherein the several parts or sections constituting the body interfit or interlock with each other and also interlock with the chassis. In the preferred embodiment, the final interlock between the body and the chassis is effected by a pin which not only serves as a lock or retainer for the entire assembly but may also constitute one of the axles of the toy.

A further object of the invention is to provide a body section, which in the particular embodiment shown, is a radiator simulating section having means for interlocking with the body proper and the single pin or axle member which constitutes the final element of the assembly.

In the accompanying drawing:—
Figure 1 is a view comprising a series of side elevations of the various parts of the toy prior to the assembly.

Figure 2 is a vertical, longitudinal, sectional view of the assembled toy.

Figure 3 is a bottom plan view of the toy shown in Figure 2, with the front axle shown about to receive one of the wheels before the axle is upset to complete the assembly.

Figure 4 is a front elevation of the completed toy.

Similar reference characters designate corresponding parts throughout the several figures of the drawing.

As will be observed from the drawing, the toy includes in its organization a chassis designated generally as A and a body consisting of a main body simulating section B and a radiator simulating section C. While the latter section is shown as simulating only the radiator and front bumper portion of an automobile, nevertheless, it will

be understood that it is entirely within the scope of the invention to have the so-called radiator simulating section include a portion of the hood or other part of the body. In other words, for the purposes of this invention, the parts B and C are to be considered as body sections in the sense that the invention is intended to include any of the usual parts above the chassis in referring to the term body.

Referring more in detail to the several units, it may be pointed out that the chassis A is preferably provided at its rear end with a suitable body interlocking portion 1 and may also be formed at its front end with a socket portion 2 for receiving the front end of the body, which in the example shown is the radiator section C.

The main body section B and the section C are provided at their inner meeting edges with suitable interfitting formations 3 and 4, the former constituting a keeper element for the main body section B in the complete assembly. The outer end of the main body section B is provided with a chassis interlocking element 5 and the outer end of the section C is provided with an offset keeper element 6 which also constitutes a keeper element in the final assembly. The radiator simulating section C of the body, therefore, is provided with spaced inwardly offset keeper elements 3 and 6.

The chassis is also provided with suitable openings 7 and 7^a for receiving axle pins 8 and 9 which may be threaded transversely through the openings and carry the wheels W, the said axle pins being upset after being threaded through the openings 7, 7^a as indicated at x to prevent the wheels from being removed from the axles.

In the manufacture of the device, the parts A, B and C are separately cast. The parts or sections A and B may be readily passed through different color paint baths and the same is also true of the radiator simulating section C of the body. However, to make the toy appear more realistic, it is preferred to subject the member C to a nickel or chrome plating bath to more approximately simulate the appearance of a standard automobile. After the parts have been given the desired paint or other treatment, the chassis A may have the rear axle pin and wheels fitted thereto permanently by threading the axle 9 in the proposed abutments which provide the openings 7^a. At this point, it may be noted that the chassis is in the form of a frame with the central portion thereof open, the sides of the frame being connected by the cross webs 10 and 11 for the purpose of strengthening the same and fa-

cilitating the formation of the openings for receiving the axle pins.

After the chassis A and rear wheel have been assembled, the main body section B may be interlocked with the chassis by the parts 1 and 5. The radiator simulating section C of the body may then be interlocked with the section B through the interfitting formations 3 and 4 whereby the keeper element 6 of the radiator simulating section will be disposed at the bottom side of the openings 7. The axle pin 8 may be then threaded through the openings and passed in obstructing and locking relation to the keeper element 6 as shown in Figures 2 and 3. The pin 8 will, therefore, lock the radiator simulating section C in position, and since the said radiator simulating section of the body is interlocked with the main body section B, it will be apparent that the entire upper structure of the toy may be locked in final position by this simple act of threading the axle pin 8 in its proper position. The end of the axle 8 may then be upset as indicated at x in Figure 4 so that all of the parts of the toy are securely held in assembled relation.

Without further description it is thought that the features and advantages of the invention will be readily apparent to those skilled in the art, and it will of course be understood that changes in the form, proportion and minor details of construction may be resorted to, without departing from the spirit of the invention and scope of the appended claims.

I claim:—

1. A toy vehicle including a chassis, a body comprising a main body simulating section interlocked with the chassis, a radiator simulating sec-

tion interlocked with the body simulating section, and a pin for locking the radiator simulating section to the chassis.

2. A toy vehicle including a chassis having an opening, a body comprising two sections interlocked at their meeting edges and one of said sections interlocked directly with the chassis, and a pin fitted in the chassis opening and engaging with the other of said sections to maintain both sections and chassis in assembled relation.

3. A toy vehicle including a chassis having an opening, a body simulating member having means for interlocking with the chassis, a radiator simulating member having inwardly offset spaced keeper elements, one of which engages with the body simulating section and the other of which is disposed below said opening in the chassis, and a pin fitted in said opening and engaging the last named keeper element.

4. A toy vehicle including axle pins, a chassis comprising a frame having an open central portion connected by cross webs formed with clearances for receiving said axle pins insertable from one side of the chassis, a main body section interlocked with the chassis, and a radiator simulating section having means at one end for engaging with the main body section and having means at the other end for engaging with one of said axle pins thereby to lock the body and radiator simulating sections to the chassis.

5. A toy vehicle including a chassis, a main body simulating section interlocked with the chassis, a radiator simulating section interlocked with the body simulating section, and means for locking the radiator simulating section to the chassis.

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