

# PATENT SPECIFICATION



Convention Date (Germany): March 29, 1926.

264,426

Application Date (in United Kingdom): Oct. 5, 1926. No. 24,659/26.

Complete Accepted: Jan. 20, 1927.

## COMPLETE SPECIFICATION.

### Improved Construction of Carriage Frame for Toy Figures.

We, BING-WERKE, vorm. Gebrüder Bing A.-G., of 16, Blumenstrasse, Nürnberg, Germany, a German joint stock company, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

The invention relates to a carriage frame for toy figures, which are attached to the frame in a readily detachable manner, so that a child may play with the toy figure by itself, or can draw the figure along after him when the figure is connected to the frame. According to the invention, the means for attaching the toy figure to the frame consist of specially shaped wire loops or clips fastened to the wheel axles or the carriage frame and fit partly round the feet of the toy figure, with a spring grip. If the feet themselves are elastic, for example in the case of inflatable rubber figures, or figures with soft stuffing material, loops of stiff wire are sufficient, but if the feet be inelastic, as in the case of wooden figures, the wire loops must be made of spring wire.

Our invention will be clearly understood from the following description aided by the example shown on the annexed drawings in which

Figure 1 is a plan and Figure 2 a front view with a toy animal in place, of a typical embodiment of the invention, in which a frame with four wheels and an inflatable rubber figure are used.

According to the example shown in the drawings, on each of the front and rear axles *a* and *b* is fastened an upright wire bow or support *c* (Figure 2) the ends *d* and *e* of which are bent at approximately right angles and then in a circular manner. The two portions *d* and *e* of the

bow, together, resemble the letter **S** when viewed from above, and the feet *f*, *g* of the toy figure are inserted into the gaps from the side. In the act of insertion through the gaps in the wire loops, the limbs of the inflated rubber figure *h* give slightly, and fill the loop completely, thereby attaching the figure to the carriage frame. In the case of inflatable rubber figures, the limbs tend to splay apart, so, in order to return them to their natural position when fixed on the carriage frame, the distance between the centres of the loops *d*, *e* is made corresponding smaller than the distance between the limbs of the figure when inflated. The tension set up by causing the limbs to converge, further increases the friction between the limbs and the loops, so that the figure will carry the frame without further trouble when lifted. The gaps in the loops preferably face in opposite directions. Both the attaching and detaching of the toy figure to and from the carriage frame is a very simple matter, and can be performed by the child playing with the toy, since each limb can be separately inserted in and taken out of a loop. In the case of toy figures with coverings resembling hides, the fastening members are barely noticeable.

Having now particularly described and ascertained the nature of our said invention, and in what manner the same is to be performed, we declare that what we claim is:—

1. Carriage frame for detachable toy figures, characterised in that wire bows or supports are attached to the wheel axles or to the carriage frame and partly surround the limbs of the toy figure, with a spring grip.

2. Carriage frame according to Claim 1, characterised in that upright wire bows

[Price 1/-]

or supports are attached to the wheel axles, their ends bent and curved round in the horizontal direction to form loops or clips, which, taken together, lie in the shape of an **S** curve.

5 3. The carriage frame for detachable toy figures, constructed substantially as

described with reference to the annexed drawings.

Dated this 5th day of October, 1926. 10

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Redhill: Printed for His Majesty's Stationery Office, by Love & Malcomson, Ltd.—1927.

Fig.1.

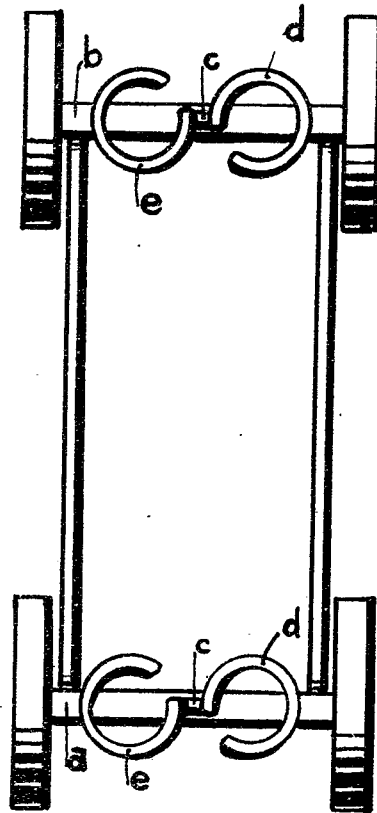


Fig. 2

