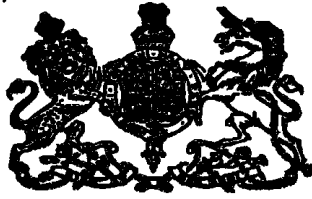


N^o 6745



A.D. 1903

Date of Application, 23rd Mar., 1903—Accepted, 14th May, 1903

COMPLETE SPECIFICATION.

“Improvements in Appliances or Toys for Imparting Motion to Objects such as Toy Soldiers and the like.”

I, CHARLES DENTON ABEL, of Birkbeck Bank Chambers, Southampton Buildings, in the County of London, Consulting Engineer and Chartered Patent Agent, do hereby declare the nature of this invention (as communicated to me from abroad by Arthur Duffek, of VII Lindengasse No. 37, Vienna, Austria, Engineer) and in what manner the same is to be performed to be particularly described and ascertained in and by the following statement:—

This invention relates to improvements in the appliance or toy for imparting motion to objects such as toy soldiers and the like in imitation of military and other movements, referred to in Patent No. 9614 dated 25th April 1902, and it has for purpose to afford a better and surer guiding of the toy whereby the upsetting of the toy figures is prevented, ensures a permanently vertical position of the toy figures and provides a greater surface of contact between the bottom plates of these figures and the supporting surface of the same; owing to these improved arrangements the toy figures are enabled to execute the movements which it is desired to impart to the same in a more precise and uniform manner.

For this purpose the base plates of the toy figures are provided with eyes or tubular pieces instead of simple holes, by means of which the toy figures are mounted on the pins of the tongues of the toy frame, the said pins being also preferably formed of tubular pieces. The base plates of the toy figures further provided on their bottom surface, which is in contact with the supporting surface, with a thickened part or shoulder corresponding in thickness to that of the toy frame so that the toy figures, when placed perpendicularly to the supporting surface, slide upon the latter not only with their mere edge but with the greater part of their bottom surface.

On the accompanying drawings Fig. 1 represents a plan of a toy frame according to the improved arrangement, with one toy figure mounted upon a pin. Fig. 2 is a cross section through the frame and the base plate of the toy figure on the line A—B of Fig. 1, and Fig. 3 represents a perspective view of part of the frame.

The frame 1 provided with studs or handles 8 has a number of tongues 3 arranged in regular rows and provided with abutments *a* for the toy figures, preferably formed by bent up pieces of the tongues, the terminal parts of the tongues being preferably formed at an angle of about 45° to the other part, as shewn.

On the extremities of the tongues are arranged pins or projections *b* formed as shewn in the drawing by a split tubular piece.

The toy figures 5 are provided in their base plates 6 with eyes or tubular pieces *o* of suitable length by means of which they are mounted upon the pins or projections *b*.

The arrangement may however also be such that the toy frame 1 is provided with the eyes or tubular sockets into which pins provided on the toy figures are pushed in from below.

The base plates 6 of the toy figures are also provided on their bottom surface with a thickened part or shoulder *v* having preferably a roughened under surface.

[Price 8d.]



Improvements in Appliances or Toys for Imparting Motion to Objects.

with which it rests on the supporting surface as shewn in Fig. 2. Owing to this arrangement the toy figures are permanently maintained in a position strictly perpendicular to the bottom surface and an increased contact and friction surface is obtained whereby the precise and correct movements of all figures which are to be shifted simultaneously is attained. 5

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

1. In an appliance or toy for imparting motion to objects such as toy soldiers and the like in imitation of military and other movements, such as was described in the Specification to Patent No. 9614 of 1902, constructing the base plates of the toy figures with projecting eyes or tubular sockets by means of which the toy figures can be mounted upon the pins arranged upon the tongues of the toy frame and which are preferably also formed tubular, substantially as described. 10 15

2. In an appliance or toy of the kind referred to constructing the underside of the base plates of the toy figures with thickened parts or shoulders, preferably provided with a roughened under surface, by means of which the figures rest upon the supporting surface so that they are securely held in a position perpendicular to the supporting surface and move upon the latter with increased friction, substantially as described. 20

Dated this 23rd day of March, 1903.

ABEL & IMRAY,
Agents for the Applicant.

Fig. 1

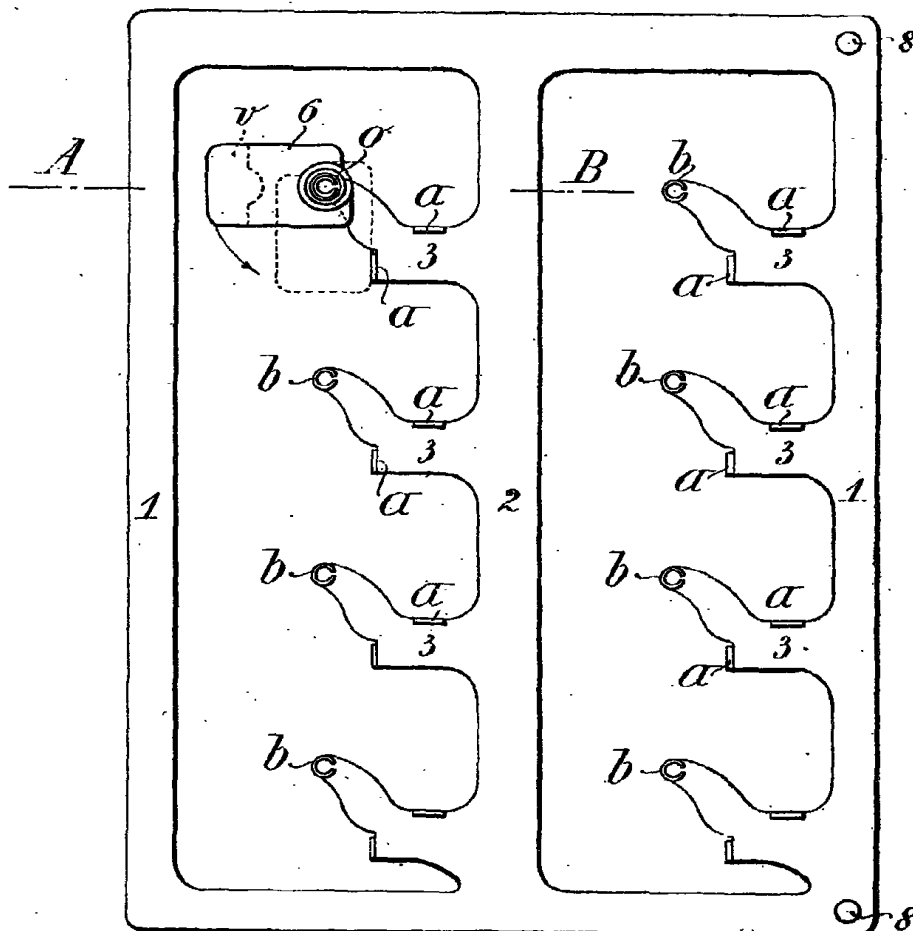


Fig. 2

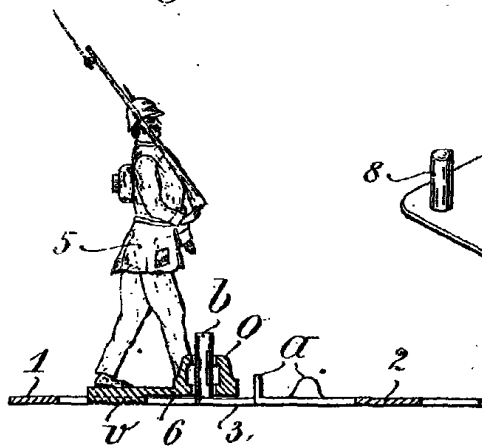
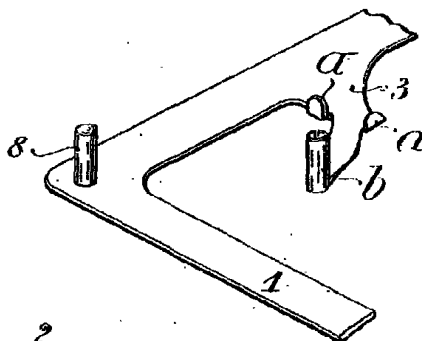


Fig. 3



[This Drawing is a reproduction of the Original on a reduced scale.]

