May 15, 1923. 1,455,473

G. J. BOLTON

TOY

Filed March 11, 1922

Fig. 1.

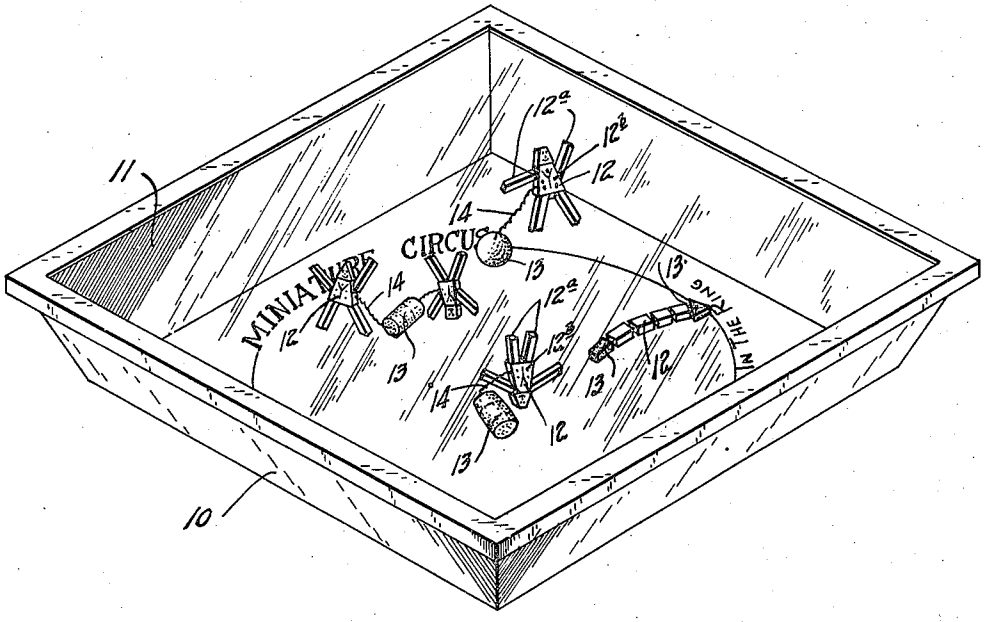
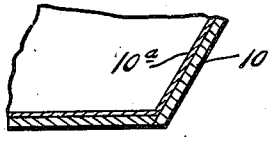


Fig. 2.



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UNITED STATES PATENT OFFICE.

GEORGE J. BOLTON, OF SAYRE, PENNSYLVANIA.

TOY.

Application filed March 11, 1922. Serial No. 543,066.

To all whom it may concern:

Be it known that I, GEORGE J. BOLTON, a citizen of the United States, residing at Sayre, in the county of Bradford and State of Pennsylvania, have invented certain new and useful Improvements in Toys, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to improvements in toys, and more particularly to an electrostatic toy.

An important object of the invention is to provide in a device comprising a metallic casing having a closed top in which are arranged a plurality of pith figures which may be attracted to the glass by rubbing thereon, means whereby the figures may be restrained against flatly engaging against the glass and adhering thereto.

A further object of the invention is to provide against inoperativeness of the figures due to the metallic casing taking a charge equal to the charge of the glass cover.

These and other objects I attain by the construction and arrangement shown in the accompanying drawings wherein for the purpose of illustration is shown a preferred embodiment of my invention and wherein like reference characters designate like parts throughout.

In the drawings:

Figure 1 is a perspective of a toy constructed in accordance with my invention; and

Figure 2 is a detail sectional view showing a modified construction of the receptacle.

Referring now more particularly to the drawings, the numeral 10 designates a metallic receptacle having an open top covered by a sheet of glass 11, which is secured to the receptacle in any desired manner. Arranged within the receptacle are a plurality of figures 12 each having the arms and legs 12^a thereof ligatured to the body portion 12^b.

The numeral 13 designates elements shaped to represent a ball, barrel, or the like, and connected to a pith figure 12 by means of a flexible connection 14, such as split silk or the like. The elements 13 are covered with some metallic substance, such as tin foil, bronze paint, or the like. The flexible element 14 is of sufficient length only to permit extremities of the body portion or arm or leg portions 12^a to engage against the glass cover, thereby preventing sticking of the figures.

The elements 13 are preferably of pith so as to be of very light construction, and the coating thereof by a metallic substance prevents their attraction by the glass which would permit the figures to flatly engage thereagainst. It furthermore has been found that the coating of these elements by the metallic substance prevents inoperation of the figures due to the magnetic attraction of the metallic receptacle 10. The use of an element 13 with each of the figures is not necessary since it is readily possible to attach a plurality thereof to a single element 13 if so desired, and as illustrated.

From the foregoing it is believed to be obvious that a toy constructed in accordance with my invention is particularly well adapted for the purpose for which it is intended by reason of the fact that it prevents sticking of the figures against the glass cover and inoperation thereof due to the charging of the body portion. It will furthermore be obvious that the particular construction of the figures or the manner of their arrangement within the receptacle is immaterial, and I do not limit myself to the specific arrangement hereinbefore set forth except as hereinafter claimed. For example, instead of employing a solid metallic casing, as above described, the casing 10 may be formed of any suitable material, such as wood, and provided with a metallic lining 10^a, as disclosed in Figure 2.

I claim:

The combination with a metallic receptacle having an open top covered by a sheet of glass, of a plurality of figures within the receptacle and attracted by the glass upon static charging of the same, and elements tethered to the figures and limiting the movement thereof to prevent flat engagement of the figures with the glass, said elements being provided with a metallic coating.

In testimony whereof I hereunto affix my signature.

GEORGE J. BOLTON.