D. T. PHILLIPS.

TOY.

APPLICATION FILED JULY 5, 1912.

1,153,250. Patented Sept. 14, 1915.

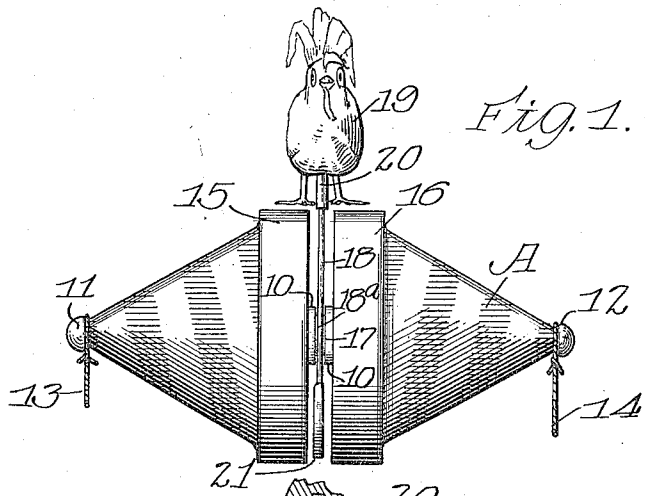


Fig. 1.

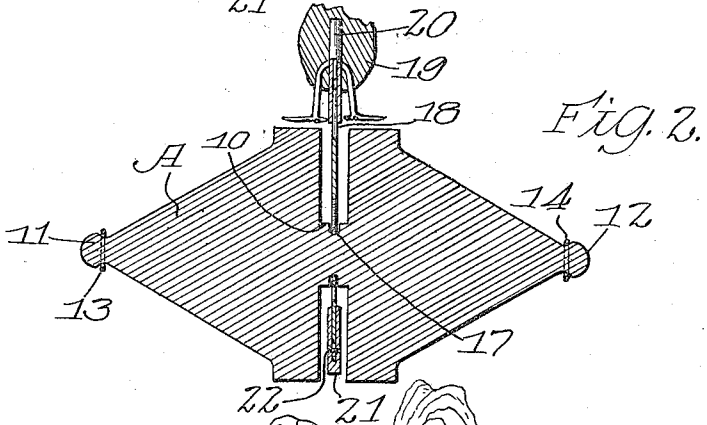


Fig. 2.

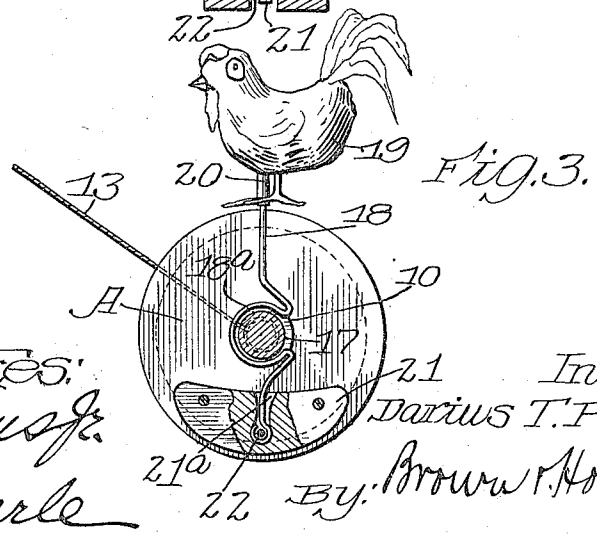


Fig. 3.

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TOY.

1,153,250. Specification of Letters Patent. Patented Sept. 14, 1915.

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To all whom it may concern:

Be it known that I, DARIUS T. PHILLIPS, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Toys, of which the following is a specification.

The invention relates to toys and has for its primary object the production of an improved form of toy of simple and attractive design adapted to display reproduction of birds, animals, and other objects in an attractive manner, giving them the semblance of being animated or living objects.

Another object of the invention is to provide an improved, simple, cheap and efficient vehicle for carrying various toys in the form of animals, birds, and the like.

Other objects will appear from the description in the specification and from an inspection of the drawing, which forms part of the specification and depicts the form of the invention preferred by me.

In said drawings, Figure 1 is a side elevation of the toy, with a toy bird attached thereto. Fig. 2 is a longitudinal sectional view of Fig. 1. Fig. 3 is a sectional view taken at right angles to the view of Fig. 2 through approximately the middle of the device, illustrating the construction and the means for supporting the interchangeable imitation of birds, animals, and the like adapted to be carried on the device.

I prefer to construct the vehicle or carrying portion of the toy of the general shape illustrated in the drawings, and in this embodiment shown the vehicle portion is shown turned from wood, although it will be apparent that metal or other suitable material may be employed, and when metal is used, instead of constructing the vehicle portion of solid material as illustrated in the drawings, parts of the material may be cut away, retaining only the general outline of the design shown.

The vehicle portion is indicated generally by the reference character A and is shown as turned from wood. It is in the general form of two cones with their bases joined together by the integral neck portion indicated by the reference character 10. The apices of the cones thus joined together are preferably formed blunt and somewhat enlarged, as indicated at 11 and 12, thus affording slight grooves for the attachment of loops of some flexible cord as indicated at 13, 14. The portions of the cord 13, 14 are preferably the ends of a continuous strand, which the operator of the toy may grasp to pull the vehicle part A over the floor or other surface. Near the bases of the conical portions there are cylindrical enlargements on either side of the peripheral groove leading to the connecting neck portion 10 and these cylindrical portions are designated in the drawing by the reference characters 15, 16. They furnish suitable peripheral portions upon which the toy may be rolled over the floor or other surface. The contracted neck portion 10 is provided with a groove, as indicated at 17. This groove supports a counterweighted metallic member 18, upon which is adapted to be mounted various toys in the form of animals, birds, and the like. In the embodiment of the invention shown in the drawing a removable toy in the form of a bird is illustrated, as indicated by the reference character 19, the same being detachably mounted on the upper extremity of the metallic support 18 by means of a tubular depending portion 20, which telescopes over the upper end of the member 18. The toy supporting metallic piece 18 is preferably formed of suitable spring wire and is given the general shape shown most clearly in Fig. 3, from which it will be seen that it is provided with a loop or convolution between its extremities, as indicated at 18^a, which loop or convolution is of a general U shape somewhat contracted near the opening and adapted to surround more than a semi-circumference of the groove 17 on the neck portion 10. The member 18 is counterweighted, the same being indicated by the reference character 21. This counterweight 21 may be of any suitable material, preferably such as lead or any metallic or other suitable substance being relatively heavy. It is preferred it be given the general shape illustrated in the drawings and a convenient method of attaching the same to the spring member 18 is that illustrated, from which it will be seen that a suitable groove 21^a is provided and through this groove the lower extremity of the metallic member 18 is passed, the same being provided with an eye through which may be passed a pin as indicated at 22 to secure the parts together. The loop 18^a of the spring member 18 is given such formation that it is necessary to spring the extremities of the loop somewhat apart in

order to insert the same over the groove of the neck member 10, but the loop at the same time should be given sufficient clearance so that it will not bind tightly upon the bottom of the groove and so prevent relative turning between the toy supporting means and the vehicle A. It will be seen by an inspection of the device as illustrated and from the foregoing description that when the counterweight 21 is heavier than the toy 19 as intended the counterweight will maintain the toy in the vertical position upon the upper side of the vehicle in the manner illustrated in the drawings, even though the toy may be rolled along the floor or other surface upon the peripheral or wheel portion 15, 16.

It is an important feature of the invention that the conical projections on the vehicle portion afford a convenient surface for various designs of coloring which makes it more attractive as it is operated. This coloring may be given any desired form, one form preferred by me being that illustrated in the drawings, consisting of variegated stripes in spiral formation. The particular form which this coloring or striping shall take, however, is a matter that may be left to the taste of the manufacturers and users.

In operating the toy, the child or other operator simply grasps the string 13, 14, which is preferably a single or united strand, and pulls the device over the surface upon the wheel portions 15, 16, causing the vehicle part A to revolve while at the same time the neck portion 10 will rotate inside the loop 18^a of the counterweighted toy supporting member 18 and the friction will not be sufficient to cause any appreciable motion on the part of the toy 19 when the parts are properly constructed as described. In this operation the toy will appear to be mounted upon the top of the peripheral part 15, 16 of the vehicle, and when the feet of the toy are relatively close to the periphery of the vehicle the representation of the animal or bird will appear to be walking upon the upper periphery. Thus it will be seen that a toy full of life and movement is provided, and it is an important feature of the invention that the toy portion 19 is made detachable simply by lifting the tubular part 20 thereof from the upper extremity of the counterweighted supporting part 18. The vehicle part, therefore, it will be seen is adapted to carry any suitable character of toy, and it is preferred that with each of the devices a number of different toys be provided, as for example representations of birds of various colors, and all sorts of animals such as monkeys, pigs, and the like.

In order that the invention might be fully understood the details of the preferred embodiment have been specifically described, but it is not desired to be limited to the exact details of construction, for it will be apparent that persons skilled in the art may resort to many modifications and adaptations without departing from the purpose and spirit of the invention.

What I claim and desire to secure by Letters Patent, is:

1. A toy comprising a vehicle formed with circular tread portions having a connecting neck between them, and a counterweighted supporting member freely mounted on the neck and adapted to support a toy on its upper extremity above the vehicle portion.

2. In a device of the character described, the combination of a vehicle comprising two substantially conical shaped members provided near their bases with peripheral portions upon which the said members are adapted to roll, the said conical shaped members being connected by a suitable neck portion with their bases adjacent each other and a space therebetween, and a counterweighted toy supporting portion pivotally mounted on the neck and extending above the upper periphery of the adjacent conical bases for supporting a toy thereon.

3. In a device of the character described, the combination of a vehicle comprising two substantially conical shaped members having tread portions at their bases upon which the said members are adapted to roll, the said conical shaped members being connected by a suitable neck portion with their bases adjacent each other and a space therebetween, a counterweighted toy supporting portion freely rotatable on the neck and extending above the upper periphery of the adjacent conical bases for detachably supporting a toy thereon, and means at the apexes of said conical members for attachment to a draft member.

4. In a device of the character described, the combination with a vehicle portion comprising two approximately conical shaped members with their bases adjacent and connected by a contracted neck portion, said neck portion being provided with a retaining groove, and a counterweighted toy supporting member pivotally supported in the said groove of the neck portion and having a portion thereof extending beyond the periphery of the said conical shaped bases for supporting a toy thereon.

5. In a device of the character described, the combination with a vehicle portion comprising a cylindrical member provided with a peripheral groove, of a toy supporting member adapted to be freely supported within the groove of the cylindrical member, a counterweight on said toy supporting member disposed within the groove, and a toy carried at the upper extremity of the toy supporting member.

6. In a device of the character described, the combination with a vehicle portion com-

prising a cylindrical member provided with a peripheral groove midway the extremities thereof, a toy supporting member rotatably supported within the groove of the cylindrical member, and having a portion outstanding beyond the cylindrical member, a counterweight on said toy supporting member, and a toy detachably mounted on the upper extremity of the said toy supporting member.

7. In a device of the character described, the combination with a vehicle portion comprising an approximately cylindrical member being provided with a groove, of a toy supporting member pivotally mounted on the contracted portion of the groove of the said cylindrical member, a counterweight on the said toy adapted to be carried by the toy supporting member above the periphery of the said cylindrical member, and axle extensions on the said cylindrical member adapted to receive means for drawing the device over a surface.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, on this 29th day of June A. D. 1912.

DARIUS T. PHILLIPS.

Witnesses:
A. L. SPRINKLE,
C. H. SEEM.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."