

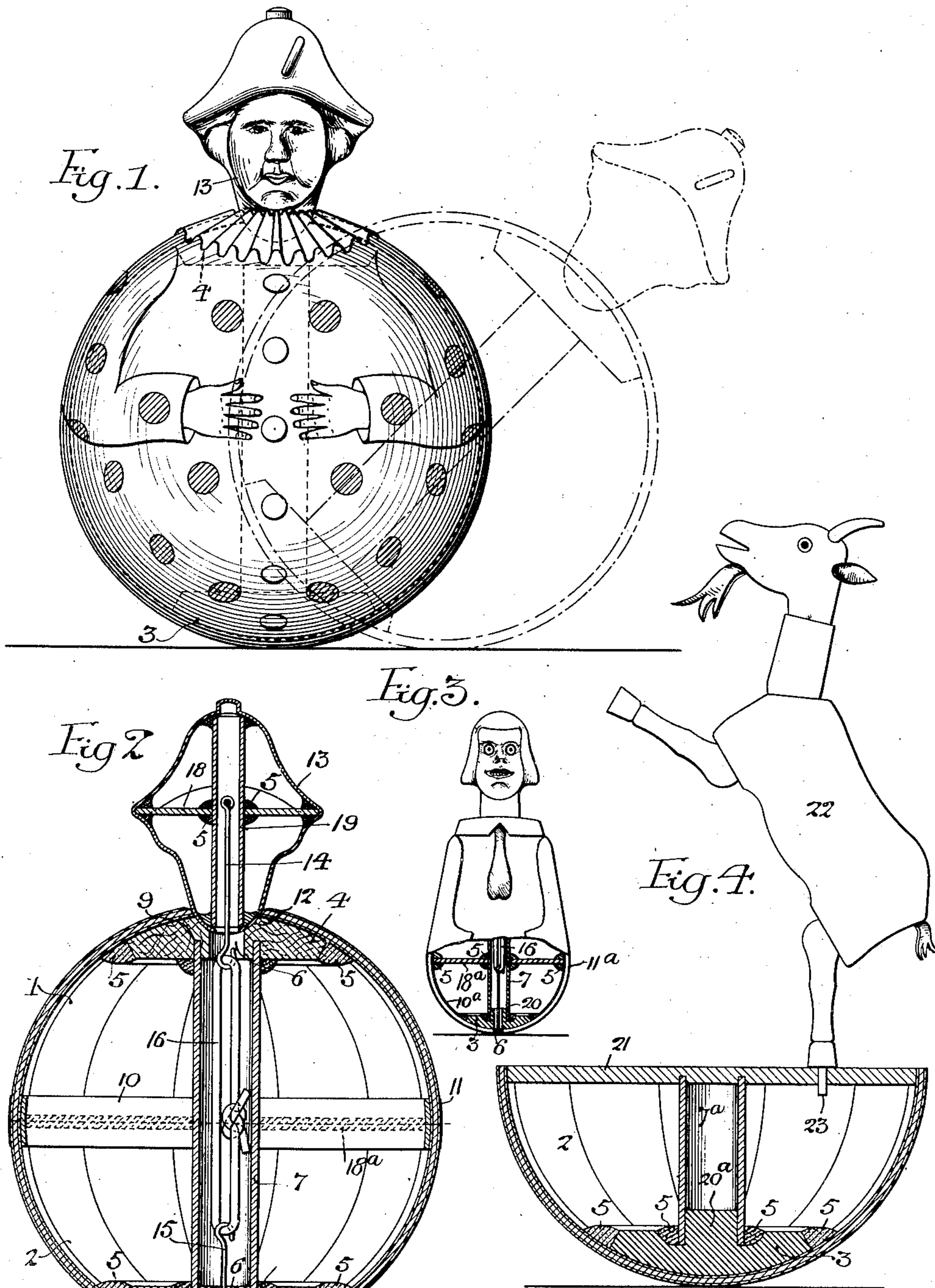
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TOY.

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# UNITED STATES PATENT OFFICE.

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## TOY.

No. 907,092.

Specification of Letters Patent.

Patented Dec. 15, 1908.

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*To all whom it may concern:*

Be it known that I, ALBERT SCHOENHUT, a citizen of the United States, residing in Philadelphia, Pennsylvania, have invented certain Improvements in Toys, of which the following is a specification.

My invention relates to that class of toys having a hollow base with weighted portion therein so that the toy will always return to an upright position when placed in any other position.

My invention is fully shown in the accompanying drawings, in which:

Figure 1, is an elevation of one form of such toy made in accordance with my invention; Fig. 2, is a sectional view of the same, and Figs. 3 and 4, are views, partly in section, of other forms of such toy embodying my invention.

As ordinarily constructed, toys of this character are substantially spherical, or if the upper part is in the shape of the body of the figure, the base will be rounded, and secured within such base is the weight. A large difficulty in the use of these toys is the fact that the weight very soon becomes displaced, rendering the toy useless. The object of my invention is to provide a structure in which the weight will be braced in such manner as to prevent its displacement, and the hollow structure will be so tied together as to insure the greatest amount of strength and rigidity, and the highest efficiency in use.

In constructing the toy I prepare two half sections 1 and 2, which, in the case of the structure shown in Figs. 1 and 2, are hemispherical, and are made of paste-board in several layers as indicated; being pressed into the desired shape by suitable dies. Secured by glue or other suitable means, to the lower portion of the structure, and in this case to the section 2, is a weight 3, and secured by glue or other suitable means to the upper section is a block of wood 4. The glue is indicated at 5 and is applied liberally so as to insure a firm connection between the several parts. Both the weight member, which is of metal, and the block of wood are centrally bored at 6, and connecting them is a tube 7 adapted to sockets 8 and 9, in said members. This tube is first fixed in the weight and held therein by means of glue or other retaining material, as indicated at 5, and such tube may be of paste-board, metal or other suitable material. In some in-

stances I may make use of a pair of rods in lieu of the tube. The two sections thus prepared are placed together, the upper end of the tube being introduced into the recessed portion of the block of wood, and then such sections are secured by annular strips of suitable material to which they are glued. The inner strip is shown at 10 and is first secured to one member or the other before the same are assembled. The outer strip is shown at 11 and may be a single layer of muslin glued to the sections after they are placed together. When the toy is finished by painting, varnishing &c., the outer strip of muslin will be concealed.

The block of wood has a rounded socket 12 for the reception of a head of a figure indicated at 13, and in order to confine said head to the spherical base, it is provided with a hook 14, and the base is provided with a hook 15. Between these hooks an elastic cord 16 is provided. The hook 14 may be secured to the head in any suitable manner while the hook 15 is secured to the weighted base by means of a pin 17 passing between said weight and the body of the shell. By the use of the elastic cord the head may be caused to assume and will be retained in various positions with respect to the body of the figure. The head in the present instance may be made of half sections suitably secured together, and is internally braced to insure stiffness by means of a plate 18 centrally disposed with respect to the same. To accommodate the hook carried by said head and further support the same, a tube 19 is disposed between the upper and lower portions of the head and secured thereto and to the central plate 18, by a liberal application of glue as indicated at 5.

Instead of making a toy substantially spherical in shape, I may have one of the character shown in Fig. 3, in which the upper portion is shaped into the form of a body, surmounted by a head constructed in substantially the same manner as in the form of toy illustrated in Figs. 1 and 2. In the form of toy shown in Fig. 3, the sections forming the same are pressed into shape in suitable dies in the usual manner and are joined on vertical instead of horizontal lines. With such construction, the body is braced by a centrally disposed plate 18<sup>a</sup> secured to the half sections or shells and to the central tube 7 by liberal applications of glue. In this structure the weight is substantially the same

as that shown in Fig. 2, but to improve the connection between the same and the tube 7, the weight has a portion 20 projecting above the upper face of the same and disposed within the tube as indicated. The supporting means for the upper portion of the toy and the connection for the head, as well as its construction, are the same as indicated in Fig. 2, and hence further illustration is thought to be unnecessary. These shells are secured together by inner and outer strips 10<sup>a</sup> and 11<sup>a</sup>.

A modification of the structure consists in employing only the lower section of the toy shown in Fig. 2, for instance, with a wooden top as indicated at 21 in Fig. 4. The lower section is substantially the same as the section of the structure shown in Fig. 2, but the weight is not apertured and has a projection 20<sup>a</sup> for engagement with the tube 7<sup>a</sup> or other support for the top 21. Such top may carry an animal, indicated at 22, the legs of such animal being provided with pins 23 entering apertures in said top. The animal is of a jointed character well known at the present time and may be caused to assume various positions with respect to the hemispherical weighted base.

I claim:

1. A toy comprising a shell of suitable material, a weight secured to said shell, a socketed member secured opposite said weight, supporting means extending between said weight and socketed member, and a head mounted in said socketed member.

2. A toy comprising a spherical shell of suitable material, a weight secured to said shell, a socketed member secured opposite said weight, supporting means extending between said weight and socketed member, and a head mounted in said socketed member.

3. The combination of a spherical shell, a weight carried thereby, a socketed member carried by the shell opposite the weight, supporting means between said socketed member and the weight, a head adapted to said socket, and flexible retaining means for said head whereby the latter may be caused to assume various positions with respect to the spherical member.

4. A toy comprising a hollow body having a weight, means for securing said weight in place, a figure receiving member carried directly by said hollow body, a figure mounted thereon, and a fixed support for said figure receiving member interposed between the same and said weight.

5. A toy comprising a hollow body formed of a pair of hemi-spherical shells, a weight carried by one of the said shells, a socketed

member carried by the other shell, supporting means between said weight and socketed member, and means for securing the said shells together to form a spherical body.

6. A toy comprising a hollow spherical shell of suitable material, a weight secured to one portion of said shell, a socketed member of lighter material secured to the shell opposite said weight, supporting means extending between said weight and socketed member, a head mounted in said socketed member, and retaining means for said head.

7. A toy comprising a hollow spherical shell of suitable material, a weight secured to one portion of said shell, a socketed member of lighter material secured to the shell opposite said weight, supporting means extending between said weight and socketed member, a head mounted in said socketed member, and flexible retaining means for said head.

8. The combination of a pair of hemi-spherical shells joined to form a hollow body, a weight carried by one of said shells, a socketed member carried by the other shell and disposed opposite the weight, supporting means between said socketed member and the weight, a head adapted to said socket, flexible retaining means for said head whereby the latter may be caused to assume various positions with respect to the hollow body, and means comprising inner and outer annular bands for securing said hemi-spherical shells together.

9. A hollow spherical body having a weight, means for securing said weight in place, a figure receiving member carried directly by said hollow body, a figure mounted thereon, and means for supporting said figure receiving member interposed between the same and said weight.

10. A toy comprising a hollow body consisting of a pair of hemi-spherical shells made of several layers of paste-board pressed into shape, an apertured weight carried by one of said shells, an apertured and socketed member carried by the other shell, a tube forming a support mounted between said weight and socketed member, means for securing the said shells together to form a spherical body, a head mounted in the socketed member, and retaining means for said head extending through said tube and the apertures of the weight and socketed member.

In testimony whereof, I have signed my name to this specification, in the presence of two subscribing witnesses.

ALBERT SCHOENHUT.

Witnesses:

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JOS. H. KLEIN.