

No. 790,660.

PATENTED MAY 23, 1905.

O. A. PRIOR.
TOY.

APPLICATION FILED JAN. 11, 1904.

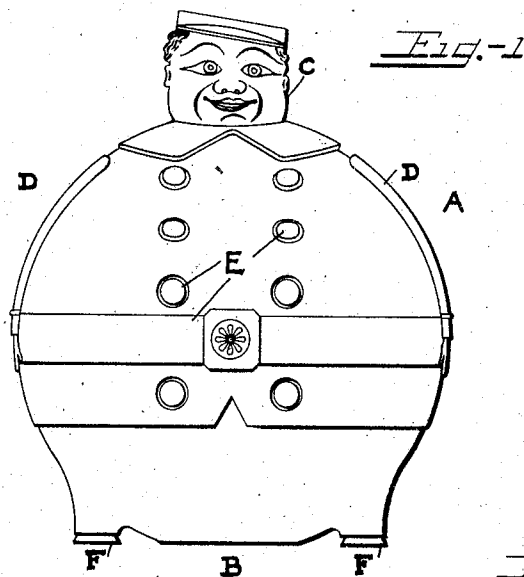


Fig. 3

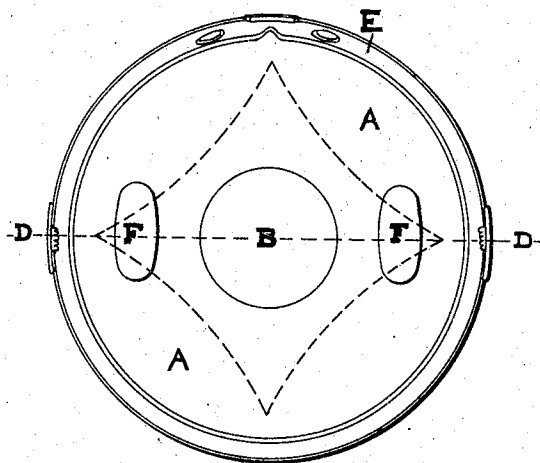


Fig. 2

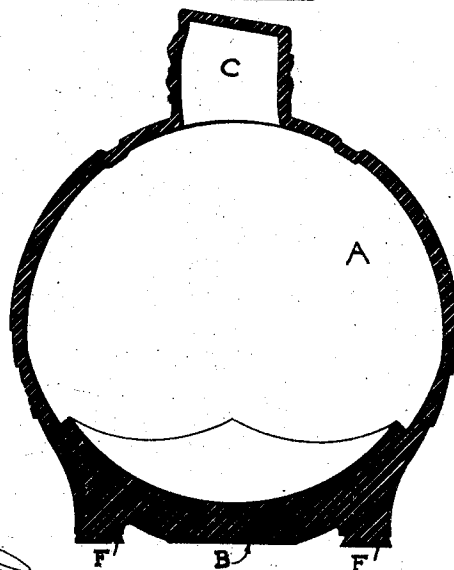
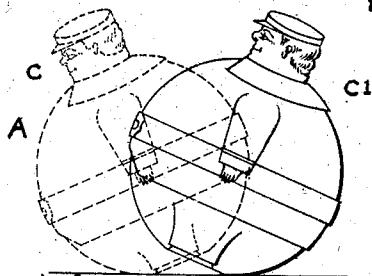


Fig. 4



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TOY.

SPECIFICATION forming part of Letters Patent No. 790,660, dated May 23, 1905.

Application filed January 11, 1904. Serial No. 188,491.

To all whom it may concern:

Be it known that I, OSCAR A. PRIOR, a citizen of the United States, residing at Detroit, county of Wayne, State of Michigan, have invented a certain new and useful Improvement in Toys; and I declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to toys; and the object of my improvements is to provide an improved doll of a resilient construction, so that when it is thrown down it will bound, and so constructed that it will automatically come to an upright position and in so doing will oscillate forward and backward, as if bowing.

I secure this invention in the device illustrated in the accompanying drawings, in which—

Figure 1 is a front elevation of the doll. Fig. 2 is a detail sectional view parallel to the plane of Fig. 1. Fig. 3 is an inverted plan view. Fig. 4 indicates the doll oscillating forward and backward and coming to its upright position.

The doll is constructed of india-rubber, the same being approximately spherical in construction, and consists of a thin hollow shell thicker and heavier at the lower part, as indicated most distinctly in Fig. 2.

A indicates the spherical hollow shell constituting the body, from which the head C slightly projects, and also the feet F F. This shell is thicker at the bottom, as described above.

B is a small circular flat base at the lower part of the figure. The feet F F are flat and approximately in line with the flat base B and are of less length than the diameter of said base and are located at equal distance from said base diametrically opposite each other.

The figure rests upon the base B and the feet

F F when in an upright position. It will be noticed that the flat portion of the feet and base together form a supporting-surface for the figure, which supporting-surface has a considerably greater extent laterally than forward and back.

D D are markings or impressions in the rubber of the body indicating arms, and E similar markings indicating buttons and a belt.

The operation of the device is as follows: When thrown upon the floor, it bounds and rolls irregularly, turning both sidewise and forward and backward, eventually, because of the heavy thickened lower portion, turning to an upright position and oscillating a few times before coming to rest upon the base B and feet F F. In turning to its upright position at the last few oscillations it is prevented from turning sidewise to that position by the feet F F, but gravitates to a position at which it turns to the vertical about the smallest dimension formed by the supporting-surfaces consisting of the base B and feet F F, which causes the oscillation to be always forward and back, as if the figure were bowing.

The thickened portion is in the form of a square projection rising upward from the lower portion inside of the figure. The square projection has its corners extending forward and back and sidewise.

What I claim is—

1. A resilient doll, approximately spherical in shape, the component material of the walls growing gradually thicker from near the central horizontal circumference toward the base, the supporting-base being of greater lateral than forward and backward extent, for the purpose described.

2. A resilient doll approximately spherical in shape and made heavier toward the base and provided with a base of greater lateral than fore and back extent.

3. A resilient doll, approximately spherical in shape and made heavier toward the base, provided with a small flattened portion at the

lowest portion of its surface, and with slight
projections resembling feet at each side of
said flattened portion, the lower surface of
said projections being flat and in approxi-
5 mately the same plane as said flattened por-
tion of the doll, substantially as and for the
purpose described.

In testimony whereof I sign this specifica-
tion in the presence of two witnesses.

OSCAR A. PRIOR.

Witnesses:

WILLIAM M. SWAN,
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