

(Model.)

J. E. A. McALLISTER.

TOY.

No. 300,097.

Patented June 10, 1884.

Fig. 1

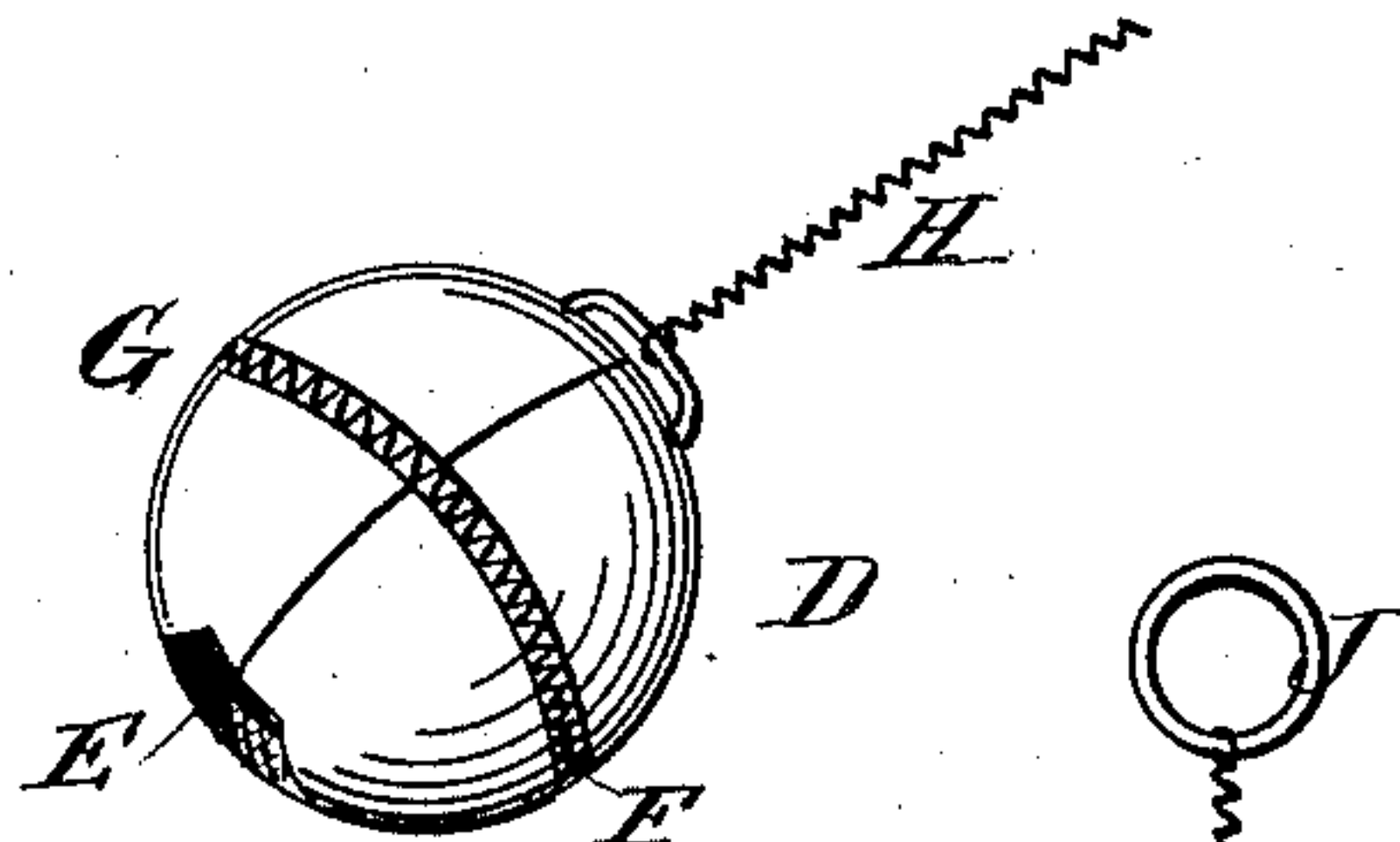
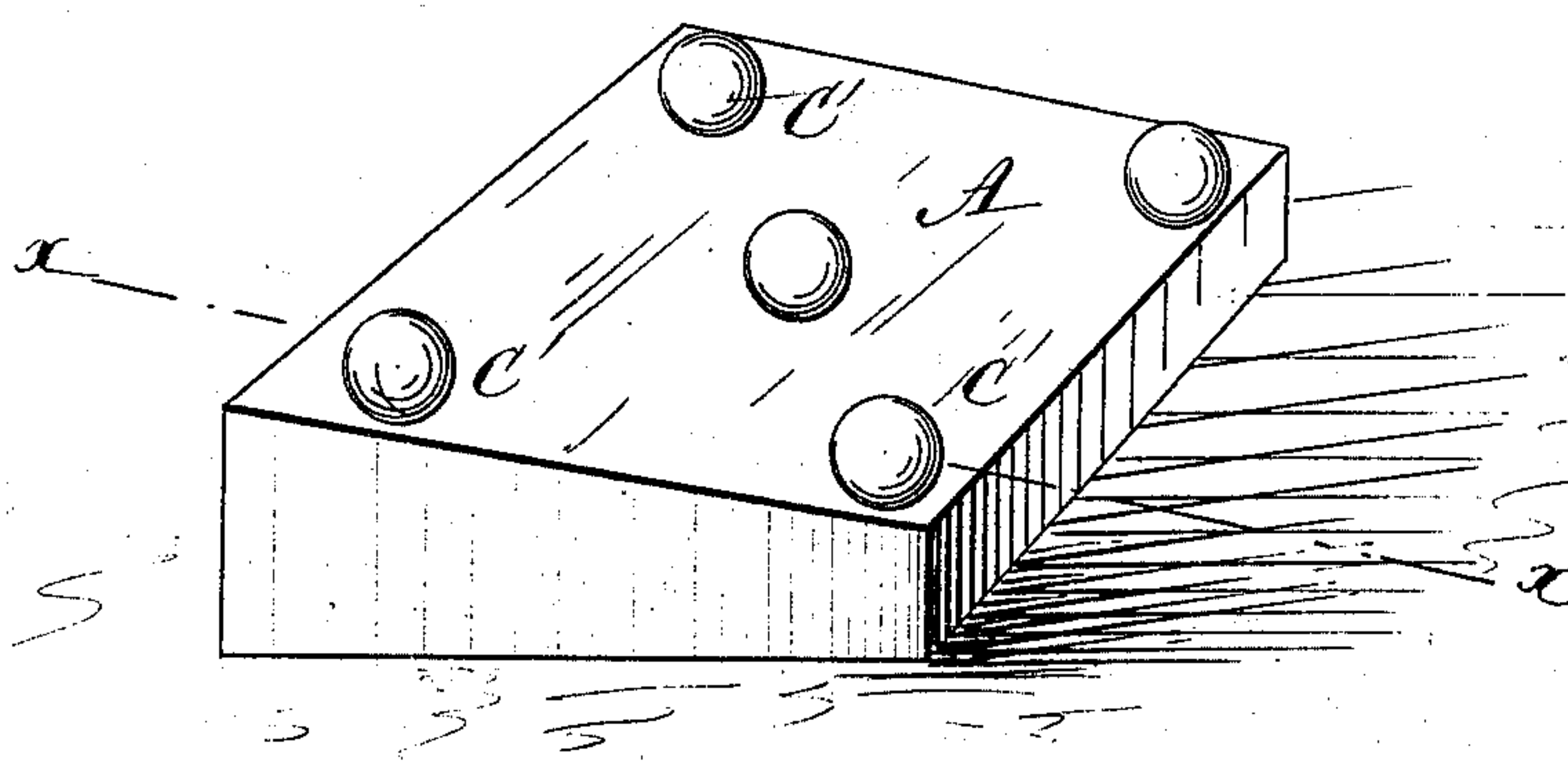


Fig. 2

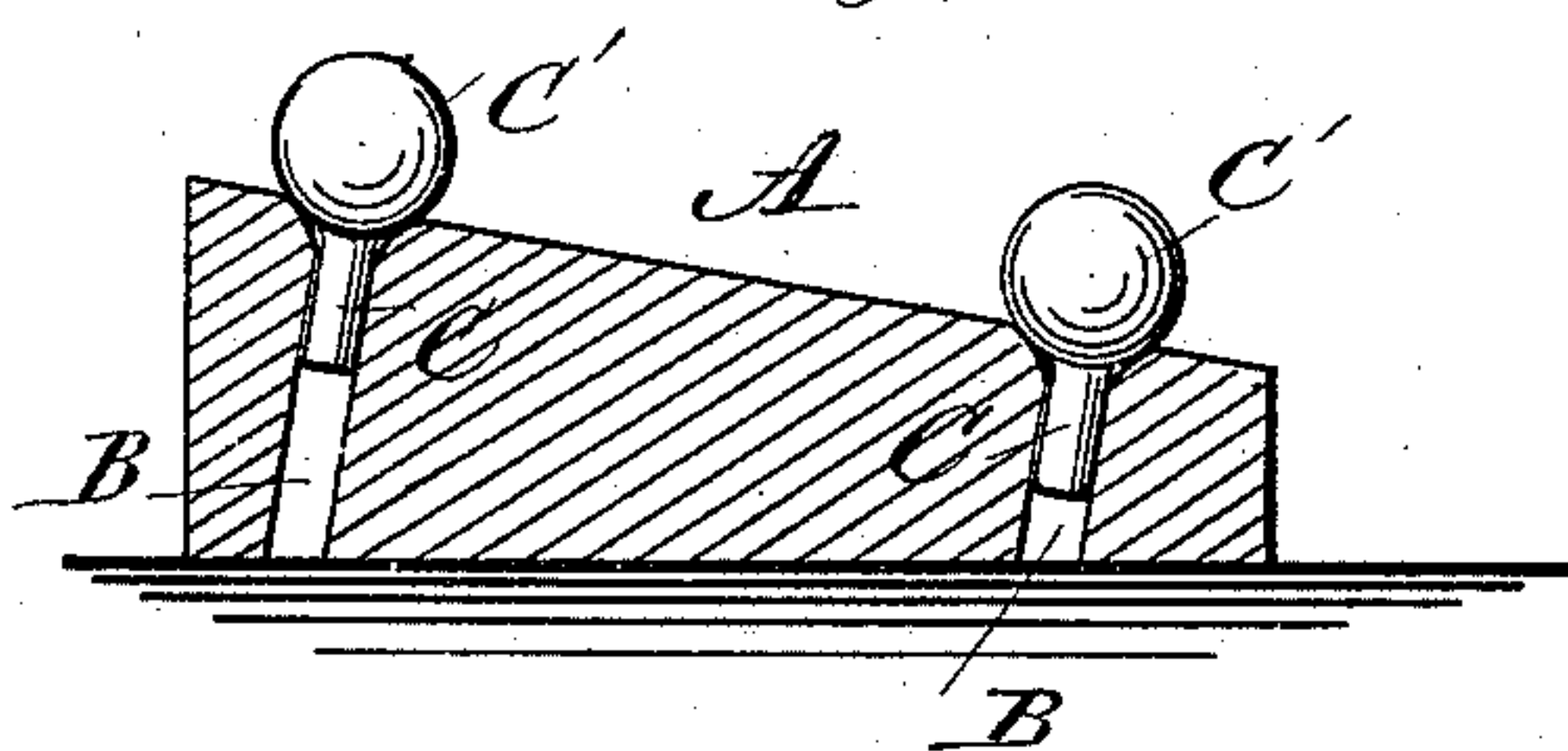


Fig. 3

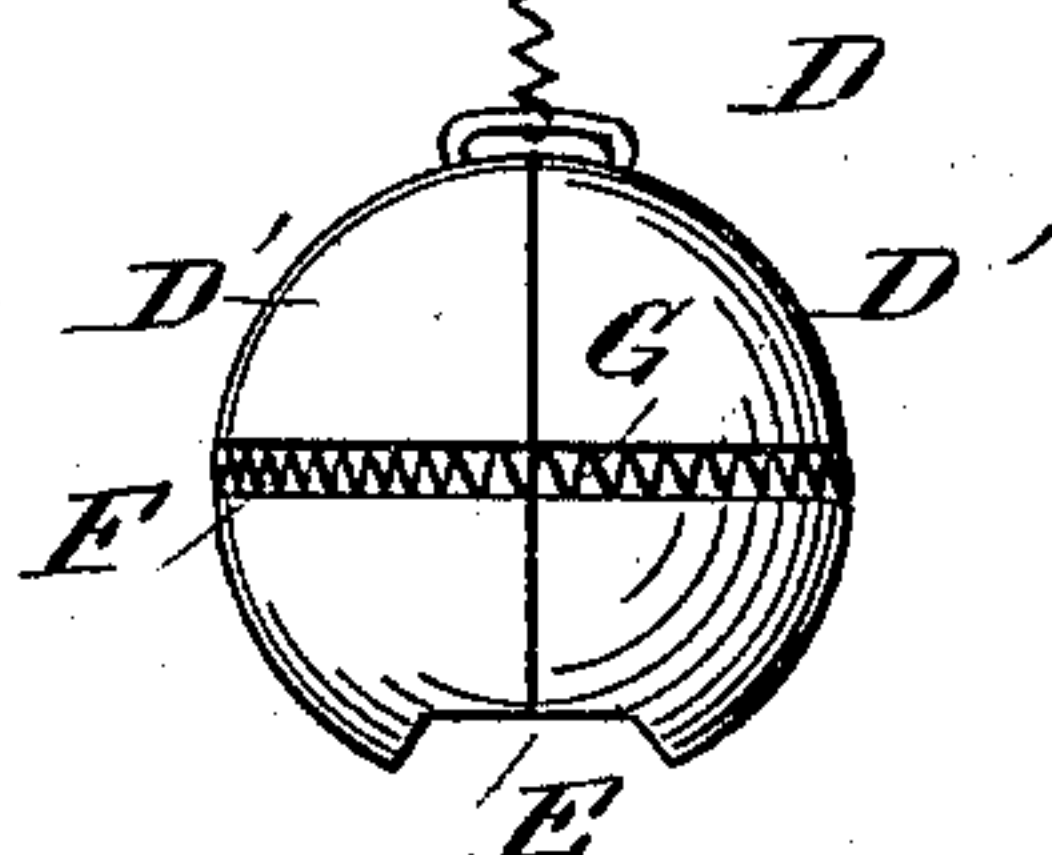


Fig. 4

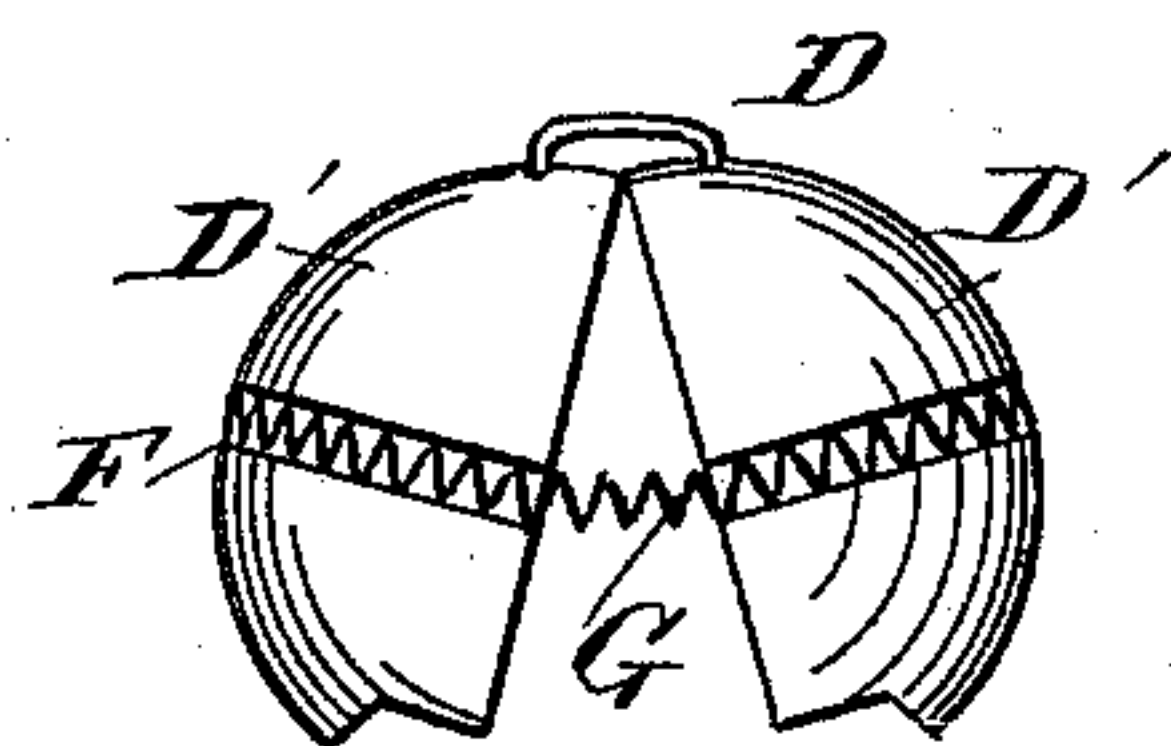
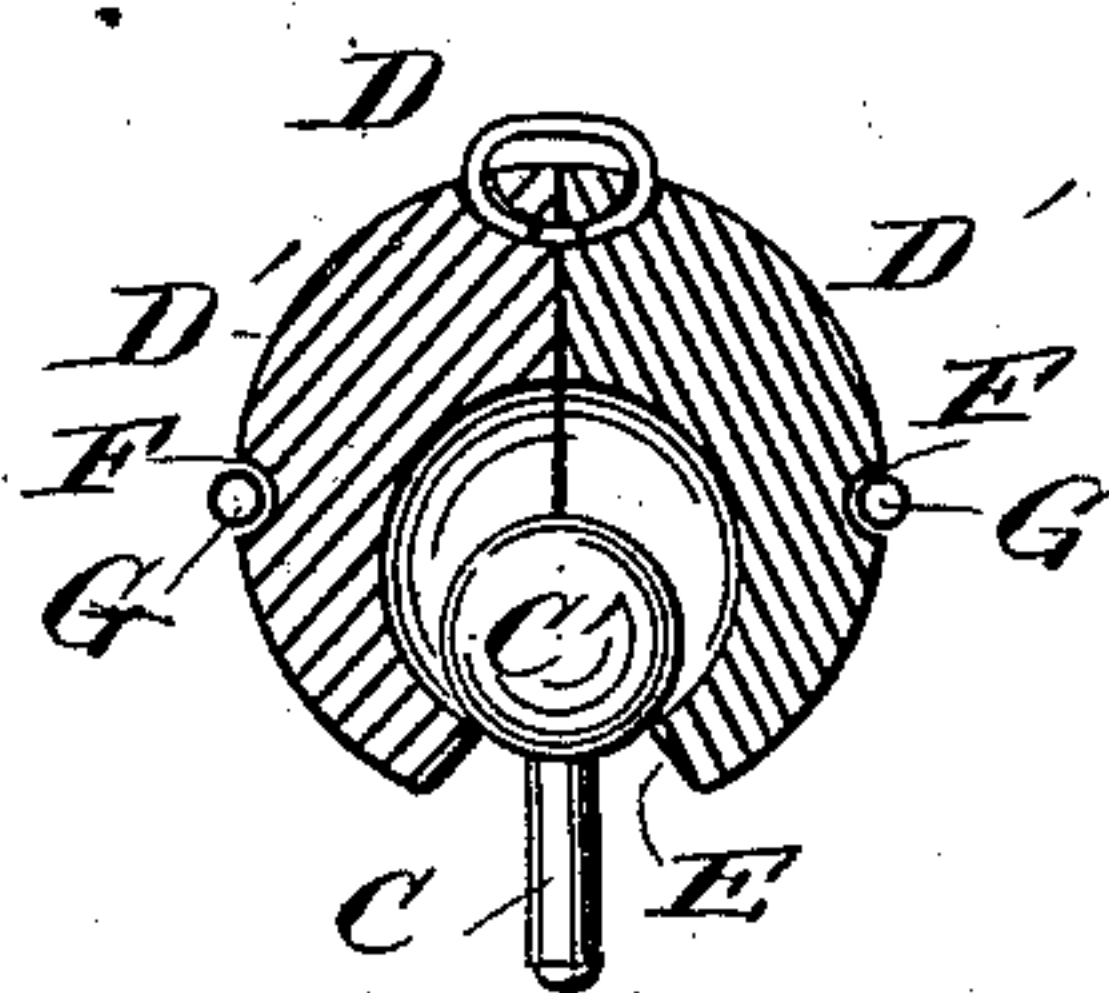


Fig. 5



WITNESSES:

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TOY.

SPECIFICATION forming part of Letters Patent No. 300,097, dated June 10, 1884.

Application filed February 13, 1884. (Model.)

To all whom it may concern:

Be it known that I, JAMES E. A. McALLISTER, of Albany, in the county of Albany and State of New York, have invented a new and Improved Toy, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and amusing toy of simple construction.

The invention consists in a hollow ball formed of two sections hinged to each other and pressed together by a spring or elastic band surrounding the ball, which ball is provided with an aperture opposite the hinge. The ball is secured to an elastic cord, and is thrown against headed pegs held in apertures in a board. If the ball strikes a peg, the head enters the ball and the peg is withdrawn from its aperture in the board.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of my new toy. Fig. 2 is a cross-sectional elevation of the board for holding the pegs on the line *xx*, Fig. 1. Fig. 3 is a side view of the ball, showing it closed. Fig. 4 is a side view of the same, showing it opened. Fig. 5 is a cross-sectional elevation of the same, showing it holding a peg.

A board, A, having a slightly-inclined top, is provided with a series of apertures, B, on the top for receiving pins or pegs C, having ball-heads C'. A ball, D, is formed of two semi-spherical sections, D', hinged to each other and cut away to form an opening, E, diametrically opposite the joint. The ball is provided with a circumferential groove, F, in which an annular spring or rubber, G, is held, which presses the sections D' together. A spiral spring, H, fastened to a cord or an india-rubber band or strand, is secured to the ball at the joint, and at the opposite end the cord is provided with a

ring, J, or loops, which can be passed over the finger. The ball is thrown at the board A, and is immediately drawn back in the hand by the elastic string. If the ball strikes one of the ball-heads C', the sections of the ball are forced apart by the ball-head and grasp it, thereby withdrawing the corresponding peg or pin when the ball is drawn back into the hand by the elastic band. The ball is thrown successively until one or all of the pins or pegs are withdrawn from the apertures in the board A.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. The ball D, formed of two hollow semi-spherical sections hinged to each other, provided opposite the hinge with an opening, and pressed against each other by a spring or elastic band surrounding the ball, substantially as herein shown and described.

2. The combination, with the ball D, formed of two semi-spherical hollow sections hinged to each other and pressed together by a spring or elastic band, and having an opening opposite the hinge, of an elastic string secured to the ball at the joint or hinge, substantially as herein shown and described.

3. The combination, with the hollow semi-spherical sections D', each having a groove, F, and cut away to form an opening, E, of the spring or elastic band G in the grooves, and a hinge uniting the two sections, substantially as herein shown and described.

4. The combination, with a hollow ball formed of two hinged and spring-pressed sections, provided with an elastic cord at its hinge or joint, of the board A, provided with apertures, B, and the pins C, provided with heads C', substantially as herein shown and described.

JAMES E. A. McALLISTER.

Witnesses:

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THOMAS F. CURLEY.