

F. H. CALLAHAN.

TOY.

APPLICATION FILED MAR. 21, 1910.

960,075.

Patented May 31, 1910.

Fig 1

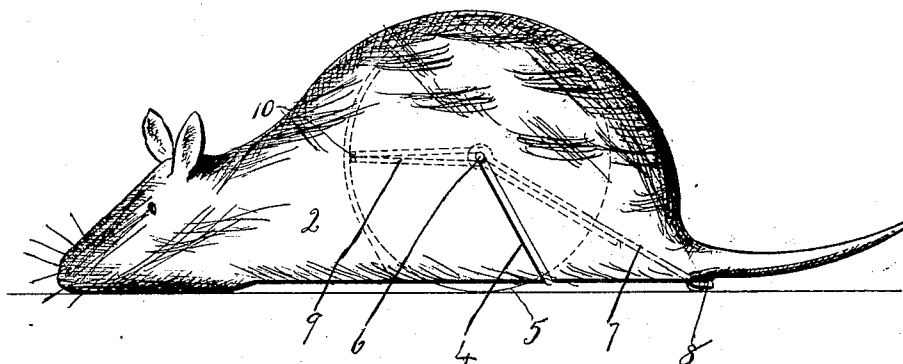


Fig 2

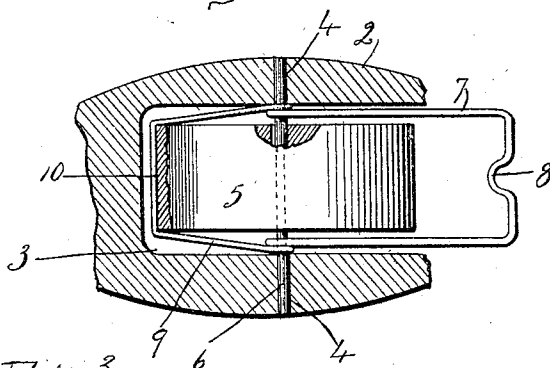
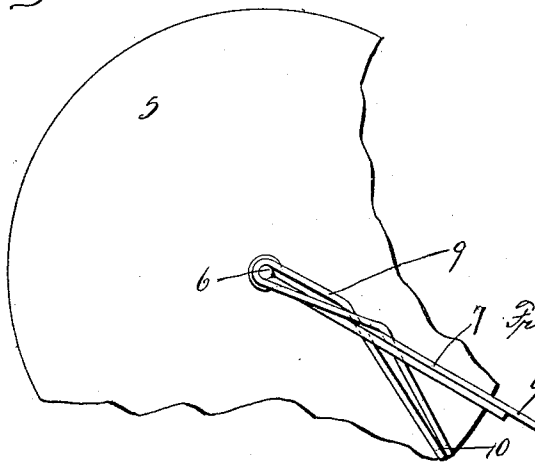


Fig 3



Witnesses
C. J. Reed
C. L. Reed

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by
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UNITED STATES PATENT OFFICE.

FRANCIS H. CALLAHAN, OF NEW HAVEN, CONNECTICUT, ASSIGNOR OF ONE-HALF TO
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TOY.

960,075.

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To all whom it may concern:

Be it known that I, FRANCIS H. CALLAHAN, a citizen of the United States, residing at New Haven, in the county of New Haven and State of Connecticut, have invented a new and useful Improvement in Toys; and I do hereby declare the following, when taken in connection with the accompanying drawings and the numerals of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1 a side view of a toy constructed in accordance with my invention. Fig. 2 a broken transverse sectional view of the same. Fig. 3 an enlarged view of a portion of the wheel, axle and yoke showing the manner in which the elastic band engages with the axle and yoke.

This invention relates to an improvement in toys, and particularly to that class in which a body is provided with a roller and means to turn the roller so as to propel the body, the object of the invention being a simple device in which an ordinary rubber band is employed as the motive power; and the invention consists in the construction hereinafter described and particularly recited in the claim.

The body 2 may be of any preferred design, herein represented as that of a mouse. Within the body is a chamber 3 and in the side walls of the chamber and opening through the bottom of the body are slots 4 preferably arranged in line at an angle from the perpendicular. The roller 5 is adapted to turn within the chamber and is loosely mounted on an axle 6 which extends into the slots 4. On this axle is a yoke 7 the rear end 8 of which is attached to the rear end of the body, and when attached to the body holds the wheel in position. Before

the wheel and axle are inserted into the body one end of an elastic band 9 is placed over the axle outside the yoke and the band passed over the periphery of the wheel and over the other end of the axle outside the other arm of the yoke and so that when the wheel is in the body the ends of the elastic band will stand between the body and the yoke. If the wheel is turned the ends of the rubber band will be wound about the axle as the ends of the band are held by being looped over the ends of the yoke. Then if the toy is placed on the floor the band will turn the wheel in a reverse direction and propel the body. If the rubber band breaks it is only necessary to detach the yoke from the body and remove the wheel and attach another rubber band, these bands being the ordinary rubber bands used in holding paper and other articles. If desired the wheel may be provided with a notch 10 in its periphery through which the rubber bands may extend, although this is unnecessary as the band will grip the periphery of the wheel sufficiently to hold its place.

I claim:—

In a toy, the combination with a body having a chamber, slots in the side walls of said chamber, a roller, an axle on which the roller may turn, said axle adapted to be entered into said slots, a yoke on said axle, means for attaching the end of the yoke to the body, and an elastic band the opposite ends of which are looped over the axle on opposite sides of the wheel between the walls of the chamber and the arms of the yoke.

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

FRANCIS H. CALLAHAN.

Witnesses:

FREDERIC C. EARLE,
CLIFFORD J. REED.