G. J. ROBA.

TOY.

APPLICATION FILED APR. 22, 1914.

1,115,575. Patented Nov. 3, 1914.

Fig. 1

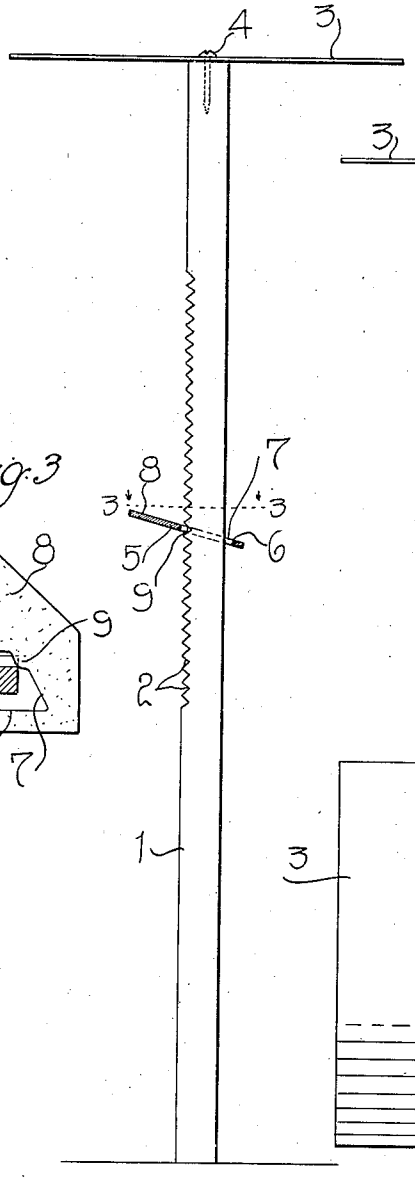


Fig. 2

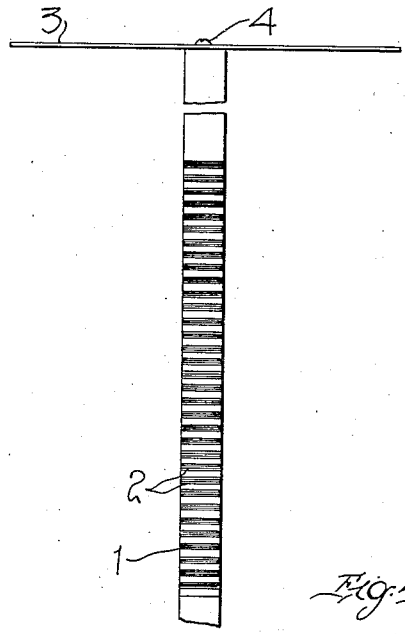


Fig. 3

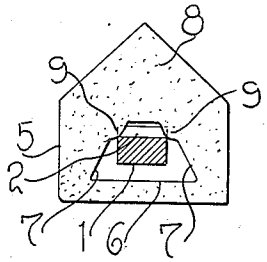
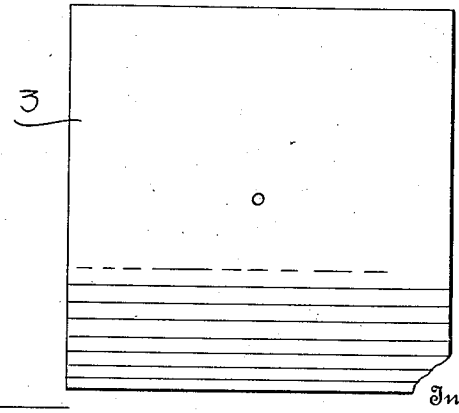


Fig. 4



Inventor

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UNITED STATES PATENT OFFICE.

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TOY.

1,115,575. Specification of Letters Patent. Patented Nov. 3, 1914.

Application filed April 22, 1914. Serial No. 833,761.

To all whom it may concern:

Be it known that I, GEORGE JOHN ROBA, a citizen of the United States, residing at Paulina, in the county of Crook and State of Oregon, have invented certain new and useful Improvements in Toys, of which the following is a specification, reference being had to the accompanying drawings.

This invention comprehends certain new and useful improvements in toys or amusement devices, and it has for its primary object a simple device which may be very cheaply made and yet afford considerable amusement.

A further object of the invention is an improved toy embodying a vibratory stick or bar, a rotary member such as a piece of cardboard or the like carried on one end of the bar, and a slide movable on the bar, the bar being notched in one or more edges whereby the slide as it is manipulated back and forth on the bar, will cause the same to vibrate and cause the rotary member to spin.

With these and other objects in view, as will more fully appear as the description proceeds, the invention consists in certain constructions, arrangements and combinations of the parts that I shall hereinafter fully describe and claim.

For a full understanding of the invention, reference is to be had to the following description and accompanying drawing, in which—

Figure 1 is an elevation of a toy embodying the improvements of my invention, the slide hereinafter referred to being shown in section. Fig. 2 is a view of a portion of the device at right angles to Fig. 1. Fig. 3 is a transverse section on the line 3—3 of Fig. 1, and Fig. 4 is a detail view of the rotary member which may be employed.

Corresponding and like parts are referred to in the following description and designated in all of the views of the accompanying drawing by like reference characters.

My improved toy comprises a stick or bar 1 which may be formed of wood or any other substance or material capable of vibrating as hereinafter more specifically pointed out, said bar being provided at one end with a handle portion of any desired construction or formation and being formed near its other end with any desired number of transversely extending notches 2. Rotatably mounted on the end of the bar 1 is a spinning device 3 which may be, for example, a piece of cardboard, as clearly indicated by the drawing, rotatably secured to the end of the bar by a tack 4 or some correspondingly simple fastening device.

Mounted on the bar 1 is a slide 5, the same being provided with an opening 6 by which it may be slipped over the bar and being designed to ride over the notched portion 2 of the latter to cause the bar to vibrate. Preferably the side walls 7 of the opening 6 in the slide 5 are obliquely disposed, making the opening 6 of such shape and size, transversely considered, that the bar may slide freely through the wider portion of the opening 6, whereby when the slide 5 is grasped by the finger piece 8 it may be elevated slightly and slipped freely along the bar, or be pressed down over the notched portion 2 thereof, so that when it is thus caused to slip or slide over the bar, it will repeatedly strike the walls of the notches 2 and cause the bar to vibrate which will result in producing a spinning motion of the rotary member 3.

It will thus be seen that I have provided a very simple toy or amusement device, the parts of which are few in number and capable of being very cheaply manufactured and assembled.

While the accompanying drawing illustrates what I believe to be the preferred embodiment of my invention, it is to be understood that the invention is not limited thereto, but that various changes may be made in the construction, arrangements and proportions of the parts without departing from the scope of the invention as defined in the appended claims.

Preferably, the slide 5 is formed of rubber and it is provided in the opening 6 with bulged portions 9 designed primarily to directly engage the transversely extending notches 2 to secure the desired vibration.

What I claim is:

1. A toy of the character described comprising a bar formed with a transversely notched portion, a rotary member carried by the bar at one end of the latter, and a slide formed with an opening by which it is adapted to be slipped over and upon the bar, whereby the slide may be moved freely

along the bar or into frictional and sliding engagement with the notched portion thereof.

2. A toy of the character described, comprising a bar provided with a plurality of transversely extending notches, a card rotatably secured to one end of the bar, and a slide formed with an opening by which it is adapted to be slipped over and upon the bar, the slide being provided with a finger piece and the opening tapering toward the finger piece.

3. A toy of the character described comprising a bar provided with a plurality of transversely extending notches, a rotary member carried by the bar at one end of the latter and a flexible slide formed with an opening by which it is adapted to be slipped over and upon the bar, whereby the slide may be moved along the bar in frictional and sliding engagement with the notched portion thereof, for the purpose set forth.

4. A toy of the character described comprising a bar provided with a plurality of transverselv extending notches, a card rotatably secured on one end of the bar, and a slide formed with an opening by which it is adapted to be slipped over and upon the bar, said opening tapering toward one end and formed in its side walls with bulged portions, for the purpose specified.

In testimony whereof I hereunto affix my signature in the presence of two witnesses.

GEORGE JOHN ROBA.

Witnesses:
S. G. Douthil,
W. E. Hawkins.