

J. H. BOLTON.
TOY.

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1,041,582.

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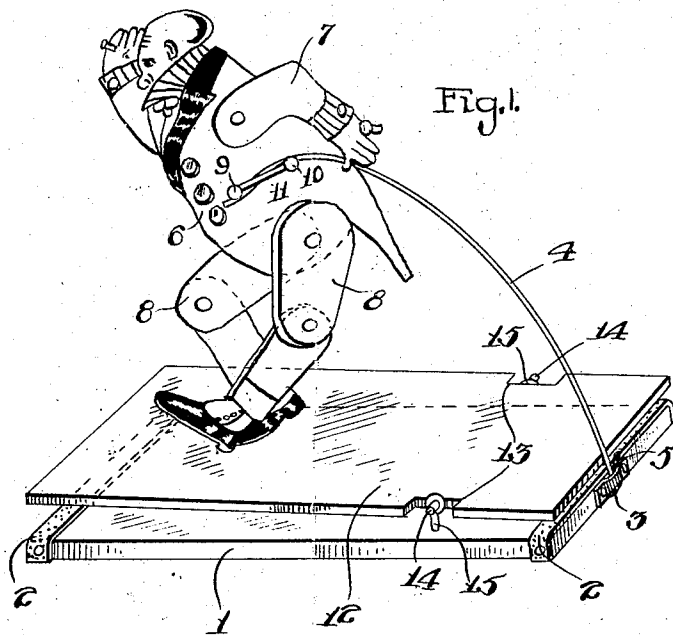


Fig. 1.

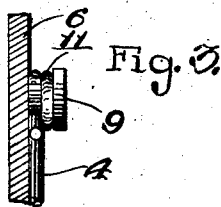
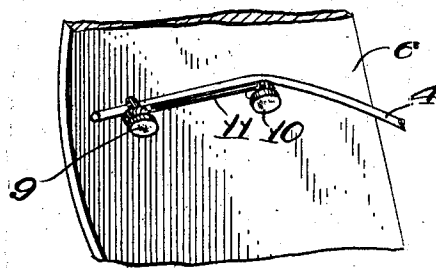


Fig. 2.



WITNESSES

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UNITED STATES PATENT OFFICE.

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To all whom it may concern:

Be it known that I, JOHN H. BOLTON, a citizen of the United States of America, residing at St. Louis, in the State of Missouri, have invented certain new and useful Improvements in Toys, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to toys and the principal object of the same is to provide a toy in which a figure is suspended above a resilient strip so that when the strip is vibrated the strip will strike the figure and cause it to go through the operation of dancing a jig.

It will, of course, be understood that the invention is susceptible to minor changes in details of construction such as come within the scope of the appended claims one preferred and practical embodiment of the invention being shown in the accompanying drawings wherein there is disclosed a perspective view of the toy forming the subject matter of this invention.

This invention is illustrated in the accompanying drawings, wherein—

Figure 1 is a perspective view showing one form of this invention. Fig. 2 is a perspective view of another form of the invention.

Referring to the accompanying drawing by numerals, it will be seen that the toy comprises a tapered block 1 which has a resilient strip 2 secured adjacent its thicker end by means of screws 3 or by any other desired means, and which extends longitudinally of the block 1 and extends past the narrower end of the block and is positioned in spaced relation thereto. Standards 4 and 5 are mounted in the upper face of the block 1 adjacent its inner end and each is provided with an eye to form journals for an operation means.

The operating means comprises a length of metal which is bent at right angles intermediate its length to form the end bearing 6 and is then bent back upon itself and carried beyond the bearing 6 and then back again upon itself to a point in alinement with the bearing 6 to form the substantial U-shape contact members 7 and 8. The strip of metal is then carried in alinement with the bearing 6 to form a second bearing 9 which extends beyond the block for a short distance. The metal is then bent to form an operating handle 10 so that the operating

device may be rotated in the eyes of the standards 4 and 5 and cause the contacting members 7 and 8 to successively engage the strip 2 and cause it to have a vertical vibration.

A thin strip of resilient metal is secured to the bottom of the block and carried above the upper edge, and is then curved over the block as indicated by the numeral 11 and has its remaining portion extending over the strip 2 and bowed toward the strip 2 as indicated by the numeral 12 with its free end positioned above and substantially parallel to the free end of the strip 2. The free end of the metallic strip is provided with a longitudinal extending slit and the tongues 13 and 14 formed thereby are twisted so that they will be positioned at right angles to the major portion of the strip and will be parallel to each other. A figure 15 having pivotally mounted arms 16 and legs 17 is positioned between the tongues 13 and 14 and secured in place by means of the rivets 18. The figure is secured between the tongues at such a point that the feet will normally rest upon or very close to the strip 2. It will thus be seen that when the operating device is rotated by turning the crank 10 or by connecting the bearing 9 with a source of rotating power that the contacts 7 and 8 will cause the strip 2 to strike the feet of the figure and cause the figure to vibrate vertically with its resilient metallic strip and go through the operation of dancing a jig.

In Fig. 2 there has been shown another form of the invention in which the base board 19 is of the same diameter throughout its length and is provided at each end with a strip 20 which is formed of felt or any other material desired, the strips being provided to prevent the device creating too much of a racket when in use. A strip is secured to the rear end of the base board and has its central portion bent to form a pocket 21 in which a wire 22 may be removably secured by having its bent end 23 inserted in the pocket 21. It will, of course, be obvious that the wire is resilient so that the bent end 23 will have a binding engagement with the strip so that it will be firmly but removably secured in the pocket. The figure 24 is provided with pivoted arms 25 and legs 26 and is removably connected with the wire 22. Pins 27 and 28 are secured to the body portion of the figure and a bar 29 connects the pins 27 and 28. The end of the

wire 22 passes over the pin 28 through the space between the bar 29 and the body portion of the figure and under the pin 27. It should be noted that the bar 29 fits close to the figure so that the end of the wire, which is bent as shown in Fig. 2, will fit snugly in place, and be tightly clamped so that the body portion of the figure cannot move while the figure is being operated. A platform 30 is provided with cut-out portions 31 at a point to the rear of its center point and pivot pins 32 are secured in the cut-out portions 31. The pivot pins pass through the eyes 33 so that the platform will be pivotally mounted. The platform is pivotally mounted to the rear of its center so that it will normally tip forwardly, thus causing the board to return to a tipped position when pressure is removed from the rear portion.

In operating the device shown in Fig. 2, the parts are assembled as shown and the resilient wire 22 bent so that the feet of the figure will just escape the forward end portion of the platform when the platform is in a normal position. The fingers are placed upon the rear portion of the platform and by keeping time to any tune desired, the forward end of the platform will be moved up and down in time to the music and the figure caused to go through the operation of dancing a jig by the forward end of the platform striking the feet as it is moved upwardly. It will be seen that in the form shown in Fig. 2, the figure may be caused not only to dance a jig, but to keep time to any tune desired. It will also be noted that the figure supporting wire may be dis-

nected so that the parts of the device may be packed in a small package.

Having thus described my invention what I claim is:—

1. A toy of the character described comprising a base board, a socket secured to one end of said base board, pivot eyes carried by said base board adjacent one end, a vibrating board provided with cut out portions adjacent one end, pins passing through the pivot eyes and into the cut out portions of the vibrating board to pivotally connect the vibrating board with the base board, a jointed figure, pins carried by said figure, a bar connecting said pins, and a resilient strip inserted in said socket and curved over said vibrating board and having its free end bent at an angle and carried over one of said pins between said bar and figure and beneath the remaining pin to removably secure said figure to said resilient strip.

2. A device of the character described comprising a base board, a vibrating board carried by said base board, a resilient supporting strip carried by said base board and overhanging said vibrating board, a figure, pins carried by said figure, and a bar connecting said pins, the end of said strip being passed over one of said pins, between said figure and bar and under the remaining one of said pins to connect said figure with said supporting strip.

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

JOHN H. BOLTON.

Witnesses:

ESTHER HUEGERISH,
JOHN A. PAULIS.