

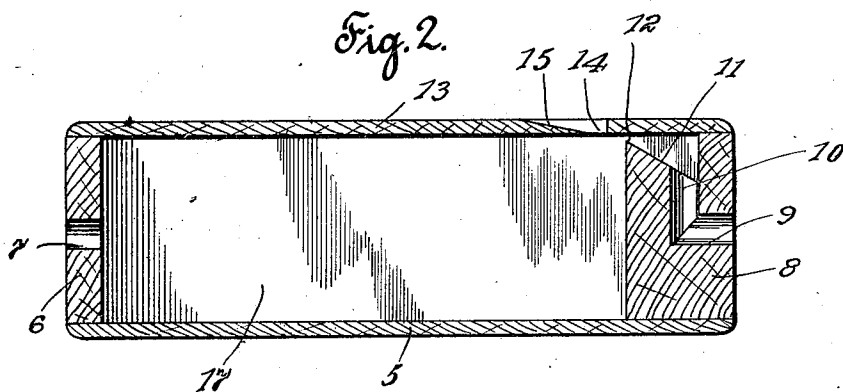
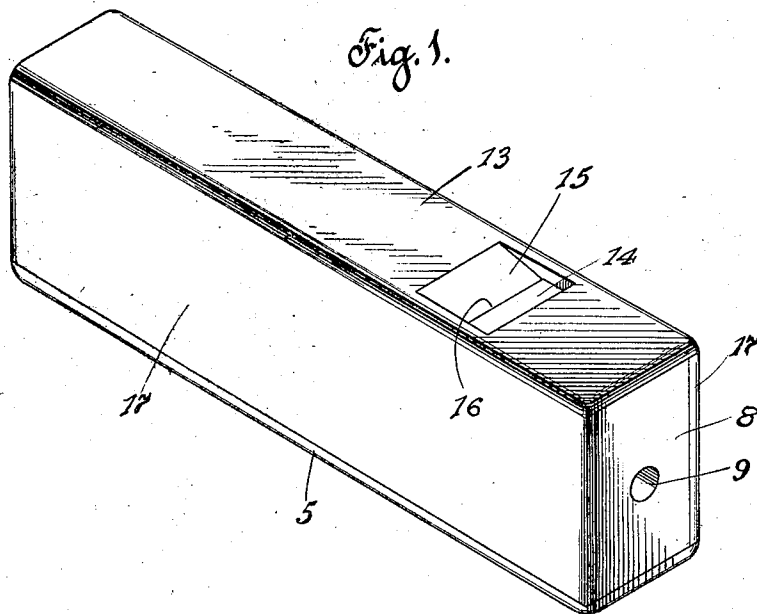
Nov. 8, 1927.

E. A. RUDOLPH

1,648,245

MUSICAL TOY

Filed June 9, 1926



INVENTOR
Ernst A. Rudolph
BY
Marvin P. Pelling
ATTORNEY

Patented Nov. 8, 1927.

1,648,245

UNITED STATES PATENT OFFICE.

ERNST A. RUDOLPH, OF NEW YORK, N. Y.

MUSICAL TOY.

Application filed June 9, 1926. Serial No. 114,683.

This invention relates to toys and more particularly to a device capable of emitting a musical sound.

One of the objects of the invention is to provide a wind instrument by which the call of a well known bird may be reproduced.

Another object is in the provision of an appliance from which children may derive much enjoyment and amusement.

A further aim is to provide a device having means whereby a double intermittent tone may be produced.

A still further characteristic is in the provision of a toy having comparatively few and simple parts and which therefore can be manufactured at a relatively low cost.

These several objects are accomplished by the novel construction, combination and arrangement of parts, hereinafter described and illustrated in the accompanying drawing, forming a component of this disclosure, and in which:—

Figure 1 is a perspective view of an embodiment of the device made in accordance with the invention.

Figure 2 is a longitudinal sectional view taken through the center line thereof.

In the drawing, the numeral 5 designates a thin, flat, rectangular base having its edges rounded and finished to present a neat appearance.

Fixed above and on the base 5, at one end, by any preferred means, such as glue, is a rectangular end piece 6, of lesser width than the base and having centrally located therein, a cylindrical opening 7.

Similarly secured, at the other end of the base 5, is a block 8 having centrally located therein and extending therethrough approximately one-half of the thickness thereof, a horizontal and cylindrical recess 9, the inner extremity of which connects with a vertical opening 10, reaching to the lower end of an inclined plane 11 formed partially across the top of the block 8. The apex 12 of the inclined plane extends to a height, lower than the flat top surface of the block 8, for a reason which will later become apparent.

Secured, by glue or any other similar fastening means, to the opposite sides of the block 8 and end piece 6 and resting on the base 5, is a pair of thin flat side elements 17, the top edges of which are flush with the upper surfaces of the block 8 and the end piece 6.

Fixed over the tops of the block 8, end

piece 6 and side elements 17, is a top member 13, having therein, at a point adjacent to the rear of the apex 12, a rectangular opening 14, cut at right angles to the longitudinal edges of the element 13, the wall, furthest from the apex 13, of which is bevelled sharply at 15 to present a thin reed 16.

In order that the device functions properly, it must be absolutely air-tight, excepting at the openings 7, 9 and 14.

In operation, air from the mouth of an operator, is blown through the opening 9 in the block 8. The air, so emitted, travels through the vertical opening 10, between the apex 12 and the top member 13, eventually coming into contact with the reed 16, thereby vibrating the same and causing the production of a musical tone.

By covering the opening 7 in the end piece 6 with a finger of an operator, the tone produced will vary from the first sound.

By blowing into the toy in short and abrupt puffs, and at the same time, intermittently removing and replacing the finger over the opening 7, the effect thus procured, is that of the call of a cuckoo.

It may be seen from the foregoing, that a simple and efficient device has been disclosed that is capable of affording much amusement to children, and which is cheaply and easily manufactured.

Although the foregoing is descriptive of the preferred embodiment of the invention, it will be apparent that minor changes may be made in its construction, without the exercise of invention or conflicting with the scope of the claims hereto appended.

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

A mimicking toy comprising a sound box, an integral block closing one end of said sound box, said block being provided with a cut-away portion forming a plane inclined upwardly and forwardly, the apex of the plane being spaced from the top of the sound box, the block also having an L-shaped passage disposed centrally thereof and leading into the said secondary chamber, and a reed formed integrally with the top of the sound box and disposed forwardly of the apex and of said secondary chamber.

In witness whereof I have affixed my signature.

ERNST A. RUDOLPH.