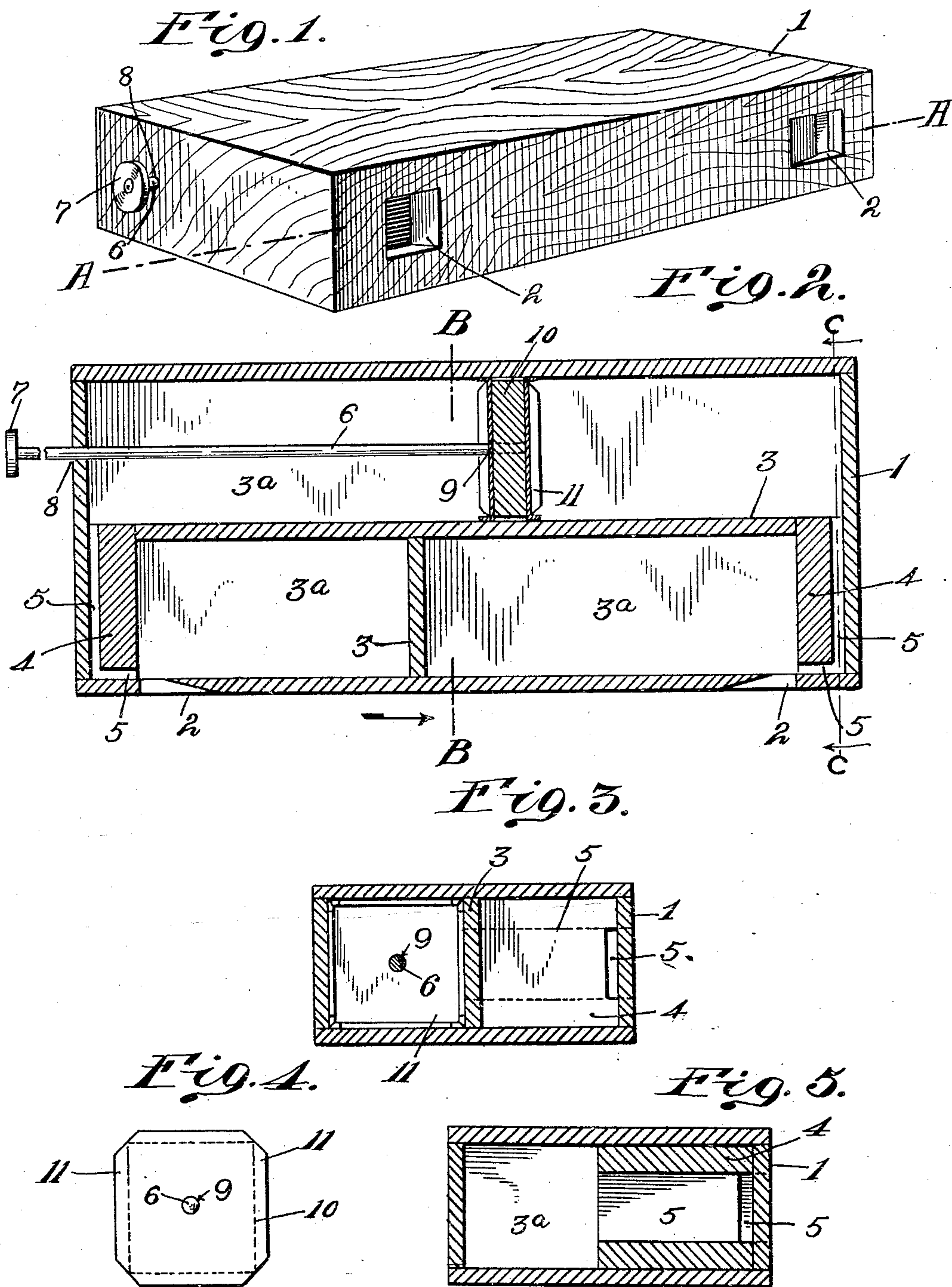


O. EINICKE.
MUSICAL TOY.

APPLICATION FILED APR. 2, 1909.

931,286.

Patented Aug. 17, 1909.



Witnesses:
Harry Heebig
John H. Reis

Inventor
Oscar Einicke
By *Attorney*
Joseph H. Dineen

UNITED STATES PATENT OFFICE.

OSCAR EINICKE, OF NEW YORK, N. Y.

MUSICAL TOY.

No. 931,286.

Specification of Letters Patent.

Patented Aug. 17, 1909.

Application filed April 2, 1909. Serial No. 487,536.

To all whom it may concern:

Be it known that I, OSCAR EINICKE, a citizen of the United States, residing in the city, county, and State of New York, have invented certain new and useful Improvements in Musical Toys, of which the following is a full, clear, and exact specification.

My invention relates to that class of devices known as musical toys or more commonly designated as whistles, and has for its object to produce a manually operated sound producing toy capable of producing a series or plurality of sounds, more or less melodious, as desired, as will be hereinafter described and more particularly pointed out in the claim.

In the drawings Figure 1, illustrates my invention in perspective. Fig. 2, is a sectional view taken on line A—A of Fig. 1. Fig. 3, shows a sectional view taken on line B—B of Fig. 2. Fig. 4, is a detail view of the head of the piston rod employed by me, and Fig. 5, shows a sectional view of the casing and block taken on line c—c of Fig. 2, the piston being omitted for the sake of clearness.

Similar numerals indicate like parts in all of the drawings.

In carrying out my invention I provide a suitable casing 1, preferably oblong in shape, having two or more angular air ports 2, and having suitable interior partitions 3, subdividing the casing into chambers 3^a, as shown in Fig. 2 of the drawings. I also employ blocks 4, provided with grooves 5, said grooves being situated adjacent to the angular air ports 2, of the casing.

I preferably subdivide the interior of the casing by first placing therein a longitudinal partition, dividing the interior into two chambers of equal size and then introduce a cross sectional partition and again subdivide one of the chambers into two chambers of unequal size, one of the grooved blocks and angular air ports being situated in each of these last mentioned chambers, as shown in Fig. 2. I then provide a piston-rod 6, partly running through the aperture 8, of the casing, and having a hand-piece 7, affixed to the exterior portion thereof and interiorly fitted to the block 10, by means of

aperture 9, said block having two washers 11, secured to its widest sides, as shown in detail in Fig. 4, taking care that the block and washers lie snugly against the walls of the chamber wherein operated.

From the foregoing description the operation of my device will be readily apparent. The air enters the angular air ports 2, of the casing and passes through the grooves 5, of the blocks 4, into the chamber wherein the piston is operated, and when the action of the piston is reversed, the air in said chamber is forced back through said grooves and out through said angular air ports, causing sounds to be emitted.

It will be understood, that in view of the interior subdivisions of the casing a double action takes place, causing the air to enter and be forced out alternately, by the up and down stroke of the piston which has the advantage of producing a sound upon each operation thereof. It will likewise be readily understood that any suitable material may be used in the construction of my device and that any number of openings and accompanying grooved blocks may be employed; likewise that the casing may, or may not be subdivided in any desired manner in order to produce various sounds and I therefore do not limit myself to the particular construction shown, but

What I claim and desire to secure by Letters Patent is:—

In combination, a casing having a plurality of interior partitions subdividing said casing into air chambers of different sizes; angular air ports within said casing and a plurality of grooved blocks interiorly situated adjacent to said air ports and a piston within one of the chambers of said casing, consisting of a block and flanged washers, a piston rod and a hand-piece, whereby air may be drawn into and forced out of said casing, through said air ports and grooves, substantially as described.

In testimony whereof, I have hereunto set my hand in the presence of two subscribing witnesses.

OSCAR EINICKE.

Witnesses:

CLAUDE C. NEVILLE,
HERMAN EINICKE.