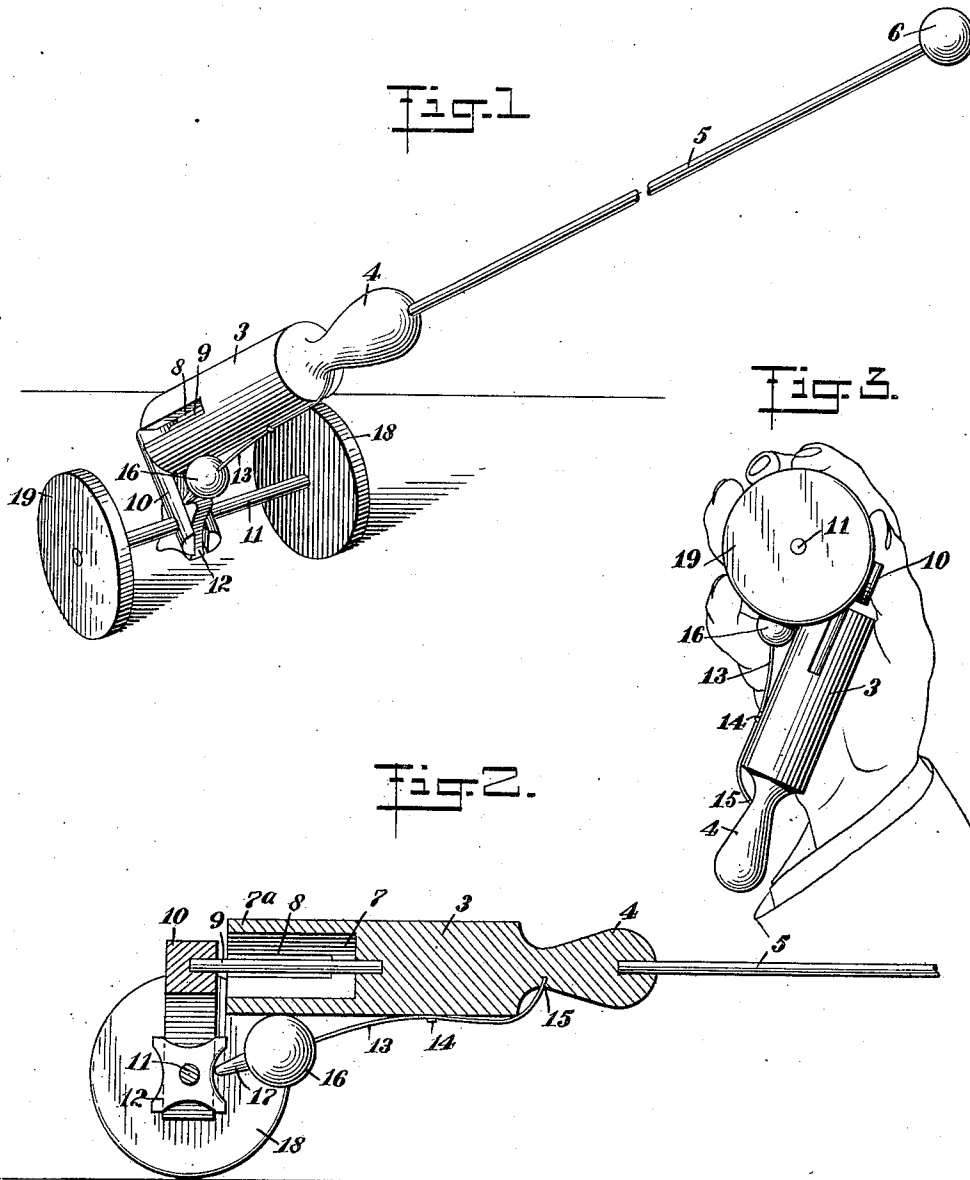


W. BARTHOLOMAE.
SOUNDING TOY.
APPLICATION FILED MAY 7, 1909.

942,610.

Patented Dec. 7, 1909.



WITNESSES

Walton Harrison

INVENTOR

William Bartholomae

BY *Munn & Co*

ATTORNEYS

UNITED STATES PATENT OFFICE.

WILLIAM BARTHOLOMAE, OF NEW YORK, N. Y., ASSIGNOR TO HIMSELF AND HARRY
ZIMMERMANN, OF NEW YORK, N. Y.

SOUNDING TOY.

942,610.

Specification of Letters Patent.

Patented Dec. 7, 1909.

Application filed May 7, 1909. Serial No. 494,612.

To all whom it may concern:

Be it known that I, WILLIAM BARTHOLOMAE, a citizen of the United States, and a resident of the city of New York, borough of Manhattan, in the county and State of New York, have invented a new and Improved Sounding Toy, of which the following is a full, clear, and exact description.

My invention relates to sounding toys, my more particular purpose being to provide a device somewhat in the nature of a rattle and adapted to be used in more than one way, for the purpose of making a noise.

More particularly stated, my invention comprehends a sounding body, a clapper for striking the same, and a star wheel for actuating the clapper, these parts being of approved construction so as to give the complete device a maximum of efficiency.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective showing the sounding toy, which in this instance is actuated for the purpose of producing the sounds by being rolled along the ground after the manner of a toy vehicle; Fig. 2 is a substantially central vertical section through the mechanism shown in Fig. 1; and Fig. 3 is a perspective, showing the propelling shaft removed and the device actuated by using one of the wheels as a handle.

A body portion 3 is provided with a knob 4 and with a rod 5 extending into this knob and held thereto by its own pressure. The rod 5 terminates in a ball 6 and is used as a vehicle shaft. The body portion 3 is provided with a cylindrical opening 7, thus leaving a cylindrical shell 7^a provided with slots 8. A pin 9 extends axially through the opening 7 and into the center of the body portion 3. Mounted upon the outer or free end of the pin 9 is a fork 10, and extending through this fork is an axle 11. Secured rigidly upon this axle and revolvable therewith is a star wheel 12. A leaf spring 13 is secured by a staple 14 to the body portion 3 and is provided with an end 15 which is set into the knob 4. Mounted upon the leaf spring 13 is a ball 16 which is provided with a boss 17. The ball 16 and boss 17 together constitute a clapper. At 18, 19 are two

wheels which are connected rigidly with the axle 11.

The operation of my device is as follows: If it be desired to use the rattle after the manner of a vehicle, the wheels 18, 19 are rested upon the ground and the rod 5 inserted in the knob 4. By grasping the ball 6 and dragging the vehicle along the ground, the wheels 18, 19 are turned and thus cause the rotation of the shaft 11 and star wheel 12. The star wheel trips the clapper and causes it to strike the cylindrical portion of the sounding body 3, thereby emitting a loud rattling sound. If desired, the rod 5 may be pulled out of the knob 4 and the wheel 19 used as a handle, as indicated in Fig. 3. In this case, the operator merely holds the wheel 18 rigidly and whirls the body portion 3 around upon the axle 11 as a center. The loud sound is produced as before, being caused by the striking of the clapper upon the cylindrical portion of the sounding body 3. The slots 8 materially improve the sound.

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

1. The combination of a body member of substantially cylindrical form, said body member being provided with an opening and with a slot merging into said opening, a clapper for striking said body member at a point adjacent to said slot, a pin connected with said body member and disposed centrally within said opening, said pin being of sufficient length to extend beyond the end of said body member, a fork mounted upon the outer end of said pin, an axle extending through said fork and adapted to turn relatively to the same, a wheel mounted upon said axle for the purpose of turning the latter, a star wheel carried by said axle and adapted to rotate therewith, and a clapper mounted upon said body member and disposed partially within the path of travel of said star wheel.

2. The combination of a body member of substantially cylindrical form, said body member being provided with an opening and with a slot merging into said opening, a clapper for striking said body member at a point adjacent to said slot, a pin disposed centrally within said opening, said pin being of sufficient length to extend beyond the

end of said body member, means including an axle connected with the outer end of said pin for the purpose of actuating said body member, a star wheel mounted upon said axle and revoluble therewith, and a clapper mounted upon said body member and having a portion disposed partially within the path of travel of said star wheel.

3. The combination of a body member having a thin portion to be struck, an axle connected with said body member for the purpose of supporting the latter, a star wheel mounted upon said axle and revoluble therewith, a leaf spring mounted upon said body member and extending in the proximate direction of said axle, and a striking member mounted upon said leaf spring at a point adjacent to the end thereof nearest said axle, said leaf spring and said striking member together constituting a clapper, said clapper being disposed partially within the path of travel of said star wheel.

4. The combination of a body member having generally the form of a vehicle and provided with a thin portion to sound when struck, a leaf spring mounted upon the under side of said body member and extending generally toward the rear thereof, an axle revoluble relatively to said body

member, said axle being disposed adjacent to the rear portion of said body member, a striking member mounted upon said leaf spring at a point adjacent to the rear end of said body member, and mechanism carried by said axle and revoluble therewith for the purpose of actuating said striking member.

5. The combination of a body member provided with a thin portion of substantially cylindrical form and adapted to sound when struck, said thin portion having a pair of slots disposed oppositely to each other, a leaf spring mounted upon said body member and provided with a striking member extending toward a portion of said body member intermediate said slots for the purpose of striking said body member at a point favorable to the production of loud sound, an axle revoluble relatively to said body member, and means carried by said axle for actuating said striking member relatively to said body member.

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

WILLIAM BARTHOLOMAE.

Witnesses:

FREDERICK BERNHARD GROESER,
HARRY ZIMMERMAN.