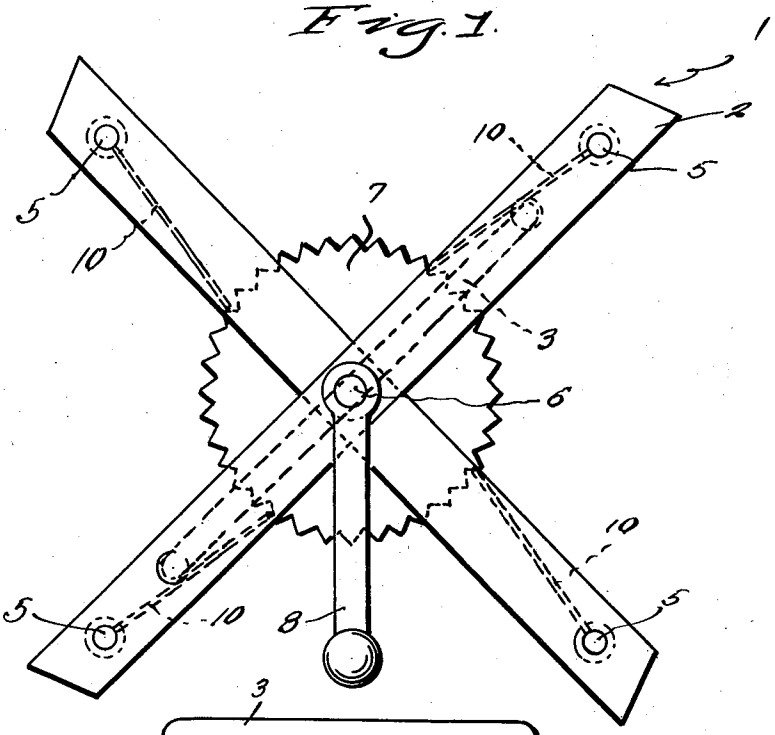
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SOUNDING TOY

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Fig. 1.



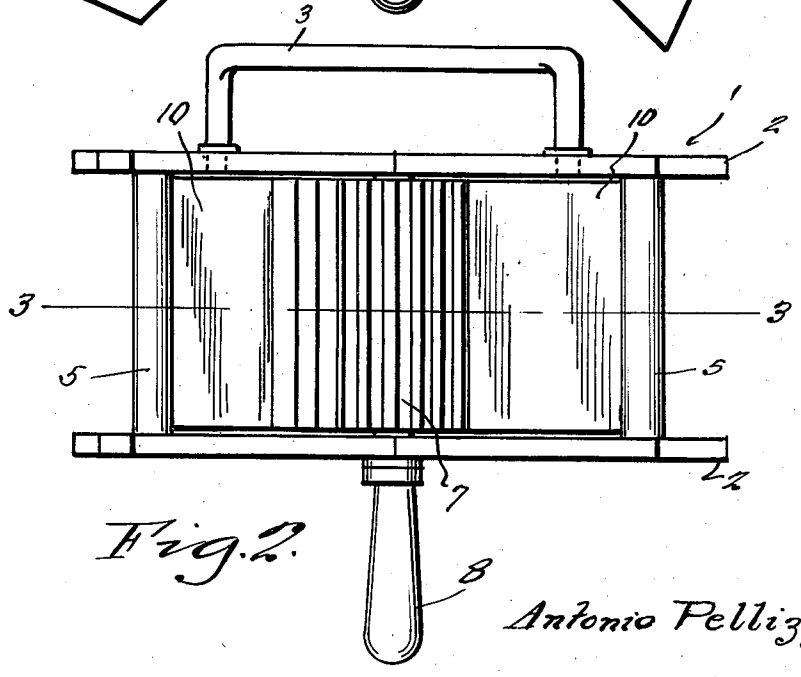


Fig. 2.

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Fig. 3.

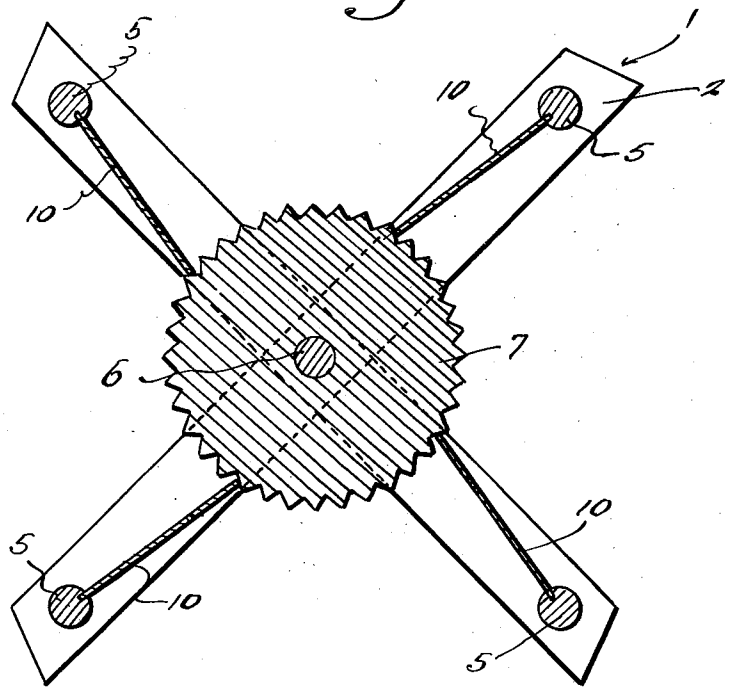
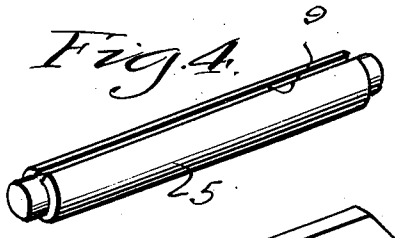


Fig. 4.



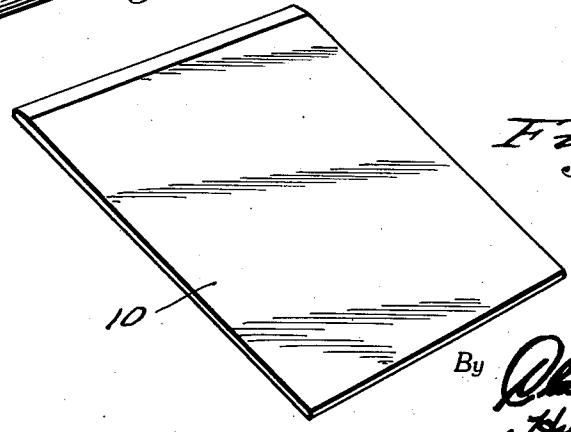


Fig. 5.

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2,093,055

SOUNDING TOY

Antonio Pellizzari, Syracuse, N. Y.

Application September 29, 1936, Serial No. 103,170

3 Claims. (Cl. 46—192)

The present invention relates to new and useful improvements in sounding toys and has for one of its important objects to provide, in a manner as hereinafter set forth, a device of this character embodying a single hand operated ratchet wheel together with a plurality of clappers arranged in a novel manner and engaged with said ratchet wheel.

Other objects of the invention are to provide a sounding toy of the aforementioned character which will be comparatively simple in construction, strong, durable, compact, amusing and which may be manufactured at low cost.

All of the foregoing and still further objects and advantages of the invention will become apparent from a study of the following specification, taken in connection with the accompanying drawings wherein like characters of reference designate corresponding parts throughout the several views, and wherein:—

Figure 1 is a view in side elevation of the invention.

Figure 2 is a top plan view thereof.

Figure 3 is a vertical sectional view, taken substantially on the line 3—3 of Figure 2.

Figure 4 is a detail view in perspective of one of the outer rods.

Figure 5 is a detail view in perspective of one of the resilient clappers.

Referring now to the drawings in detail, it will be seen that the embodiment of the invention which has been illustrated comprises a frame which is designated generally by the reference numeral 1. The frame 1 includes a pair of spaced, opposed X members 2 on one of which a handle 3 is mounted. Extending between the outer end portions of the arms of the X members 2 are rods 5.

Journaled centrally in the frame 1 and extending between the X members 2 is a shaft 6 having fixed thereon a ratchet wheel 7. Fixed on one end portion of the shaft 6 is an operating crank 8. It will be noted that the crank 8 is on the side of the frame 1 which is remote from the handle 3.

The inner sides of the rods 5 have formed therein longitudinal grooves 9 (see Figure 4) in which clappers 10 in the form of substantially flat, resilient plates are anchored. The free inner ends of the clappers 10 are operatively engaged with the ratchet wheel 7. This is best seen in Figure 3 of the drawings.

It is thought that the operation of the device will be readily apparent from a consideration of the foregoing. The ratchet wheel 7 is, of course, rotated through the medium of the hand crank 8 and the clappers 10 ride over the teeth of the ratchet wheel 7 for producing the desired sound.

It is believed that the many advantages of a sounding toy constructed in accordance with the present invention will be readily understood, and although a preferred embodiment of the invention is as illustrated and described, it is to be understood that changes in the details of construction and in the combination and arrangement of parts may be resorted to which will fall within the scope of the invention as claimed.

What is claimed is:—

1. A sounding toy comprising a pair of spaced X members, a ratchet wheel journaled between said X members and located inwardly of the terminal ends of the members, means for actuating said ratchet wheel, and a plurality of resilient clappers disposed circumferentially about the said wheel, said clappers, at their outer ends being rigidly mounted between the X members and at their inner ends being operatively engaged with the ratchet wheel.

2. A sounding toy of the class described comprising a frame including a pair of spaced X members, a ratchet wheel journaled centrally between said X members, said frame further including rods extending between the X members at points beyond the ratchet wheel, resilient clappers secured at their outer ends to the rods and having their inner free ends in contact with the ratchet wheel, and means for actuating said ratchet wheel.

3. A sounding toy of the class described comprising a frame including a pair of spaced, opposed X members, rods extending between the outer end portions of said X members, said rods having longitudinal grooves in the inner sides thereof, a shaft journaled centrally in the X members, a ratchet wheel fixed on the shaft and operable between the X members, an operating crank fixed on one end portion of the shaft, resilient clappers having one end fixed in the grooves and their other ends operatively engaged with the ratchet wheel, and a substantially U-shaped handle mounted on the X member which is remote from the operating crank.

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