

Aug. 24, 1954

F. A. STIEGLER  
SOUNDING TOY BALL  
Filed Feb. 21, 1952

2,687,302

FIG. 1.

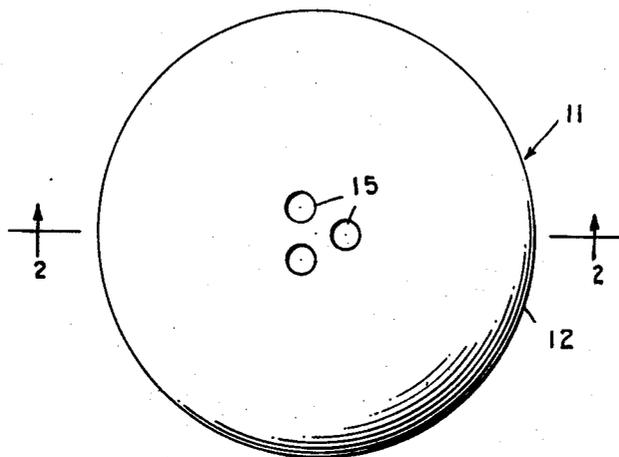
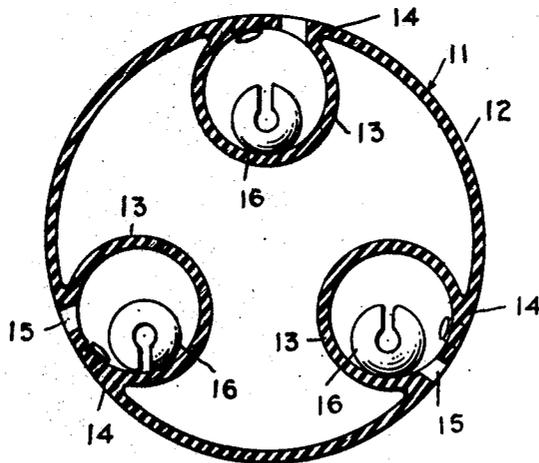


FIG. 2.



INVENTOR  
FRANK A. STIEGLER

BY  
*Mc Morrow, Bertram + Davidson*  
ATTORNEYS

# UNITED STATES PATENT OFFICE

2,687,302

## SOUNDING TOY BALL

Frank A. Stiegler, McKeesport, Pa.

Application February 21, 1952, Serial No. 272,850

1 Claim. (Cl. 273—58)

1

This invention relates to toys, and more particularly to a musical toy ball.

A main object of the invention is to provide a novel and improved sounding toy in the form of a ball, said toy being simple in construction, being inexpensive to manufacture, and affording a substantial degree of amusement to small children playing therewith.

A further object of the invention is to provide an improved jingling ball which is of sturdy construction, which provides a jingling sound regardless of the direction in which it is rolled, and being especially suitable for the entertainment and amusement of small children.

Further objects and advantages of the invention will become apparent from the following description and claim, and from the accompanying drawings, wherein:

Figure 1 is an elevational view of an improved sounding toy ball constructed in accordance with the present invention.

Figure 2 is a cross sectional view taken on the line 2—2 of Figure 1.

Referring to the drawings, the improved toy ball is designated generally at 11 and comprises a hollow, spherical rubber body 12 formed integrally with a plurality of internal smaller hollow balls 13 of spherical shape arranged on a common major circle of said spherical body and having common tangential wall portions 14 with the main body 12. As shown in Figure 2, the inner balls 13 may be spaced at equal angles around a common diametrical axis of the main body 12, as for example, may be spaced at 120° angular spacings where three smaller balls 13 are employed.

The common wall portions 14 are each formed with a plurality of apertures 15, as for example with three apertures 15 defining the apices of an equilateral triangle, as shown in Figure 1. Disposed inside each of the smaller balls 13 is a substantially spherical jingle bell 16 of conventional construction, the bell 16 being substantially smaller in diameter than the inside diameter of the ball 13 in which it is disposed, whereby the jingle bell may roll freely inside said ball responsive to movement of the large ball 11.

It will be readily apparent that rotation or movement of any kind of the large ball 12 will cause the jingle bell elements 16 to move inside their spherical compartments 13 and to produce a musical jingling sound which will be of considerable amusement and interest to small children.

The remainder of the body 12 is imperforate, whereby the spherical body 12 may be employed in the manner of an ordinary rubber ball and whereby the ball has a considerable degree of resiliency due to the air or other gas enclosed therein.

2

The toy may be made in any suitable size and may have suitable decorative patterns or designs on its exterior surface to enhance its attraction to small children.

The apertures 15 may be made sufficiently large to allow free passage of sound therethrough, and any suitable number of apertures may be employed.

It will be understood that the body 12 may be formed of any suitable material, such as rubber, plastic, or the like. In the preferred embodiment of the invention, the body 12 is formed of rubber to provide maximum resiliency for the toy. The jingle bells 16 are substantially larger in diameter than the apertures 15 to prevent removal of said jingle bells from the small balls 13, but said jingle bells are, of course, much smaller in diameter than the balls 13 to allow the jingle bells to move freely in said small balls 13.

While a specific embodiment of an improved sounding toy ball has been disclosed in the foregoing description, it will be understood that various modifications within the spirit of the invention may occur to those skilled in the art. Therefore, it is intended that no limitations be placed on the invention except as defined by the scope of the appended claim.

What is claimed is:

A rollable sounding toy comprising a substantially spherical hollow rubber ball formed integrally on its inner surface with a plurality of internally projecting smaller hollow substantially spherical balls having common tangential wall portions with said first ball and arranged on a common major circle of said first mentioned ball, said common wall portions each being formed with a plurality of apertures connecting the interiors of the smaller balls with the outside of the first named ball, and a substantially spherical jingle bell of greater diameter than any of said apertures disposed loosely in each smaller hollow ball to provide a jingling sound effect through the apertures responsive to the rotation of said first hollow ball, the remainder of the first hollow ball being imperforate.

### References Cited in the file of this patent

#### UNITED STATES PATENTS

Number	Name	Date
589,500	Freeman	Sept. 7, 1897
2,003,957	Salisbury	June 4, 1935
2,211,102	Davis	Aug. 13, 1940
2,499,483	Foy	Mar. 7, 1950

#### FOREIGN PATENTS

Number	Country	Date
420,524	Italy	Apr. 23, 1947