No. 713,316. Patented Nov. 11, 1902.

F. M. LAWRENCE.

BALL AND BAT TOY.

(Application filed July 7, 1902.)

(No Model.)

Fig. 1

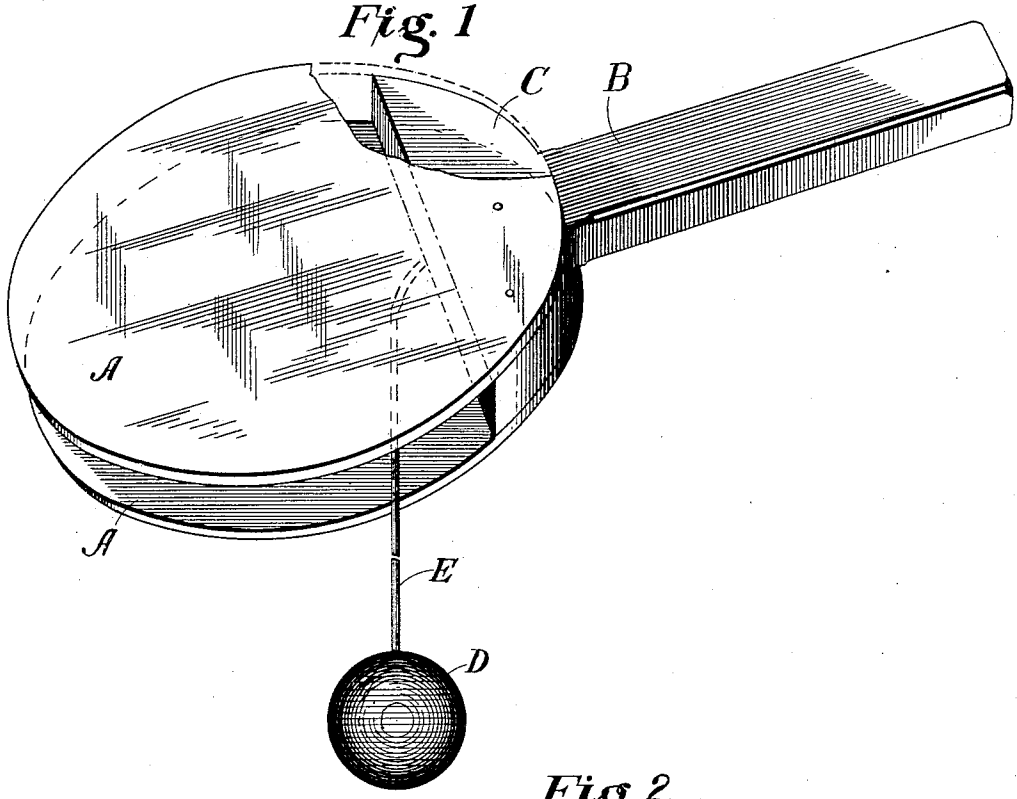


Fig. 2

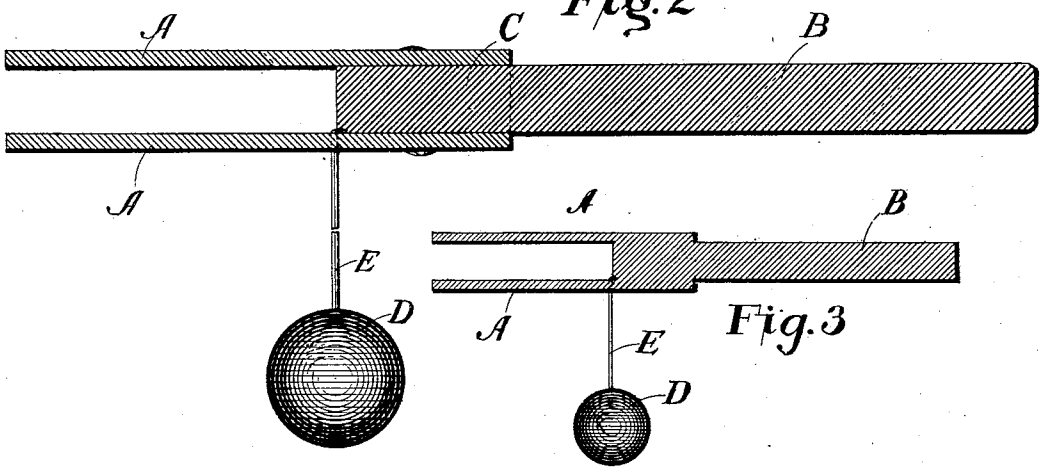


Fig. 3

WITNESSES

C. Edwin Duffy

James R. Mansfield.

By

INVENTOR

Felix M. Lawrence.

Alexander Bruce

Attorneys.

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

FELIX M. LAWRENCE, OF TROY, NEW YORK.

BALL AND BAT TOY.

SPECIFICATION forming part of Letters Patent No. 713,316, dated November 11, 1902.

Application filed July 7, 1902. Serial No. 114,595. (No model.)

To all whom it may concern:

Be it known that I, FELIX M. LAWRENCE, of Troy, in the county of Rensselaer and State of New York, have invented certain new and useful Improvements in Ball and Bat Toys; and I hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, which form part of this specification.

This invention is an improved ball and bat toy for children; and its object is to provide a bat having two independent but connected and parallel disks or striking-surfaces which will be measurably resilient and resonant and a ball connected to the bat at a point intermediate the disks, so that the point of suspension from the edge of the disks will be variable.

The invention consists in the novel construction of the toy, as hereinafter described and claimed and which the accompanying drawings illustrate.

Figure 1 is a perspective view of the bat and ball; Fig. 2, a longitudinal section through the bat. Fig. 3 is a sectional view thereof, showing another mode of construction of the toy.

In said drawings the bat head or body comprises two parallel adjacent similar disks A A, preferably circular in contour and each connected near one edge to a handle B, which preferably has an enlarged segmental-shaped head C fitting between the disks and to which the latter are secured. The major portions of the disks, it will be observed, are unattached, which allows them a degree of elasticity or resiliency which increases the rebound of the ball D, which is connected to the handle or head C at a point intermediate the disks by means of a cord E, which is preferably an elastic cord, and as this cord is unconfined at the edges of the disk it may hang suspended from any point on the peripheries thereof when the bat is held with the disks in a substantially horizontal position. The toy is manipulated like the ordinary bat and ball toys, the player endeavoring to strike the ball repeatedly with and cause it to return against one or the other of the disks, and when made of proper material the disks will be resonant and emit pleasing tones, which are enhanced by the vibrations of the air in the narrow space between the two opposed disks. The disks may be made separately from the handle and attached to the head thereof, as indicated in Figs. 1 and 2, or the entire bat may be formed integral, if desired, as indicated in Fig. 3, in each case the characteristic feature of opposed adjacent parallel disks connected to the handle at one edge or point being preserved.

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

1. A toy, comprising a handle, a pair of parallel disks connected at one edge to the end of handle and projecting in the plane of the handle, a ball, and a cord connected to the ball at one end and having its other end secured between the disks so that it can depend at any point of the peripheries of disks, substantially as described.

2. The herein-described toy, comprising a handle having a segmental head, a pair of similar opposite parallel disks attached to said head and projecting therefrom in the plane of the handle and otherwise disconnected, a ball, and an elastic cord connected to the ball and to the head intermediate the disks so that the cord can depend at any point of the peripheries of the disks, substantially as described.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

FELIX M. LAWRENCE.

In presence of—
STEPHEN J. HARRINGTON,
DENNIS J. MANEY.