No. 847,307. PATENTED MAR. 19, 1907.

J. W. BAILEY.

MUSICAL INSTRUMENT.

APPLICATION FILED NOV. 10, 1906.

Fig. 1.

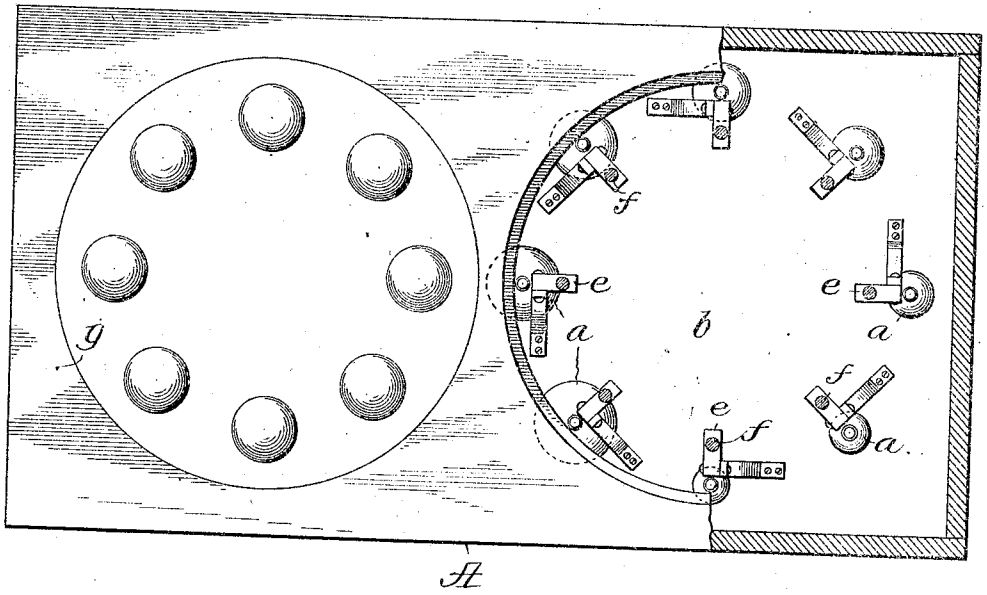
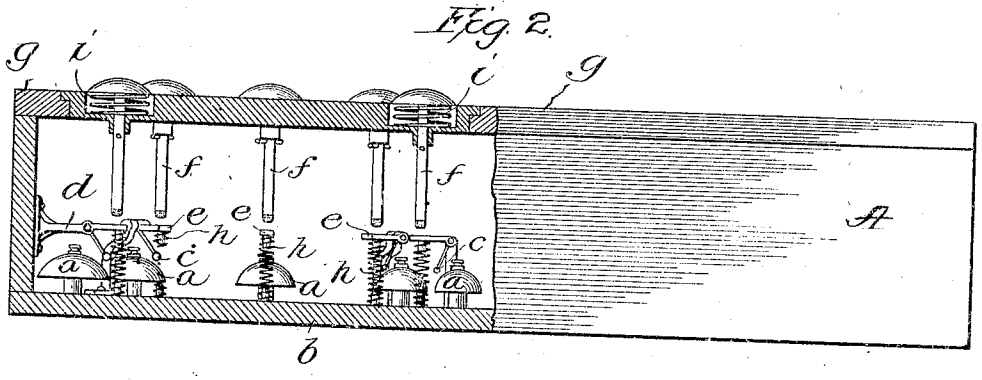


Fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

JAMES WEBSTER BAILEY, OF OTTAWA, ILLINOIS, ASSIGNOR, BY MESNE ASSIGNMENTS, OF ONE-HALF TO RHODA A. LEACH, OF CHICAGO, ILLINOIS

MUSICAL INSTRUMENT.

No. 847,307. Specification of Letters Patent. Patented March 19, 1907.

Application filed November 10, 1906. Serial No. 342,789.

To all whom it may concern:

Be it known that I, JAMES WEBSTER BAILEY, a citizen of the United States, residing at Ottawa, in the county of Lasalle and State of Illinois, have invented a certain new and useful Improvement in Musical Instruments, of which the following is a full, clear, concise, and exact description.

My invention relates to a pedaphone or musical instrument adapted to be operated by the feet of a dancer during the progress of any desired character of dance.

My object is to provide a device of this character which will be especially adapted for use in connection with vaudeville or other entertaining performances.

Generally speaking, my invention contemplates a pedaphone comprising a platform upon which a dancer may take the steps of a dance, said platform being hollow and containing musical devices tuned according to a musical scale and to be operated by plungers projecting within the platform, said plungers being adapted to be struck by the feet of the dancer in carrying out a dance, so that the operator while dancing may play a piece of music by means of said devices actuated by his feet. The platform may have any desired number of sets of musical devices, so that any desired number of dancers may play the pedaphone at the same time for purposes of duets, quartets, or the like.

I will describe my invention by reference to the accompanying drawing, which represents one embodiment of my invention, reserving for the appended claims a statement of the parts, improvements, or combinations which I regard as novel with me.

In the drawings, Figure 1 is a plan view of a pedaphone embodying my invention, showing the same adapted for operation by two parties with a portion of the cover broken away to show the bells within; and Fig. 2 is a side elevation of the platform, partially in section, to show the plungers in position to operate the tuned bells.

The same letters of reference designate the same parts wherever they are shown.

As shown in Fig. 1, eight musical devices tuned according to the musical scale, such as different-sized gongs *a a*, are mounted upon the floor or base *b* of the platform A. Said gongs are provided with tappers *c c*, preferably secured to brackets *d d*, supported by the walls of the platform, said tappers moving with and preferably secured to the arms *e e*, adapted to be engaged by plungers *f f*, secured in the top wall *g* of the platform to cause said tappers to strike said gongs. The tappers are normally held away from said gongs by springs *h*, which are secured between said arms and base *b* and restore said tappers to normal position.

The plungers *f* are supported by the wall *g* of the platform, springs *i* being carried by said wall *g* and serving to maintain said plungers in normal position. Said plungers may carry plates upon their upper ends adapted to be engaged by the feet of the dancer in carrying out the dance.

It will be understood that numerous variations may be made from the structure shown without departing from my invention; but

What I claim is—

1. The combination with a hollow platform having an inner floor and a top floor, of a number of differently-sized gongs mounted within the platform upon said inner floor, said gongs being tuned to a musical scale, and plungers projecting through the top floor of said platform for operating said gongs, said plungers being adapted to be played by the feet of a dancer dancing upon the outer surface of said top floor.

2. The combination with a hollow platform having an inner floor, of differently-tuned gongs mounted upon the inner floor of said platform, brackets within said platform, tappers supported by said brackets adapted to actuate said gongs, springs for maintaining said tappers away from said gongs, and plungers supported by the top wall of said platform adapted to be depressed by the feet of an operator to actuate said tappers.

3. The combination with a hollow platform, of differently-sized gongs tuned according to a musical scale, mounted upon the base of said platform, brackets within said platform, tappers for said gongs pivoted to said brackets, arms moving with said tappers, springs supported between said arms and the base of the platform tending to main-

tain said tappers away from said gongs, and spring-restorable plungers supported by the upper wall of said platform adapted to be depressed by the feet of an operator to engage said arms and cause said tappers to engage said gongs.

In witness whereof I hereunto subscribe my name this 6th day of November, A. D. 1906.

J. WEBSTER BAILEY.

Witnesses:
P. G. SCHUL,
AL. F. SCHOCH.