

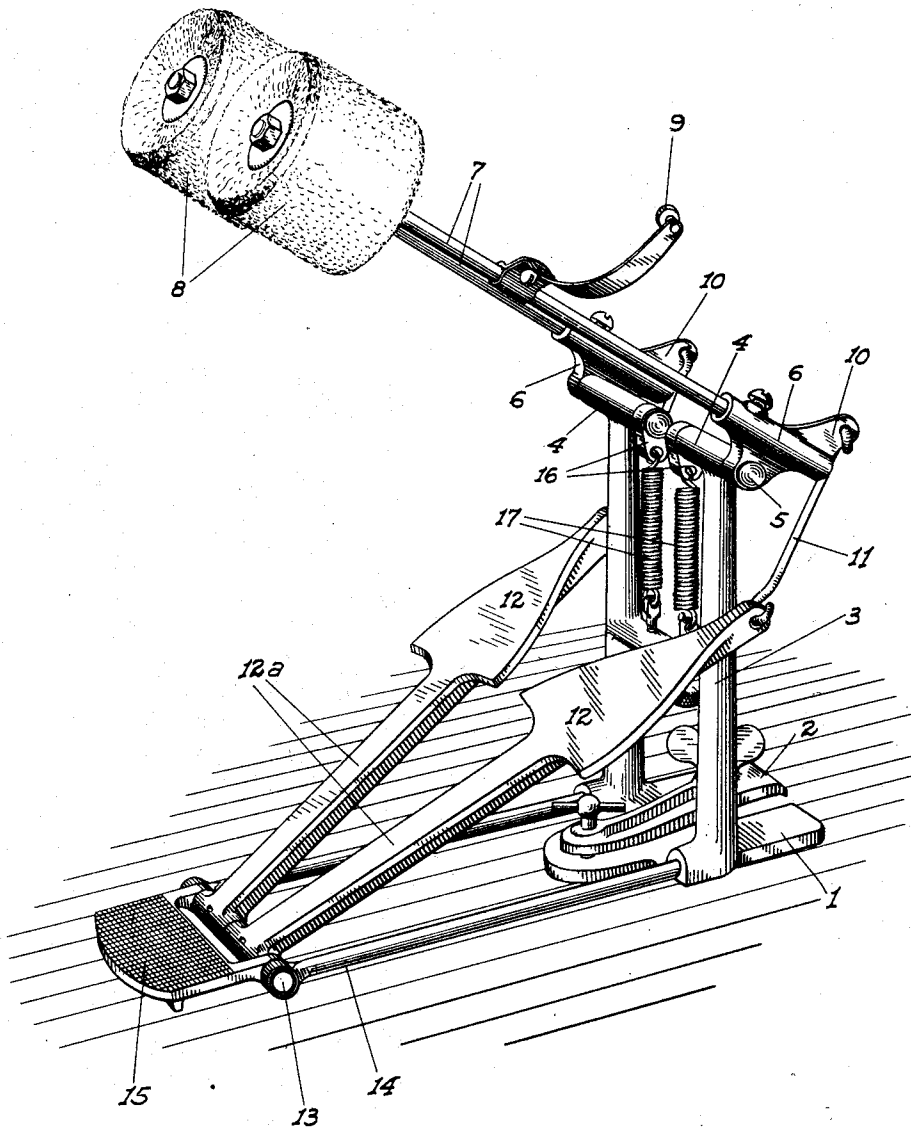
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DOUBLE DRUM PEDAL.

APPLICATION FILED AUG. 16, 1920.

1,369,233.

Patented Feb. 22, 1921.



INVENTORS

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GROVER M. FITZGERALD AND HENRY C. LOCKEY, OF STOCKTON, CALIFORNIA.

DOUBLE DRUM-PEDAL.

1,369,233.

Specification of Letters Patent.

Patented Feb. 22, 1921.

Application filed August 16, 1920. Serial No. 403,744.

To all whom it may concern:

Be it known that we, GROVER M. FITZGERALD and HENRY C. LOCKEY, citizens of the United States of America, residing at Stockton, county of San Joaquin, State of California, have invented certain new and useful Improvements in Double Drum-Pedals; and we do declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, to the characters of reference marked thereon, which form a part of this application.

This invention relates to improvements in that class of devices known as drum and cymbal playing apparatus such as are used by the "trap" operators of orchestras and bands, the principal object of the device being to devise a unit apparatus of this character by means of which the drum may be played with or without the cymbal being sounded, and with a single foot of the operator. By this means also the volume of sound produced may be increased without increasing the pressure of the blow on the drum. Heretofore, as far as we are aware, this has not been accomplished, and the trap operator must, to get the separate results stated, employ separate hand beaters very often at a time when the musical effect of the piece being played would be improved if the operator were at liberty to use both his hands to play other devices.

A further object of the invention is to produce a simple and inexpensive device and yet one which will be exceedingly effective for the purposes for which it is designed. These objects we accomplish by means of such structure and relative arrangement of parts as will fully appear by a perusal of the following specification and claim.

The figure on the drawing is a perspective elevation of our improved device.

Referring now more particularly to the characters of reference on the drawing, the numeral 1 denotes a suitable base having a clamp 2 by means of which it may be fixed to the rim of a drum.

A double pedestal 3, preferably in the form of an H, projects upwardly from the base, and is provided at its upper end with a pair of transverse and independent bearing sleeves 4, in which are turnably mounted pins 5 which project therebeyond. On the

outer ends of the pins are fixed socket-arms 6 in which are adjustably and removably fitted rods 7 on the outer ends of which are the drum-beaters 8. On one of the rods 7 is fixed a cymbal-playing attachment 9, such as is commonly used. Formed with the arms 6 are substantially right angled extensions 10 to the outer ends of which are secured links 11 which are also connected to the pedals 12 which extend rearwardly and downwardly to the pivotally mounted on a common pin 13 journaled in an extension 14 of the base 1. The pedals are spaced apart just enough so that the foot of the operator may strike either one at a time, or both together, the rear ends of said pedals being cut down to narrow arms 12^a and converging together to their pivotal pin 13. In this manner, the rear ends are spaced relatively far apart so that there is very little likelihood of the foot depressing both pedals when only one is intended to be moved, and yet making it easy to depress both simultaneously when so desired. Beyond the rear end of the pedals 12 and mounted on the pin 13 is a heel pad 15.

The adjacent ends of the pins 5 are provided with short arms 16, there being springs 17 connected to such arms and to the pedestal 3 to normally maintain the at-rest position of the beaters and pedals.

In operation, the heel of course rests constantly on the pad 15, while the ball of the foot may be moved from one side or the other to engage either pedal, or may be held central to engage them both simultaneously.

From the foregoing description, it will be readily seen that we have produced such a device as substantially fulfils the objects of the invention as set forth herein.

While this specification sets forth in detail the present and preferred construction of the device, still in practice such deviations from such detail may be resorted to and do not form a departure from the spirit of the invention, as defined by the appended claim.

Having thus described our invention, what we claim as new and useful and desire to secure by Letters Patent is:

A double drum pedal including a pair of independently and pivotally mounted beaters, pedals operatively connected to the beaters to actuate the same, the pedals com-

prising wide portions adjacent their connection with the beaters and spaced apart a distance sufficient to enable the foot to engage them independently or in unison, and
5 relatively narrow and widely spaced arms projecting rearwardly from said wide portions the pedals converging toward their

rear ends and being pivoted in common at such ends.

In testimony whereof we affix our signatures. 10

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