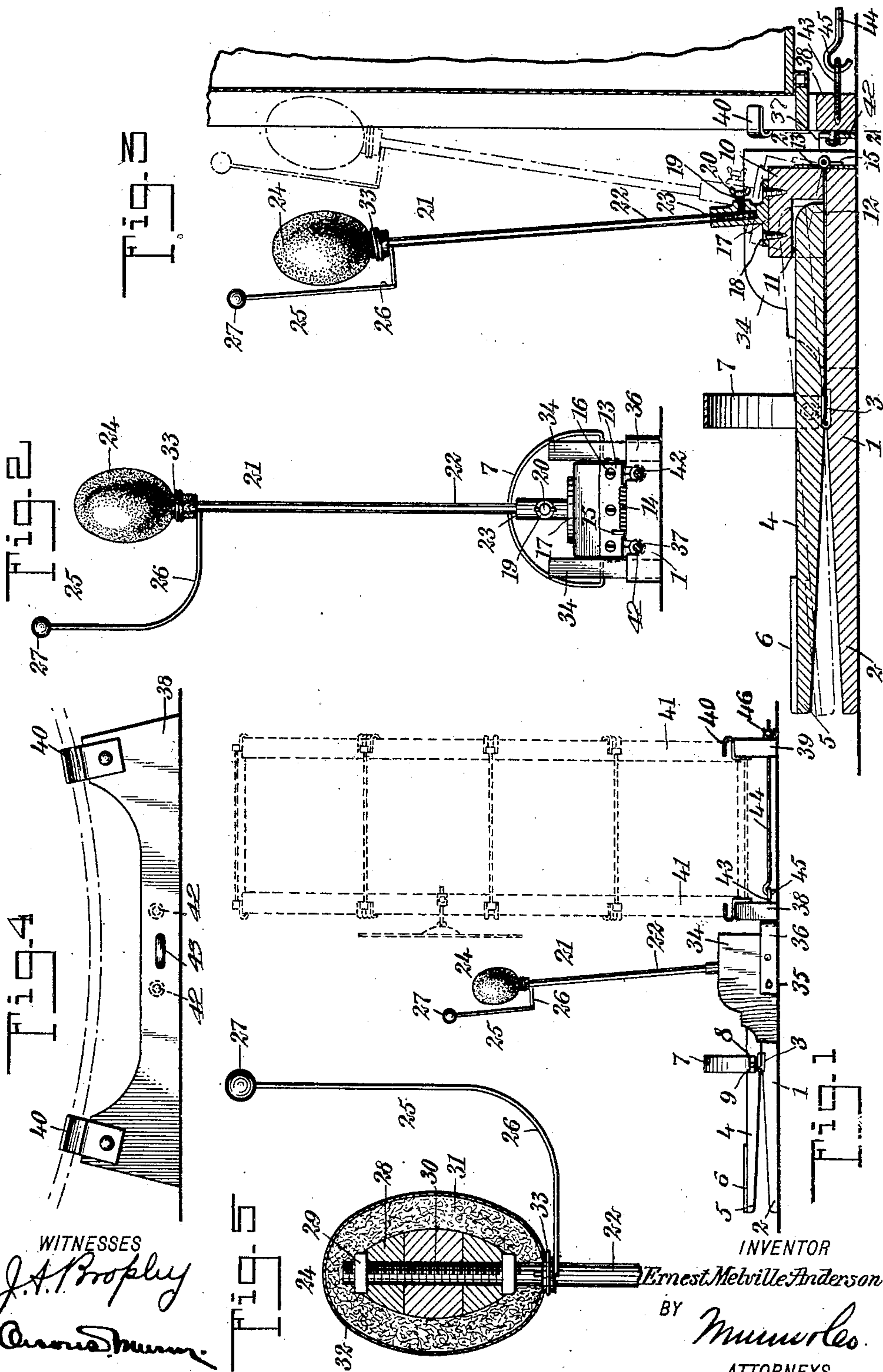


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 DRUM AND CYMBAL BEATER.
 APPLICATION FILED JULY 2, 1908.

924,302.

Patented June 8, 1909.



WITNESSES
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ERNEST MELVILLE ANDERSON, OF VICTORIA, BRITISH COLUMBIA, CANADA.

DRUM AND CYMBAL BEATER.

No. 924,302.

Specification of Letters Patent.

Patented June 8, 1909.

Application filed July 2, 1908. Serial No. 441,605.

To all whom it may concern:

Be it known that I, ERNEST MELVILLE ANDERSON, a subject of the King of Great Britain, and a resident of Victoria, in the Province of British Columbia and Dominion of Canada, have invented a new and Improved Drum and Cymbal Beater, of which the following is a full, clear, and exact description.

10 This invention relates to drum and cymbal beaters, and more particularly to such as are adapted to be actuated by the foot of the operator.

15 An object of this invention is to provide a combined drum and cymbal beater, adapted to be operated by the pressure of the foot, and having means for securely holding a drum in position, so that positive blows may be struck both upon the drum and the cymbal
20 carried by the drum.

The invention consists in the construction and combination of parts to be more fully described hereinafter and particularly set forth in the claims.

25 Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

30 Figure 1 is a side elevation of the device, showing in dotted outline, a drum held in position by supports; Fig. 2 is a cross section on the line 2—2 of Fig. 3. Fig. 3 is an enlarged longitudinal section of the device showing, in dotted outline, the beater striking the drum.
35 Fig. 4 is an enlarged end elevation of one of the drum supports; and Fig. 5 is an enlarged longitudinal section of the head of the drum beater.

40 Before proceeding to a more detailed description of my invention, it should be understood that I provide a combined drum and cymbal beater adapted to be actuated by the foot of the operator.

In the use of my device, the operator rests
45 his foot upon a pedal, which he actuates with his heel. This, in turn, operates the combined drum and cymbal beater. It has been found that a more regular and decisive blow can be struck on the drum when the operator
50 uses his heel on the pedal, than with the common form of pedal now in use, in which the operator uses his toe. I further provide adjustable supports which serve to hold a drum securely, though removably, in position.

55 Referring more particularly to the drawings, I provide a base 1 having its outer end

2 suitably tapered. Movably mounted upon the base 1 by means of a hinge 3 is a pedal 4 having its outer end 5 suitably tapered, to correspond with the tapered portion 2 of the base, and to permit it to swing pivotally with respect thereto. A heel plate 6 of leather, rubber or the like, is arranged on the end 5 of the pedal. 60

Located on the pedal 4 and substantially at the center thereof, is a stirrup 7 of any suitable material, such as leather, metal or the like. The latter has its ends 8 rigidly secured at the outer sides of the pedal by means of screws or nails 9. 65

70 Mounted at the end of the base 1, opposite to that which is tapered, is a block 10 having a cut away portion 11, which receives the end 12 of the pedal. As shown most clearly in Fig. 2, a hinge 13 having a spiral spring 14 carried thereby, the spring having its opposite ends 15 resting upon the opposite leaves of the hinge to resist the approach of the leaves, is secured to the base and the block by means of screws 16. Located upon the top of the block 10 is a socket 17, screws 18 being used to secure it in position. The socket is threaded, and has an opening 19 in which a set screw 20 is adjustably arranged. 75

I provide a drum beater 21 comprising a shank 22, having its lower end 23 suitably threaded, to engage the correspondingly threaded socket 17 and having a head 24 for striking the drum, and a cymbal beater 25, consisting of an off-set flexible member 26 having a metallic head 27 and carried by the drum beater. The cymbal beater is securely attached to the shank 22 near the upper end thereof by means of wire, solder or the like. 80

The head 24 of the drum beater consists of a plurality of sections 28 of cork or the like, held in position by means of nuts 29 arranged upon a threaded portion 30 of the shank 22, a filler 31 of cotton, and a cover 32 of chamois or the like, the latter being secured about the shank 22 by means of wire 33. Arranged on each side of the base 1, at the end which carries the block 10, is a side 34. Secured to this side by means of screws or nails 35 is a bracket 36. Notches 37 are located in the front of the bracket. I further provide two drum supports 38 and 39 respectively having clips 40 arranged at their upper edges for securely holding the rims 41 of a drum. The support 38 is provided with studs 42 for engaging the notches 37 of the bracket. This support is further provided with an eye 43. 85
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A shank 44 having a hook 45 at one end for engaging the eye, and having its other end adapted to pass through an opening in the support 39 and suitably threaded to receive
5 a butterfly-nut 46, serves adjustably to connect the two supports.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:—

10 1. In a drum beater, a shank having a threaded end, a head arranged upon the threaded end, said head consisting of a plurality of sections of cork, nuts on each side of the sections for retaining them in position, a
15 filler inclosing the sections, and a cover for the filler.

2. In a drum beater, a shank having one end threaded, a head arranged upon said threaded end, said head consisting of the
20 combination of sections of cork arranged about the end of said shank, means for secur-

ing said sections together, a filler arranged about said sections, and a covering for securing said filler upon said sections.

3. In a device of the class described, a
25 base, a hinged pedal mounted upon said base, a block arranged at one end of said base and having a cut away portion to receive one end of said pedal, a drum beater removably
30 mounted upon said block, a bracket arranged at the end of said base and adjacent to said block, and adjustable drum supports, one of which is provided with headed projections, the bracket being provided with notches for
35 receiving the projections.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ERNEST MELVILLE ANDERSON.

Witnesses:

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