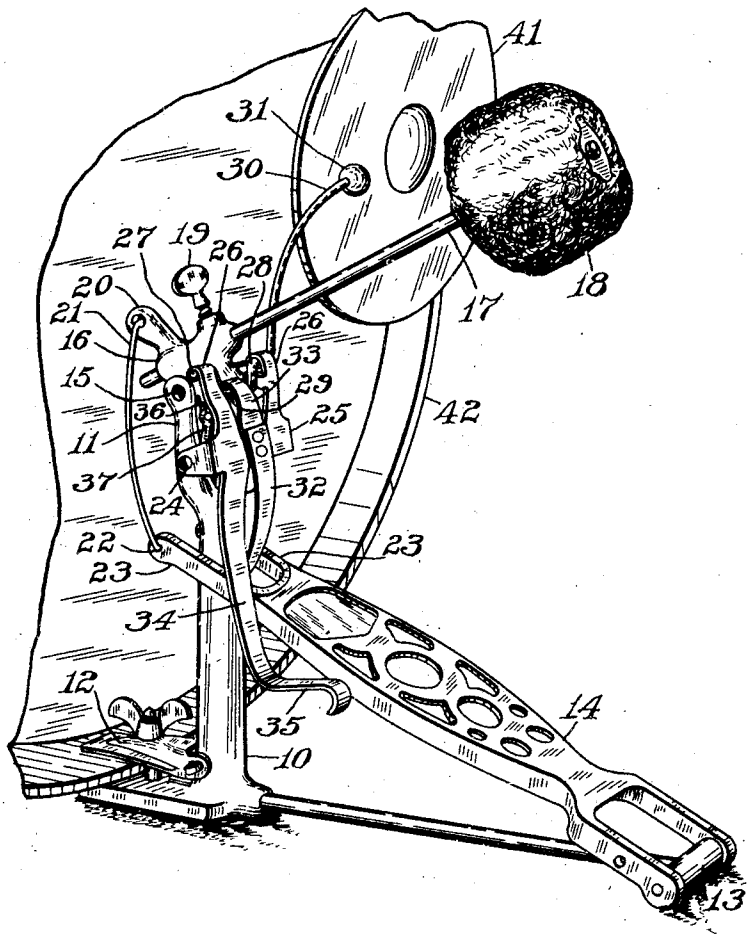
Feb. 20, 1923. 1,445,650.

C. H. STRUPE.

BASS DRUM AND CYMBAL BEATER.

FILED JULY 11, 1921. 2 SHEETS—SHEET 1.

Fig. 1.




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Fig. 3.

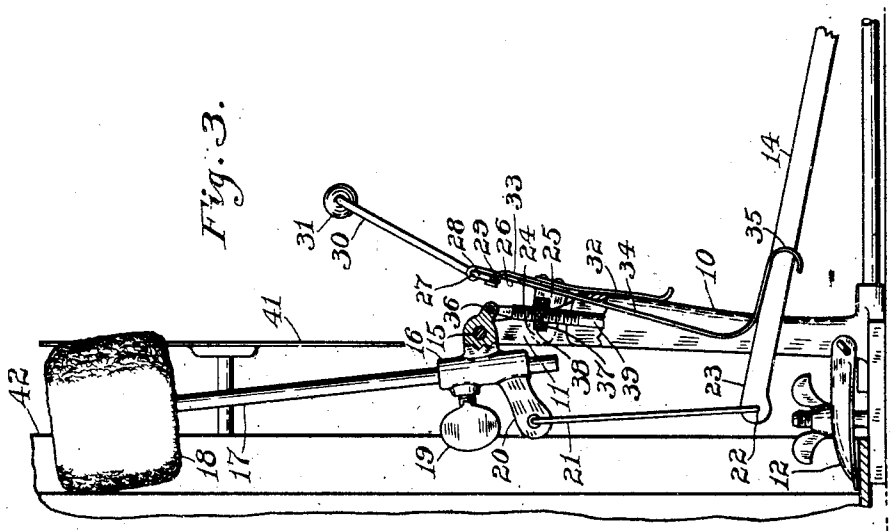
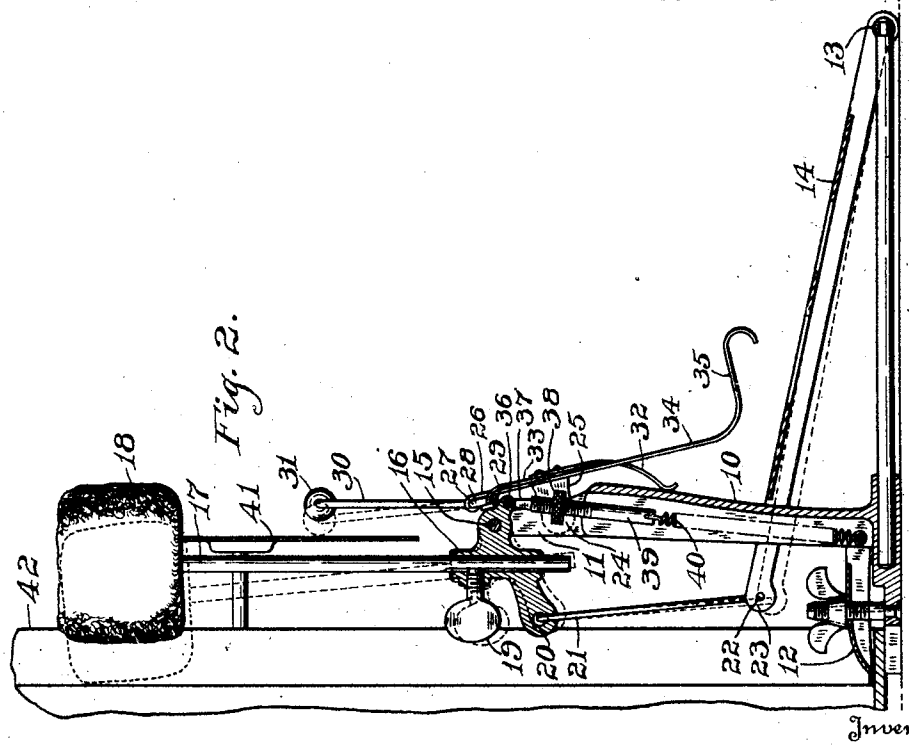



Fig. 2.




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# UNITED STATES PATENT OFFICE.

CECIL H. STRUPE, OF INDIANAPOLIS, INDIANA, ASSIGNOR TO LEEDY MANUFACTURING COMPANY, OF INDIANAPOLIS, INDIANA, A CORPORATION OF INDIANA.

## BASS DRUM AND CYMBAL BEATER.

Application filed July 11, 1921. Serial No. 483,785.

*To all whom it may concern:*

Be it known that I, CECIL H. STRUPE, a citizen of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented a new and useful Bass Drum and Cymbal Beater, of which the following is a specification.

The object of my invention is to produce a simple and efficient device by means of which a drummer may, by foot, beat the bass drum and cymbal simultaneously or beat the drum alone.

The accompanying drawings illustrate my invention. Fig. 1 is a perspective view of my improved device in operative position adjacent the drum and cymbal; Fig. 2 is a vertical section of the device, the full lines indicating the positions of the parts when the main pedal is partially depressed and dotted lines indicating position of the parts when the main pedal is fully depressed; and Fig. 3 is a view similar to Fig. 2 with both pedals fully depressed.

In the drawings, 10 indicates a suitable standard provided at its top with a yoke 11 and at its bottom with a clamp 12 adapted to engage the rim of a bass drum, and a hinge 13 to which the main foot pedal 14 is pivoted.

Pivoted at 15 in yoke 11 is a swinging head 16 which is perforated to receive the arm 17 of the beater 18, said stem being removably held in any desired position of longitudinal adjustment in head 16 by the thumbscrew 19. Head 16 is provided with perforated arm 20 which carries a spring link 21 comprising two arms which may be hooked into the eyes such as 22 in each of the fingers 23 which are a part of pedal 14 and straddle standard 10.

Pivoted at 24 on standard 10 is a yoke or saddle member 25 provided with a pair of upstanding arms 26, 26 in the upper end of each of which is formed an eye 27 in which is journaled a rockshaft 28 provided with an intermediate crank 29, which lies between arms 26, 26. Shaft 28 at one end is extended into a cymbal beater arm 30 which carries a beater head 31 at its outer end.

Saddle 25 is normally and yieldingly held in the position shown in full lines in Fig. 2 by means of a spring 32 attached thereto and engaging standard 10. A spring 33, somewhat lighter than spring 32, is attached to saddle 25 and extended upwardly so as to engage crank 29 and normally hold it in the position shown in full lines in Fig. 2.

Saddle 25 carries a depending arm 34, the lower end of which is bent out to form a supplemental pedal 35, which is arranged alongside the main pedal 14.

The swinging head 16 is provided on its underside with an arm or cam finger 36 to which is pivoted a yoke 37, which lies under an adjusting nut 38 threaded upon the upper end of a rod 39, the lower end of which is connected to the upper end of spring 40, which, at its lower end, is attached to standard 10, the arrangement being such that the arm 17, pedal 14 and connected parts are normally held in the position shown in Fig. 1.

The arm or cam finger 36 is so formed and positioned that, when pedal 14 is brought to the position shown in full lines in Fig. 2, said arm will engage crank 29, and further downward movement of pedal 14 will swing the beater arm 30 to the position shown in dotted lines in Fig. 2, thereby causing the beater head 31 to strike the cymbal 41 at the same time that beater 18 strikes the drum 42.

When the operator desires to beat the drum without sounding the cymbal, he will shift his foot laterally upon the pedal 14 until it will engage the supplemental pedal 35 whereupon depression of the two pedals simultaneously will swing the beater head 18 into engagement with the drum and will swing the saddle 25 to the position shown in Fig. 3, the crank 29 being thus retracted from the path of movement of the cam finger 36 so that the cymbal beater head will not be driven into engagement with the cymbal.

I claim as my invention:

1. A drum and cymbal beater comprising a main support, a swinging drum beater arm mounted on the support, a main pedal connected to said drum beater arm, a cymbal beater arm, inter-engageable means carried by the swinging drum beater arm and the cymbal beater arm whereby movement of the swinging drum beater arm may cause movement of the cymbal beater arm, a movable support for the cymbal beater arm, and a supplemental pedal by means of which the cymbal beater arm may be withdrawn from

interengageable position relative to the swinging beater arm.

2. A drum and cymbal beater comprising a main support, a swinging drum beater arm mounted on said support, a main pedal connected to said beater arm, a cymbal beater arm support movably mounted upon the main support and provided with a supplemental pedal by which its position may be controlled, a cymbal beater arm movably mounted on said movable support, and means controlled by the main pedal for engaging the cymbal beater arm to move it upon its support.

3. A drum and cymbal beater comprising a main support, a swinging drum beater arm mounted on said support, a main pedal connected to said drum beater arm, a cymbal beater arm support movably mounted upon the main support and provided with a supplemental pedal by which its position may be controlled, a cymbal beater arm movably mounted on said movably supported support, and means carried by the swinging drum beater arm for engaging the cymbal beater arm and moving it upon its support toward striking position.

4. A drum and cymbal beater comprising a main support, a swinging drum beater arm mounted on said support, a pedal connected to said drum beater arm, a cymbal beater arm support movably mounted upon the main support and provided with a supplemental pedal by which its position may be controlled, a cranked cymbal beater arm journaled on said cymbal beater arm support, and means carried by the swinging drum beater arm for engaging the crank of the cymbal beater arm to swing the cymbal beater to beating position.

5. A drum and cymbal beater comprising a main support, a swinging drum beater arm mounted on said support, a pedal connected with said arm for operating the same, a cymbal beater arm movably carried on said support, means carried by said drum beater arm for engaging said cymbal beating arm to cause the same to act in unison with said drum beating arm, and means operable with said pedal for moving said cymbal beater arm out of engaging position relative to said engaging means.

6. A drum and cymbal beater comprising a main support, a swinging drum beater arm mounted on said support, a main pedal connected to said drum beater arm for operating the same, a cymbal beater arm movably supported on said support, means on said drum beater arm for operating said cymbal beater arm to cause the same to beat in unison with the drum beater arm, and a supplemental pedal operable with said main pedal for moving said cymbal beater arm out of operating range of said cymbal beater arm operating means.

7. A drum and cymbal beater comprising a main support, a swinging drum beater arm mounted thereon, a main pedal connected to said drum beater arm, means on said drum beater arm for operating a cymbal beater arm, a supplemental support, a cymbal beater arm mounted on said supplemental support, said supplemental support being shiftable to shift said cymbal beater arm into or out of operative engagement with said cymbal beater operating means, and a supplemental pedal operable with said main pedal for shifting said supplemental support.

In witness whereof, I CECIL H. STRUPE have hereunto set my hand at Indianapolis, Indiana, this 7th day of July, A. D. one thousand nine hundred and twenty-one.

CECIL H. STRUPE.