

UNITED STATES PATENT OFFICE.

HARRY RUE, OF CHRISNEY, INDIANA.

MUSICAL INSTRUMENT.

SPECIFICATION forming part of Letters Patent No. 792,080, dated June 13, 1905.

Application filed June 20, 1904. Serial No. 213,388.

To all whom it may concern:

Be it known that I, HARRY RUE, a citizen of the United States, residing at Chrisney, in the county of Spencer, State of Indiana, have invented certain new and useful Improvements in Musical Instruments; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to musical instruments, and more particularly to combination instruments, and has for its object to provide a device of this nature which will combine in a single instrument both a pair of cymbals and a bell and which will be so arranged that it may be attached to a bass drum in position to be operated by the drummer.

A further object is to provide such an instrument so constructed that either the bell or the cymbals may be operated with one hand.

In the drawings forming a portion of this specification, and in which like numerals of reference indicate similar parts in the several views, Figure 1 is a side elevation of the device attached to a drum. Fig. 2 is a top plan view of the device. Fig. 3 is a transverse section on line 3 3 of Fig. 1.

Referring now to the drawings, there is shown a member 5, which is curved to conform to the shape of a bass drum, and secured to the member and projecting beyond the concave face thereof is an angular plate 6, the angular portion 6' of which extends over the concave face of the member and is spaced therefrom to receive the hoop 7 of the drum between it and the member 5. The angular portion 7 is provided with a threaded perforation 9, with which there is engaged a set-screw 10 for operation to engage the hoop 7 to hold the device upon the drum.

Secured to the outer face of the plate 6 is a bell 11, the plate having a projection 12 formed thereon, upon which the bell is secured and by which it is held with its edges spaced from the plate. The projection 12 has a passage 13 therethrough, which is continued through the plate 6, and with this passage is engaged a screw 14, the outer end of which

is engaged with the central opening of the bell, the inner threaded end being engaged in a threaded opening in the member 5, the single screw thus serving to hold the three parts together.

Pivoted to the member 5 adjacent to the plate 6 is a clapper 15 for the bell, which consists of a metallic rod having its ends 16 and 17 turned at right angles in the same direction, the end 17 being somewhat longer than the end 16, as shown. Between the angular portions 16 and 17 the rod is bent into a loop 18, which receives the headed pin 19, by means of which the clapper is secured to the member 5. The angular end 16 lies in the direction of the bell 11 and has secured thereto, by means of a helical spring 20, a head 21 for engagement of the bell to ring the latter. The clapper is limited in its movement in the direction of the bell by a pin 22, which holds the clapper with its head 21 spaced slightly from the bell, though the spring 20 permits the head to move into engagement therewith. A helical spring 23 is secured to the rod adjacent to the angular end portion 17 and is also secured to the member 5 to hold the clapper normally in engagement with the pin 22, and it will be readily understood that if the clapper be moved against the action of the spring 23 and then released the spring will move it into engagement with the pin 22 and that the head 21 will be carried by momentum into engagement with the bell 11 and ring the latter. As shown, the angular end portion 17 of the rod is provided with a finger-piece 24, by which the rod may be moved upon its pivot.

Extending from the convex face of the member 5, adjacent to one end thereof, is a stud 25, to the outer end of which is secured a cymbal 26, and extending in the same direction from the opposite end of the member is a bracket 27, in which is pivoted an arm 28, having a cymbal 29 secured to one end, the arm being movable upon its pivot to bring its cymbal into and out of engagement with the cymbal 26, it being held normally in the former position by a helical spring 30, which is attached thereto and to the member 5. The arm 28 is provided with a laterally-extending

handle 31 at its end opposite to the cymbal 29, by which the arm may be moved against the action of the spring 30, and when the handle is released it will be understood that
 5 this spring moves the arm 28 to cause the cymbal 29 to come into engagement with the cymbal 26. It will thus be seen that the cymbals or the bell may be operated with one hand, the other hand being free to beat the
 10 drum.

What is claimed is—

1. A musical instrument comprising a member, a cymbal connected to one end of the member, an arm having a cymbal attached
 15 thereto pivotally connected with the member for movement to bring its cymbal into and out of engagement with the first-named cymbal, means for holding the arm yieldably with its cymbal in engagement with the first-
 20 named cymbal, a bell mounted upon the member, and a clapper for the bell, said member being arranged for attachment to the hoop of a drum.

2. A musical instrument comprising an arc-
 25 shaped member, an angular plate secured to the member and lying with its angular portion spaced from the concave face of the mem-

ber, said plate having a projection thereon and having a passage formed therethrough and through the projection, said member hav- 30
 ing a threaded recess with which the passage is alined, a bell having an opening alining with the outer end of the passage, a screw engaged with the alining opening and passage and having its threaded end engaged with the 35
 recess, a clapper for the bell pivoted to the member, a cymbal mounted upon the member, an arm pivotally mounted upon the member, a cymbal carried by the arm and arranged for engagement of the first-named cymbal 40
 when the arm is moved upon its pivot, the angular portion of the plate having a threaded perforation therethrough, said angular portion and the member being arranged for the reception of the hoop of a drum therebetween, 45
 and a set-screw engaged with the perforation and arranged for operation to engage the hoop of a drum to hold the instrument thereto.

In testimony whereof I affix my signature in presence of two witnesses.

HARRY RUE.

Witnesses:

JAMES T. MATTINGLEY,
 EDUARD MAIER.