

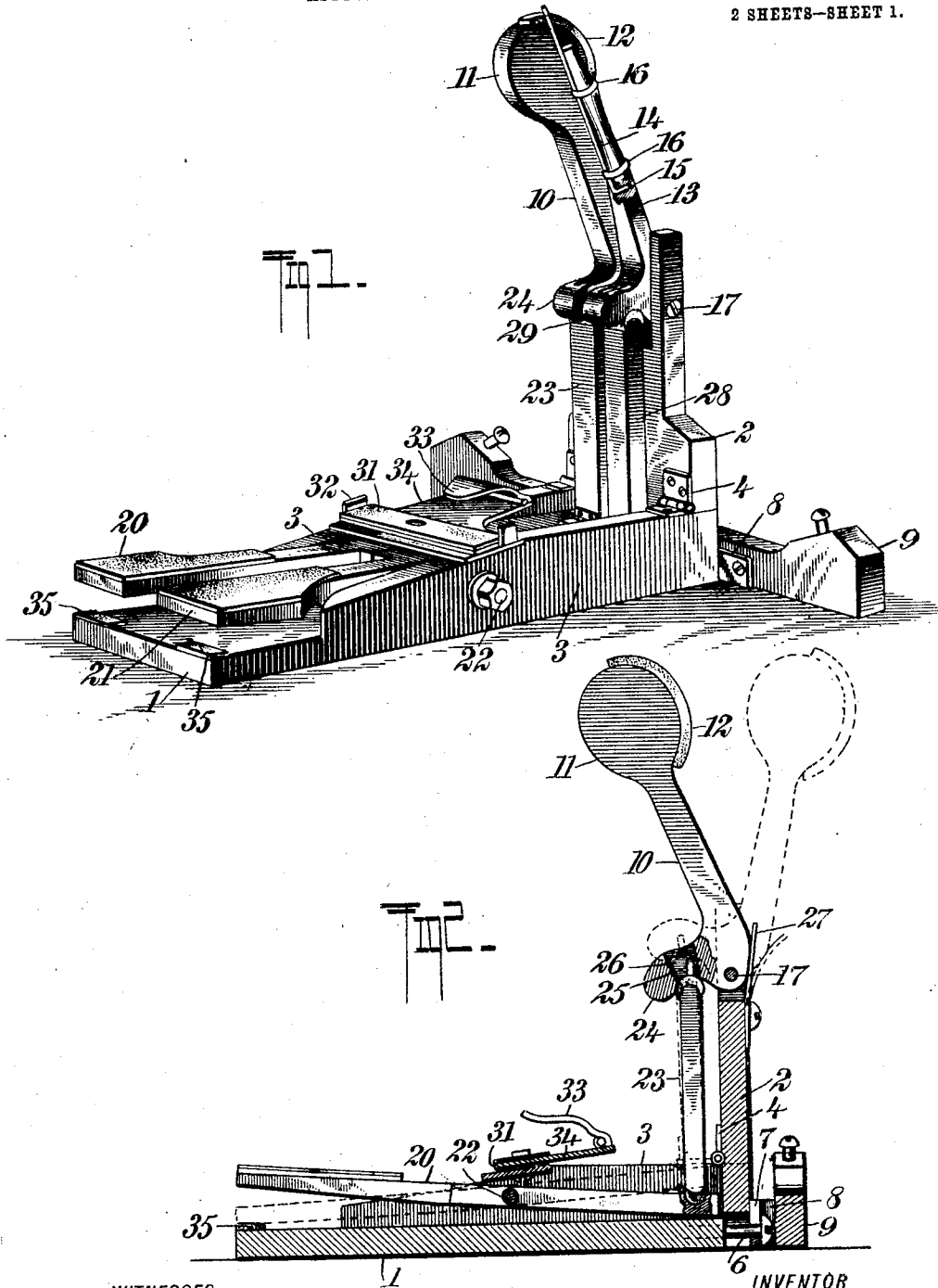
No. 800,509.

PATENTED SEPT. 26, 1905.

J. P. STANTON.
MUSICAL INSTRUMENT BEATER.

APPLICATION FILED JAN. 17, 1905.

2 SHEETS—SHEET 1.



WITNESSES:

Geo. P. Kingsbury
C. R. Thompson

INVENTOR

John P. Stanton

BY *MUMFORD*
ATTORNEYS

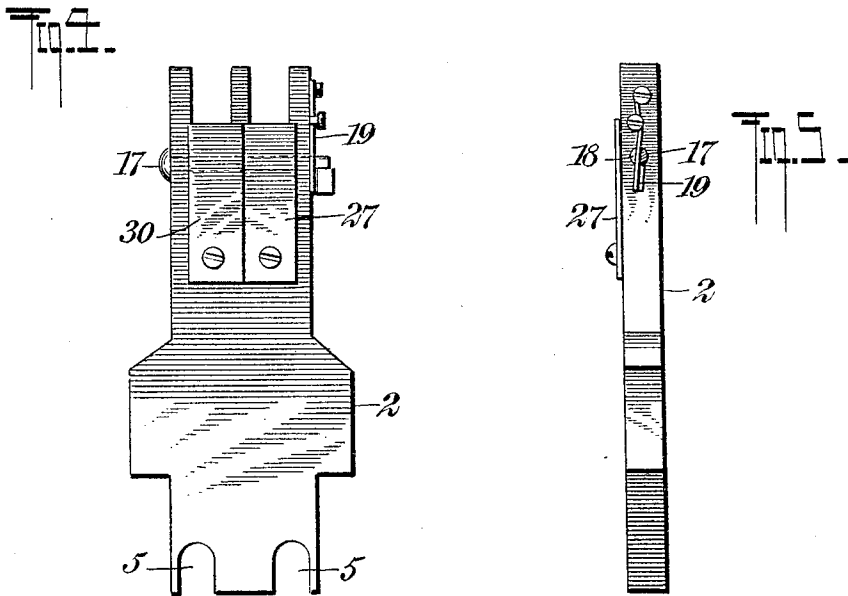
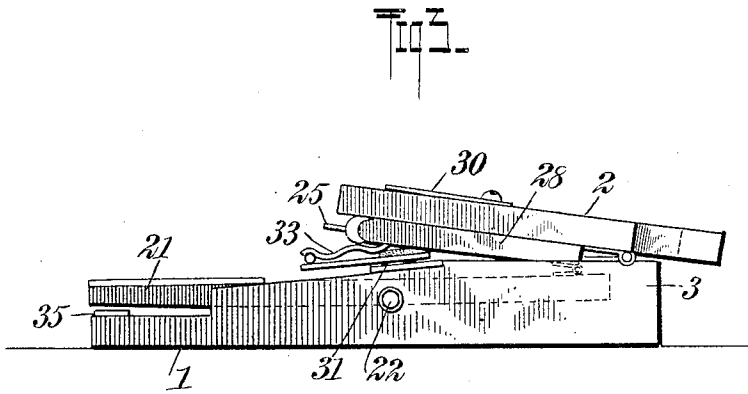
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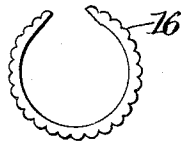
2 SHEETS—SHEET 2.



WITNESSES:

G. B. Kingsbury
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FIG. 6.



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UNITED STATES PATENT OFFICE.

JOHN PIERCE STANTON, OF SAN FRANCISCO, CALIFORNIA.

MUSICAL-INSTRUMENT BEATER.

No. 800,509.

Specification of Letters Patent.

Patented Sept. 26, 1905.

Application filed January 17, 1905. Serial No. 241,413.

To all whom it may concern:

Be it known that I, JOHN PIERCE STANTON, a citizen of the United States, and a resident of San Francisco, in the county of San Francisco and State of California, have invented a new and Improved Musical-Instrument Beater, of which the following is a full, clear, and exact description.

This invention relates to improvements in devices for beating bass drums and cymbals, the object being to provide a beater so constructed that it may be operated with great rapidity and lightness of action, that may be easily cleaned of dust that may gather thereon, and so arranged as to be compactly folded for transportation or storage.

Other objects of the invention will appear in the general description.

I will describe a musical-instrument beater embodying my invention and then point out the novel features in the appended claims.

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 figures.

Figure 1 is a perspective view of a musical-instrument beater embodying my invention. Fig. 2 is a sectional elevation thereof. Fig. 3 shows the device as folded. Fig. 4 is a rear side elevation of a standard employed. Fig. 5 is an edge view thereof, and Fig. 6 shows a fastening-ring employed.

The device comprises a base board or plate 1, on one end of which is a standard 2, connected to the side boards 3 by means of hinges 4, so that said standard may be folded upon the base, as illustrated in Fig. 3. The lower end of the standard 2 is provided with openings or notches 5 for receiving headed lugs 6, extended from the end of the base-board. These lugs 6 are also designed to engage in notches 7, formed in a plate 8, attached to a bar 9, designed to be secured to the rim of a drum. Mounted to swing on the standard 2 is a drum-beater 10, the head 11 of which is of disk shape or flattened on its opposite sides. By this construction the resistance of the head against the air is reduced to a minimum. The head is provided with a striking-cushion 12. Also mounted to swing on the standard 2 is a cymbal-beater arm 13, removably attached to which is a wire 14 for carrying a cymbal member or for striking a cymbal member. This wire has at its lower end a right-angled portion 15 for engaging in a perforation in the arm 13, and it is removably

held in engagement with the arm by means of split rings 16. These rings are of spring metal and being open at one side may be easily engaged around the arm and turned around the wire, and to prevent their upward or downward movement the arm 13 is provided with annular channels to receive the rings. To facilitate the turning of the rings, they are corrugated on their outer side, as indicated in Fig. 6.

The beaters are mounted to swing on a pivot-rod 17, which is provided with a head at one end, and at the opposite end it has a notch 18 for receiving a spring-latch 19, mounted on the spindle. This spring-latch will securely hold the rod 17 in place, but will permit its ready removal when it is desired to change the beaters—that is, to place longer or shorter or heavier or lighter beaters in the standard, as may be required for the work.

Foot-pedals 20 21 are mounted to swing on a bolt 22, extended through the side boards 3. These pedals are so arranged that a musician's heel may readily engage both of the pedals or move from one to the other. The outer sides of the pedals are curved outward, as clearly indicated in Fig. 1. Pivotaly connected to the pedal 20 is an actuating-post 23, the rounded upper end of which engages in a knuckle 24, extended outward from the lower end of the beater 10. This upper end of the post 23 may be padded, and to prevent any lateral or downward movement of the post relatively to the knuckle 24 I provide the post with a pin 25, which projects into a slot 26, formed in the knuckle.

The beater 10 is moved in one direction—that is, outward from the drum—by means of a spring-plate 27, secured to the standard 2 and bearing against the lower end of the beater. A post 28, similar to the post 23, is similarly connected to the pedal 21, and its curved cushioned upper end engages in a notch formed in a knuckle 29, extended from the lower end of the beater-arm 13, and this post is also provided with a pin (not shown) extended into a slot in said knuckle 29. The arm 13 is moved in one direction upon the releasing of the foot-pedal by means of a spring 30.

Mounted to swing in a horizontal plane above the pedals 20 21 is a foot-plate 31, which is provided at its ends with upward projections 32 for engaging with the sole of a musician's shoe, and for engaging with the toe of the shoe I provide a toe-clip 33, which is connected, by means of a hinge, to a plate

34, extended from the foot-plate 31. As the foot-plate 31 is arranged to turn, as before mentioned, it is obvious that the operator may readily turn his foot to place his heel on either one of the pedals or on both of the pedals.

The operation of the device is quite obvious.

When the device is not in use, the foot-plate 31 may be reversed and the toe-clip 33 turned down, as shown in Fig. 3; and this Fig. 3 also illustrates the folding of the standard 2 and the posts 23 28 on the base, the beater-arms being removed. As illustrated, the pedals and foot-plate will be suitably cushioned, and the base-plate 1 will be provided with cushions 35 to receive the impact of the pedals.

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

1. A musical-instrument beater, comprising a base, a standard arranged to fold upon the base, a beater having swinging connection with the standard, and an actuating-pedal for the beater.

2. A musical-instrument beater, comprising a base, a drum-attaching bar, a plate on the bar having notches, headed lugs on the base for engaging in said notches, and a beater supported on the base.

3. A device for the purpose specified, comprising a base, a standard on the base, beaters mounted to swing on the standard, actuating-pedals for the beaters, and a foot-plate arranged to turn in a substantially horizontal plane above the pedals.

4. A device for the purpose specified, comprising a base, a standard on the base, beaters mounted to swing on the standard, actuating-pedals for the beaters, a foot-plate ar-

ranged to turn in a substantially horizontal plane above the pedals, and a toe-clip attached to said foot-plate.

5. A device for the purpose specified, comprising a base, a standard on the base, beaters mounted to swing on the standard, actuating-pedals for the beaters, a foot-plate arranged to turn in a substantially horizontal plane above the pedals, and a toe-clip having swinging connection with said foot-plate.

6. In a device for the purpose specified, a base, a standard on the base, a beater-arm mounted to swing on said standard, a wire, spring-rings for securing said wire to said arm, said rings being open at one side, and an actuating-pedal for the arm.

7. In a device for the purpose specified, a base, a standard hinged thereto, a foot-pedal arranged in the base, a beater mounted to swing on the standard and having a knuckle portion at its lower end provided with a slot, a post pivoted to the pedal and engaging its upper end with said knuckle, and a pin extended from the post into said slot.

8. A device for the purpose specified comprising a base, a standard mounted to swing thereon, pedals arranged to swing on the base, posts pivotally connected to the pedals, a foot-plate mounted to turn in a substantially horizontal plane above the pedals, and a toe-clip attached to said plate.

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

JOHN PIERCE STANTON.

Witnesses:

FRED GHISLA,
RICHARD RITSCHER.