

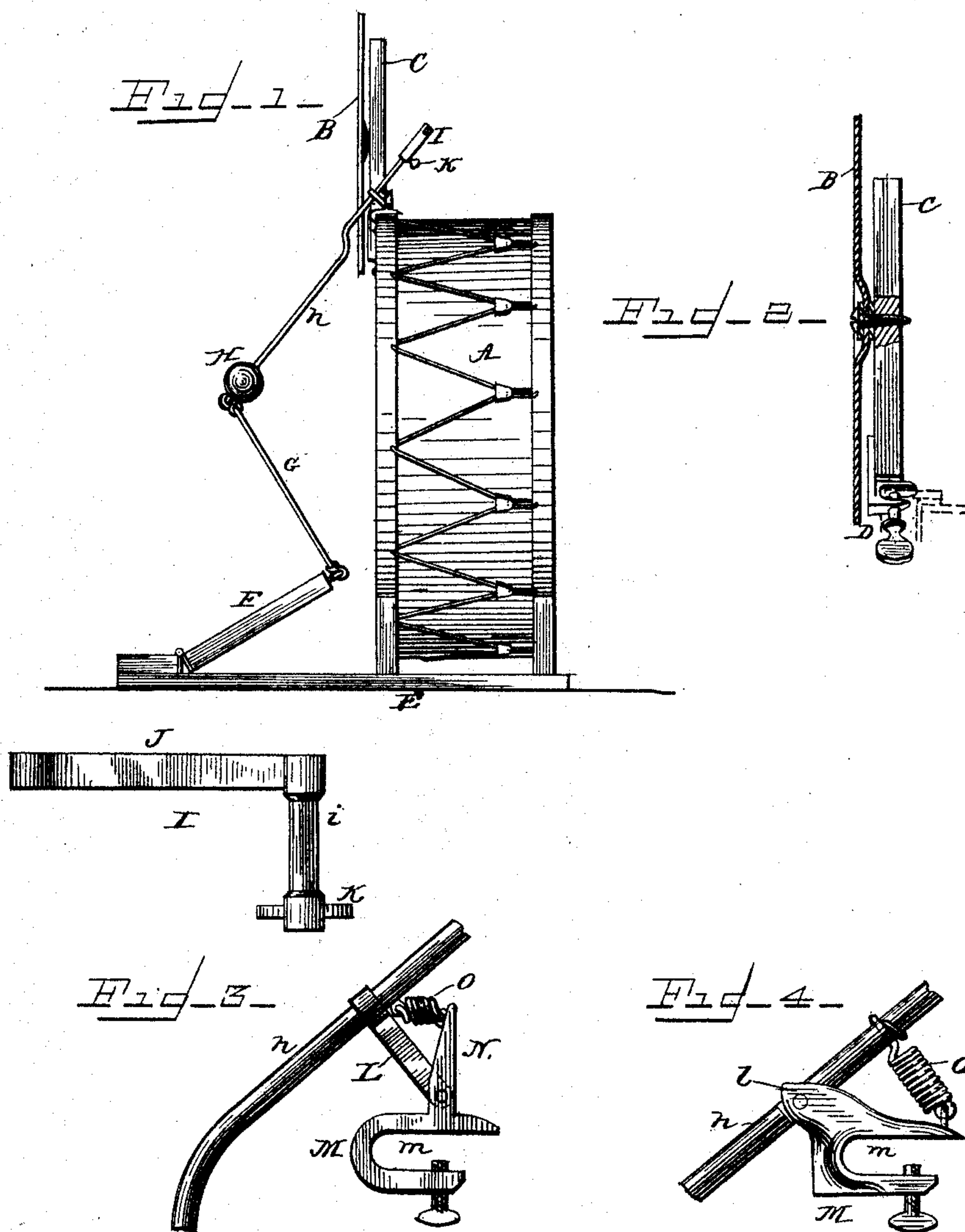
(No Model.)

G. R. OLNEY.

DRUM PEDAL.

No. 357,093.

Patented Feb. 1, 1887.



Witnesses

R. W. Bishop.
M. J. Storm.

Inventor

George R. Olney,

By his Attorney

H. J. Ennis

UNITED STATES PATENT OFFICE.

GEORGE R. OLNEY, OF ST. LOUIS, MISSOURI.

DRUM-PEDAL.

SPECIFICATION forming part of Letters Patent No. 357,093, dated February 1, 1887.

Application filed December 20, 1886. Serial No. 222,026. (No model.)

To all whom it may concern:

Be it known that I, GEORGE R. OLNEY, a citizen of the United States, residing at St. Louis, in the county of St. Louis and State of Missouri, have invented certain new and useful Improvements in Drum-Pedals; and I do 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, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

My invention relates to improvements in devices for beating bass-drums in orchestras, the object being to provide a pedal by which the bass-drum and cymbal will be simultaneously tapped or beaten by a single performer.

To this end my invention consists in certain novel features shown in the accompanying drawings, and which will be hereinafter fully described, and pointed out in the claims.

In the drawings, Figure 1 is a side elevation of a drum and cymbal provided with my improved pedal. Fig. 2 is a detail view showing the manner of attaching the cymbal to the drum. Fig. 3 is a detail view of the combined drum-beater and cymbal-tapper, and Fig. 4 shows a modification thereof.

Referring to the drawings by letter, A indicates a bass-drum, and B a cymbal, of ordinary construction. The cymbal is secured to a brace or support, C, which is attached to the rim of the drum a little to one side of the top center by means of a clamp, D. The drum is rigidly secured upon a suitable base-board, E, which extends some distance in front thereof, and upon which is mounted a treadle, F. The treadle F is connected by a cord or other suitable connection, G, to the drum stick or beater H, the handle or action-bar *h* of which extends up past the rim of the drum, to which it is pivotally secured. The upper end of the action-bar *h* carries the cymbal-beater I, which is adjustably secured thereto by means of a thumb-screw, K, as shown. The cymbal beater or tapper consists of a socket, *i*, which fits

over the end of the bar *h* and carries the thumb-screw K and the tapper J, pivotally secured in the closed end of the said socket. The bar *h* passes through an arm, L, to which it is rigidly secured, forming part of the clamp M, by which the device is secured to the rim of the drum. The inner end of the arm L is pivotally secured to a vertical arm, N, which extends upward from the clamp proper, *m*.

O is a coiled spring, having its opposite ends secured to the arms L and N, which serves to keep the beater in its normal position.

In the modification shown in Fig. 4 the arms L and N are dispensed with and the bar *h* is pivotally secured between two lugs, *l*, on the outer upper corner of the clamp M, and the spring O is secured to the inner upper corner of the clamp M, and the rod or bar *h*, as shown.

The operation of my device is simple and will be readily comprehended. When it is desired to tap the drum, the performer presses on the treadle, and thus draws the beater down against the drum-head, the action bar or rod swinging on its pivot and carrying the cymbal-tapper up against the cymbal, thereby simultaneously sounding the drum and cymbal. As soon as the instruments have been struck the foot is lifted from the treadle, and the spring O immediately acts upon and draws the bar *h* to its normal position.

By using my device a single performer is enabled to do the work which heretofore required three performers, his hands being free to play one instrument and the bass-drum and cymbal being operated by his foot, as before described.

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

1. The combination of a drum, a cymbal mounted thereupon, and a rod pivoted to the rim of the drum and carrying the drum-beater and cymbal-tapper at its opposite ends, substantially as set forth.

2. The combination of the drum, the cymbal mounted thereupon, the rod pivoted to the rim of the drum and carrying the drum-

beater and cymbal-tapper at its opposite ends, and a spring for holding the said bar in its normal position, substantially as specified.

3. The combination of the drum, the cym-
5 bal, the drum-beater and cymbal-tapper pivoted between its ends and mounted upon the drum, the treadle secured to a suitable base and connected to the drum-beater, and a spring

for holding the beater in its normal position, substantially as shown and described. 10

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

GEORGE R. OLNEY.

Witnesses:

H. M. KNOX,
O. J. GARY.