(No Model.)

G. C. A. CLASS.

PIANO PEDAL ATTACHMENT.

No. 454,713. Patented June 23, 1891.

Fig. 1.

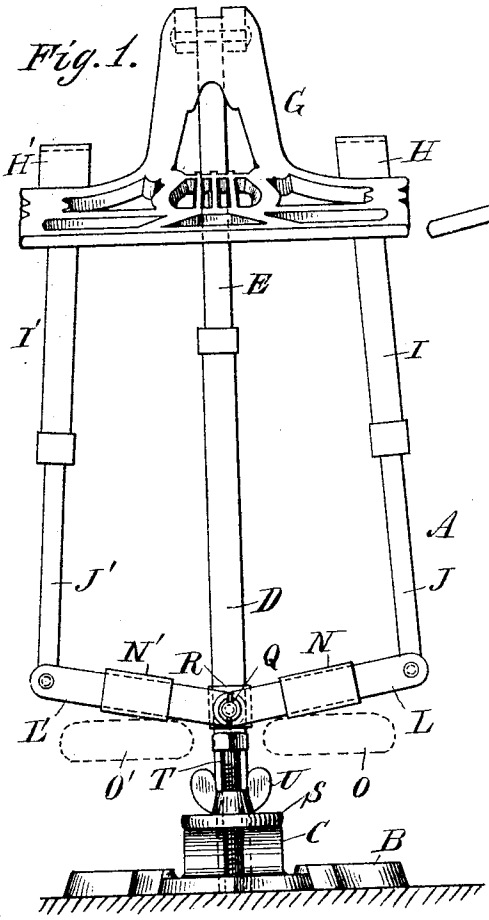


Fig. 2.

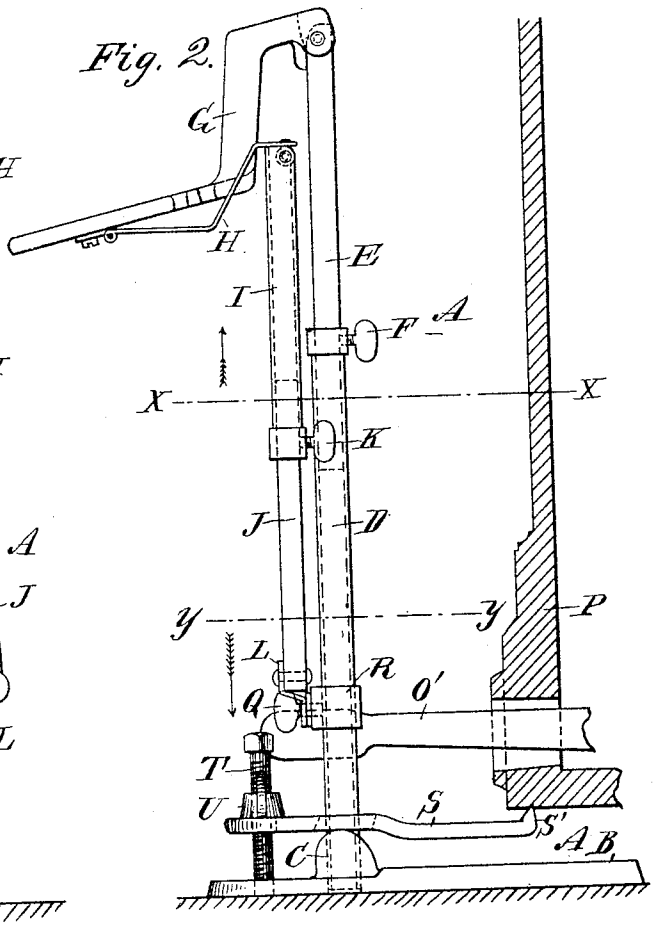


Fig. 3.

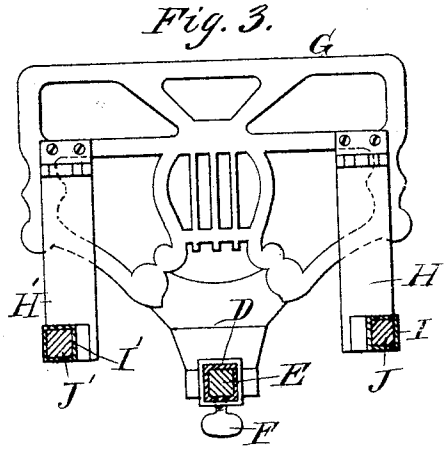
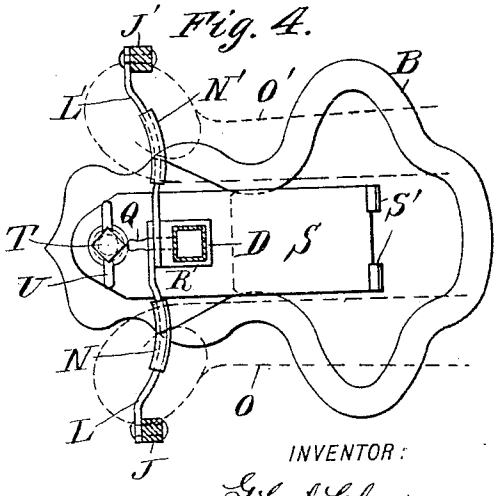


Fig. 4.



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GEORGE CARL AUG. CLASS, OF PHILADELPHIA, PENNSYLVANIA.

PIANO PEDAL ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 454,713, dated June 23, 1891.

Application filed March 4, 1890. Renewed April 17, 1891. Serial No. 389,268. (No model.)

To all whom it may concern:

Be it known that I, GEORGE CARL AUGUST CLASS, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and Improved Piano Pedal Attachment, of which the following is a full, clear, and exact description.

The invention relates to piano or organ pedal attachments such as shown and described in the Letters Patent No. 186,110, granted to me January 9, 1877.

The object of the invention is to provide a new and improved piano pedal attachment which is simple and durable in construction, and specially designed to enable persons of small stature to conveniently rest their feet while performing on the piano and also to actuate the pedals.

The invention consists of certain parts and details and combinations of the same, as will be hereinafter fully described, and then pointed out in the claims.

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

Figure 1 is a front view of the improvement. Fig. 2 is a side elevation of the same as applied, part of the piano being in section. Fig. 3 is a sectional plan view of the same on the line *x x* of Fig. 2, and Fig. 4 is a sectional plan view of the same on the line *y y* of Fig. 2.

The improved pedal attachment A is provided with a suitably-constructed base B, adapted to rest on the floor next to the piano, directly under its pedals. On the base B, near its front, is formed an upwardly-extending lug C, in which is secured the hollow post D, in which is fitted to slide vertically the rod E, adapted to be secured in any desired position in the post D by a set-screw F. On the upper end of the rod E is pivoted the platform or foot-rest G, on the under side of which are pivoted the two V-shaped foot-arms H H′, adapted to extend at their free ends over and in the rear of the platform G, so as to be within convenient reach of the performer's foot. The two foot-arms H and H′ are preferably located on the sides of the platform and extend rearward and upward, as is plainly shown in Figs. 1 and 2.

The free ends of the foot-arms H and H′ are pivotally connected with the downwardly-extending tubes I and I′, respectively, in the lower end of which are fitted to slide the rods J and J′, respectively, adapted to be secured in any desired position in the said tubes I and I′ by set-screws K. The lower ends of the rods J and J′ are pivotally connected with the pedal-arms L and L′, respectively, provided with rubber cushions N and N′, respectively, adapted to rest on the tops of the pedals O and O′, respectively, of the piano P, on which the attachment is to be used.

The rods J and J′, held to telescope in the tubes I and I′, form with the latter links which connect the foot-arms H and H′, respectively, with the pedal-arms L and L′, respectively. The pedal-arms L and L′ are pivoted on a screw-rod Q, screwing in a sleeve R and adapted to secure the said sleeve to the post D, on which the sleeve is held to slide.

On the lug C is held a transversely-extending plate S, having a central aperture through which passes the post D, the inner end of the said plate S being provided with upwardly-extending teeth or lugs S′, adapted to engage the under side of the bottom of the piano on which the device is used. (See Fig. 2.) Through the front end of the plate S, passes loosely a bolt T, secured in the base B and on which screws a nut U, pressing against the top of the plate S and serving to securely hold the device in place on the piano.

The operation is as follows: The device is applied by setting the base B under the pedals O and O′ of the piano P in such a manner that the post D passes between two pedals and the plate S engages with its projections S′ the bottom of the piano P, as is shown in Fig. 2. The operator then screws the nut U downward so as to exert a pressure on the front end of the plate S, to securely press the lugs or projections S′ into the bottom of the piano. By this means the device is securely clamped in place on the floor and to the piano P. The operator next loosens the set-screw F and raises or lowers the rod E to such a height that the platform G forms a convenient rest for the feet of the performer sitting in front of the piano. The performer then carefully loosens the set-screw Q and raises or lowers the sleeve R, so that the foot-arms

H and H′ are in their uppermost position—that is, project above the rear of the platform G, as illustrated in Figs. 1 and 2. At the same time the pedal-arms L and L′ extend in about a horizontal position and rest with their cushions N and N′ on top of the pedal O and O′. In order to make this adjustment complete, the rods J and J′ slide in the tubes I and I′ until the proper position is reached, as above described. The several set-screws are then fastened up. Now when the performer does not use the pedal he simply rests his feet on the platform G, and when he desires to use either of the pedals, he presses with his respective foot on the foot-arm H or H′, thus imparting a downward movement to the link composed of the tube I and the rod J, or the tube I′ and the rod J′, so that the said links impart a downward swinging motion to the respective pedal-arm L or L′, which presses the respective pedal O or O′. When the performer releases the pressure on the respective foot-arm H or H′, the usual pedal-spring returns the pedal, and the several parts rest on it to their former position.

It will be seen that this device can be readily applied to a piano and can be adjusted to any desired height, so as to accommodate persons of different statures. At the same time the device forms a foot-rest for the performer to rest his feet on while not using the pedals.

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

1. The combination, with the base having a post or standard provided at its upper end with a foot-rest, of two foot-arms pivoted at their outer ends to the under side of the said rest and projected upwardly at their inner ends above the said rest, links depending from said inner ends, and oppositely-projecting pedal-arms pivoted at their inner ends to said post and pivoted at their outer ends to the lower ends of the links, substantially as set forth.

2. In a piano pedal attachment, the combination, with a base and a lug formed thereon, of a plate resting on top of the said lug and adapted to engage at its inner end the bottom of the piano, a screw-rod secured on the said base, and a nut screwing on the said screw-rod against the said plate, substantially as shown and described.

3. In a piano pedal attachment, the combination, with a post, of a sleeve held adjustably thereon, pedal-arms pivotally connected with the said sleeve and adapted to rest on the pedals, extension-links pivotally connected with the said pedal-arms, foot-arms pivotally connected with the said links, and a platform or foot-rest held vertically adjustable on the said post and on which the said foot-arms are pivoted, substantially as shown and described.

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Witnesses:
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