

(No Model.)

W. WINTER.
PIANO PEDAL STOOL.

No. 290,163.

Patented Dec. 11, 1883.

Fig. 1.

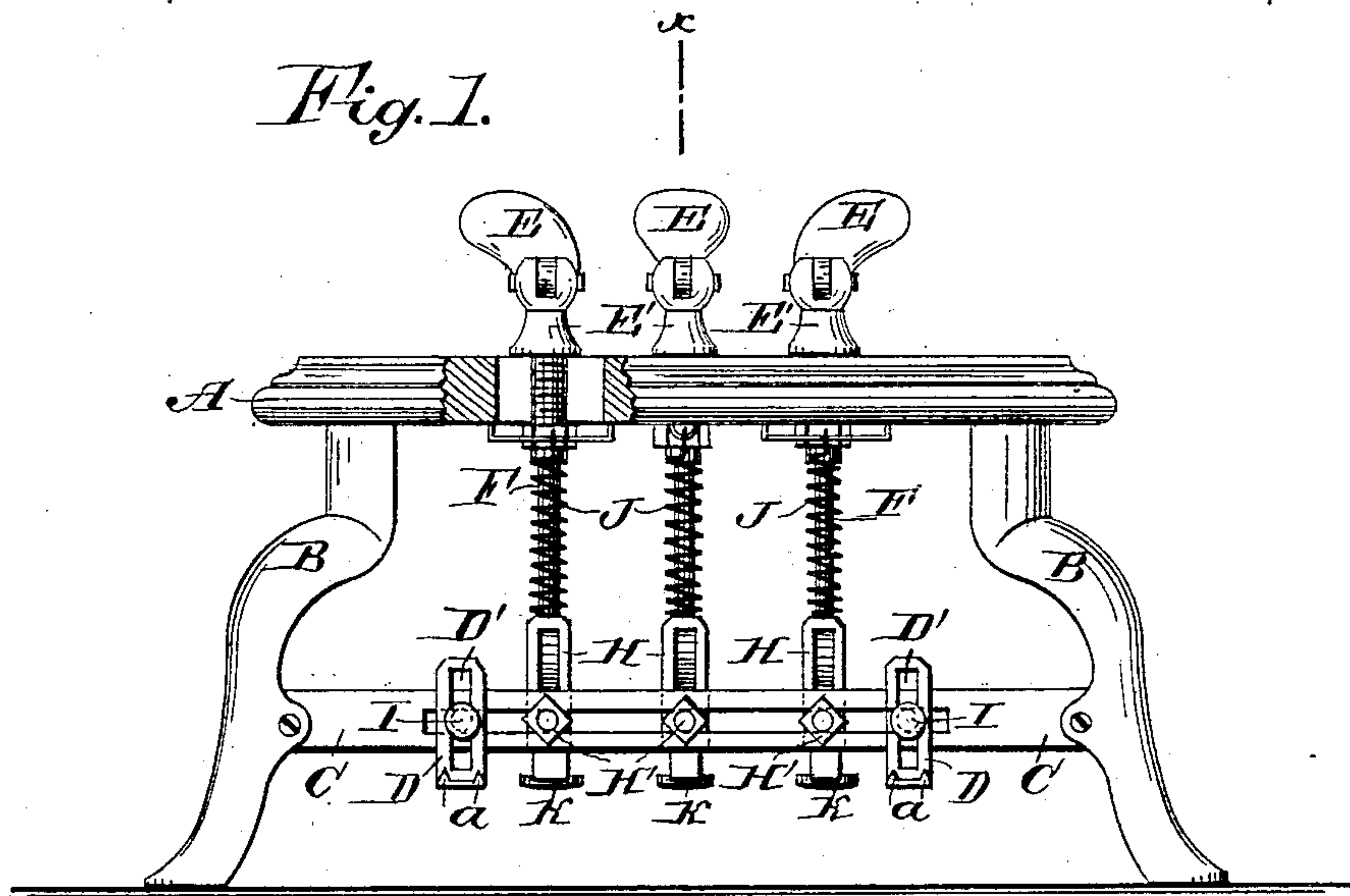


Fig. 2.

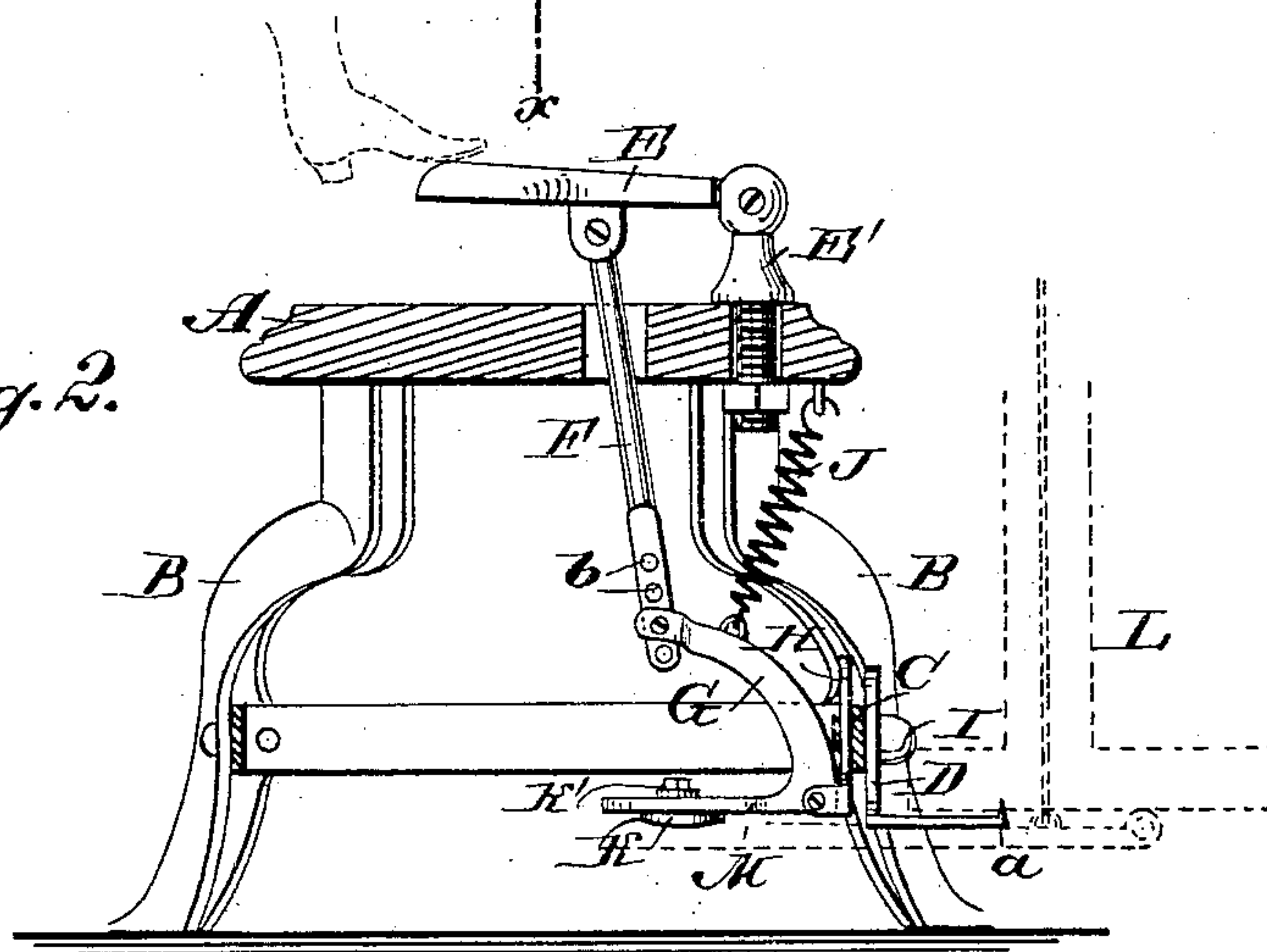
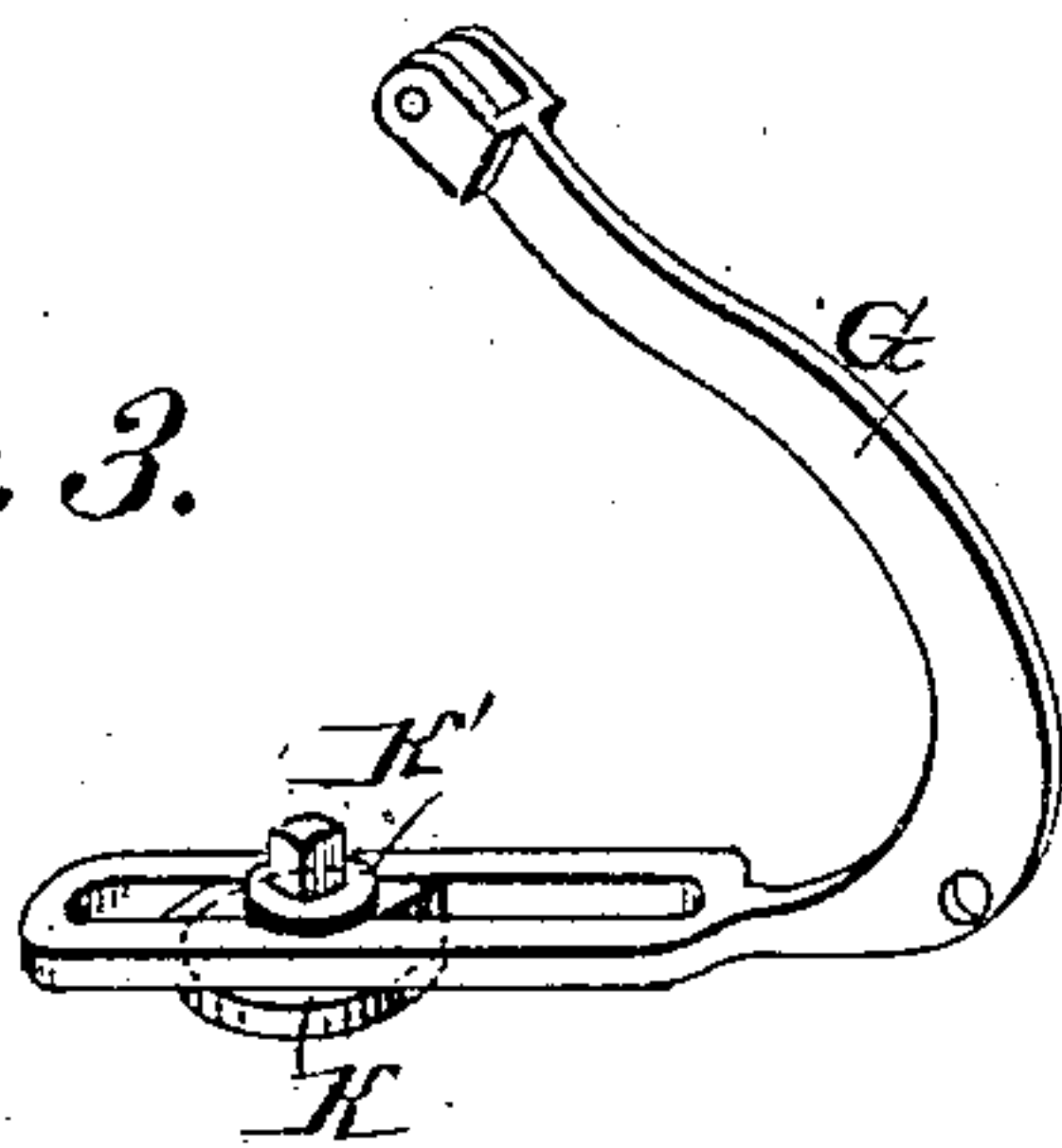


Fig. 3.



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UNITED STATES PATENT OFFICE.

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PIANO-PEDAL STOOL.

SPECIFICATION forming part of Letters Patent No. 290,163, dated December 11, 1883.

Application filed May 11, 1883. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM WINTER, of Albany, in the county of Albany and State of New York, have invented a new and Improved
5 Piano-Pedal Stool, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved stool adapted to be held on the pedal-frames of pianos, organs, &c., to enable children and small persons to operate the
10 pedals.

The invention consists in a stool provided with foot-levers connected by connecting-rods and elbow-levers pivoted on a bar of the stool
15 and adapted to operate the pedal-levers of a piano or like instrument, which stool is provided with devices for easily and rapidly attaching it to the instrument or pedal-lyre of the same. The angle-levers are provided with
20 pads, to protect the pedal-levers from being defaced or injured.

The invention also consists in various parts and details and combinations of the same, as will be fully described and set forth herein-
25 after.

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

30 Figure 1 is a longitudinal rear elevation of my improved piano-pedal stool, parts being broken away. Fig. 2 is a cross-sectional elevation of the same. Fig. 3 is a perspective view of one of the pedal-levers of the same.

35 The top plate, A, of the stool rests upon four legs, B, the rear pair of which are united by a longitudinally-slotted bar, C. On the said bar C two L-shaped pieces, D, are held by screws I, passed through vertical slots D' in the
40 vertical shanks of the pieces D, and through the slot of the bar C, thus permitting of a vertical adjustment of the pieces D. The longitudinal shanks of the pieces D project outward, and are provided at the outer ends with upwardly-projecting prongs a. One or more
45 foot-levers, E, are pivoted in laterally-adjustable standards E' on the top-plate, A, at the rear edge. To about the middle of the under side of each lever E a connecting-rod, F, is piv-
50 oted which is provided in its lower end with a series of apertures, b. To the lower end of each connecting-rod F the upper end of a

curved elbow-lever, G, is pivoted by a pintle passing through one of the apertures b and through apertures in the forked upper ends of
55 the elbow-levers. The said elbow-levers are each pivoted at the bend to a plate, H, provided with a vertical slot, and held in the bar C by a screw, H', passing through the slot of the said plate and through the slot in the bar
60 C. The plates H can thus be adjusted higher or lower, as may be necessary, and the rods F can be adjusted on the levers G. To each elbow-lever G a spring, J, is fastened, which is also fastened to the top plate, A, and draws
65 the upper end of the lever upward. The bottom shanks of the elbow-levers G project inwardly and are each slotted longitudinally. A pad, K, is held adjustably on the under side of the bottom arm of each elbow-lever by a
70 screw, K', passing through the slot of the lever and provided with a nut.

The operation is as follows: The L-shaped pieces D are so adjusted that when the stool is placed in front of the pedal-lyre L the prongs
75 A will pass into the bottom of the lyre. The rods F, the plates, and pads K are so adjusted that the pads rest on the outer ends of the pedal-levers M of the lyre L. If a lever, E, is depressed, the corresponding elbow-lever G
80 will be depressed, and will depress the corresponding pedal-lever, M, the pad K protecting the latter from being defaced. If more than one pedal-lever, M, is pivoted on the lyre, the plates H must be adjusted accordingly lat-
85 erally in the bar C, the rods F and the standards E' passing through slots in the top plate, A, to permit of such adjustment. If children or small persons wish to perform on the in-
90 strument, the stool is hooked under the pedal of the instrument or its pedal-lyre by means of the pronged pieces D, and the stool will then be ready for use. The stool can be fast-
95 ened on the pedal-lyre very easily and rapidly without the use of screws or like devices, and the stool can easily be adjusted according to the size of the person.

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

1. A piano-pedal stool having a horizontally-slotted longitudinal bar, in combination with vertically-slotted angle-plates adjustably bound thereon by means of bolts passing

through both of said slots, the horizontal portion of said plates having upwardly-projecting spurs to engage the under side of the piano, as and for the purpose specified.

5 2. The combination, with a stool, of foot-levers pivoted on the same, connecting-rods pivoted to the foot-levers, and vertically-adjustable angle-levers pivoted on a cross-bar of the stool, which angle-levers are adapted to operate the pedal-levers of the instrument, and are
10 pivoted to the connecting-rods, substantially as herein shown and described, and for the purpose set forth.

3. The combination, with a stool, of foot-levers pivoted on the same, connecting-rods pivoted to the said foot-levers, and vertically and laterally adjustable elbow-levers pivoted on a cross-bar of the stool, which elbow-levers are adapted to operate the pedal-levers of the
15 instrument, and are pivoted to the connecting-rods, substantially as herein shown and described, and for the purpose set forth.

4. The combination, with a stool, of the laterally-adjustable foot-levers E, the connecting-rods F, and the laterally-adjustable elbow-levers G, adapted to operate the pedal-levers

of the instrument, substantially as herein shown and described, and for the purpose set forth.

5. The combination, with a stool provided with a slotted bar, C, of the connecting-rods F and the elbow-levers G, pivoted to the vertically-slotted plates H, held on the slotted bar C, substantially as herein shown and described, and for the purpose set forth. 30

6. A stool, foot-levers journaled to oscillate vertically on top thereof, and a connecting-rod
35 hung to each of said levers, having two or more pin-holes in its lower end, in combination with angle-levers journaled in the lower portion of said stool, each angle-lever provided with a pin adapted to engage either of the
40 holes in the lower end of said rod, and a pad longitudinally adjustable in the lower arm of said angle-lever, as described, whereby said pad may be set fore and aft to meet the crowns
45 of different pedals, and whereby the lever may be adjusted to engage pedals of different heights.

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Witnesses:

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STEPHEN WEAVER.