

(No Model.)

F. E. OLMSTEAD.
PEDAL ATTACHMENT FOR PIANOS.

No. 502,261.

Patented July 25, 1893.

Fig. 1.

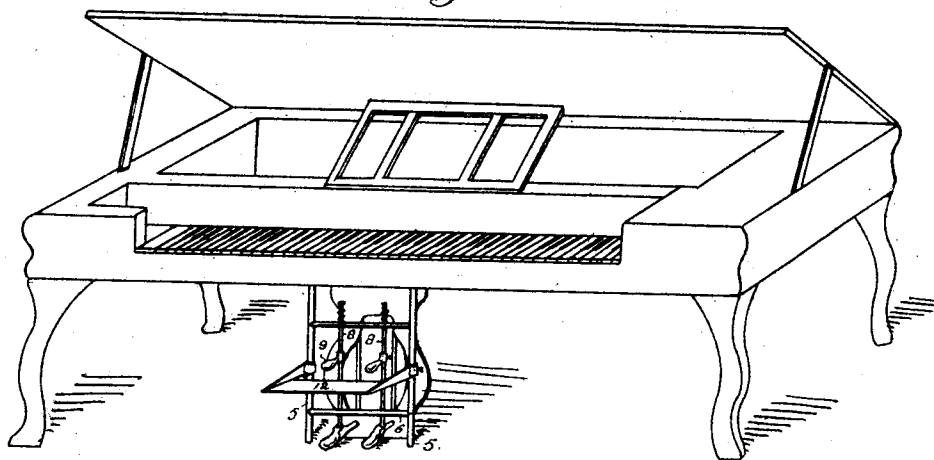


Fig. 2.

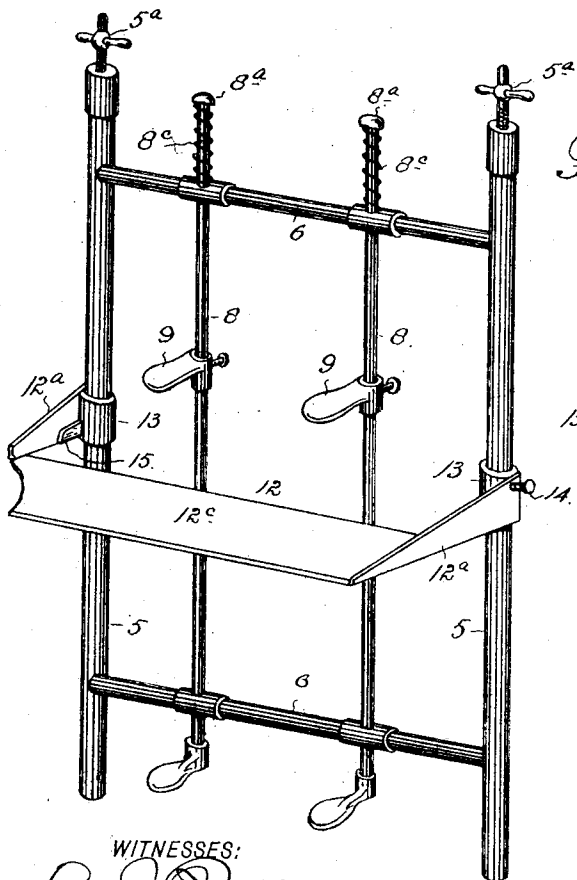


Fig. 3.

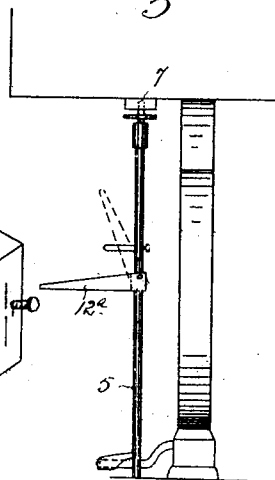
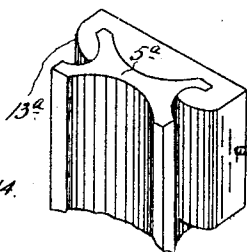


Fig. 4.



WITNESSES:

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PEDAL ATTACHMENT FOR PIANOS.

SPECIFICATION forming part of Letters Patent No. 502,261, dated July 25, 1893.

Application filed March 6, 1893. Serial No. 464,924. (No model.)

To all whom it may concern:

Be it known that I, FREEMAN E. OLMSTEAD, a citizen of the United States of America, residing at Denver, in the county of Arapahoe and State of Colorado, have invented certain new and useful Improvements in a Combined Foot-Rest and Pedal Attachment for Pianos; 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 figures of reference marked thereon, which form a part of this specification.

My invention relates to improvements in piano attachments, in which are combined the features of a supplemental foot-rest and auxiliary pedals.

The object of this attachment is to afford a foot-rest for youthful performers or others having short limbs, and to bring the pedals within reach of their feet, whereby they may use them to the same advantage as adult persons.

A further object of the invention is to provide a device of this class which shall be ornamental as well as useful, and which while in place, shall not interfere with the use of the piano by grown persons.

To these ends the invention consists of the features, arrangements and combinations hereinafter described and claimed, all of which will be fully understood by reference to the accompanying drawings, in which is illustrated an embodiment thereof.

In the drawings, Figure 1 is a perspective view of a piano showing the attachment in place. Fig. 2 is a detail view in perspective, illustrating the attachment on a large scale. Fig. 3 is a side elevation, showing the attachment in place. Fig. 4 is a fragmentary perspective view, illustrating a modified form of construction.

Similar reference characters indicating corresponding parts or elements of the mechanism in the several views, let the numeral 5 designate the vertical bars connected by the transverse rods 6. The bars 5 are provided with screws 5^a inserted in threaded apertures formed in one end of each. As shown in the drawings, these screws are inserted in the

upper extremities of the bars, but they may be located in their lower extremities, as they will perform the same function in either position. By adjusting these screws, the frame composed of the vertical and transverse bars is attached to or disconnected from the piano, as may be desired. When located in the position shown in the drawings, the upper extremities of the screws enter blocks 7 attached to the bottom of the instrument as shown in Fig. 3. It will thus be seen that by turning these screws, the frame may be securely attached to the piano.

Located in apertures formed in the transverse rods 6, are the vertical rods 8, carrying the adjustable auxiliary pedals 9, placed thereon between the rods 6, and the false pedals 9^a made fast to their lower extremities. The false pedals are formed hollow to receive and conceal the true pedals of the instrument. The upper extremities of the rods 8 are formed with shoulders 8^a, which form stops for the upper extremities of coil-springs 8^b which surround the rods, their lower extremities engaging the upper transverse rods 6. The strength of these springs should be just sufficient to support the weight of rods 8 and their attachments. The pedals 9 are retained in position upon their rods by set screws 10.

The foot-rest 12 is composed of the side arms 12^a, connected with the foot-board 12^b. These side arms are attached to short sleeves 13, vertically movable on bars 5 by means of set screws 14, which pass through coinciding apertures formed in the sleeves and side arms. The side arms 12^a are movable on the sleeves, the set screws 14 forming their pivots; hence the foot-rest may be folded up against bars 5 when not in use. This feature permits the use of the piano by grown persons without removing the attachment. The side arms are provided with stops 15 which engage the sleeves and maintain the arms in a horizontal position while the foot-rest is in use.

Instead of the cylindrical bars 5, the vertical bars of the frame may be shaped as shown at 5^a in Fig. 4, while instead of the sleeves 13, the dovetailed sliding blocks 13^a, also shown in Fig. 4, may be employed.

Having thus described my invention, what I claim is—

1. In a piano attachment, the combination

of the upright frame provided with the vertically adjustable fastening screws, and the vertically movable rods carrying the auxiliary and false pedals, substantially as described.

5 2. In a piano attachment, the combination of the upright frame carrying vertically adjustable means for securing the same to the instrument, and the vertically movable rods carrying the auxiliary and false pedals, substantially as described.

10 3. In a piano attachment, the combination with the upright frame provided with means for fastening the same to the instrument, and the vertically movable rods carrying the hollow false pedals, and the adjustable auxiliary pedals, substantially as described.

15 4. In a piano attachment, the combination of the upright frame carrying the adjustable

fastening screws, recessed blocks attached to the instrument to receive the tops of the 20 screws, and the vertically movable rods mounted on the frame, and carrying the auxiliary and false pedals, substantially as described.

5. In a piano attachment, the combination 25 with the upright frame carrying the vertically adjustable fastening screws, and the vertically adjustable folding foot-rest, substantially as described.

In testimony whereof I affix my signature in 30 presence of two witnesses.

FREEMAN E. OLMSTEAD.

Witnesses:

CHAS. E. DAWSON,
BRINTON GREGORY.