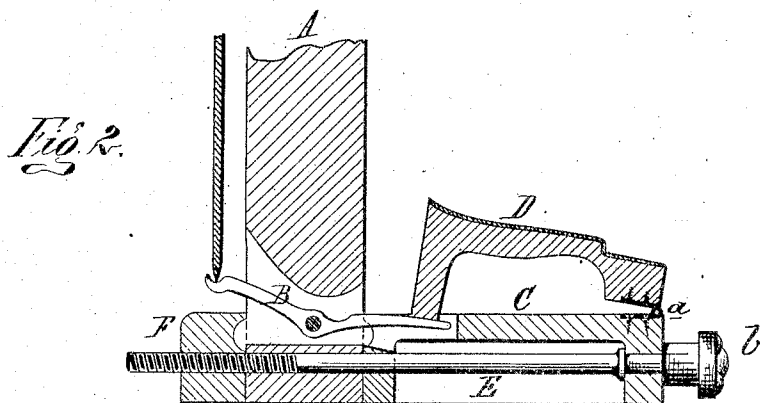
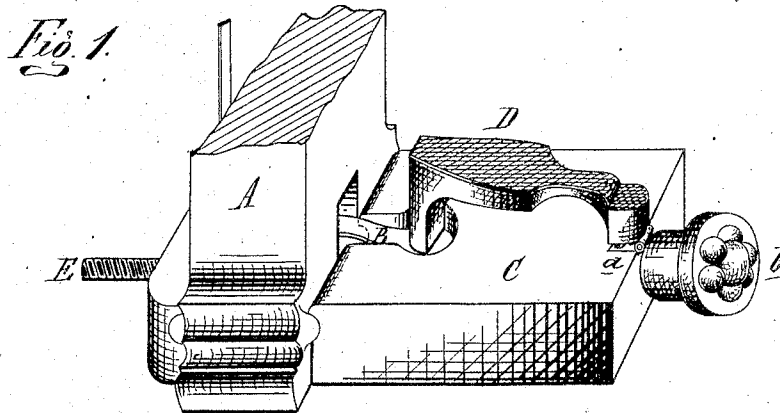


L. C. WHITING.
Piano-Forte Pedal Attachment.

No. 162,443.

Patented April 20, 1875.



Attest:
Edward Barthel.
Attorney

Inventor:
L. C. Whiting
By Atty
H. S. Sprague

UNITED STATES PATENT OFFICE.

LORRAIN C. WHITING, OF EAST SAGINAW, MICHIGAN.

IMPROVEMENT IN PIANO - FORTE PEDAL ATTACHMENTS.

Specification forming part of Letters Patent No. **162,443**, dated April 20, 1875; application filed December 30, 1874.

To all whom it may concern :

Be it known that I, LORRAIN C. WHITING, of East Saginaw, in the county of Saginaw and State of Michigan, have invented an Improvement in Pedal Attachments to Pianos, of which the following is a specification :

The nature of this invention relates to an improvement in an attachment to be secured to the pedals of a piano, in such manner as to bring the pedal-levers within the reach of juvenile performers who are too short of limb to reach them, as the instruments are ordinarily constructed; and to that end it consists in attaching to the foot of the pedal-harp a proper base, upon which is hinged a foot rest, the toe of which is provided with a pendent lug, which lies upon the pedal-lever, as is more fully hereinafter set forth.

Figure 1 is a perspective view of my invention as attached to the pedals of a piano. Fig. 2 is a longitudinal section.

In the drawing, A represents the lower part of the harp of a piano, in which are pivoted

the pedal-levers B. C is a base-block, surmounted with a foot-rest, D, hinged at its heel to said block, as at *a*. E is a rod passing longitudinally through the base C, being provided with a bolt-head, *b*, at one end, while the opposite end is screw-threaded, to receive a clamp-nut, F.

By the use of this device, the pedals of the instrument are brought within easy control of the juvenile performer, while at the same time the proper position for an easy manipulation of the key-board can be retained.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination of the base-block C, the foot-rest D, pivoted thereto, the screw-rod E, and clamp-nut F, all constructed and arranged substantially as and for the purpose set forth.

LORRAIN C. WHITING.

Witnesses :

H. S. SPRAGUE,
H. F. EBERTS.