

No. 847,498.

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L. W. NORCROSS.
AUXILIARY PIANO PEDAL.
APPLICATION FILED DEC. 8, 1906.

Fig. 1.

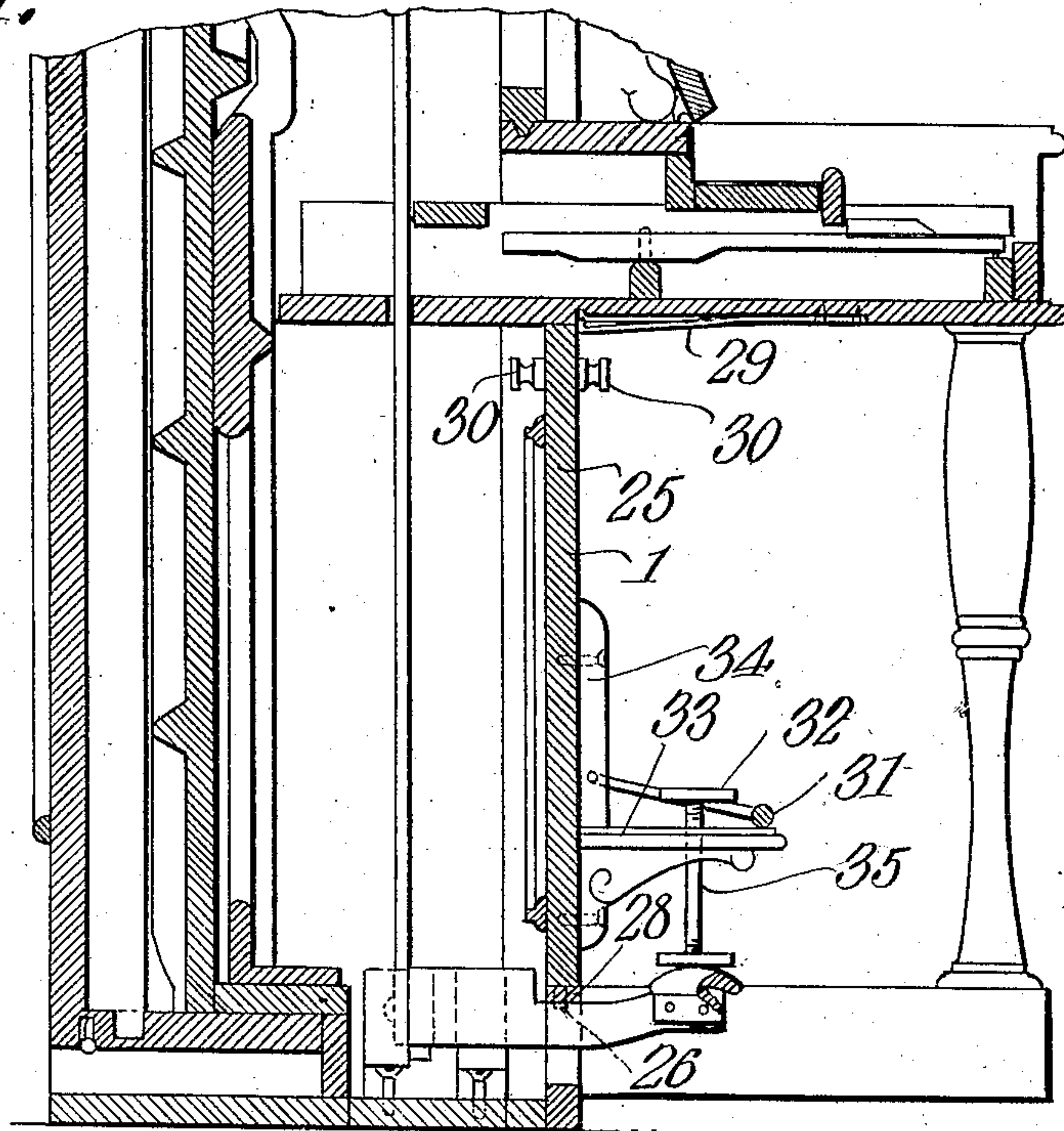
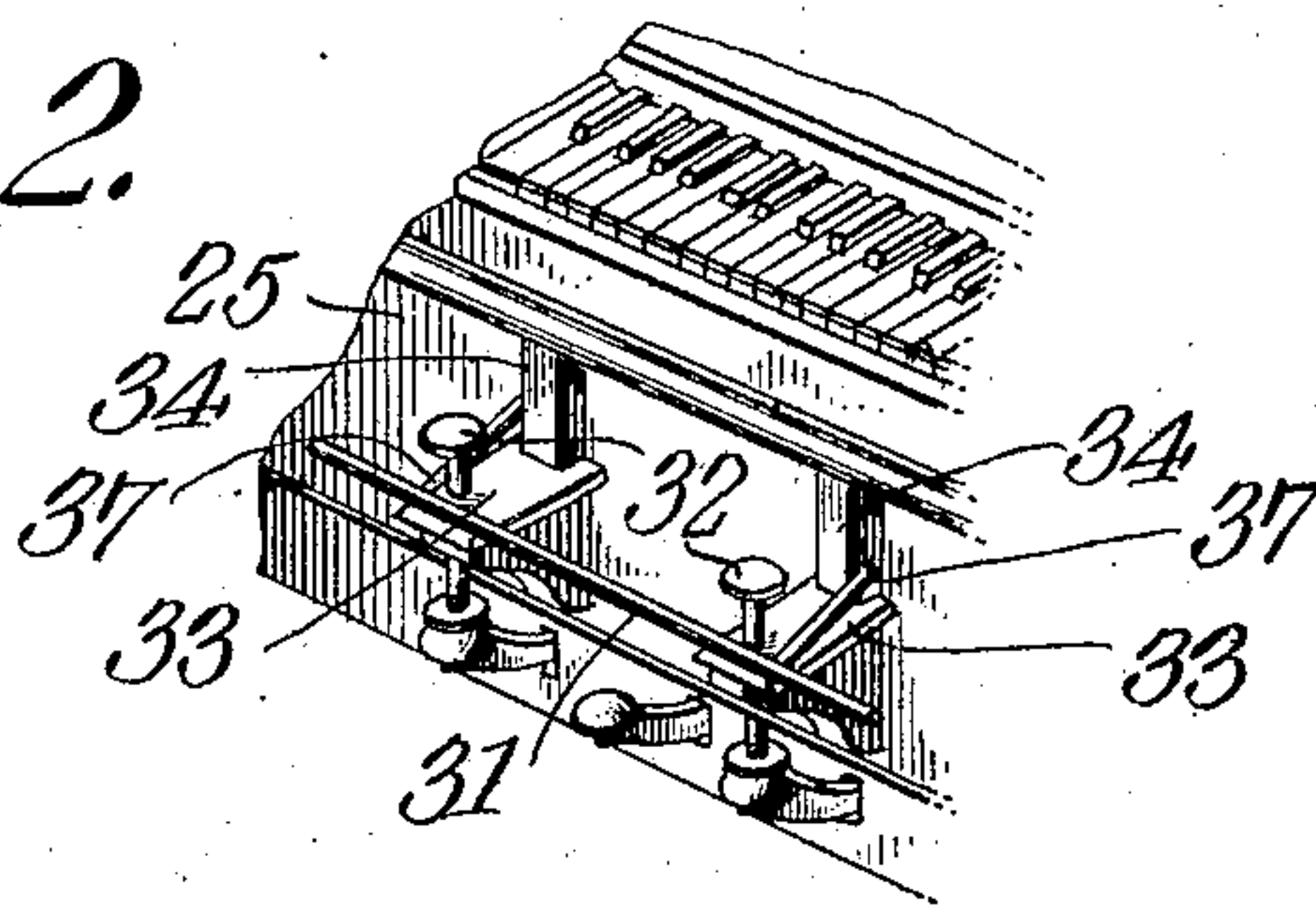


Fig. 2.



WITNESSES:

E. H. Stewart
J. M. Carter

Levi W. Norcross,
INVENTOR.

By *C. A. Snow & Co.*
ATTORNEYS

UNITED STATES PATENT OFFICE.

LEVI WATSON NORCROSS, OF FORT WORTH, TEXAS.

AUXILIARY PIANO-PEDAL.

No. 847,498.

Specification of Letters Patent.

Patented March 19, 1907.

Application filed December 8, 1906. Serial No. 346,904.

To all whom it may concern:

Be it known that I, LEVI WATSON NORCROSS, a citizen of the United States, residing at Fort Worth, in the county of Tarrant and State of Texas, have invented new and useful Auxiliary Piano-Pedals, of which the following is a specification.

This invention relates to improvements in pianos, and has for its principal object to provide a novel construction of auxiliary pedal and foot-rest for use by children.

A further object of the invention is to provide an auxiliary foot-rest and auxiliary pedal members which may be readily adjusted into and from operative position as required.

With these and other objects in view, as will more fully hereinafter appear, the invention consists in certain novel features of construction and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and particularly pointed out in the appended claims, it being understood that various changes in the form, proportions, size, and minor details of the structure may be made without departing from the spirit or sacrificing any of the advantages of the invention.

In the accompanying drawings, Figure 1 is a transverse sectional view of the lower portion of a piano-casing provided with auxiliary pedals and an auxiliary foot-rest constructed in accordance with the invention. Fig. 2 is a detail perspective view of the same.

Similar numerals of reference are employed to indicate corresponding parts throughout the several figures of the drawings.

In all upright pianos the front panel below the keyboard is subjected to the most wear and soon becomes disfigured, while the remaining portion of the casing will present a new and fresh appearance for a much longer period of time. In the present instance this lower panel 25 is made reversible—that is to say, both of its faces are finished—and the finish may be the same on both sides, or one may be different from the other. This panel is preferably provided at its lower edge with short pins 26, arranged to enter corresponding recesses in the lower cross-sill 28, and the upper edge of the panel is arranged to be engaged by a spring-catch 29, immediately under the keyboard-frame. The upper portion of the panel is provided with knobs 30, one on each side, in order to facilitate the re-

moval and reversing of the panel. In some cases the instrument is used by a child or other person, who cannot conveniently reach the pedals. To remedy this, one side of the panel is provided with an auxiliary foot-rest 31 and auxiliary pedal members 32. These foot-rest and pedal members may be detachably secured to the face of the panel; but to provide for a greater security and prevent the rattling which might occur from loose fastenings it is preferred to form a rigid structure by employing a pair of brackets 33, having vertically-elongated base members 34, which are glued to the face of the panel, and the connection further strengthened by means of securing-screws or the like. These brackets are provided with vertically-disposed openings for the reception of the stems 35 of the auxiliary pedal members, and these stems have threaded upper and lower ends for the reception of disks 36, the upper disks being within convenient reach of a child, while the lower disks are arranged to rest on the forte and pianissimo pedals. The foot-rest 31 is formed of a bar which rests on both brackets 33 when in use, said bar being carried by a pair of links 37, which are connected to the base members 34, so that the foot-rest may be thrown up out of the way when not in use.

The reversible panel may be readily removed from position and either the strictly-ornamental face exposed or the auxiliary foot-rest and pedal members adjusted to position for use.

The device is of especial value for use by music-teachers and in other places where the instrument is occasionally played by young beginners.

I claim—

1. A piano having pedals, a pair of brackets secured to the front of the piano-casing, auxiliary pedal members guided by said brackets and arranged to transmit motion to the pedals, and an adjustable foot-rest supported by the brackets.

2. A piano having pedals, a pair of brackets secured to the front of the piano-casing each having a guiding-opening, auxiliary pedal members having stems arranged in said openings, and disks secured to the upper and lower ends of said stems.

3. A piano having pedals, a pair of brackets having base members secured to the front of the piano-casing and provided with guid-

ing-openings, auxiliary pedal members hav-
ing stems fitted within said openings and pro-
vided with lower disks resting on the pedals,
upper disks secured to the upper ends of the
5 stems, a foot-rest bar, and links carrying said
foot-rest bar and pivoted to the base portions
of said brackets.

In testimony that I claim the foregoing as
my own I have hereto affixed my signature in
the presence of two witnesses.

LEVI WATSON NORCROSS.

Witnesses:

J. H. CURTIS,

C. J. HOPPAGE.