

(No Model.)

A. ANDERSON.

ORGAN CASE.

No. 264,601.

Fig. 1 Patented Sept. 19, 1882.

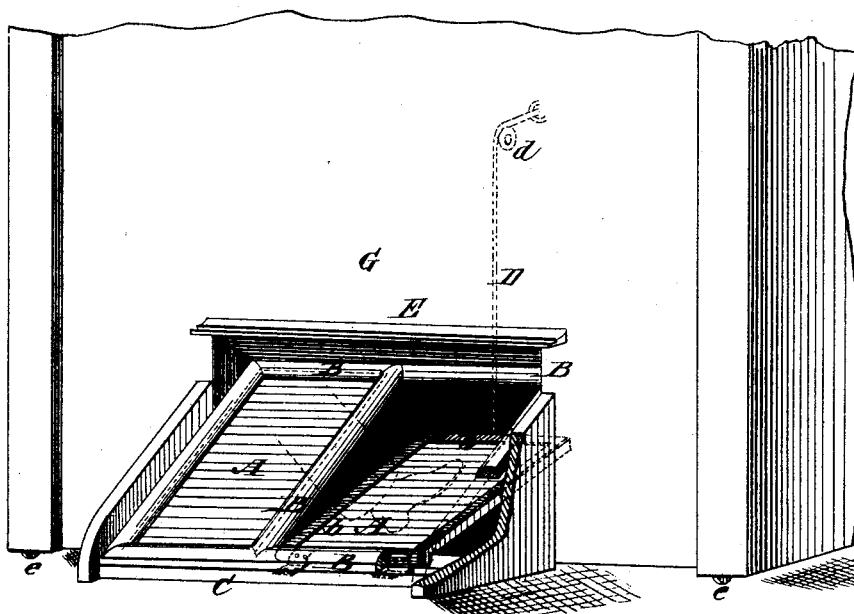
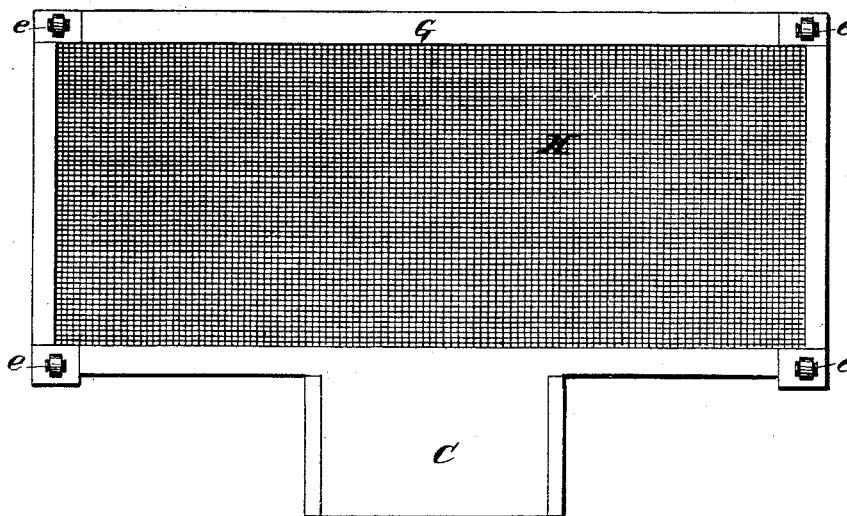


Fig. 2.



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ANDREW ANDERSON, OF MOLINE, ILLINOIS.

ORGAN-CASE.

SPECIFICATION forming part of Letters Patent No. 264,601, dated September 19, 1882.

Application filed April 19, 1882. (No model.)

To all whom it may concern:

Be it known that I, ANDREW ANDERSON, of Moline, in the county of Rock Island and State of Illinois, have invented certain new and useful improvements in means for protecting organs and other wind-instruments from the ravages of vermin, of which the following is a full, clear, and exact description.

This invention relates to the pedals of organs, and has for its object the prevention of injury to the bellows, sounding-board, key-pins, reed-cells, or other parts of the interior of the instrument by the ingress of mice or other vermin, without affecting or injuring the sound or quality of tone of the instrument, and by means which add little or nothing to the cost of it, and are applicable to organs and other like instruments as now constructed.

The invention consists in a certain combination of peculiarly-constructed pedals, frame or jamb thereof, and pedal-frame with bottom and sealing piece over the pedals, whereby all openings about the pedals or their connections for the entry of vermin are closed on removal of the foot from the pedals, and the action of the pedals is noiseless and simple.

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 both the figures.

Figure 1 represents a front perspective view of the lower portion of a cottage organ or other like instrument in part, showing the construction and arrangement of the pedals and frames connected therewith in accordance with my invention; and Fig. 2 is an inverted plan of the bottom of the organ-case, with its covering-screen and bottom of the pedal-frame.

In the drawings, A A are the pedals, (one of which is represented as partly depressed,) which, when not pressed down by the foot, are self-closing up against a frame or jamb, B B, without noise or shock, by the application to their faces, which come in contact with said frame, of felt or other soft clothing, b.

C is the bottom of the pedal-frame.

D is the rope or webbing attached to each pedal, and arranged to run over a pulley, d, to transmit the power to the bellows.

E is a sealing-piece, arranged between the front of the organ-case G and the top of the pedal-jamb, for completely closing, in connection with the pedal frame and jamb, all openings whatever about or around the pedals when closed, to the exclusion of vermin of all kinds.

The instrument rests, by rollers or feet e e, on the floor, so that a space is left below the bottom of the case G for the admission of air. Covering this raised open bottom of the case is a perforated plate or screen, H, of wire or any other suitable material that will exclude mice and other vermin. This screen, instead of being arranged directly on the bottom of the organ-case, may be placed somewhat higher up within the case to have a like effect.

By the combination of the pedals and their frames, constructed as described, and the screen or netting covering the bottom of the organ-case, the most perfect security is afforded in a very simple manner against the entry of mice or vermin without impairing the sound of the instrument, the raised screen-covered bottom of the case admitting of a free supply of air to the interior of the case. The pedals, too, closed as described, are noiseless, and there are no arms working through slots or other openings besides those closed by the pedals themselves for vermin to work their way through. In these and other respects my construction of the pedals and their frames differs from other pedal-box arrangements, in some of which the pedals are self-closing, while in others a lid is specially provided for closing the box. Nor does the screen which is here used merely protect the reed-cells, as in the case of a simple air-filter, which offers no protection to the more vital parts—such as the pins that act upon the air-valves of the reeds, the sounding-board, and the bellows—as the screen in the arrangement I have described does. Neither does it affect the quality of tone or produce a tone similar to that produced by leaving the knee-swell closed, but, as it leaves the reeds entirely open, provides for the full resonant sound known as “forte,” and the knee-swell is only applied as required.

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

The combination of the self-closing pedals A A, having clothing *b* applied to their closing surfaces, the frame or jamb B B, against which said pedals close, the pedal-frame, having a close bottom, C, the organ-case G, the sealing-piece E, arranged between said case and jamb, the bellows-operating rope or web, attached to either pedal, and the pulley or pulleys *d*, substantially as shown and described.

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Witnesses:

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