

(No Model.)

J. S. FOLEY.

PEDAL COVER FOR ORGANS.

No. 362,266.

Patented May 3, 1887.

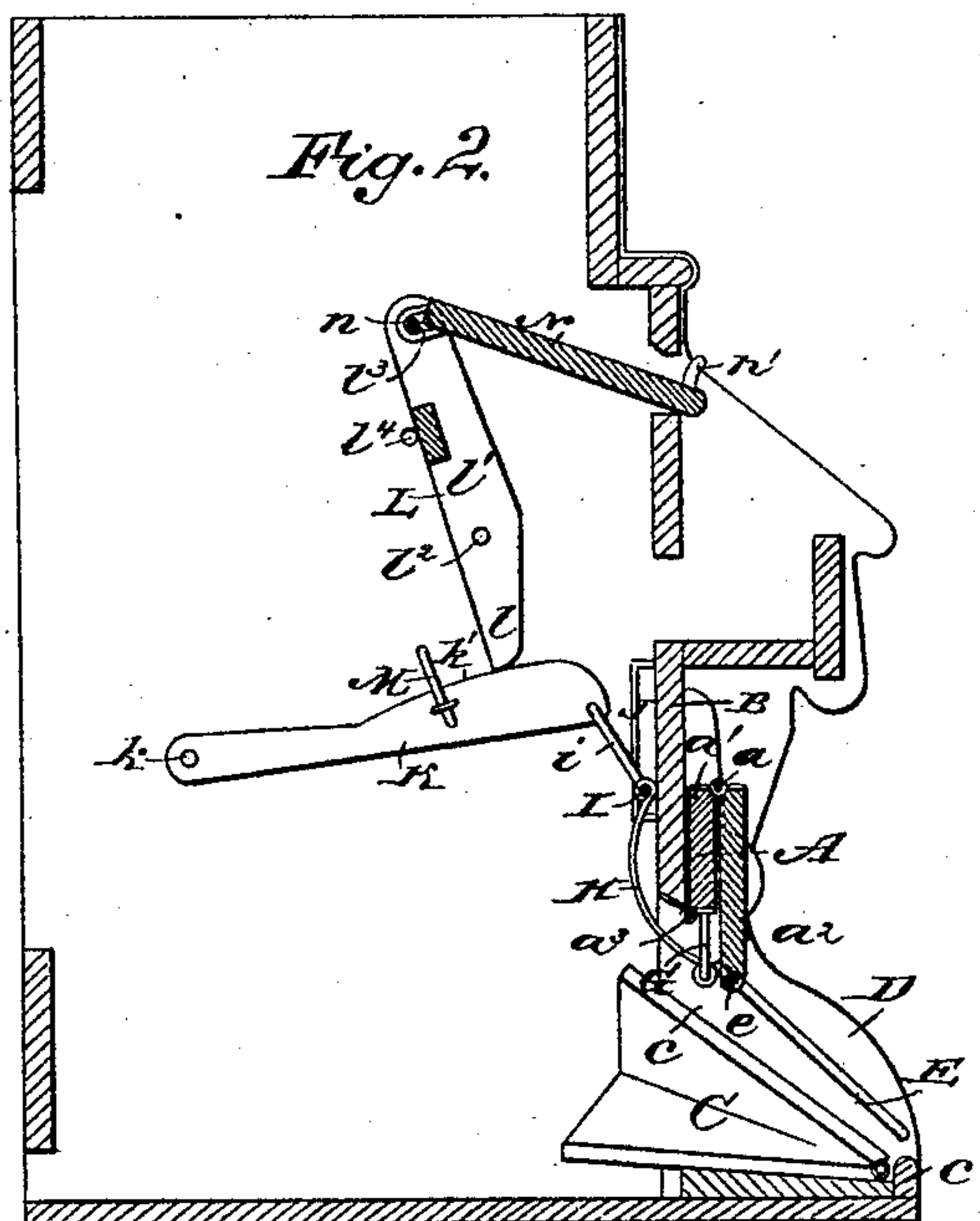
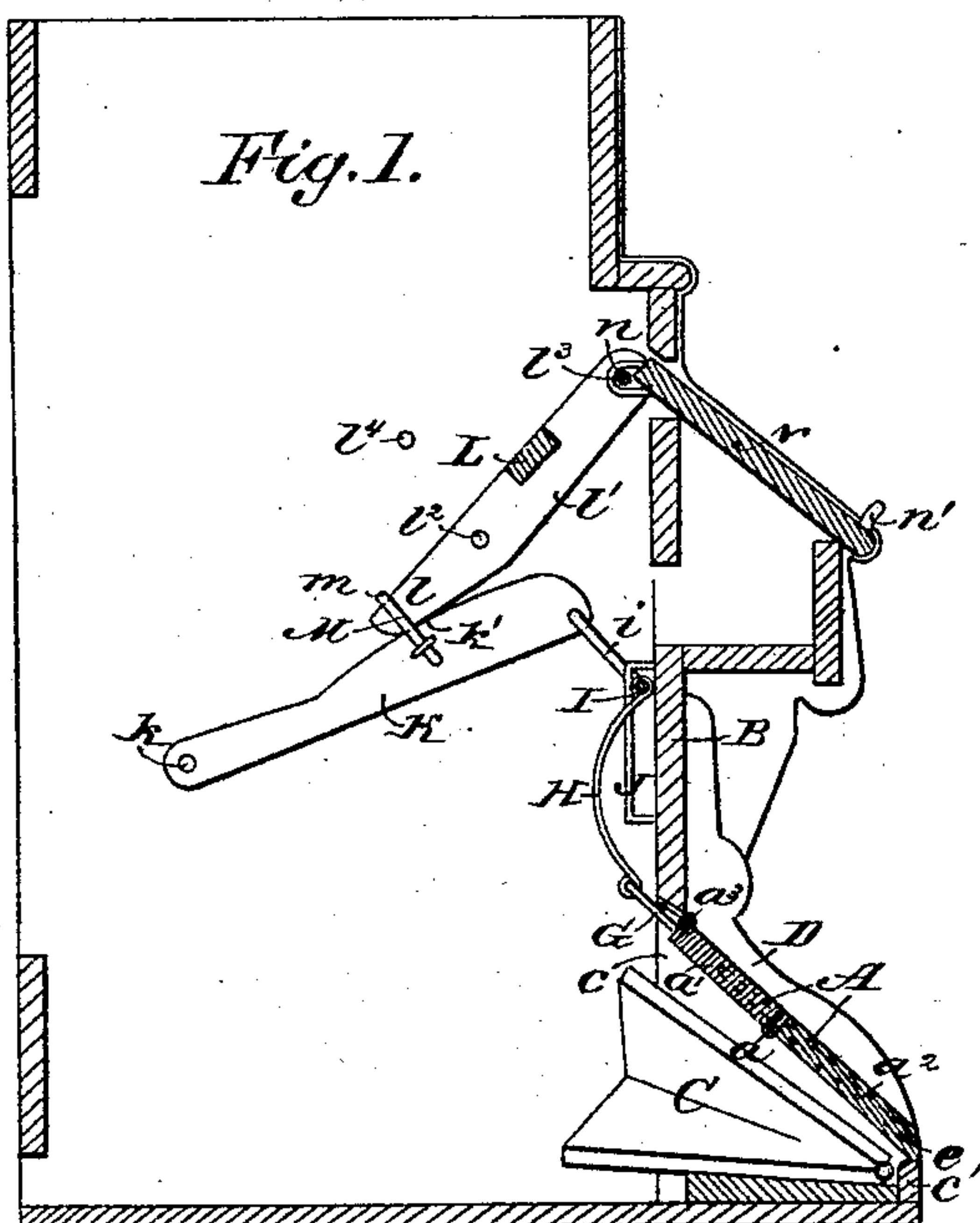
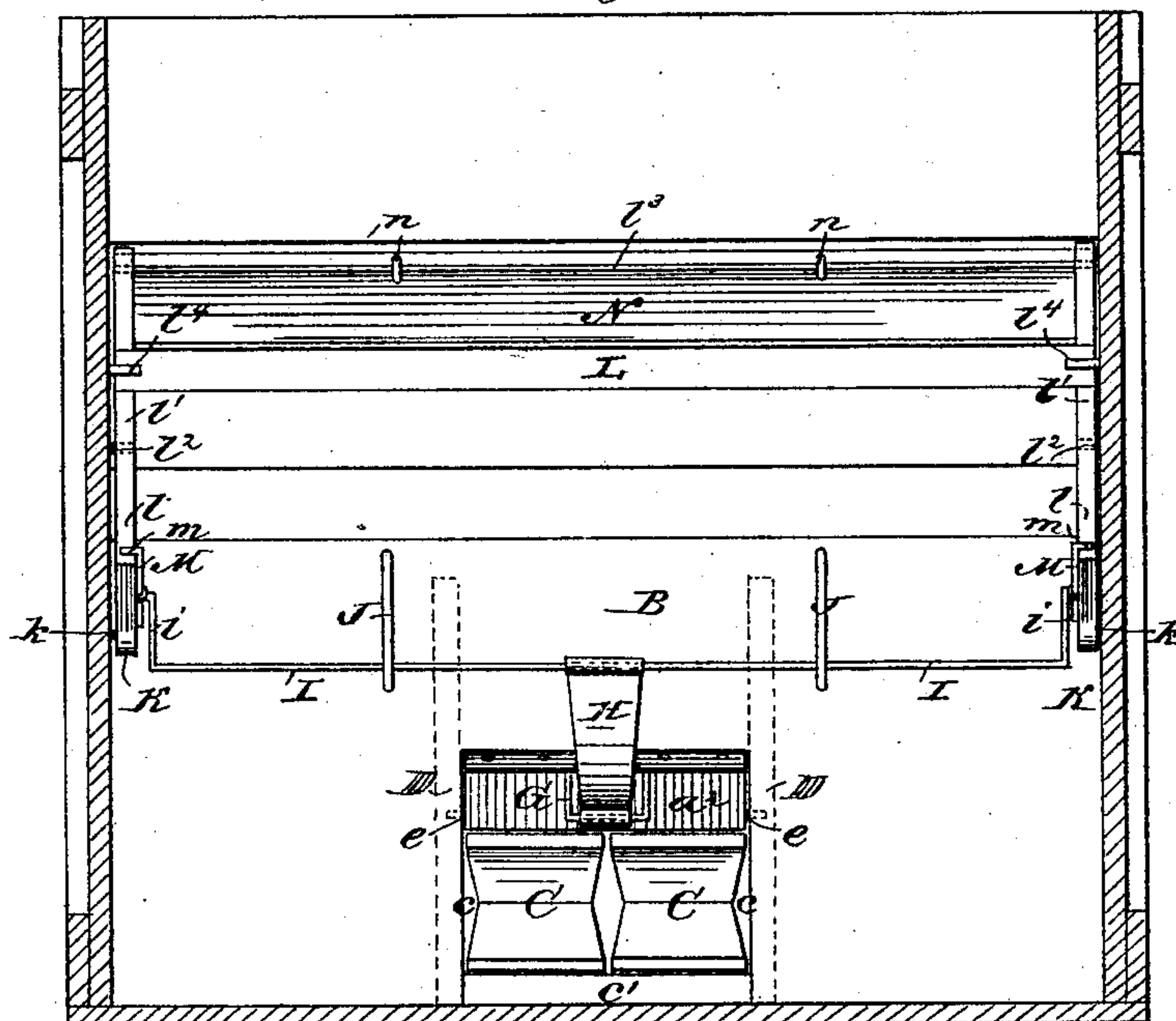


Fig. 3.



WITNESSES:

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JAMES S. FOLEY, OF CHICAGO, ILLINOIS.

PEDAL-COVER FOR ORGANS.

SPECIFICATION forming part of Letters Patent No. 362,266, dated May 3, 1887.

Application filed October 3, 1885. Serial No. 178,903. (No model.)

To all whom it may concern:

Be it known that I, JAMES S. FOLEY, of Chicago, in the county of Cook and State of Illinois, have invented a new and Improved Pedal-Cover for Organs, of which the following is a full, clear, and exact description.

My invention relates to covers for the pedal-openings of the cases of reed or chapel organs, and has for its object to provide a simple, inexpensive, and easily-operated cover adapted to close said case-openings to exclude dust from the reeds or interior parts and to prevent entrance of mice or insects to the interior of the organ-case, and thus avoid injury by them to the bellows or other parts of the instrument.

The invention consists in certain novel constructions and arrangements of a hinged folding cover adapted to close the case-opening over the pedals, and in constructions and combinations of parts of mechanism connecting the pedal-cover with the fall-board or key-board cover of the instrument, whereby the fall-board and pedal-cover will be opened or closed simultaneously, all as hereinafter fully described and claimed.

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.

Figure 1 is a vertical cross-sectional elevation of a reed-organ case and shows my improved pedal-cover applied thereto and closed, and shows also the devices for operating the cover from the fall-board of the instrument.

Fig. 2 is a like view, but shows the pedal-cover and fall-board open; and Fig. 3 is a rear sectional elevation of the instrument-case with the pedal-cover and fall-board open.

The letter A indicates the pedal-cover, which consists of two parts or sections, a' a'' , hinged together by hinges a , the upper cover-section, a' , being hinged to the front B of the instrument-case at a^3 , just over the case-opening c , in which the pedals C C are arranged, and so that the cover A may be folded down between the case-brackets D D at opposite ends of the case-opening c , to cover the pedals C C and close said opening c , as shown in Fig. 1, to exclude dust and mice or insects from the interior of the instrument, and so as to allow the cover to be folded upward or opened, as in

Figs. 2 and 3, to allow the pedals to be operated.

The part a'' of the pedal-cover A is provided at each end, next its lower edge, with a pin, e , which slides in a slot, E, formed in the inner face of the adjacent bracket D, and whereby the lower part of the folding cover A is guided so as to open without noise or shock, and so as to be held out of contact with the pedals and so as to close properly against the strips c' at the lower side of the opening c for the pedals. The pedal-cover A thus arranged may be operated by hand, and any suitable device may be provided to hold it raised or open; but my invention comprises also means whereby the cover A may be operated automatically by and from the fall-board or key-board cover of the instrument, and as next described.

To the edge of the part a' of the cover A, next the hinges a^3 , is fixed the bent wire or rod-yoke G, to which is pivoted one end of a link-plate, H, the other end of which is pivoted on a shaft, I, which ranges along the inner side of the front of the instrument-case, and is held thereto loosely and so as to have free vertical movement by means of the vertically-elongated eye straps or loops J J, fixed to the case, and as clearly shown in the drawings.

The opposite ends of the shaft I are bent to form crank-arms i i , which connect pivotally with the forward ends of levers K K, which are pivoted at k k at their back ends to the opposite ends of the organ-case. The upper edges of these levers K K at their forward parts are preferably formed with an upward incline, as at k' , to form a cam-like face, against which the downwardly-extending toe l of the adjacent side bar, l' , of the face-board - operating frame L is adapted to act for folding the pedal-cover A; and to the levers K K are fixed, respectively, the hooks M M, which have out-turned ends m m , beneath which the toes l of the opposite bars l' of frame L are adapted to act for unfolding or closing the pedal-cover A.

The frame L is pivoted to the ends of the organ-case by pins l^2 , passing through the opposite side bars, l' , of the frame, and the fall-board or key-board cover N is loosely or pivotally connected to the frame L, say, by means of a rod, l^3 , on frame L, entering eyes n , fixed

to the back edge of the fall-board, which latter has a suitable knob or pull, n' , by which to operate it.

It is evident that when the fall-board N is pulled forward to cover the key-board of the instrument the frame L will be swung on its pivot l^2 , and the toes l of the frame side bars, l' , will draw upward on the hooks M and swing the levers K upward, and draw the shaft I with it, and raise the link-plate H and swing the yoke G backward and upward for causing the hinged cover A to fold flat and downward to cover the pedals, as in Fig. 1, and when the fall-board N is pushed back or opened the toes l of frame L will press the levers K downward to lower shaft I and link-plate H, and swing the yoke G downward and forward for swinging and folding the cover A to uncover the pedals, as in Figs. 2 and 3.

All parts of the improvement are simple and inexpensive, and require little space in the organ-case, and the improvement may be applied to new or old instruments.

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

1. A pedal-cover for organs, consisting of a cover formed of two sections hinged together, the upper section being hinged to the organ-case front and the lower section being provided with guide-pins moving in guide-slots at the sides of the pedal-opening, substantially as herein set forth.

2. The combination, with the organ-case

front B, having brackets D, provided with slots E at the sides of the pedal-opening, of the pedal-cover A, formed of two sections, a' a^2 , hinged together and to the case-front, and provided with the guide-pins e at the lower corners of the section a^2 , substantially as herein set forth.

3. The combination, with the fall-board or cover N and the hinged pedal-cover A, having yoke G, and the frame L, having toes l , of the cranked rod I, levers K, and hooks M, substantially as herein set forth.

4. The combination, with the fall-board or cover N and a pedal-cover hinged at the top of the pedal-opening and adapted to fold upward at the front of the organ-case and provided with a yoke or arm, G, and the frame L, having toes l , substantially as specified, of the link H, cranked rod I, levers K, and hooks M, substantially as herein set forth.

5. The combination, in a pedal-cover for organs, of the cover A, formed of two sections, a' a^2 , hinged together and to the organ-case front, and provided with guide-pins e , running in slots E of the case, a yoke or arm, G, fixed to cover A, a link, H, cranked rod I, guides J, levers K, hooks M on said levers, and levers L, having toes l , acting on levers K and connected to the fall-board cover N of the instrument, substantially as herein set forth.

JAMES S. FOLEY.

Witnesses:

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