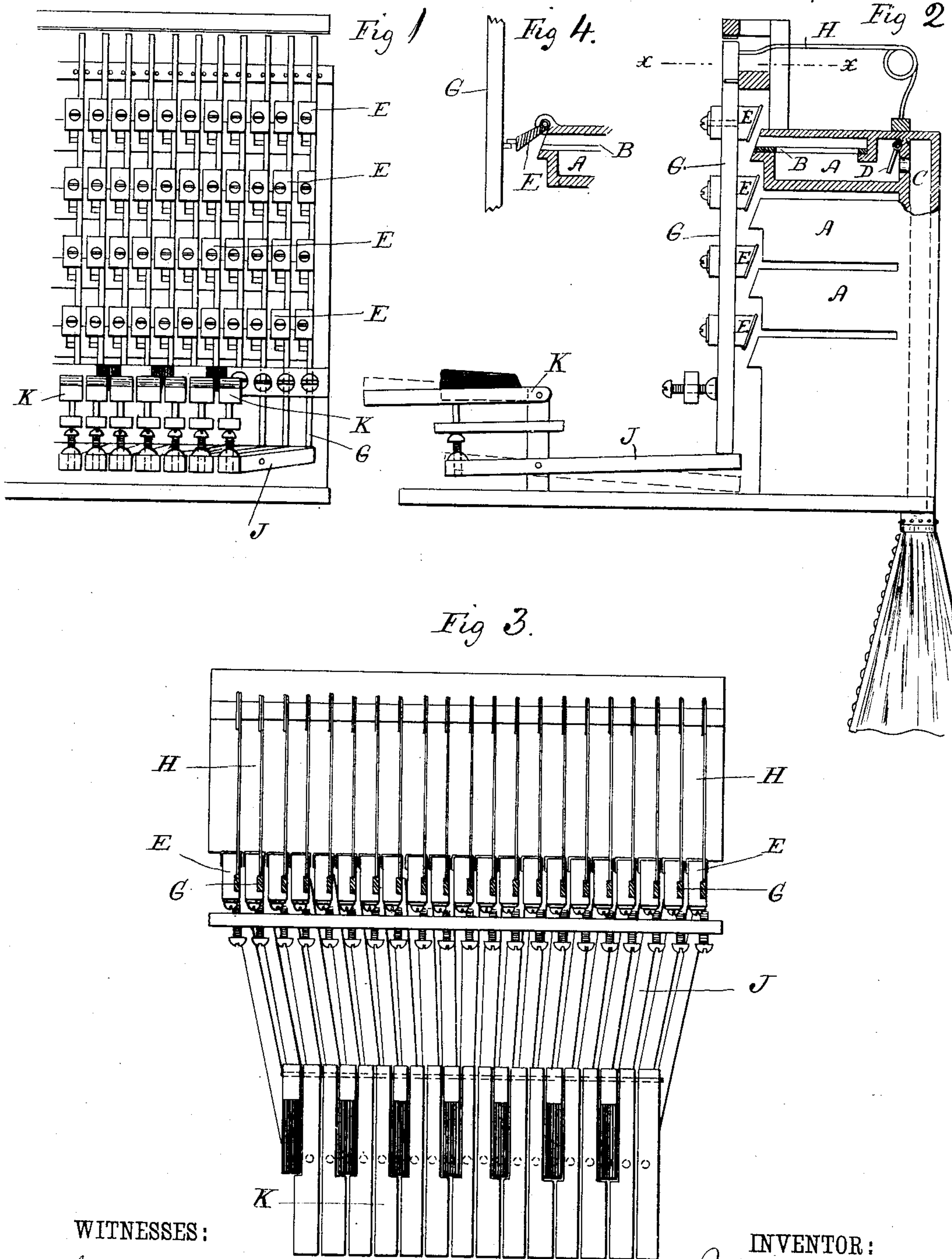


(No Model.)

J. PELOUBET.  
ORGAN ACTION.

No. 329,674.

Patented Nov. 3, 1885.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

JARVIS PELOUBET, OF BLOOMFIELD, NEW JERSEY.

## ORGAN-ACTION.

SPECIFICATION forming part of Letters Patent No. 329,674, dated November 3, 1885.

Application filed October 2, 1884. Serial No. 144,541. (No model.)

*To all whom it may concern:*

Be it known that I, JARVIS PELOUBET, of Bloomfield, Essex county, New Jersey, have invented a new and useful Improvement in Reed-Organs, of which the following is a full, clear, and exact description.

The object of my invention is to provide certain new and useful improvements in the pallets of reed-organs and the devices for actuating them.

The invention consists, in connection with the reed-chambers, of the valves and a rod for actuating such valves and movable in line with its length.

It consists, further, in certain novel constructions, combinations, and arrangements of parts, as will be hereinafter 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 front elevation of a series of pallets and the devices for operating them. Fig. 2 is a cross-sectional view of the same. Fig. 3 is a sectional plan view on the line *x x*, Fig. 2. Fig. 4 shows a modified construction of the pallet.

The reed-cells A, containing the reeds B, are in communication with the wind-chest C, which communication may be regulated by a valve, D, all in the usual manner. The outer end of each reed-cell A is beveled outward and downward, and a pallet, E, having the same bevel as the end of the cell A, is adapted to close said cell. When the pallet is raised, the end of the cell is open; but when the pallet drops and rests on the beveled end of the cell the said cell is closed. A series of pallets of reed-cells arranged above each other are held adjustably on an upright rod, G, adapted to slide vertically, and held by suitable guides. A spring, H, of some suitable construction, acts on the rod G and presses the same downward, thus pressing all the pallets against the ends of their corresponding

reed-cells, which are thus closed. The rods G rest on the inner ends of levers J, the front ends of which are below the keys K. By depressing the keys the inner ends of the levers J are raised, the rods G and the pallet E are also raised, and the reed-cells thus opened. As the several vertical rows of reed cells occupy more space than the keys, the levers J must be inclined laterally from the middle toward both sides, as shown in Fig. 3. As the pallets are above the reeds when raised, the reeds can easily be withdrawn for tuning them. If desired, the pallets may be hinged to the top of the outer end of the reed-cell, as shown in Fig. 4, the rod G having pins or projections adapted to engage projections on the free ends of the pallets for raising them. As the pallets are made adjustable on the rods G, they can be set to fit well and closely on the ends of the cells.

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

1. The combination, with a series of reed-cells having their ends beveled, of a vertically-movable bar, and a series of pallets held adjustably on the said bar, one pallet at the beveled end of each reed-cell, which pallets have their ends beveled to fit the beveled ends of the reed-cells, substantially as herein shown and described.

2. The combination, with a series of reed-cells having beveled ends, of a vertically-movable bar in front of the beveled ends of the reed-cells, and as many pallets held on said bar as there are reed-cells, the inner ends of the pallets being beveled to fit against the beveled ends of the reed-cells, substantially as herein shown and described.

3. In a reed-organ, the combination, with a series of reed-cells, of pallets held to and adjustable longitudinally along a rod, substantially as herein shown and described.

JARVIS PELOUBET.

Witnesses:

HADLEY P. CADMUS,  
LOUIS G. PELOUBET.