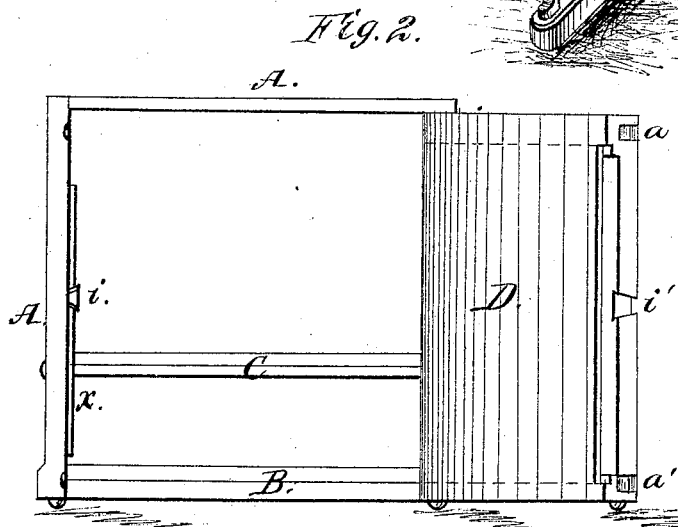
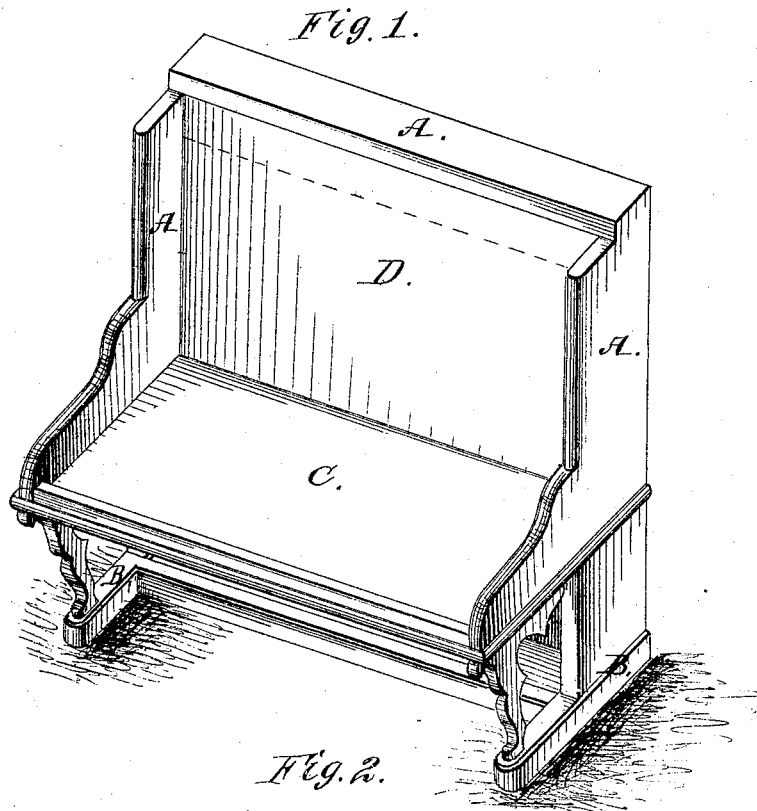


G. TRAYSER.
UPRIGHT PIANO.

No. 169,386.

Patented Nov. 2, 1875.



Witnesses:
W. J. Dennis
A. J. Clifford

Inventor,
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UNITED STATES PATENT OFFICE.

GEORGE TRAYSER, OF RICHMOND, INDIANA.

IMPROVEMENT IN UPRIGHT PIANOS.

Specification forming part of Letters Patent No. **169,386**, dated November 2, 1875; application filed August 18, 1875.

To all whom it may concern:

Be it known that I, GEORGE TRAYSER, of the city of Richmond, Wayne county, Indiana, have invented certain new and useful Improvements in Upright Pianos; and I hereby declare the following to be a full, clear, and exact description of the same, reference being had to the drawings which form a part of this specification, and to the letters of reference marked thereon, in which—

Figure 1 is a perspective view of the case or framing of my said improvement, and Fig. 2 is an elevation of the back or rear of the same swung back upon hinges.

The nature of my invention consists in constructing the rear portion of the frame of a piano, to which the strings and sounding-board are attached, in the form of a door provided with hinges, so that it may readily be opened for repairs or adjustment.

In addition to the advantages which accrue from this arrangement, there is another of equal importance. This door or swinging back, to which is attached the metallic frame, sounding-board, strings, and other matters therewith connected, can be readily detached from the balance of the framing and be removed from room to room or from floor to floor through ordinary-sized doors, halls, or stair-cases.

To enable those skilled in the art to make and use my said improvement, I will proceed to describe the same.

In Fig. 1, A represents the framing or case

of a piano. B is the base of the frame. C is platform for the key-board, and D is the inner surface of the rear portion of the case.

In Fig. 2, this rear portion D is shown opened or thrown back by means of hinges, so as to allow of easy access to the strings and pins, to facilitate tuning or repairing the instrument. *a* and *a'* are spring-catches, to retain the back in position when closed. *x* is a ledge or strip against which the back rests when closed. *i* is a projection which fits into a slot, *i'*, in the door, serving to retain the back in position.

By this arrangement a great advantage is attained in being able to detach the back by taking off the hinges and allowing an easy means of moving from place to place or from room to room.

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

1. The back D of an upright piano-forte, consisting essentially of the string-frame, wrest-plank, and sound-board, hinged to the framing or case A, substantially as and for the purposes described.

2. In combination with the subject-matter of the preceding clause of claim, the fastening devices *a a'*, *i i'*, and *x*, substantially as set forth.

GEO. TRAYSER.

Witnesses:

W. T. DENNIS,
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