

(No Model.)

D. McCARTHY & G. R. DAVIS.

PIANO.

No. 276,258.

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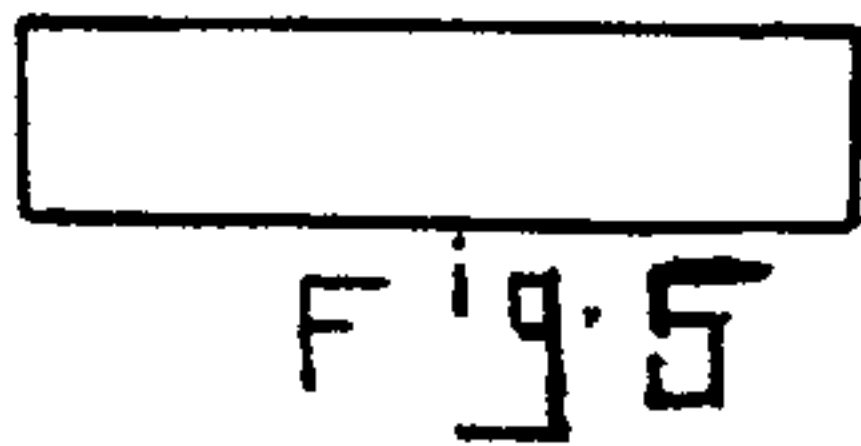


Fig. 1.

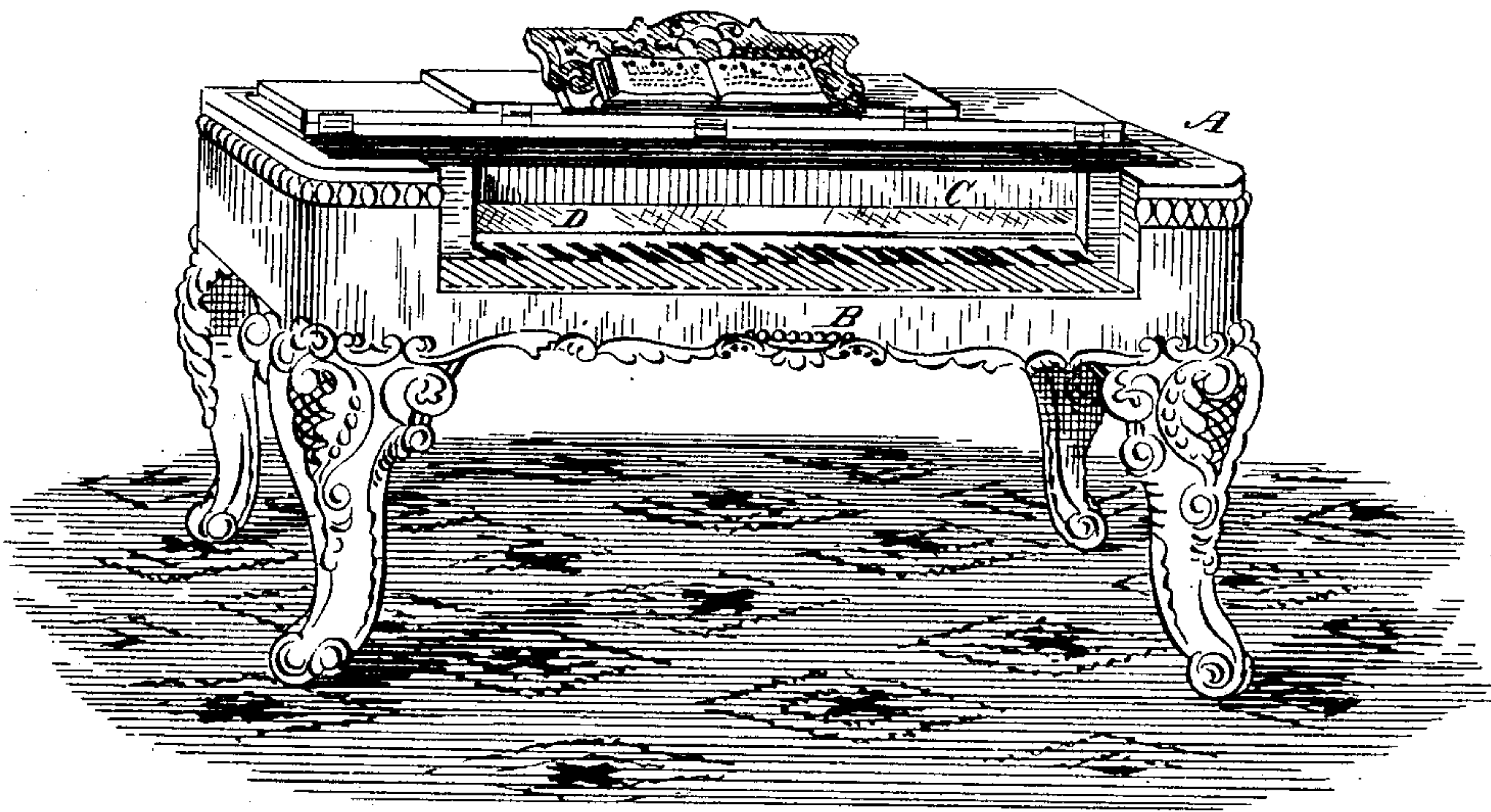


Fig. 2.

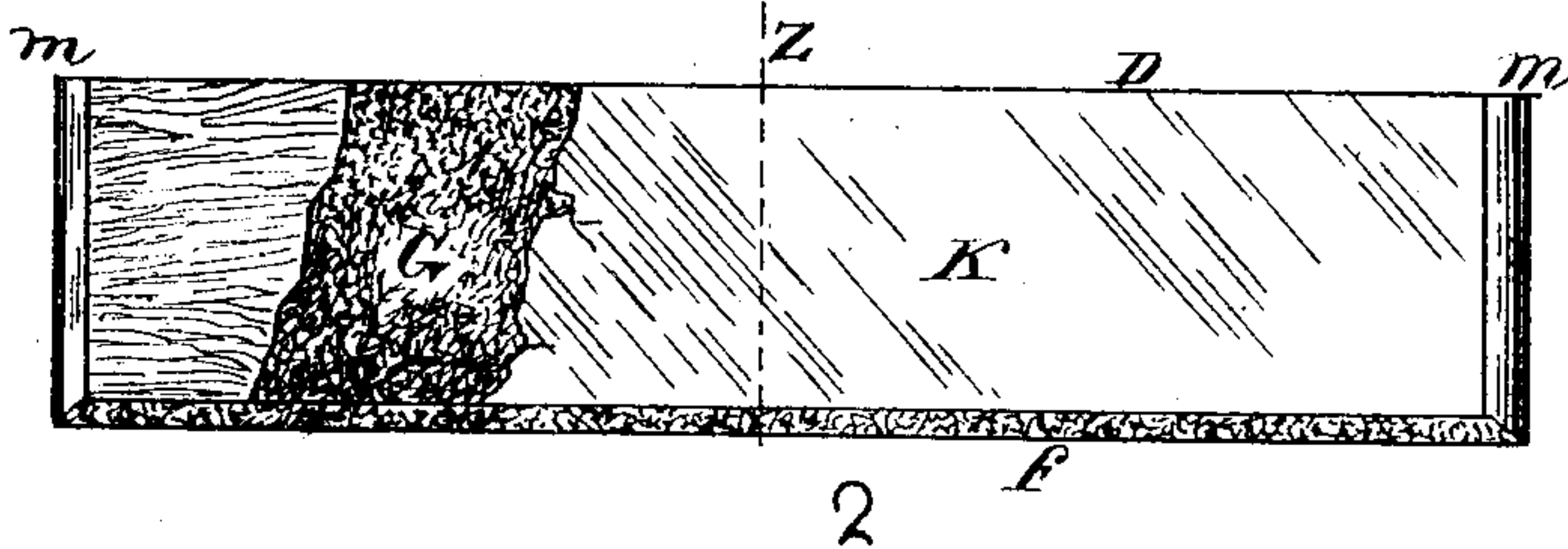


Fig. 3.

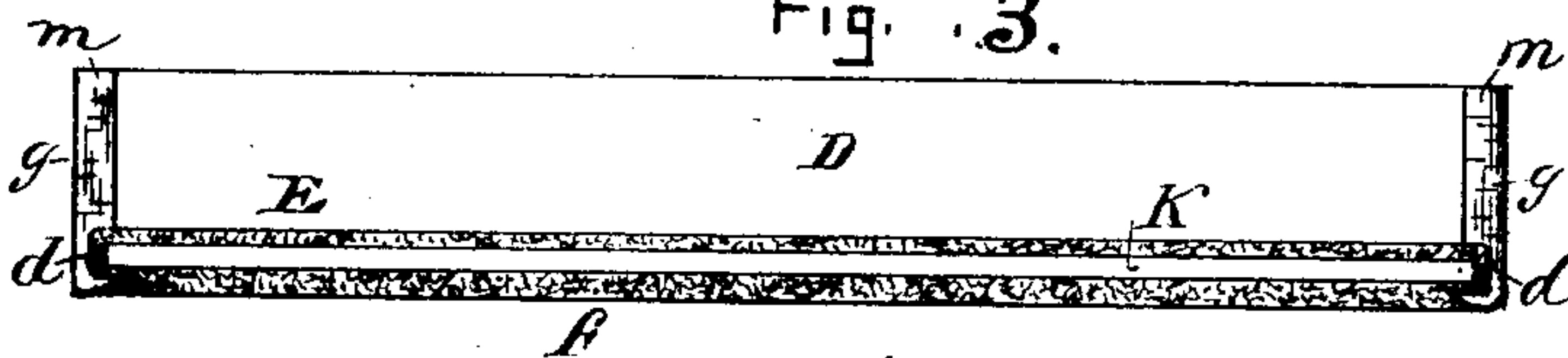
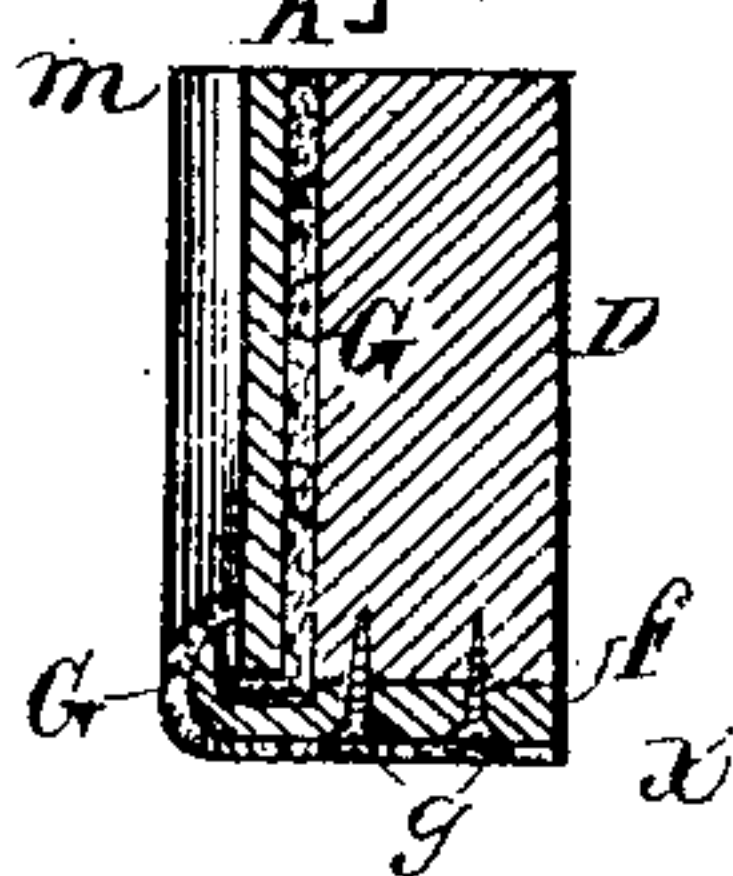


Fig. 4.



Witnesses:

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UNITED STATES PATENT OFFICE.

DENNIS McCARTHY AND GEORGE R. DAVIS, OF ST. JOHN, NEW BRUNSWICK,
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SPECIFICATION forming part of Letters Patent No. 276,258, dated April 24, 1883.

Application filed December 11, 1882. (No model.)

To all whom it may concern:

Be it known that we, DENNIS McCARTHY and GEORGE R. DAVIS, subjects of the Queen of Great Britain, residing in St. John, in the
5 county of St. John, Province of New Brunswick, Dominion of Canada, have invented a certain new and useful Improvement in Pianos, of which the following is a description sufficiently full, clear, and exact to enable any
10 person skilled in the art or science to which said invention appertains to make and use the same, reference being had to the accompanying drawings, forming a part of this specification, in which—

15 Figure 1 is an isometrical perspective view, showing a piano provided with our improvement; Fig. 2, a sectional front elevation of the finger-board; Fig. 3, a top plan view of the same; Fig. 4, a vertical transverse section
20 taken on line *z*, Fig. 2; and Fig. 5, a view showing a modification of our improvement.

Like letters of reference indicate corresponding parts in the different figures of the drawings.

25 The invention relates to finger-boards for pianos and other musical instruments provided with glass plates or mirrors.

The invention consists in the peculiar construction of the board, whereby it is adapted
30 to readily receive and retain the glass plate or mirror, said board being provided with a backing interposed between the board and the glass plate, all as hereinafter described.

35 In the drawings, A represents the case of the piano; B, the key-board or keys; C, the name-board, and D the finger-board.

40 The name-board is made of wood, in the usual manner, and is slightly thicker than the finger-board, being so constructed and arranged that when both are in position, as shown in Fig. 1, the name-board will project beyond the finger-board, thereby covering or concealing its upper edge.

45 The body of the finger-board is composed of wood and faced with glass or with the mirror K, the glass being held in position on the body by means of the rabbeted or grooved end pieces, *m m*, and bottom piece, *f*, which may be attached thereto by the screws *g g*, or
50 in any other convenient and proper manner.

A backing, G, consisting of cloth, velvet,

rubber, plush, or some analogous substance, is placed between the glass K and body D to prevent breakage. This backing is preferably glued or permanently attached to the
55 wood-work of the finger-board, and extends from the top of the same down into the groove or rabbet in the piece *f*, forming a lining for said groove, and thence outwardly over the front edge of said piece, and back under the
60 same to the rear of the finger-board, as seen at *x* in Fig. 4, thereby covering the bottom of the finger-board, and preventing the keys from making a noise as they rebound, or when accidentally brought into contact therewith.
65 The backing is cut slightly longer than the glass, or so as to pass across the ends of the same in the grooves of the end pieces, *m m*, thus furnishing an elastic packing for the same in said grooves, as shown at *d d*.
70

In constructing the finger-board the grooved or rabbeted ends *m m* and bottom *f* are first attached to the body D, and the backing G secured to the wood-work, as best seen in Fig. 4, after which the glass is inserted from the top
75 of the board, being readily slipped into the grooves in front of the body and backing, as shown in Fig. 2, and easily replaced when broken.

80 It will be obvious that the ends *m m* and bottom *f* may be formed integral with the body D, if preferred; also, that the backing and that part of the same extending under the bottom *f* may be made in two or more pieces, if desired.
85

What we claim as our invention is—

A front or finger board for pianos or other musical instruments, consisting of a body, D, grooved bottom and end strips *f* and *m m*, attached to said body and projecting in front
90 thereof, a cloth backing, G, covering the front face of said body, which also serves as a lining for the grooves of said strips and is extended to cover the outer surface of said bottom strip, and a glass plate resting in the
95 grooves of said strips, substantially as described.

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