

(No Model.)

S. G. CHICKERING.

MUSIC DESK FOR PIANOS AND ORGANS.

No. 332,326.

Patented Dec. 15, 1885.

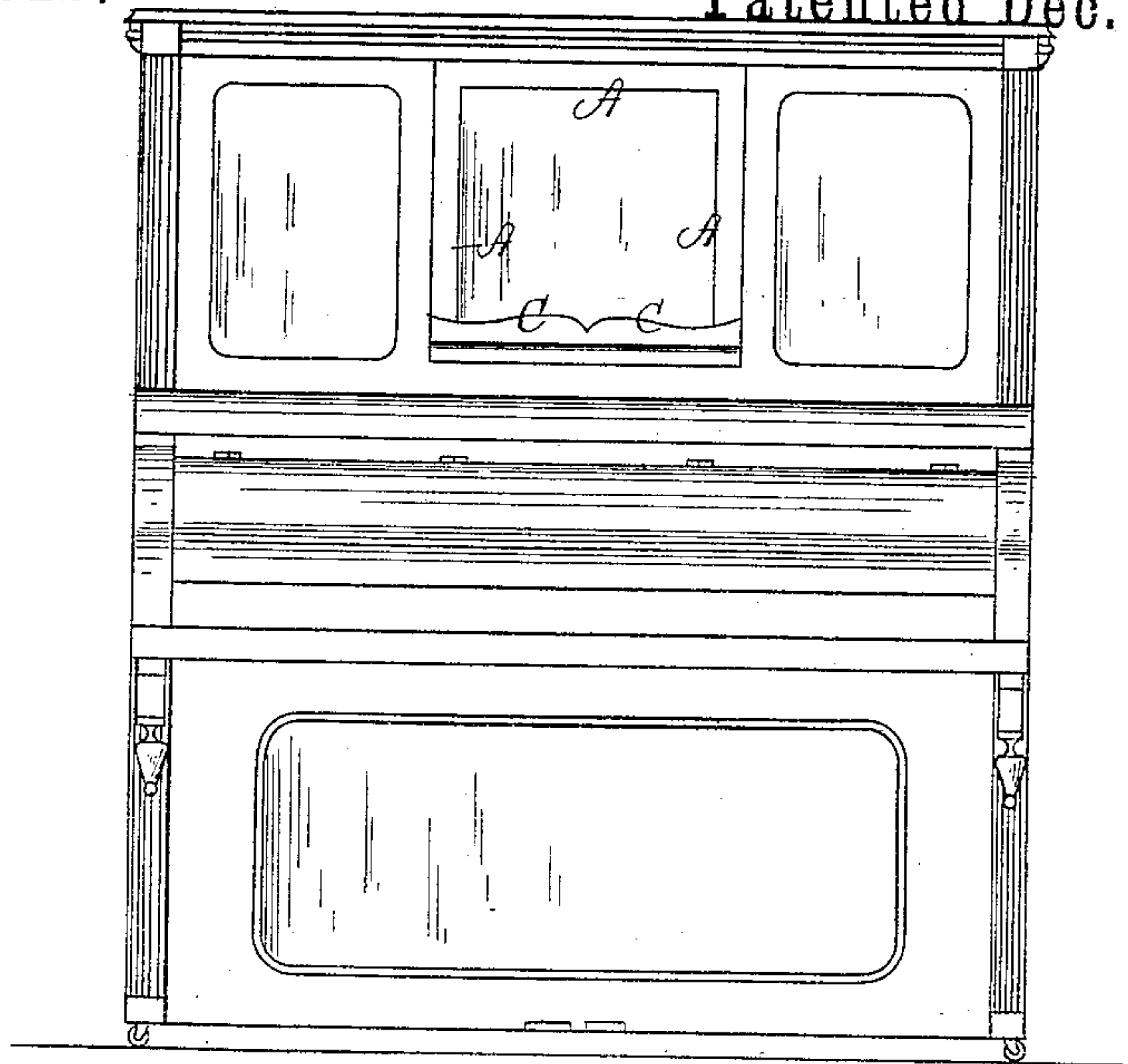


FIG. 1.

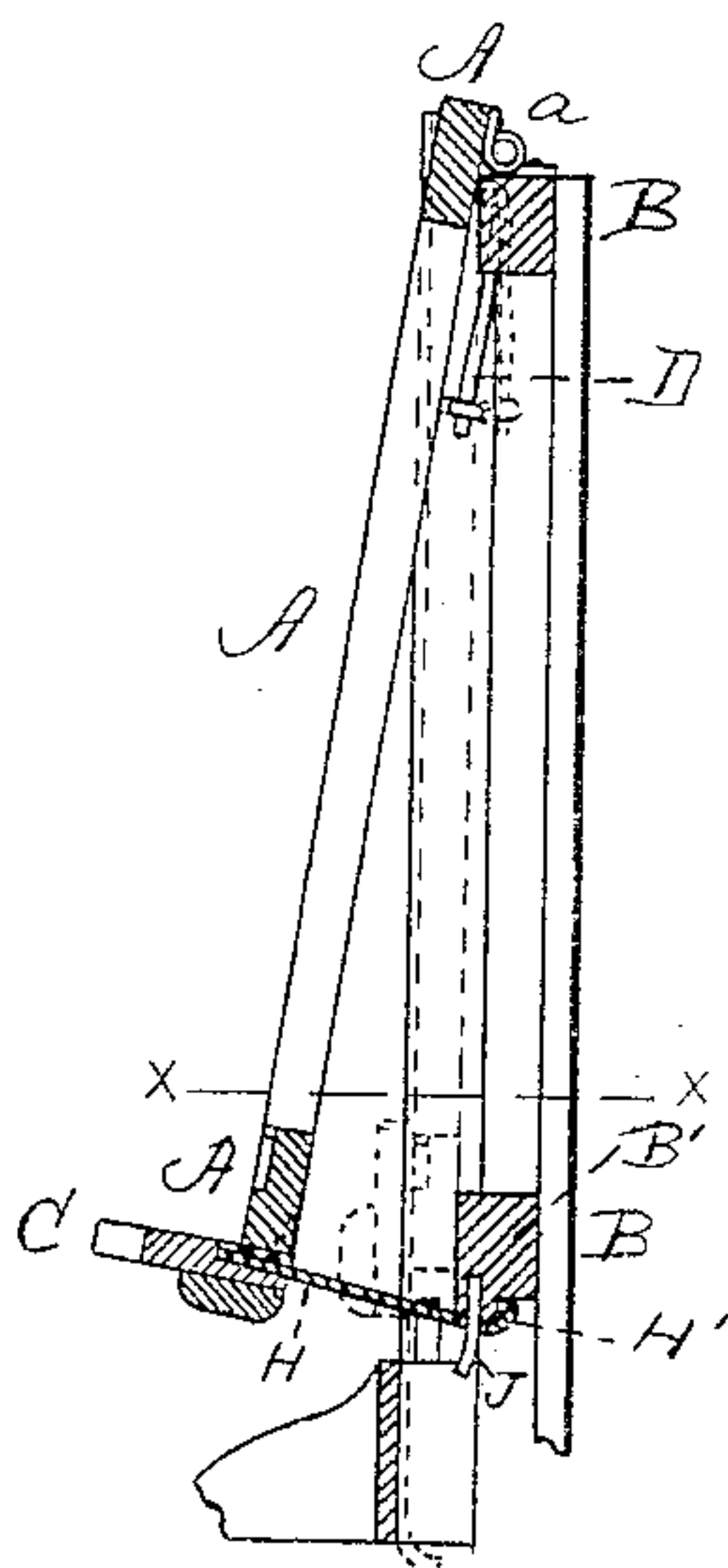


FIG. 2.

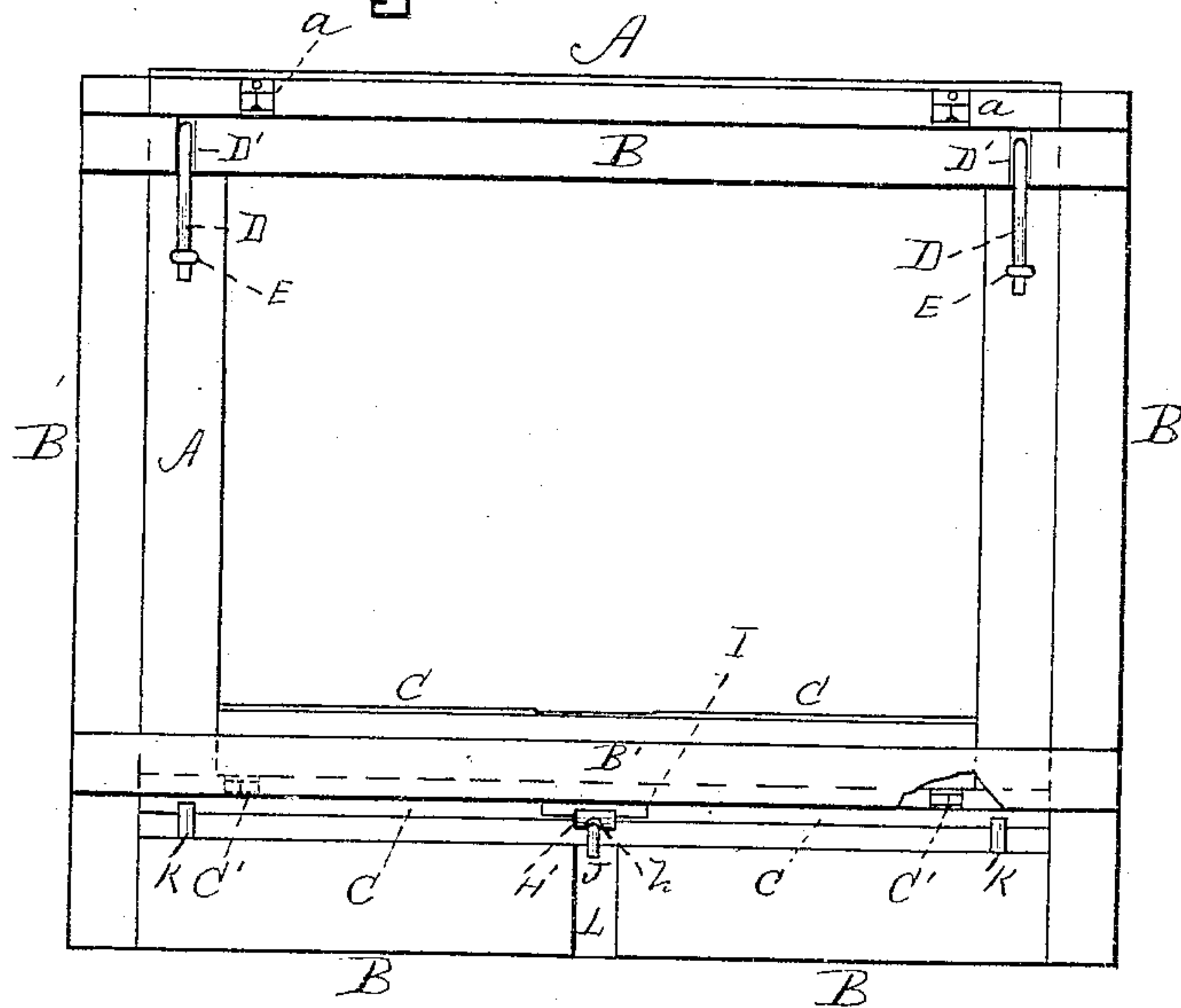


FIG. 3.

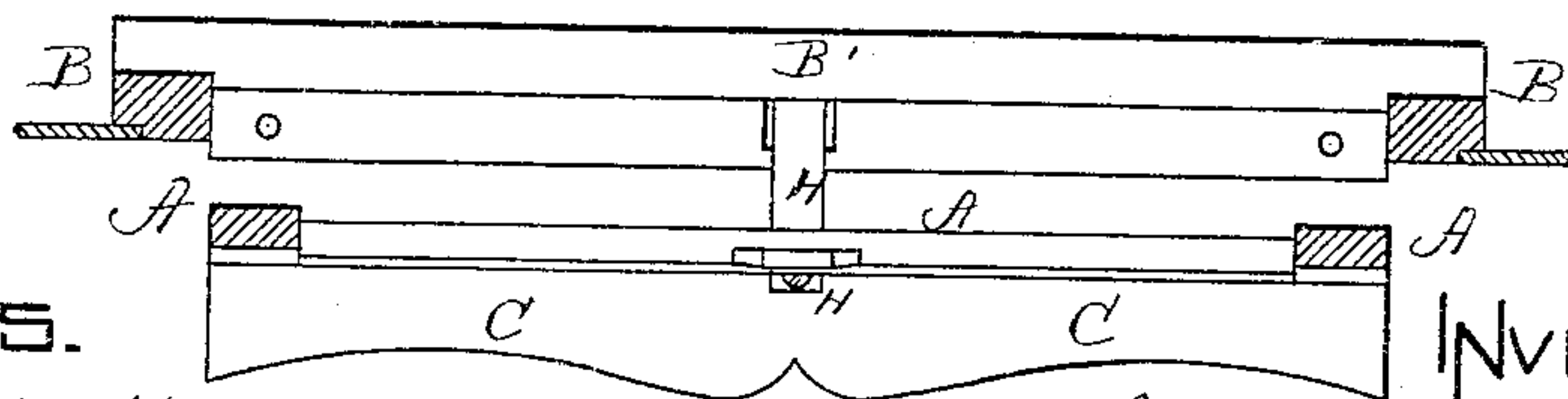


FIG. 4.

WITNESSES.

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# UNITED STATES PATENT OFFICE.

SAMUEL G. CHICKERING, OF BOSTON, MASSACHUSETTS.

## MUSIC-DESK FOR PIANOS AND ORGANS.

SPECIFICATION forming part of Letters Patent No. 332,326, dated December 15, 1885.

Application filed August 3, 1885. Serial No. 173,483. (No model.)

*To all whom it may concern:*

Be it known that I, SAMUEL G. CHICKERING, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Improvement in Desks for Pianos and Organs, of which the following is a specification.

In the accompanying drawings, in which similar letters of reference indicate like parts, Figure 1 is an elevation of an upright piano provided with my improved desk. Fig. 2 is a central vertical cross-section of the desk and adjacent parts. Fig. 3 is a rear elevation of the desk and the parts to which it is immediately secured. Fig. 4 is a horizontal section on line *x*, Fig. 2.

A represents the desk proper, hinged at *a* to the frame B, such frame being a part of the piano.

C is the fly, hinged at C' to the desk.

D D are springs secured in suitable grooves, D', in the rear side of the upper portion of the frame B, and extending down through the eyes E, secured to the rear side of the desk. The effect of the action of these springs is to keep the desk normally closed or swung back, as shown in Fig. 1.

H is a latch rigidly secured in the fly C and projecting rearward therefrom substantially on a line with the same. This latch is provided with a perforation, *h*, and a bend, H', at its free end.

I is a step secured to the under side of the cross-piece B', making a portion of the frame B, and J is a pin extending downward from said step.

K K are vertical posts or blocks secured to the upper side of the lower portion of the frame B, as shown. When the desk is open or swung forward, the latch H catches over the pin J, which extends through the perforation *h*

therein, and the bend H' fits against the step I. The said latch being rigid and on a line with the fly C, said fly is brought into a nearly horizontal position, or a position at about right angles with the desk, so as to act as a support for the music. The whole is held in the position shown in Fig. 2 by the aid of the springs D, which, however, are not new in this invention. To close the desk, all that is required is to lift slightly the fly C. This releases the latch H from its position on the pin J, and the springs D force the desk back against the frame B, and the posts K, which lie immediately beneath the body of the desk when closed, force the fly into a vertical position, provision being made for the latch H (which necessarily assumes a similar position) in the vertical groove L, made in the lower portion of the frame B, as shown in Fig. 3. It will thus be seen that the desk is firmly held either in an open position—*i. e.*, swung forward—or in a closed one—*i. e.*, swung back—and that in being changed from one position to another its operation is substantially automatic.

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

The hinged desk A, provided with the hinged fly C, and latch H, rigidly secured to said fly, in combination with the frame B, provided with the posts or blocks K, and a suitable device for engaging said latch, said desk being held normally closed or against the frame by means of suitable springs, substantially as and for the purpose set forth.

SAMUEL G. CHICKERING.

Witnesses:

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