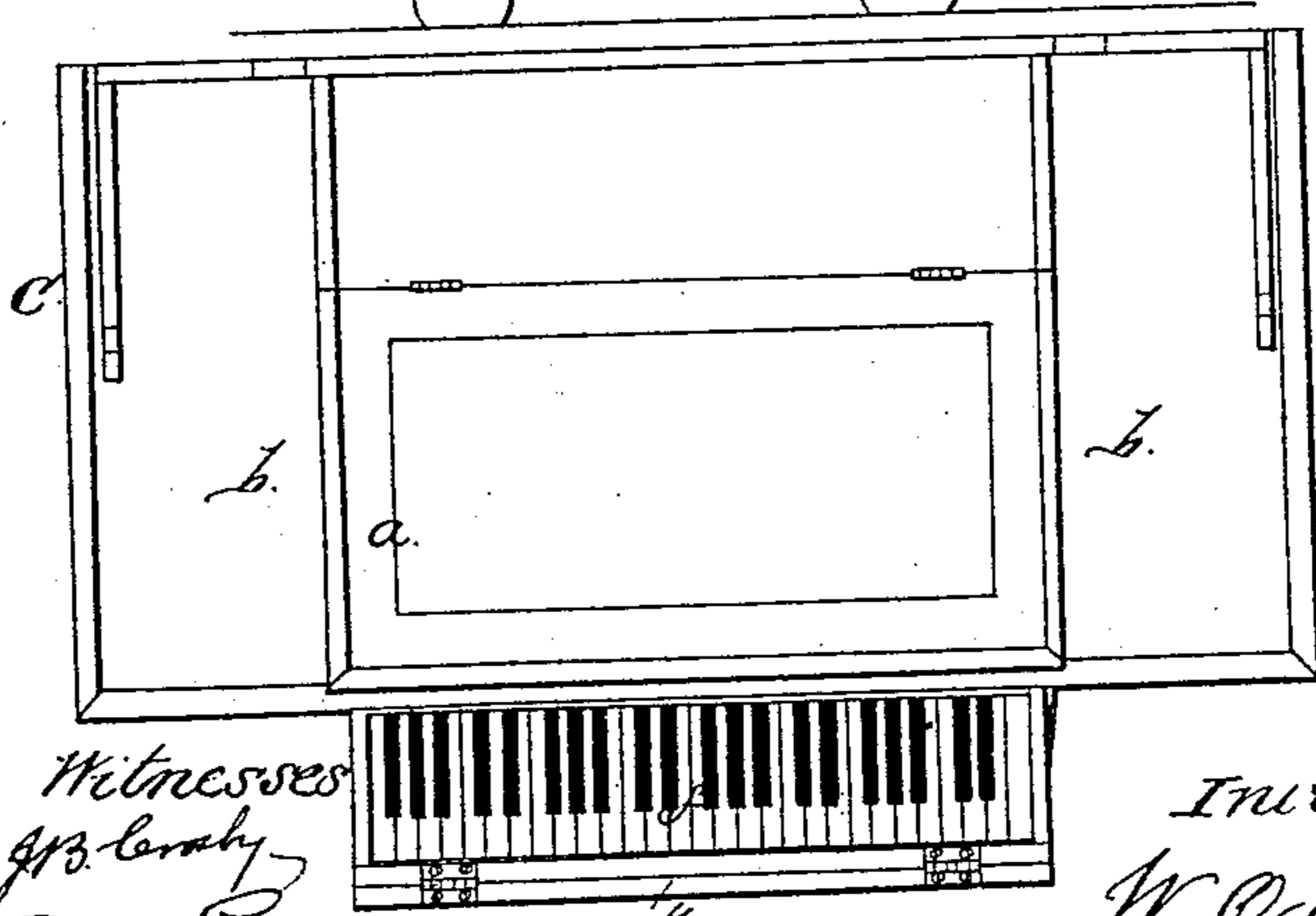
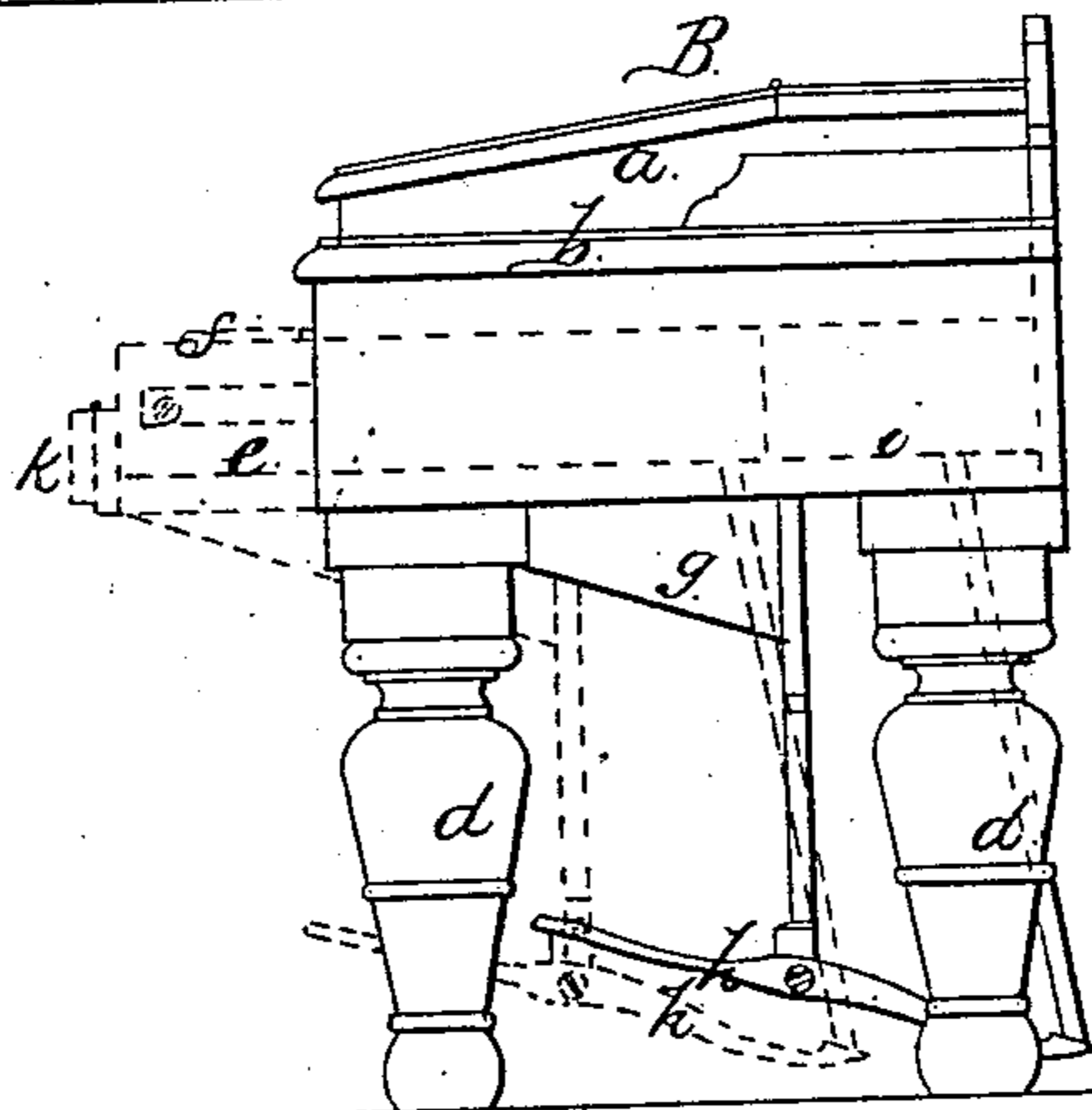
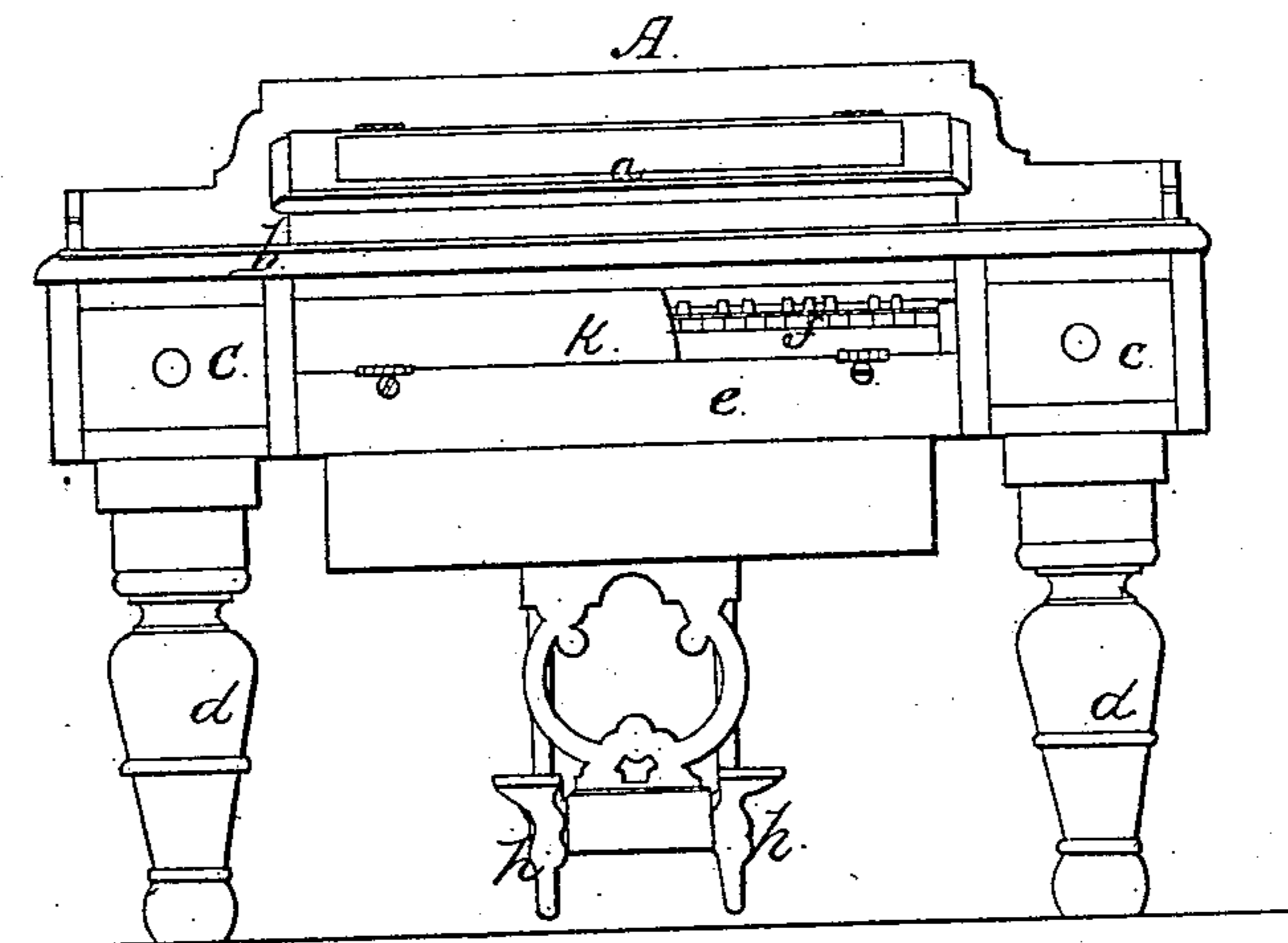


W. O. Trowbridge,
Organ Case,
N^o 83,008. Patented Oct. 13, 1868.



Witnesses
J. B. Crosby
Francis Gould

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W. O. TROWBRIDGE, OF NEWTON CORNER, ASSIGNOR TO "MASON AND HAMLIN ORGAN COMPANY," OF BOSTON, MASSACHUSETTS.

Letters Patent No. 83,008, dated October 13, 1868.

IMPROVED SCHOOL-DESK AND MUSICAL INSTRUMENT.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, W. O. TROWBRIDGE, of Newton Corner, in the county of Middlesex, and State of Massachusetts, have invented a Combined School-Desk and Keyed Musical Instrument; and I do hereby declare that the following, taken in connection with the drawings which accompany and form part of this specification, is a description of my invention sufficient to enable those skilled in the art to practise it.

In primary-school rooms, and in other small school-rooms occupied by but comparatively few scholars, it is generally impracticable to have a piano-forte, or other keyed musical instrument, on account of want of available room for such an instrument.

The teacher's desk, however, is an essential article in every such room, and my invention has reference to combining in one article the teacher's desk and a keyed musical instrument, without any particular change in the form of the desk, and without detracting from its drawer and desk-room.

My invention consists in combining, with an ordinary desk, the mechanism of a keyed musical instrument, the key-board, or bank of keys, being concealed from view when the desk is to be used as a desk, but being so arranged, and the desk so constructed, that the keys may be exposed to sight and touch, and may be brought into proper position for playing, whenever desirable.

The drawing represents a desk embodying my invention.

A, shows a front elevation.

B, an end view.

C, a plan of the same.

The desk is an ordinary school-desk, such as is used in many of the public schools in some parts of the country.

a denotes the desk proper, surmounting a table, *b*, beneath which are the drawers *c c*, the whole mounted on legs *d*. Between the drawers *c c*, is a case, *e*, containing strings or reeds, and having at its front a key-board supporting a bank of keys, *f*.

In the instrument here represented, *e* denotes a melodeon, or reed-containing case; *g* denotes the ex-

haust-bellows, and *h* the pedal for operating the same; the bellows, pedal, reeds, wind-chest, swell, and keys being the same in their construction and arrangement as in other instruments of this class.

The case *e* is shown as arranged to slide out and in upon ways *i*, it being ordinarily (or when the musical instrument is not in use) wholly under the desk; but the key-board and keys being projected to the front of the desk, (by drawing out the case,) when the musical instrument is to be used, the keys, when so projected, being in the most convenient position for a person sitting at the desk to play upon them.

At the front edge of the key-board is a hinged flap or let-down door *k*, which, when the case *e* is shoved in, is turned up, and closes the keys from sight, and which is turned down when the keys are drawn out. When the key-board is drawn out, it may be kept in position by a spring-catch, *l*.

It will thus be seen that the musical instrument is added to the desk without detracting from the utility, or from the style and form of the desk; that it occupies no room not occupied by a desk having no such addition; that the keys are as favorably disposed for playing as in an ordinary keyed musical instrument; and that an instrument can be furnished in this form at a much less cost than where it has to be encased in finished woods and mounted upon a finished frame, as in an ordinary instrument.

With such an arrangement, a teacher always has the musical instrument at her immediate command, without moving from her desk, and can thus instantly summon the aid of music for the recreation, diversion, or instruction of her scholars.

I claim, in combination with a desk, a keyed musical instrument, so arranged that its keys may be concealed from view, or may be brought into position for playing, substantially as set forth.

W. O. TROWBRIDGE.

Witnesses:

J. B. CROSBY,
FRANCIS GOULD.