

(No Model.)

F. F. FRANCESCHINI.

REED ORGAN.

No. 298,840.

Patented May 20, 1884.

Fig. 1.

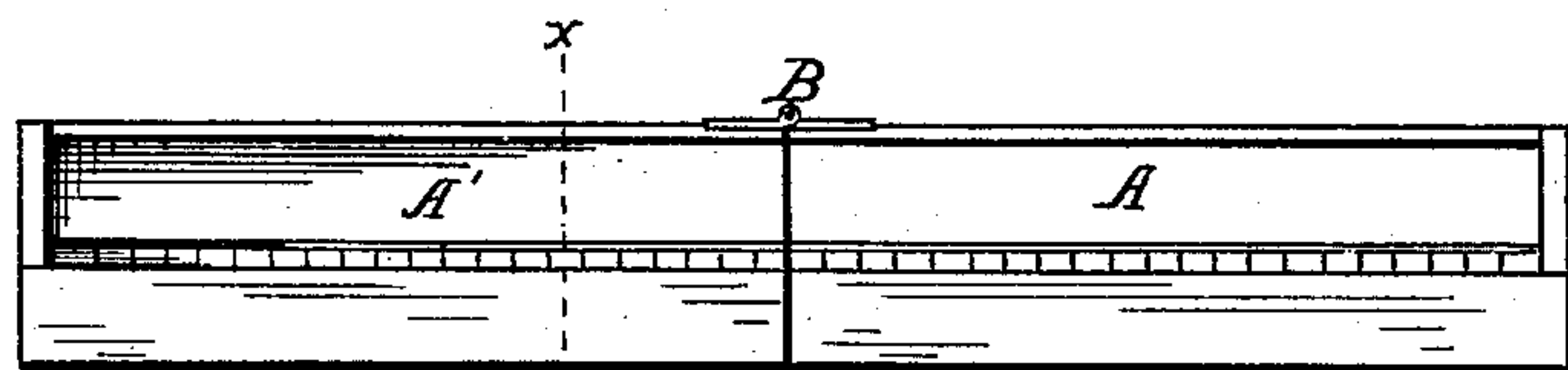


Fig. 2.

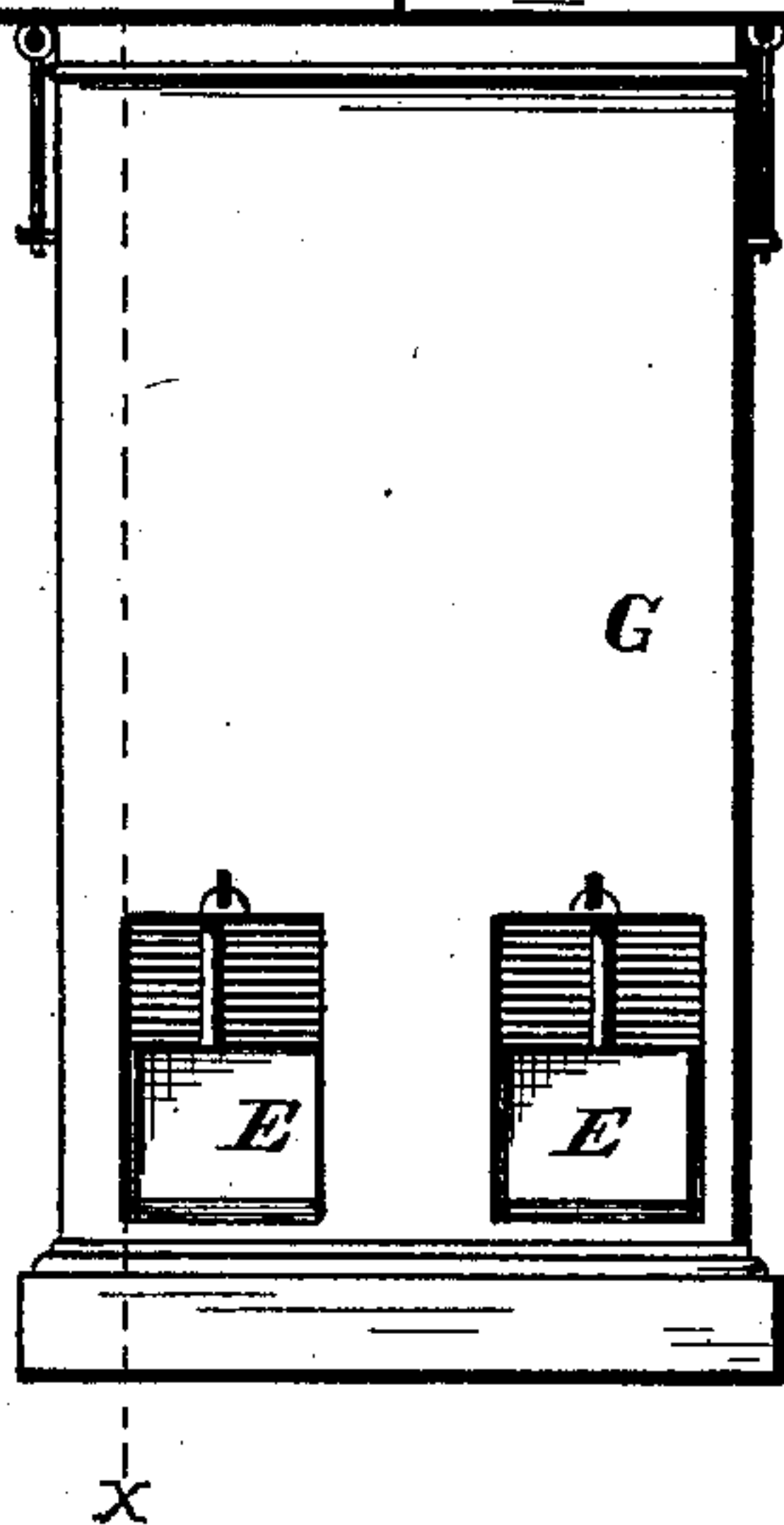
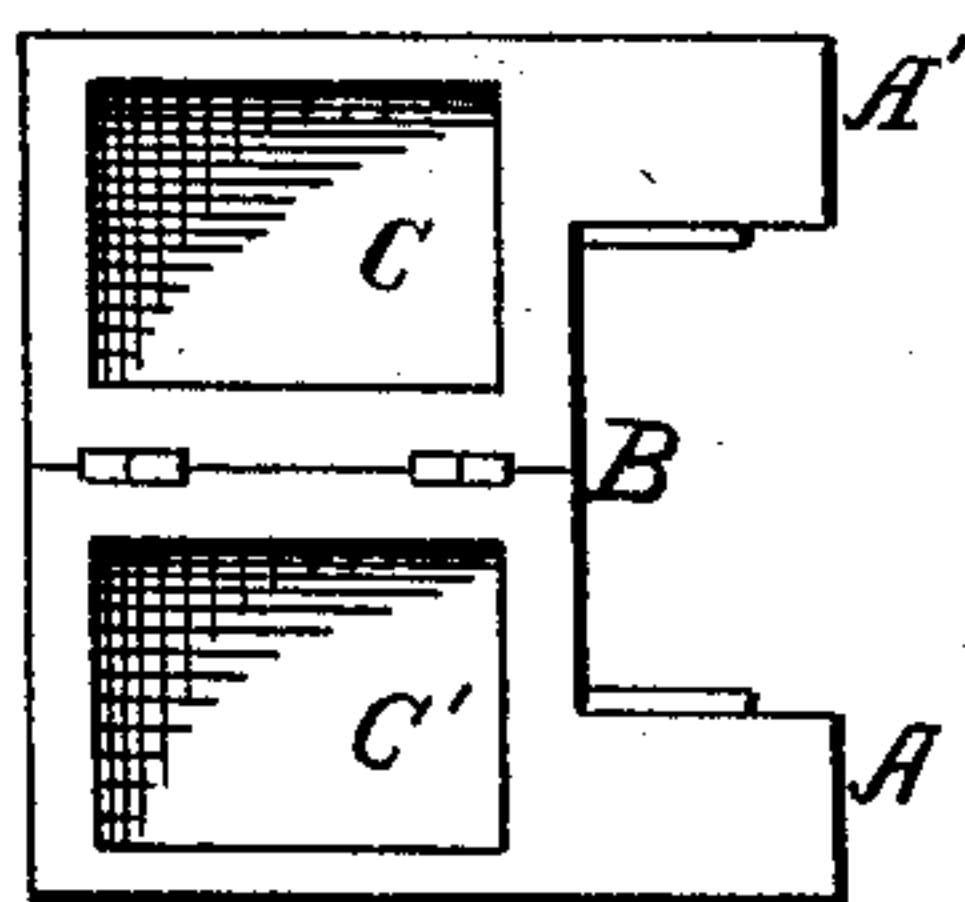


Fig. 3.

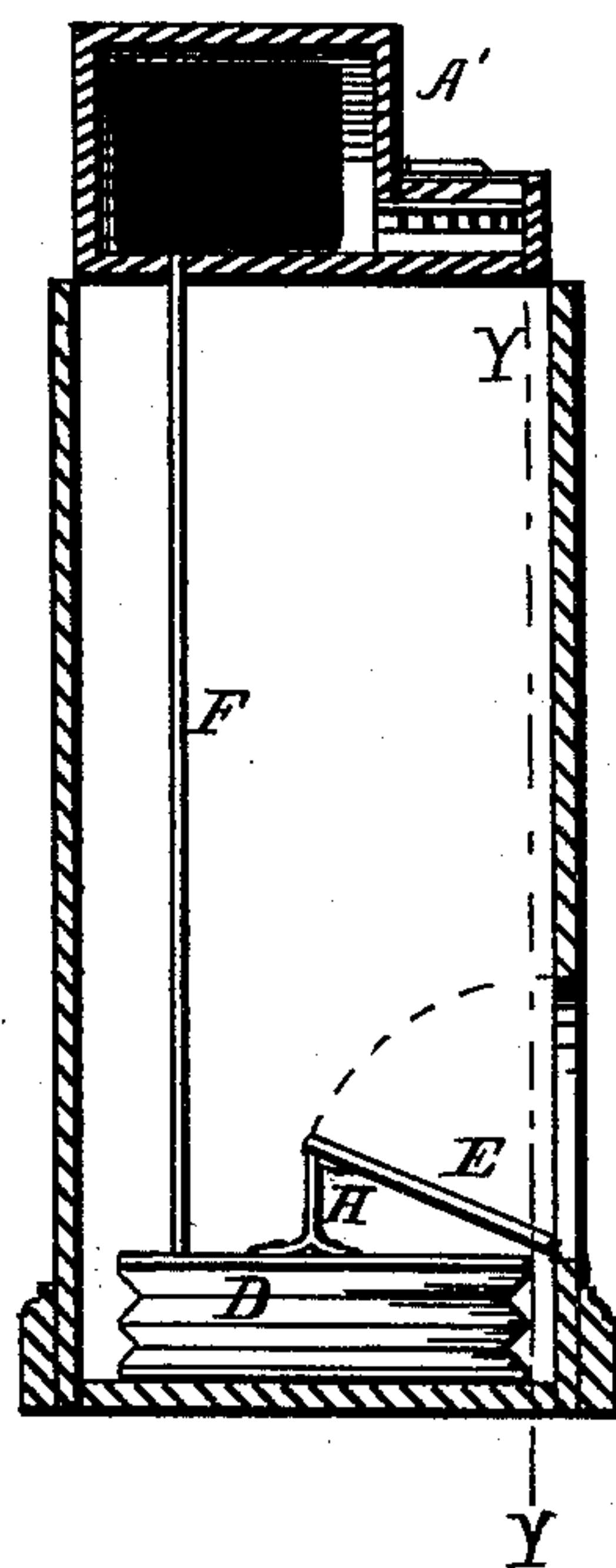
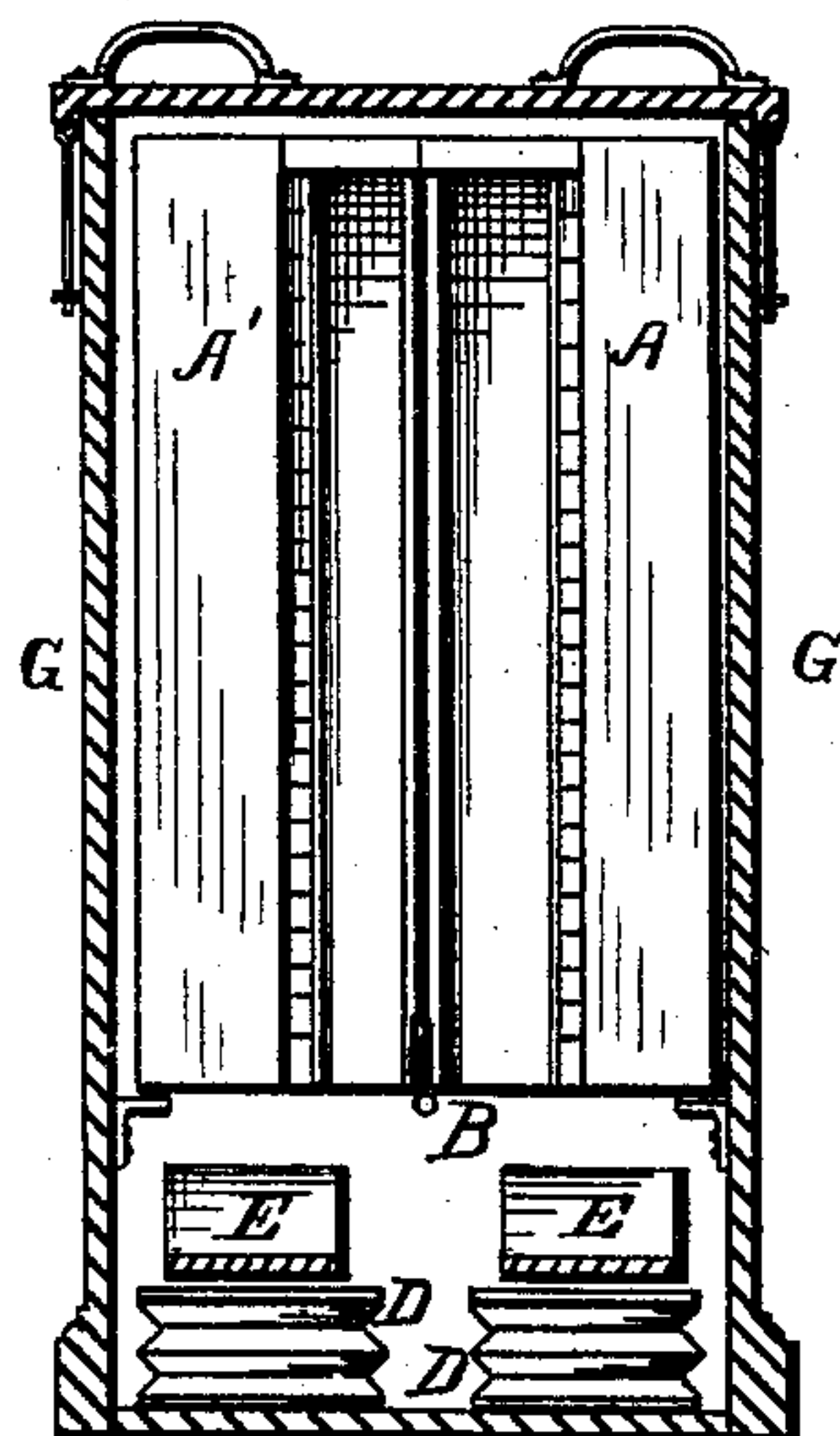


Fig. 4.



WITNESSES:

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FRANK F. FRANCESCHINI, OF PHILADELPHIA, PENNSYLVANIA.

REED-ORGAN.

SPECIFICATION forming part of Letters Patent No. 298,840, dated May 20, 1884.

Application filed May 16, 1883. (No model.)

To all whom it may concern:

Be it known that I, FRANK F. FRANCESCHINI, a citizen of the United States, and a resident of Philadelphia, Pennsylvania, have
5 invented a new and useful Improvement in
Organs and Melodeons; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being
10 had to the annexed drawings, making part hereof.

The nature of my invention will fully appear from the following description and claim.

It has for its object the production of a folding organ or melodeon, in several parts,
15 which, when doubled up, can be set in a box, and carried from place to place by hand in the same manner as a valise, and when open for use the organ or melodeon can be set upon this box, the latter forming a support for the
20 same when in use.

In the drawings, Figure 1 represents my device when in use; Fig. 2, an elevation of the contiguous ends of the folding parts when the latter are folded for transportation, also
25 showing the openings in said contiguous ends, which, when the instrument is unfolded, come opposite to each other, and permit the free passage of air from the bellows throughout the instrument; Fig. 3, a vertical cross-sectional view on line X X of Fig. 1 of my apparatus when set up, and Fig. 4 a longitudinal
30 vertical sectional view of the same on the line Y Y of Fig. 3 when folded for transportation.

35 A A' are the two folding parts of the instrument containing the key-board, reeds, &c.

B represents the hinged joint between the two folding parts.

40 C C', Fig. 2, are openings in the jointed ends of the two parts A A', which openings come opposite to each other, and form an air-passage, when the parts A A' are unfolded, as shown in Fig. 1.

45 D D are the bellows, E E the treadles, and F the pipe or air conduit conveying air from the bellows to the instrument A A'. The parts A A' constitute one instrument when set up as in Fig. 1.

50 G is the box in which the instrument when folded up is set, and which box forms the sup-

port or base of the instrument when the apparatus is set up as in Fig. 1.

H is a short standard or rod set upon the top of the bellows, and upon which the inner end of the treadle rests.

55 I confine myself to no particular form of treadle and bellows. Any of those well known in the art can be used. I wish it also to be understood that I do not claim any invention in the organ or melodeon as a musical
60 instrument. When set up as in Fig. 1, where I have shown two bellows, (see also Fig. 4,) two air-pipes, F, are used, one passing from each bellows into each of the parts A and A' above it. If no openings C C' are employed,
65 and each contiguous head or end of parts A and A' is closed, then the treadles would have to be worked together to sustain the air-pressure in the instrument; or, having the openings C C', only one bellows might be employed,
70 as the air would have free access to the whole instrument. The hinge B also might be substituted by hooks and staples, clamps, or bolts, which could be employed to hold the two
75 halves or parts together when the parts are in place, as in Fig. 1; or the two halves or parts might be joined end to end, as shown, and their weight alone relied upon to hold them in contact; but I always employ a fast-
80 ening, and generally a hinge as the most convenient and least troublesome. The treadles lie loosely upon standards H, so that when the apparatus is being transported they can be raised to close the side of the box and form
85 part of the same. (See curved dotted lines, Fig. 3.)

When not in use, the instrument is folded up, the air-pipes are removed, and the instrument is then placed in box G, as shown
90 in Fig. 4, resting below on slight projections in said box, to prevent its jamming down upon the bellows. The air-pipes are then put in beside it and the top of the box covered by a lid.

95 Handles upon the top or side, or straps, serve as means by which the box can be carried from place to place.

What I claim as new is—

100 An organ or similar musical instrument divided from front to back into separate parts

or sections A A', the sections being joined one to another by suitable connections B, and box G, containing the bellows, the pedals, and wind-pipe, said parts being combined and arranged so that when set up they constitute one instrument having a complete key-board, the box being adapted to receive the air-chest when the latter is folded up, substantially as described.

FRANK F. FRANCESCHINI.

Witnesses:

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GEORGE E. BUCKLEY.