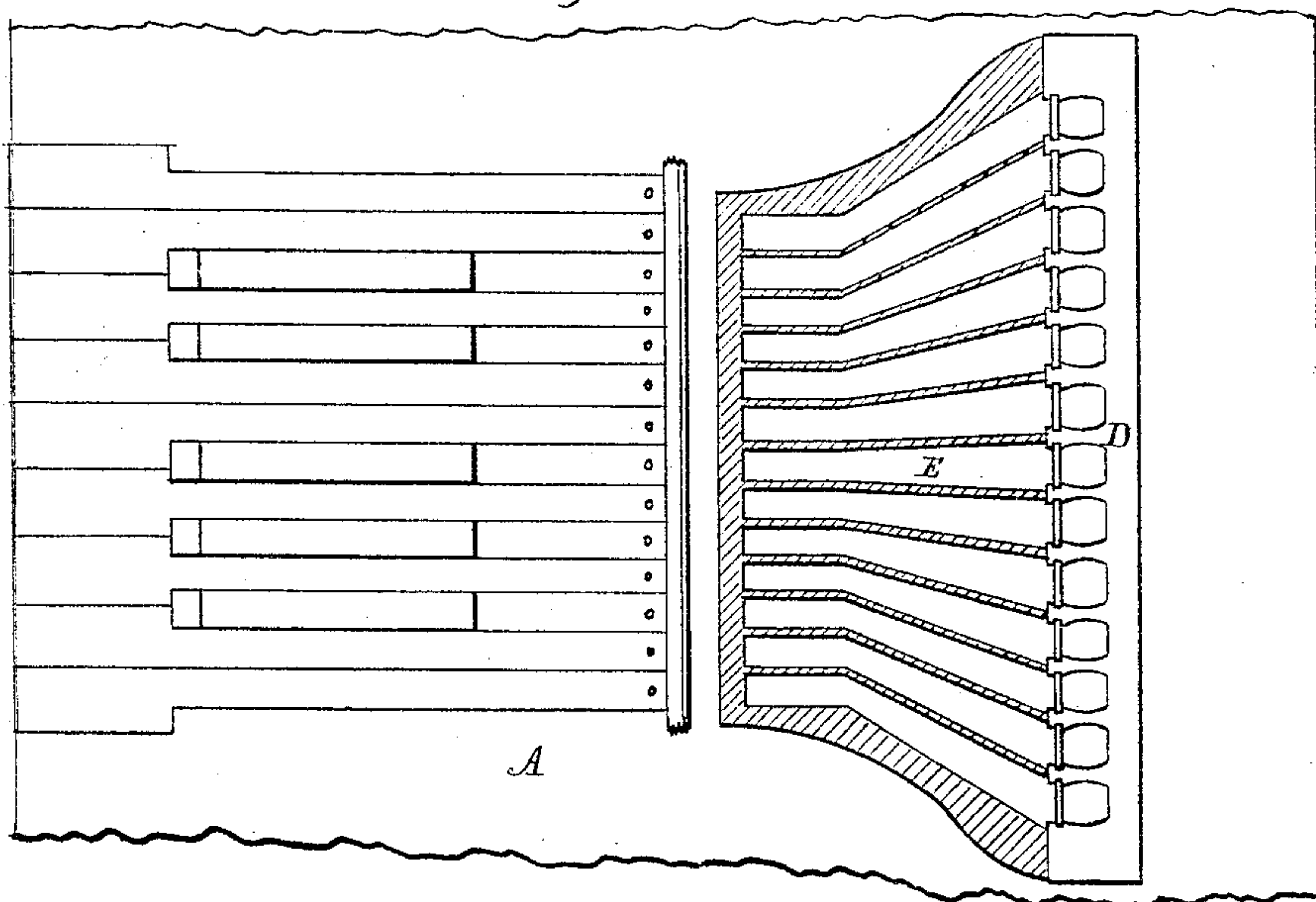


A. DREHER.  
Reed-Organs.

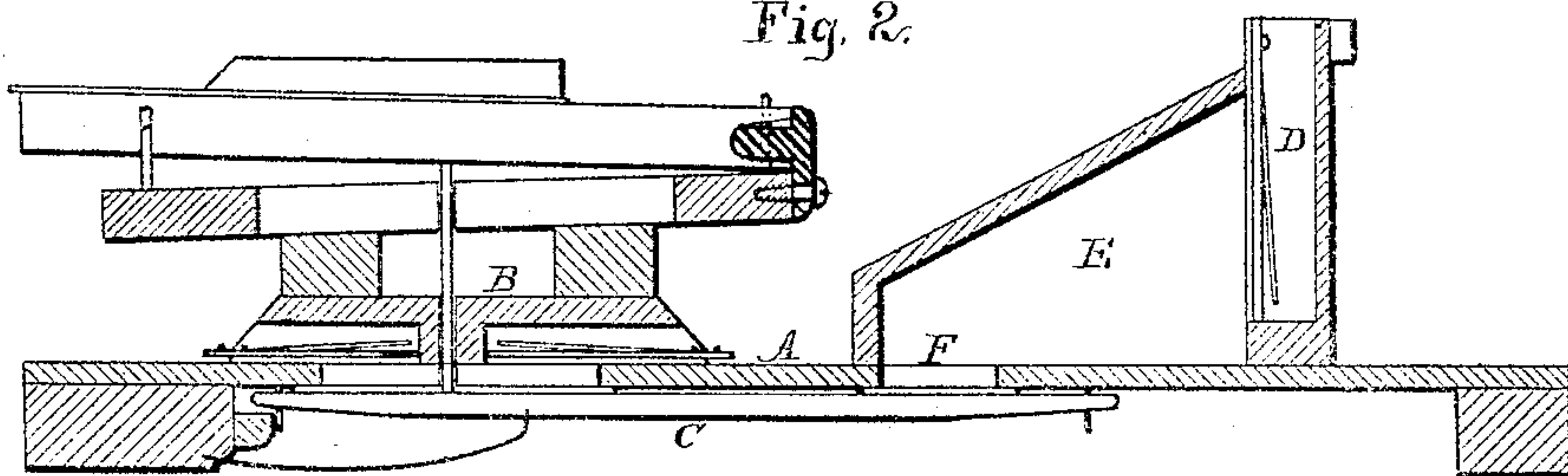
No. 137,350.

Patented April 1, 1873.

*Fig. 1.*



*Fig. 2.*



WITNESSES

*Geo W Tibbitts*  
*M. Wilson*

INVENTOR.

*Anton Dreher*

# UNITED STATES PATENT OFFICE.

ANTON DREHER, OF CLEVELAND, OHIO.

## IMPROVEMENT IN REED-ORGANS.

Specification forming part of Letters Patent No. **137,350**, dated April 1, 1873; application filed February 8, 1873.

*To all whom it may concern:*

Be it known that I, ANTON DREHER, of Cleveland, county of Cuyahoga and State of Ohio, have invented certain Improvements in Melodeons, of which the following is a specification:

This invention relates to an improved mode of constructing and arranging reed-boards in melodeons or cabinet-organs; and consists in making the valve longer so as to cover another opening, communicating with an extra set of reeds or notes for a sub-bass or other accompaniment; also in arranging the sub-bass with the reeds standing upright, and having an inclosed communication with the valves aforesaid, consisting of tapering and concentrating channels, whereby the sub-bass is sounded with the other accompanying notes.

In the accompanying drawing, Figure 1 is a top or plan view of a reed-board and action having my improvements, the top board of the channels to sub-bass removed to show their construction. Fig. 2 is a vertical section of the same.

A is a board on which are placed the reed-boards. B is a reed-board; above is the action. Through the board A are the openings for the passage of air, which are covered on the under side by the valves C. Thus far the construction does not differ from the ordinary.

My improvement consists in the extension of the board A back and in placing a reed-board, D, on it, standing on edge, in which the notes or reeds stand upright, and in making a series of air-conductors, E, to communicate with extra openings F in the board A. The conductors E are made to concentrate so as to adapt them to the same scale as the reed-board B, for the notes in the board D, being larger, require more space.

I make the valve C longer than usual to cover the extra openings F in the board A, so that the same valves operate the additional set of reeds. The air is drawn in at the top or ends of the reeds when the valve is opened. I hinge the valves at the front ends.

By this arrangement one set of valves only is needed, making a simple and economical construction for a sub-bass accompaniment.

Having described my invention, I claim—

The combination and arrangement of the reed-board D, the conductors E, the extended valves C and the board A, with the reed-board B, substantially as shown and described, and for the purpose set forth.

ANTON DREHER.

Witnesses:

GEO. W. TIBBITTS,  
J. T. SULLIVAN.