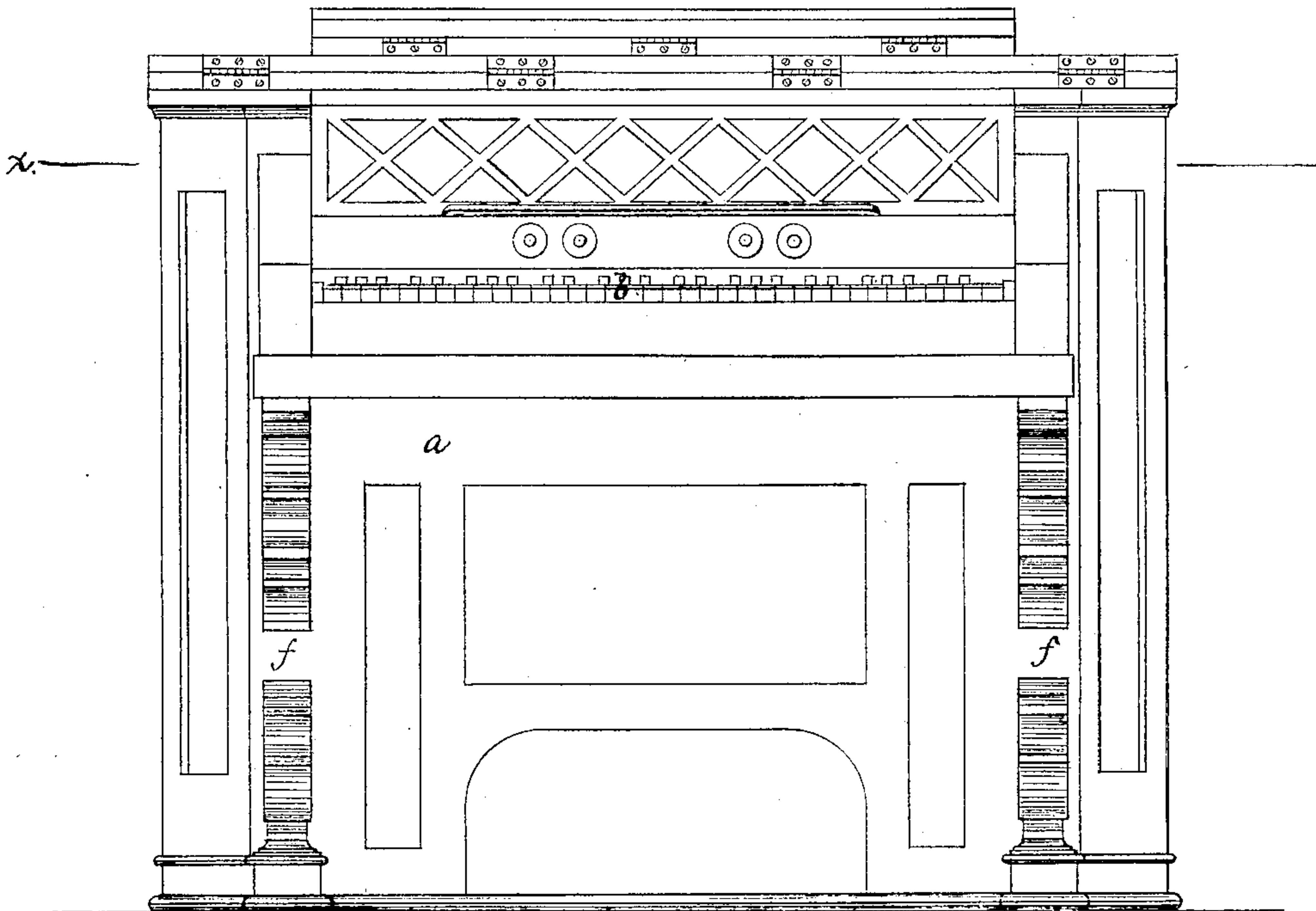


E. HAMLIN.
PARLOR ORGAN.

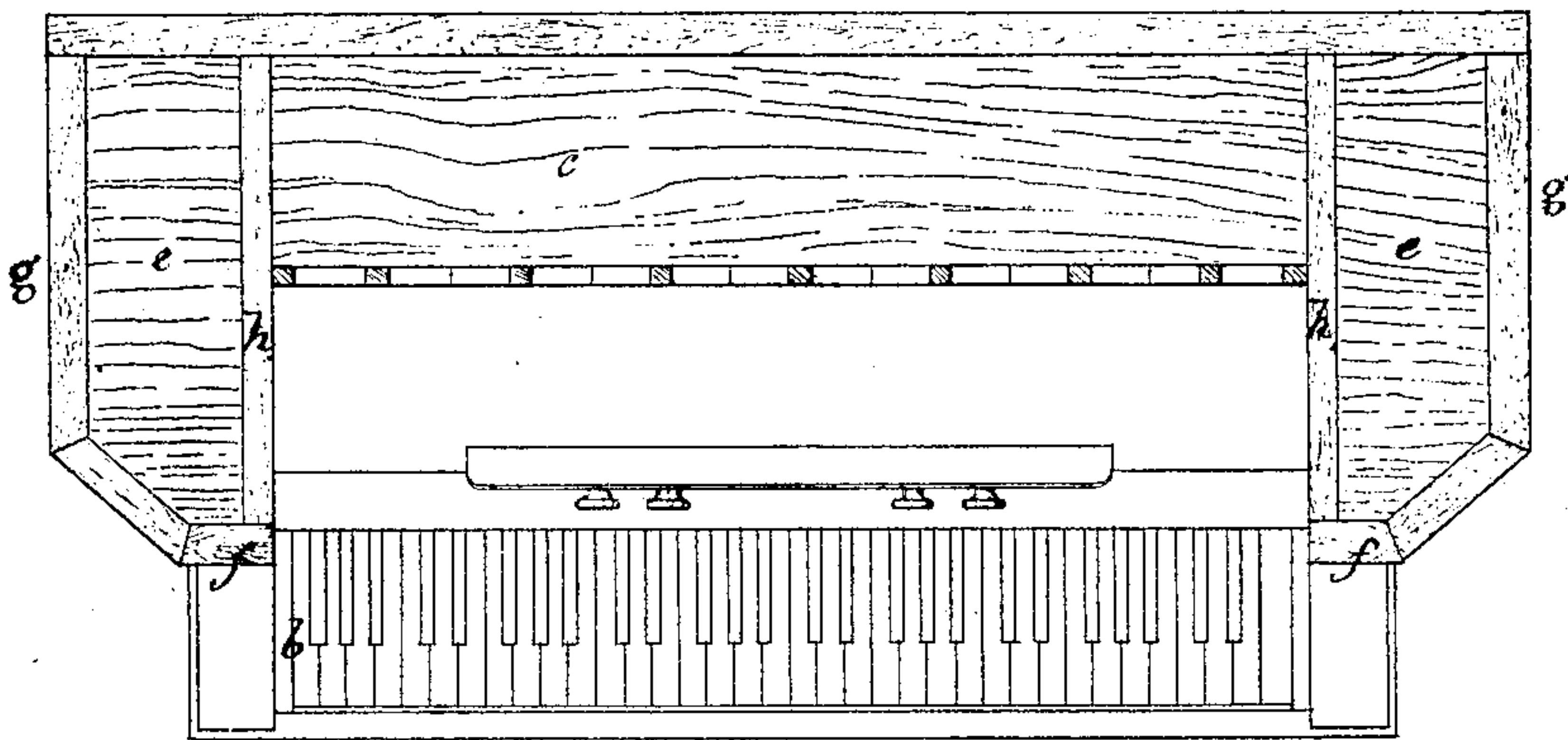
No. 106,692.

Patented Aug. 23, 1870.

A



B.



Emmons Hamlin
by his attys
Witnesses. Crosby, Halsted & Gould
L. B. Kidder.
M. W. Frothingham.

United States Patent Office.

EMMONS HAMLIN, OF WINCHESTER, MASSACHUSETTS, ASSIGNOR TO MASON & HAMLIN ORGAN COMPANY.

Letters Patent No. 106,692, dated August 23, 1870.

IMPROVEMENT IN PARLOR-ORGANS.

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, EMMONS HAMLIN, of Winchester, in the county of Middlesex and State of Massachusetts, have invented an Improvement in Parlor-Organs; and I do hereby declare that the following, taken in connection with the drawing which accompanies and forms part of this specification, is a description of my invention sufficient to enable those skilled in the art to practice it.

My invention relates, particularly, to the construction of that class of reed musical instruments known as cabinet or parlor-organs.

Heretofore it has been customary to make these instruments of a rectangular form, or box-shaped, in horizontal cross-section, the length of the instrument corresponding to, or nearly to, the length of the key-board.

In my improvement I add, at each end of the main body of the instrument, a chamber, the outer walls of which are formed by extension of the main walls or casing of the organ, the upper portion of these chambers, by their resonant properties, increasing the tone and the quality of the tone of the instrument, without marring its appearance, the front of the case being made, as heretofore, of a length to correspond to the key-board, and being joined to the end walls of the added chamber by suitable connecting wood-work or paneling.

It is in a parlor or cabinet-organ, made with these auxiliary end chambers, that my invention consists.

The drawing represents an instrument embodying my improvement.

A shows a front elevation.

B, a horizontal section on the line *x x*.

a denotes the main body or casing of the instrument, in the lower part of which are the pedals and

bellows, and in the upper part the swell, wind-box, reeds, &c.

b is the key-board, projecting in front of the casing, as seen at B.

c is the chamber over the sounding-board, such board forming the bottom of the chamber.

Beyond each end of this chamber I form the auxiliary chambers *e e*, by lengthening the main body or casing beyond the key-board, this being effected without lengthening the body at the front, and by extending the sounding-board preferably to the end walls *g*, as shown.

These chambers *e e* I cover at their top, the cover not being shown in the drawing, and, beneath the walls *h*, they communicate and form one with the principal chamber *c*.

I also make graceful connections between the front work or wall *f* and the walls *g*.

I thus add two resonant chambers, *e*, (of great value in giving tone and power to the instrument,) without detracting from the appearance of the casing, the extensions formed by the additional chambers breaking up the square lines and corners, and improving the appearance as well as the musical properties of the instrument.

I claim—

In combination with the chamber *c*, the auxiliary chambers *e*, formed in the extensions of the body or casing of the instrument, substantially as shown and described.

Executed June 29, 1870.

EMMONS HAMLIN:

Witnesses:

FRANCIS GOULD,

M. W. FROTHINGHAM.