

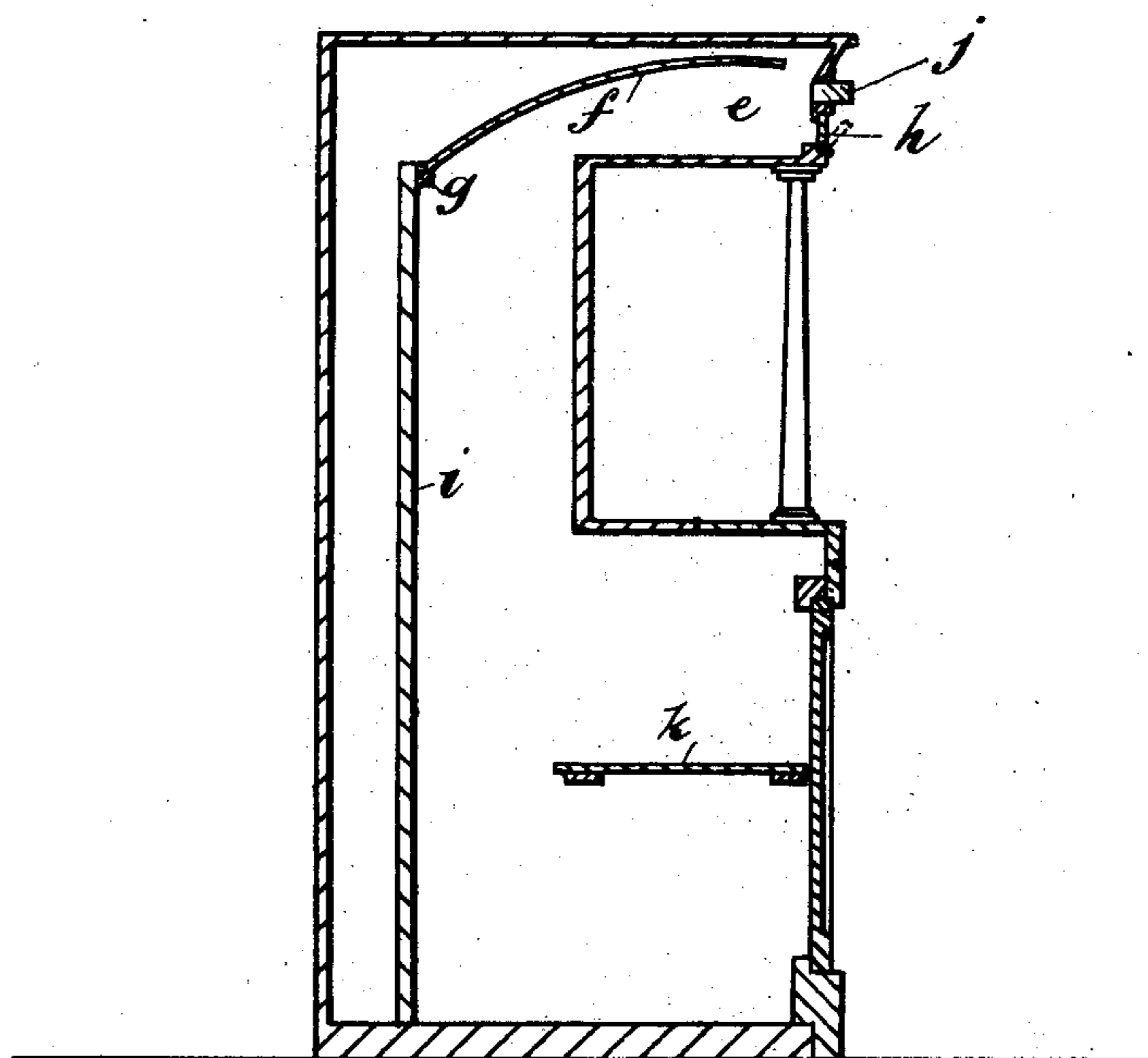
No. 667,087.

Patented Jan. 29, 1901.

C. R. S. J. HALLÉ.
PIANO CASE.

(Application filed June 1, 1900.)

(No Model.)



Witnesses

W. B. Stuber

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by

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att'y

UNITED STATES PATENT OFFICE.

CLIFFORD ROBERT STEPHEN JOHN HALLÉ, OF LONDON, ENGLAND.

PIANO-CASE.

SPECIFICATION forming part of Letters Patent No. 667,087, dated January 29, 1901.

Application filed June 1, 1900. Serial No. 18,735. (No model.)

To all whom it may concern:

Be it known that I, CLIFFORD ROBERT STEPHEN JOHN HALLÉ, a subject of the Queen of Great Britain, residing at 50 Lincoln's Inn Fields, London, England, have invented certain new and useful Improvements in or Relating to Pianoforte-Cases, of which the following is a specification.

This invention relates to certain new and useful improvements in pianoforte-cases; and it consists of the novel combination and arrangement of parts hereinafter more specifically described, illustrated in the accompanying drawing, and particularly pointed out in the claim hereunto appended.

The drawing forming a part of this specification illustrates a sectional elevation of my improved pianoforte-case.

Referring to the drawing by reference-letters, the upper back part *d* of the case is provided with a box *e*, which collects and concentrates the musical sounds for distribution into an apartment, a soundboard *f*, fitted therein, directing the sound to outside the box *e*. This box *e* may be formed by heightening the case of the piano above the wrest-plank *g* and leaving the interior hollow, the box thus formed being supplied with a vibratory soundboard *f* and a hinged door *h*, which opens at such an angle as to direct the sound in any given direction.

The drawing shows the case in skeleton; but it will be understood that the actions are

fitted in the usual place, the strip being attached to the iron frame *i*, the principal feature of the invention being the box or canopy *e*, attached to or forming part of the piano-casing, for collecting and distributing the sound-waves from the vibratory strings, a curved soundboard *f* being fitted in the box or canopy *e* for directing the sound through the door *h* and through between the dentils *j* or other openings in the canopy.

The box or canopy *e* is shown as overhanging the front of the piano, but it may be flush with the front, if so desired.

What I claim, and desire to secure by Letters Patent, is—

The combination of a piano-case, provided with a sound-concentrating chamber at the top thereof, a frame arranged in the said case, a wrest-plank connected to the upper end of said frame, a curvilinear vibratory soundboard connected at one end to said plank and extending outwardly into said chamber for projecting the sound therefrom, and a hinged door for said chamber capable of variable inclination for directing the projected sound in any given direction.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

CLIFFORD ROBERT STEPHEN JOHN HALLÉ.

Witnesses:

J. ALLISON BOWEN,
J. S. ABERCROMBIE.