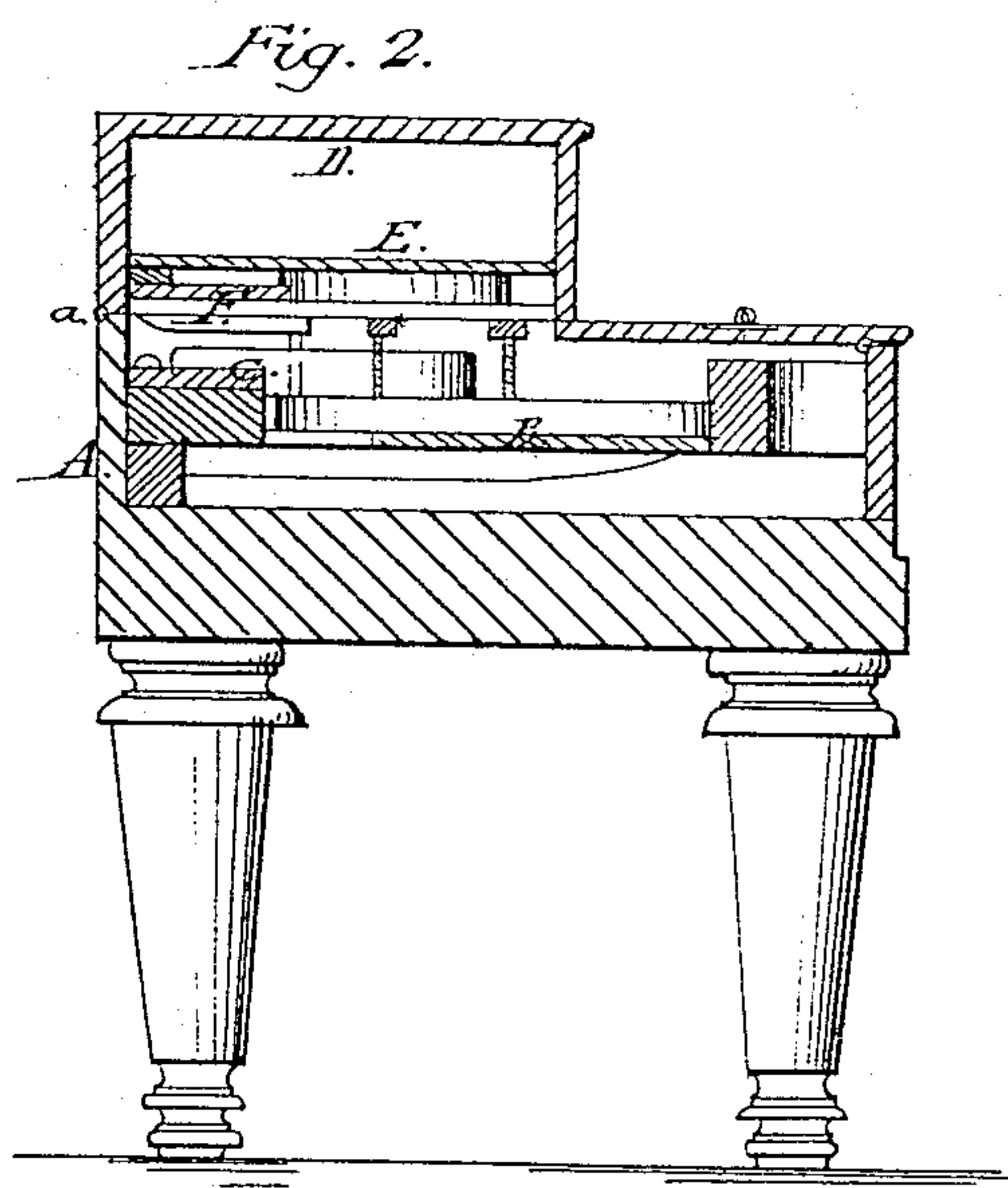
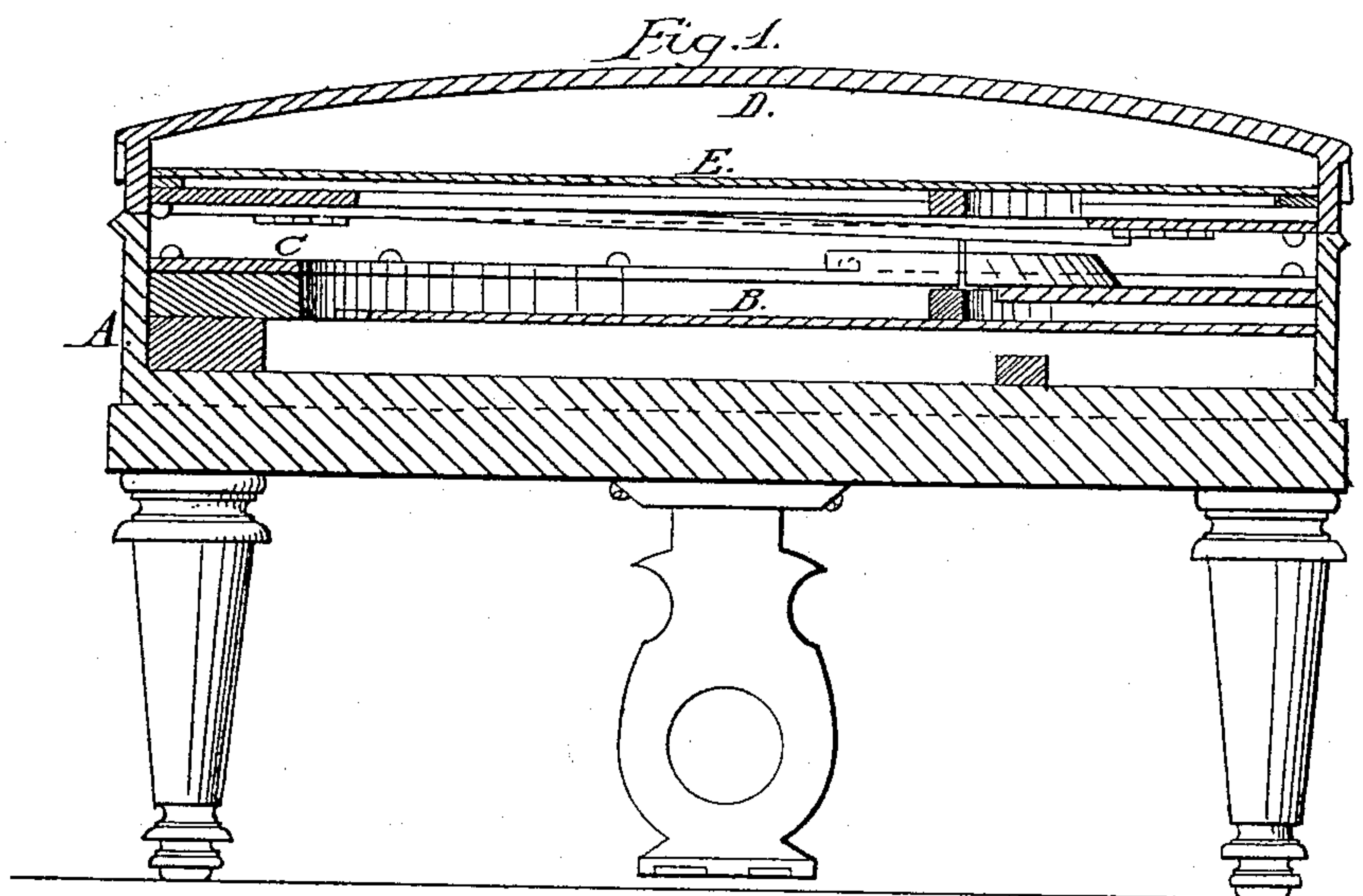


*D. T. Peek.*

*Piano Forte.*

*N<sup>o</sup> 87,509.*

*Patented Mar. 2, 1869.*



*Witnesses:*

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# United States Patent Office.

DAVID T. PEEK, OF NEW YORK, N. Y.

Letters Patent No. 87,509, dated March 2, 1869.

## IMPROVEMENT IN PIANO-FORTES.

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, DAVID T. PEEK, of the city, county, and State of New York, have invented a new and useful Improvement in Piano-Fortes; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification, in which drawing—

Figure 1 represents a longitudinal vertical section of this invention.

Figure 2 is a transverse section thereof.

Similar letters indicate corresponding parts.

This invention consists in the arrangement of an additional hinged case on the top of the main case of a piano-forte, said additional case being provided with a secondary sounding-board, and a series of strings, corresponding in tune to the ordinary strings of the piano-forte, in such a manner, that, when the additional hinged case is turned down, the volume of the tone of the piano-forte is materially increased, and when the additional hinged case is turned back, the secondary sounding-board with its series of strings is thrown out of operation, and the effect of the instrument is the same as that of an ordinary piano-forte, when the top is raised.

A represents the case of a piano-forte, which is constructed in the ordinary manner, and which is provided with a sounding-board, B, and with a metal frame, C, as usual.

On the top of the case A is secured an additional case, D, which is connected to the main case by a hinge-joint, *a*, (see fig. 2,) so that it can be turned down to the position shown in the drawing, or that it can be opened the same as the top of an ordinary piano-forte.

The additional case D may be provided with an

arched top, as shown in the drawing, or it may be made in any desirable form or shape; and said case is provided with a secondary sounding-board, E, and with a secondary metal frame, F, and it is intended to contain a secondary series of strings corresponding in tune to the strings of the piano-forte.

If the additional case D is turned down to the position shown in the drawing, and the ordinary strings are struck by the hammers, their vibration is communicated to the corresponding strings in the additional case, and the volume of the tone is materially increased; and if it is desired to produce the effect of an ordinary piano-forte, the additional case D is turned back, and thereby the additional strings contained in this case are thrown out of action.

By the additional case D, a novel appearance is given to my piano-fortes, and an instrument is obtained, capable of producing different effects, which cannot be accomplished by instruments of the ordinary construction.

I do not claim broadly, as new, the arrangement of a secondary sounding-board, such having been applied below the ordinary sounding-board, as described in the patents of John G. Kunze, December 20, 1859, and of Anthony Ganther, August 15, 1865; but having thus described my invention,

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

The additional case D, hinged to the top of the main case A, of a piano-forte, and provided with a secondary sounding-board, E, substantially in the manner and for the purpose set forth.

DAVID T. PEEK.

Witnesses:

W. HAUFF,

E. F. KASTENHUBER.