

(No Model.)

V. H. MATHUSHEK.

SOUNDING BOARD FOR STRINGED INSTRUMENTS.

No. 534,900.

Patented Feb. 26, 1895.

Fig. 1.

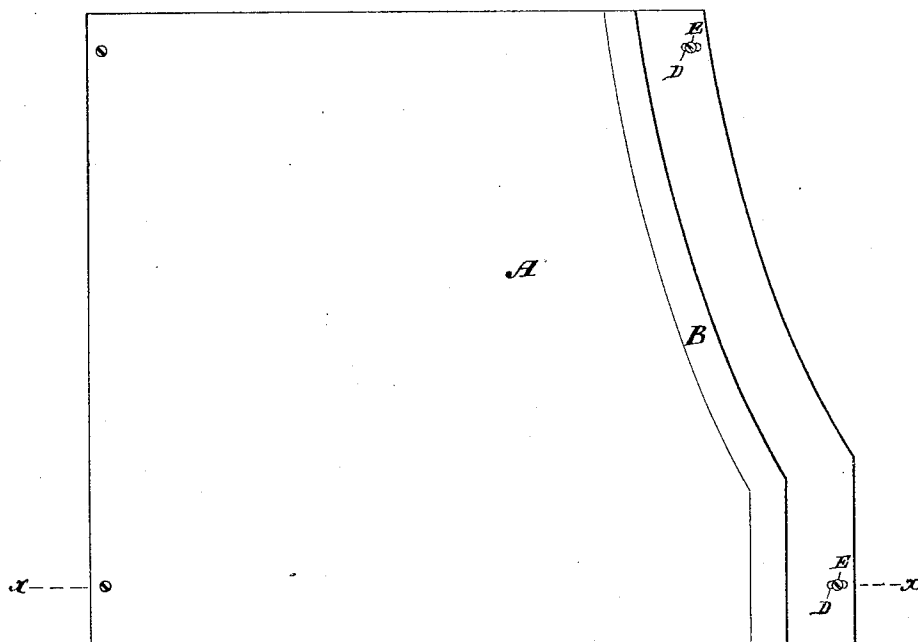
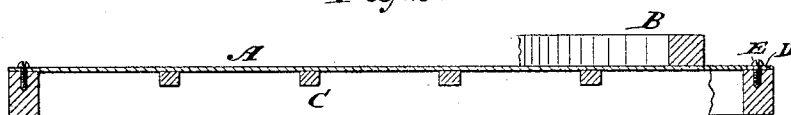


Fig. 2.



WITNESSES:

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SOUNDING-BOARD FOR STRINGED INSTRUMENTS.

SPECIFICATION forming part of Letters Patent No. 534,900, dated February 26, 1895.

Application filed October 25, 1894. Serial No. 526,949. (No model.)

To all whom it may concern:

Be it known that I, VICTOR HUGO MATHUSHEK, a citizen of the United States, residing at New York, in the county and State of New York, have invented new and useful Improvements in Sounding-Boards for Stringed Instruments, of which the following is a specification.

This invention relates to certain improvements in piano sounding boards as pointed out in the following specification and claim and illustrated in the accompanying drawings, in which—

Figure 1 is a plan view of a sounding board.
Fig. 2 is a section along $x x$ Fig. 1.

It is a well known fact that piano sounding boards constructed of wood are affected by changes in weather and temperature, while the strings being of metal or steel are affected at times to a different extent by such changes, thus giving rise to disturbances disadvantageously affecting the tone or musical quality of the instrument. By making my sounding board of metal, such as steel, copper, composition metal or the like, such disturbances can be obviated. The strings for example being made of steel, and the sounding board of steel homogeneous with the string steel, it is manifest that atmospheric changes to which the instrument is exposed must affect the strings and the sounding board to an equal

degree, so that the strings and the board remain at rest or unaffected relatively to one another.

The sounding board A composed of a suitably thin sheet or sheets of metal, being provided with a bridge or bridges B will support the strings as well known. Ribs C may be employed as well known, but if the board A is composed of a suitable metal sheet possessing the required strength, and vibratory quality, the ribs may be omitted.

The metallic sounding board will be left free to expand and contract by being secured to its support along one edge by slot and pin connections D E.

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

As a new article of manufacture, a piano sounding board made of metal and rigidly secured at one edge and movably secured along its other edge by pins loosely passed through elongated slots in the sounding board, substantially as described.

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

VICTOR HUGO MATHUSHEK.

Witnesses:

WM. C. HAUFF,
E. F. KASTENHUBER.