

No. 692,773.

Patented Feb. 4, 1902.

C. E. FIEDLER.
ZITHER.

(Application filed Sept. 6, 1901.)

(No Model.)

2 Sheets—Sheet 1.

Fig. 2.

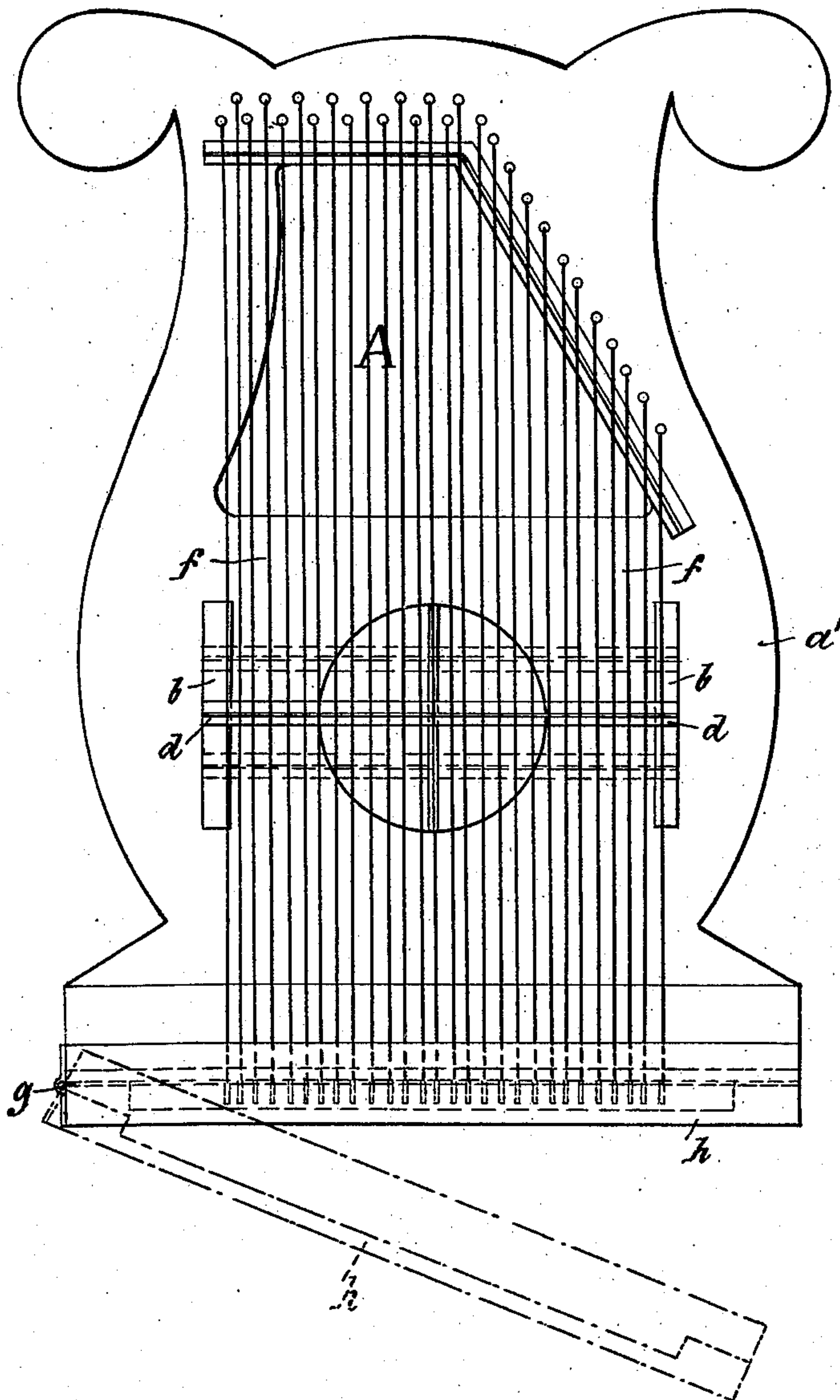
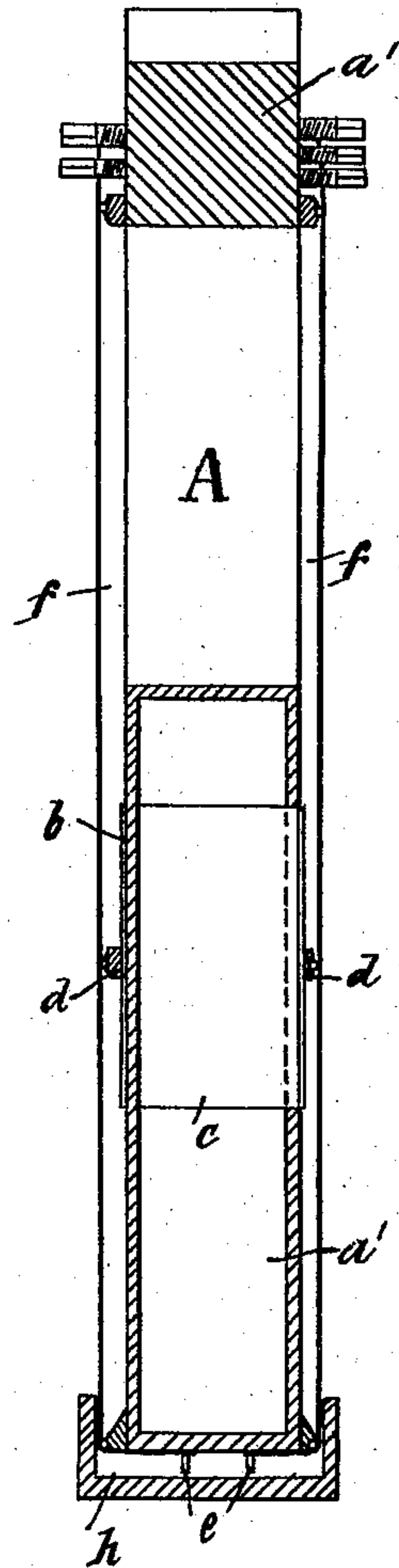


Fig. 1.



Witnesses
S. B. Brashear
M. C. Lyddane

Inventor
Carl Emil Fiedler
by J. L. Latham Atty

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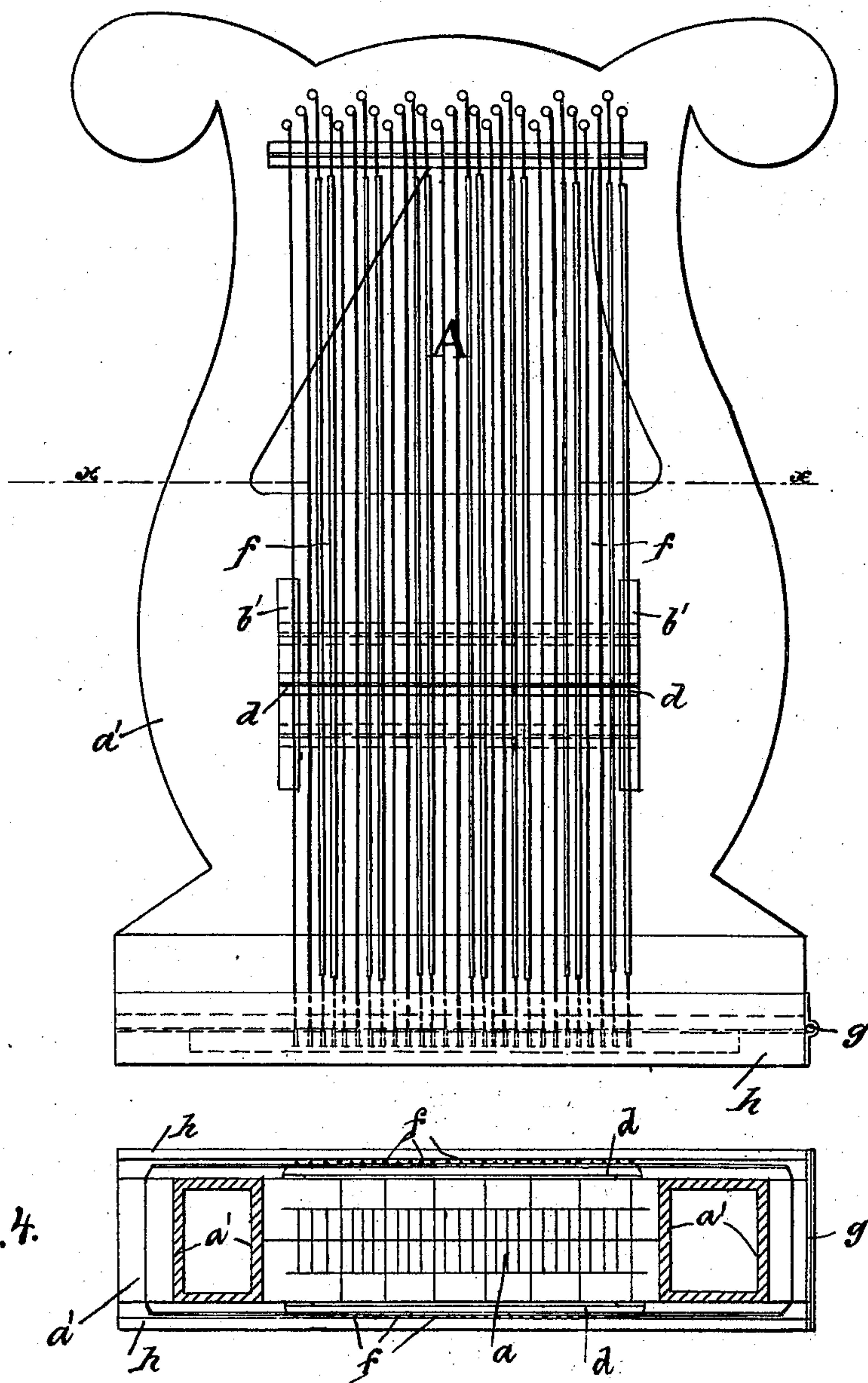
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2 Sheets—Sheet 2.

Fig. 3.



Witnesses

E. B. Brashears

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UNITED STATES PATENT OFFICE.

CARL EMIL FIEDLER, OF KLINGENTHAL, GERMANY.

ZITHER.

SPECIFICATION forming part of Letters Patent No. 692,773, dated February 4, 1902.

Application filed September 6, 1901. Serial No. 74,582. (No model.)

To all whom it may concern:

Be it known that I, CARL EMIL FIEDLER, a subject of the Emperor of Germany, residing at Klingenthal, Saxony, Germany, have invented certain new and useful Improvements in Zithers, of which the following is a specification.

This invention relates to zithers, and has for its object to provide improved means whereby it is possible to very conveniently locate the strings in playing the instrument to produce a great volume of sound and to render the whole arrangement more effective.

With this object in view the invention consists in the improved construction, arrangement, and combination of parts hereinafter fully described and afterward specifically claimed.

The invention is illustrated in the accompanying drawings, in which—

Figure 1 is a longitudinal section. Figs. 2 and 3 are elevations of the right and left hand faces, respectively, of a zither, while Fig. 4 is a transverse section on the line *xx*, Fig. 3.

As illustrated in the drawings, the sounding-board *a'* is provided with an aperture *A*, on the bottom side of which a scale *a* is provided to correspond with the strings employed and with the object of facilitating their location when playing. Bridges *d* are provided on each of the faces of the board *a'* and are

secured in position by the plates *b b'* and are capable of removal into various positions, as indicated in dotted lines in Figs. 2 and 3. In any position the bridges *d* are supported by means of a transverse bridge *c* within the sounding-board.

The strings are secured to pins *e e* at the base of the sounding-board and pass over the bridges *d* on each side, as illustrated. The pins *e* are covered by means of the base-piece *h*, which hinges on one side at *g* and is fastened at the opposite side by any suitable means.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

A zither comprising a hollow double-faced sounding-board having an opening there-through, strings passing across said opening on each face of the board, a scale on the bottom wall of the opening indicating the strings by the corresponding notes, adjustable transverse bridges on the outside of the board for supporting the strings, and a bridge within the board at right angles with and supporting the outer bridges, substantially as described.

In testimony whereof I affix my signature.

CARL EMIL FIEDLER.

In presence of—

ERNST BUCKMANN,
FRANZ ED LUDWIG.