

(No Model.)

J. M. ALLEN.
CAPODASTRO FOR GUITARS.

No. 339,513.

Patented Apr. 6, 1886.

Fig. 1.

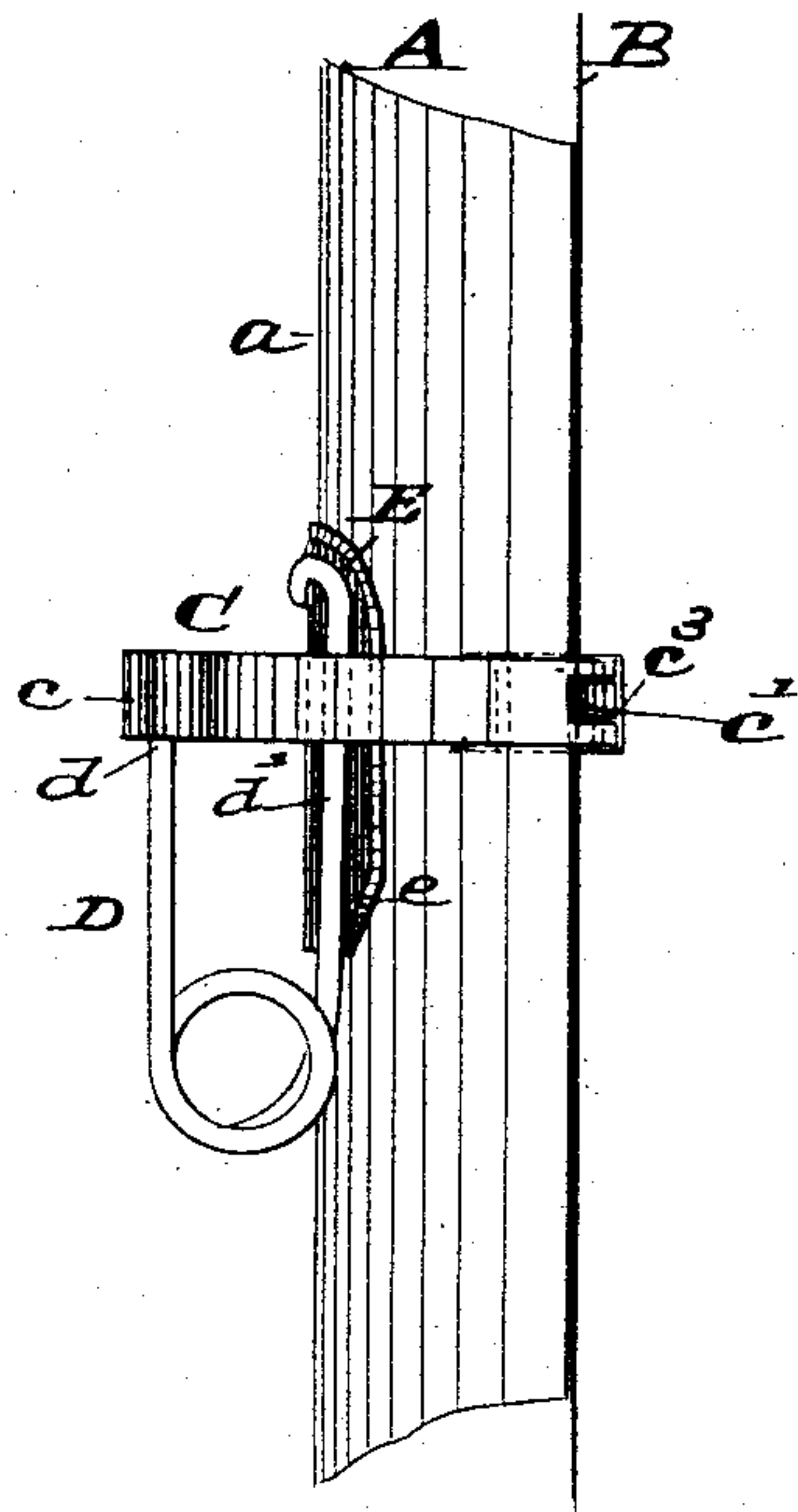


Fig. 2.

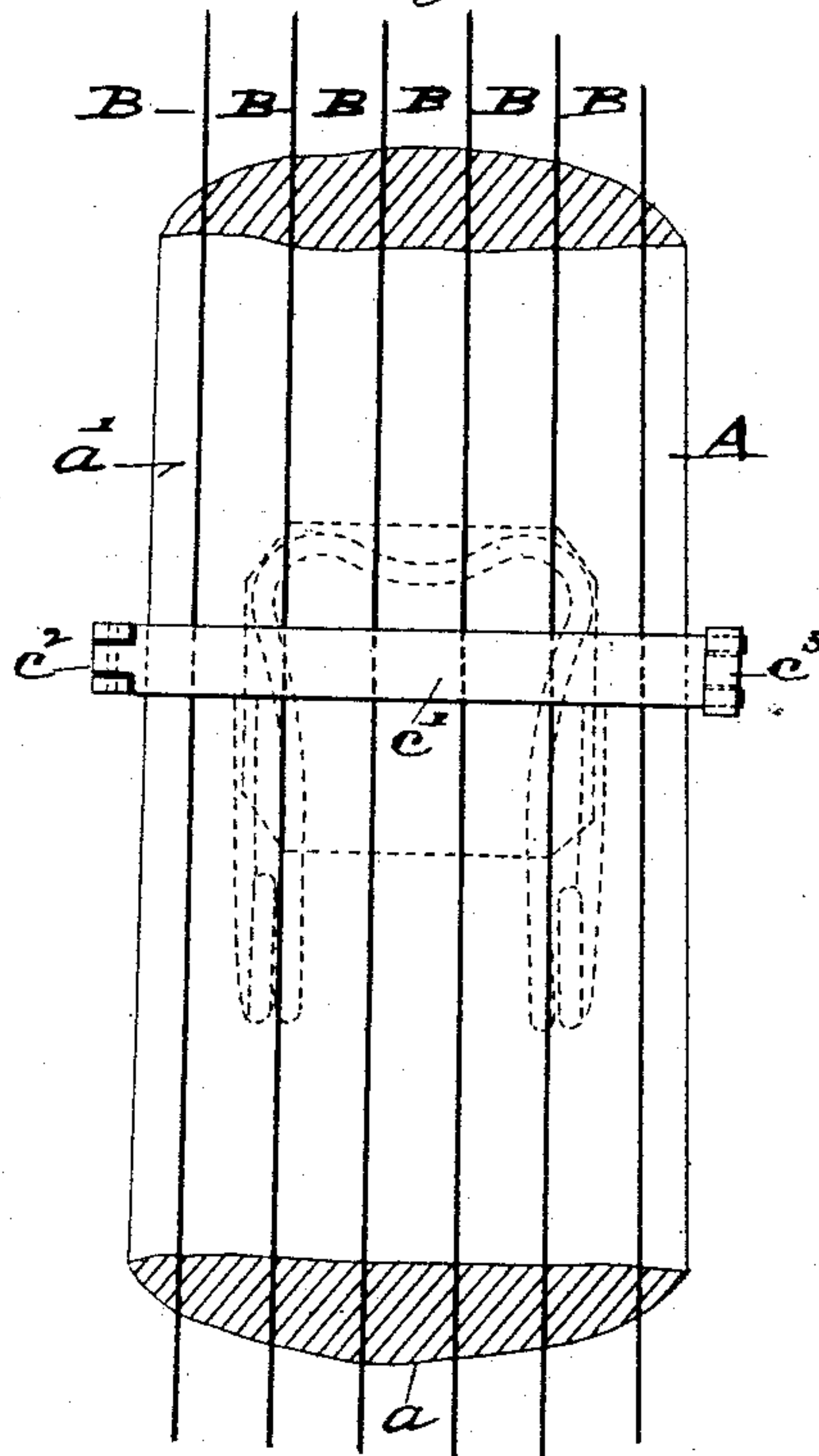
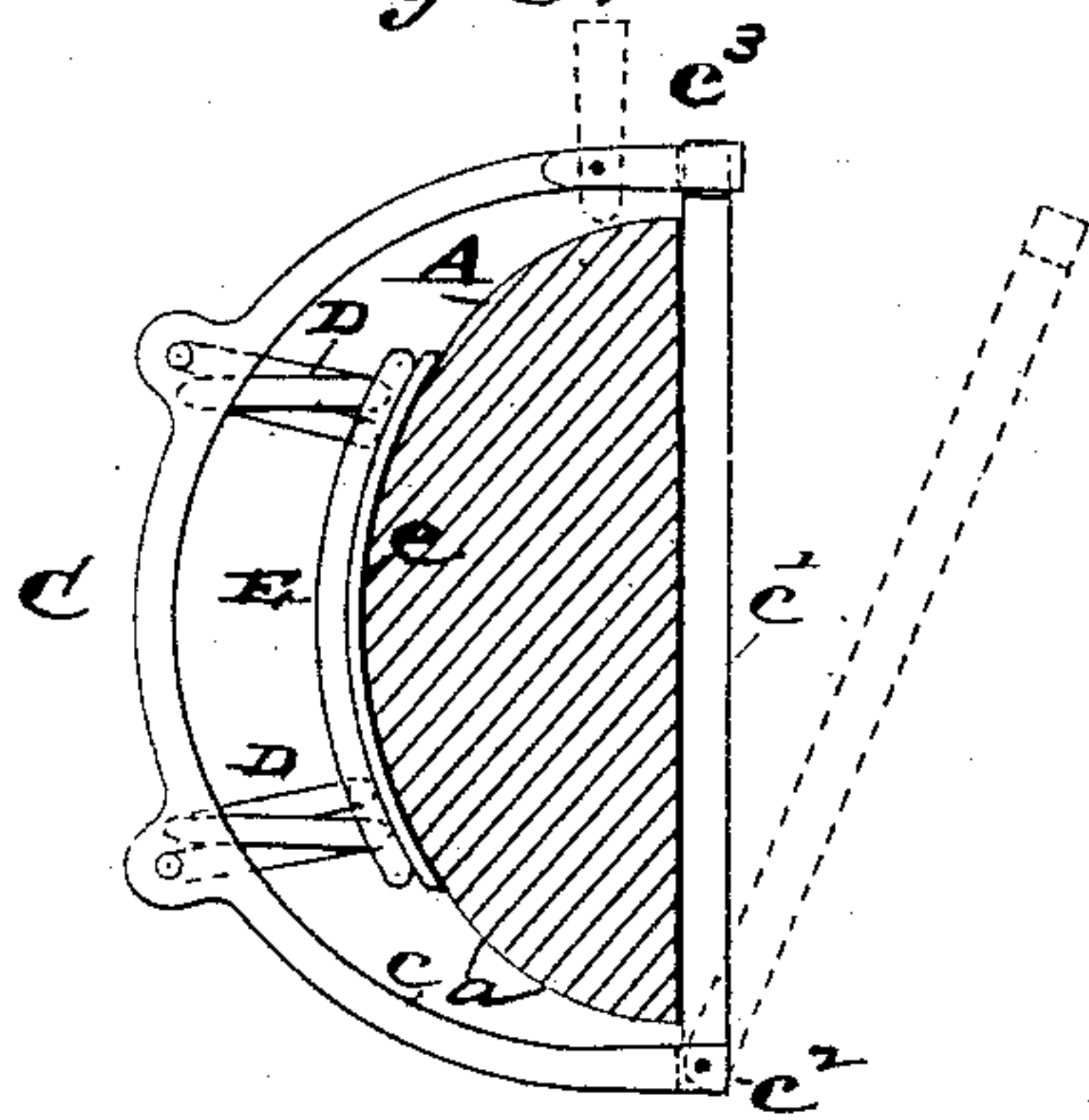


Fig. 3.



Witnesses:

J. W. Hoke.

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Inventor:

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JAMES M. ALLEN, OF ST. LOUIS, MISSOURI.

CAPODASTRO FOR GUITARS.

SPECIFICATION forming part of Letters Patent No. 339,513, dated April 6, 1886.

Application filed September 17, 1885. Serial No. 177,378. (No model.)

To all whom it may concern:

Be it known that I, JAMES M. ALLEN, of St. Louis, Missouri, have made a new and useful Improvement in Capodastros for Guitars, of which the following is a full, clear, and exact description.

My improved capodastro can be more readily adjusted than those now in use, and is less apt to mar the guitar-neck. It consists, substantially, in a clamp which encircles the guitar-neck and strings, and whose front part is adapted to bear upon the strings by means of a spring which is attached to the rear part of the clamp and carries a presser-plate, which, by reason of the action of the spring, presses, when free, against the back of the guitar-neck, and thereby serves to draw the front part of the clamp against the strings and produce the desired result. To shift the clamp upon the guitar-neck it is only necessary, by bearing against the back of the clamp, to compress the spring sufficiently to lift the front part of the clamp from off the strings, whereupon the clamp can be slipped easily upward and downward upon the guitar-neck, as desired.

The annexed drawings, making part of this specification, exhibit a portion of a guitar-neck with the improvement in position.

Figure 1 is a side elevation. Fig. 2 is a front elevation, and Fig. 3 is a cross-section.

The same letters of reference denote the same parts.

A represents the guitar-neck, and B B B represent the guitar-strings, all constructed and arranged in the usual manner.

The capodastro consists of the clamp C, the spring D, and the presser-plate E. The clamp in its general outline conforms to that of the guitar-neck, but is sufficiently large to admit of the spring and presser-plate being inserted between the back part, *c*, of the clamp and the back *a* of the guitar-neck, substantially as shown.

The spring at one end, *d*, is attached to the clamp, and at the other or free end, *d'*, is

constructed to form, or is furnished with, what may be termed a "presser-plate," E, and all the parts are relatively so constructed as to cause the spring, when free to act, to open, and thereby press the presser-plate against the back of the guitar-neck, and in consequence to force the back part, *c*, of the clamp backward from the guitar-neck, and thereby draw the front part, *c'*, of the clamp against the strings B B and clamp them upon the guitar-neck front, *a'*. The presser-plate is suitably faced, as with a piece of soft leather, *e*, to enable the presser-plate to be slipped along the guitar-neck without marring it.

The front part, *c'*, of the clamp is in practice a straight bar, and, to enable the capodastro to be removed from the guitar-neck, the bar *c'* at *c''* is hinged to the part *c*, and the free end of the bar *c'* can be fastened by means of the loop *c''*, substantially as shown. The dotted lines in Fig. 3 indicate the position of the bar *c'* when unfastened.

Various forms of springs can be used to shift the clamp transversely, as described, upon the guitar-neck.

The clamp C can also be constructed in various ways for the purpose of rendering the capodastro removable from the guitar-neck, and hence in this respect I desire not to be limited to hinging the parts *c* and *c'* together, as these parts can otherwise be made to open apart.

I claim—

1. The herein-described capodastro, consisting of the clamp, the spring, and the presser-plate, the parts of said clamp being made to open apart, as described.

2. The combination of the clamp C, having the bar *c'* hinged to open from the part *c*, the spring D, and the presser-plate E, as described.

Witness my hand.

JAMES M. ALLEN.

Witnesses:

C. D. MOODY,
J. W. HOKE.