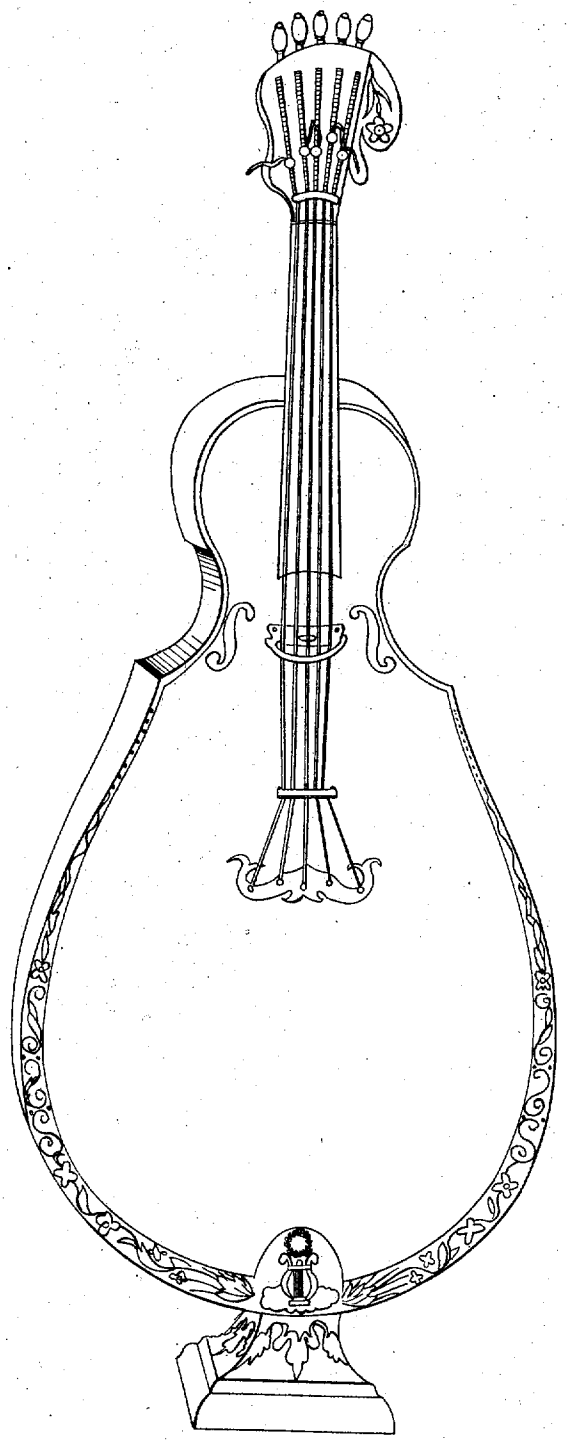
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P. Trajetta,

Guitar,

Patented July 22, 1833.



AM. PHOTO-LITHO. CO. N.Y. (OSBORNE'S PROCESS)

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Philip Trafitta's Pletro-lira
Letters Patent

The Schedule referred to in these Letters Patent and making part of the same containing a description in the terms of the said Philip Trafitta himself of his improvement in the musical instrument called Pletro-lira.

The pletro-lira is a portable or may be made a stationary musical instrument, it is made of wood & may be made of other materials, it is flat-bed may be carved it is shaped according to the annexed drawing & may be made of different shapes, to be played with a bow on strings inserted in & the tension thereof sustained by the sounding board, & passing over a bridge the distance of which from the nut is short in comparison with the body of the instrument, it may be constructed of any large size, & yet it sounds the very full, use of the highest pitch, it may be of a lower one (3rd) than larger strings than those of violin are applied to it & more length is given to them from the bridge to the nut, in the known proportions, its pitch may be brought to that of the alto. By the application of larger & longer strings, & giving to them a greater length from the bridge to the nut, its pitch may be brought to that of the bass & double bass, with bodies unusually large & of different forms from those of the said instruments (3) The body of the pletro lira is of wood & may be made of metal & other materials. Its form may be varied according to fancy. Its handle may be made broad narrow large or small. Its varnish may be of oil or other kinds. It is tuned by fifths, & may be tuned by fourths or other intervals. It has strings of cat gut, as the violin & alto, to be played with the violin bow, or the one adapted to it, & in addition may have wire strings of different size & length, inserted in the sounding board with pegs & other contrivances, as they may be tuned as strings or to a fixed pitch, or to similar things. The sounds by a touch

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The pegs, studs, &c are of iron & may be of different or various forms, simple or fancy turned. The finger board is of wood (and may be of different materials & form. The bridge is of wood & may be carved in front & variously. The keepers in one part of the instrument are under them in another & may be made under or various in different parts all alike (4) The holes of the filetto bra are in the shape of an S. (and may be circular, or of any other figure. The instrument has two holes & may have three, or but one smaller or larger. They are placed at the ends & may be placed in the middle of the sounding board or in another part of the instrument. It has one sounding post & may have more (5) The filetto bra may be placed on a suitable bar of different construction length & breadth. It may be placed on a permanent bar so as to be played standing, & even by performers mounted on steps or first stools. It may have a cape to set keys, frets & other contrivances to govern the intervals of the strings from finger to finger. (6) The names which distinguish the different sizes of the instrument are the following. Rotto bra violin or small size. Ditto alto 2 size. Ditto violin & alto 3 size called Hibernic bass. Rotto bra with four violin strings & one alto. Ditto basso 4 size. Ditto violin basso 5 size. (7) The assigning of short strings to a large sounding board by winding them with fine wire, or lengthening them over it, giving to them a smaller relative distance from the bridge to the nut (as in the filetto bra) will make a large stringed instrument produce the high pitch of the violin, a more full sound & of the kind required to perform the principal part in music. Which gives to the bra filetto a full sound for executing all the means of execution used by your petitioner as the inventor, & he truly believes himself to be the true & original inventor of the above instrument as herein specified (8) Concerning the use of the filetto bra, it is to be observed that the way of holding the violin not being calculated for persons to perform on it they are supposed to

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accompanying to their names. The manner of holding the plectra here is calculated for females as well as males. When played by females it is placed at the side, the lower part of the plectra lies resting on the floor. Small plectra are placed by men between the hand. (9) The intention of your petitioners which [illegible] to the invention of the plectra lies was to enable performers [illegible] necessary to support their voices in unison with stringed instrument capable of producing long sounds with their modifications of force & likewise to enable male performers to learn a chord with a stringed instrument easy to tune as well calculated as the violin for leading & where manner of holding is more congenial than that of the violin with the degrees of the plane of performance

Philip Trafella Corp

Witnesses

William Milum

D. Vankeer Hogelund

(Dr in Post folio)

1000 words