A. FICKERT.

GUITAR BRIDGE.

APPLICATION FILED OCT. 23, 1916.

1,230,695. Patented June 19, 1917.

Fig. 1.

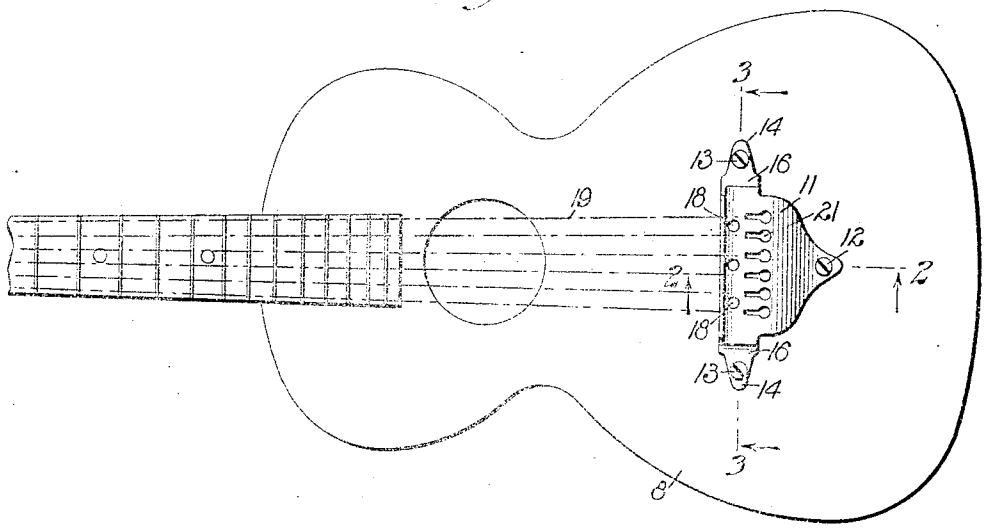


Fig. 2.

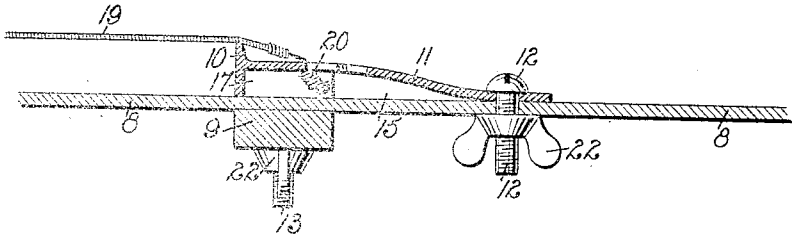
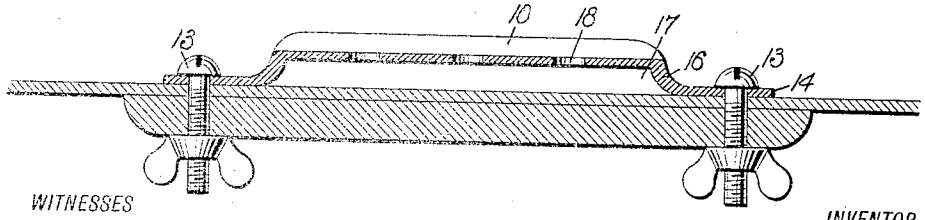


Fig. 3.



WITNESSES

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GUITAR-BRIDGE.

1,230,695. Specification of Letters Patent. Patented June 19, 1917.

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To all whom it may concern:

Be it known that I, ALBERT FICKERT, a citizen of the United States, and a resident of the city of New York, borough of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Guitar-Bridge, of which the following is a full, clear, and exact description.

Among the principal objects which the present invention has in view are: To prevent the strings of a guitar from pulling out of their points of anchorage; to provide a simple and efficient means for holding the anchored ends of the strings of guitars or similar musical instruments; and to strengthen the construction of the bridge.

Drawings.

Figure 1 is a top plan view of the body and a fragment of the handle of a guitar provided with a bridge constructed and arranged in accordance with the present invention;

Fig. 2 is a vertical section on an enlarged scale, the section being taken as on the line 2—2 in Fig. 1;

Fig. 3 is a sectional view on an enlarged scale, the section being taken as on the line 3—3 in Fig. 1.

Description.

As shown in the drawings, the sounding body 8 of a guitar is provided with a supporting rib 9. The bridge of the guitar usually rests directly above the rib 9 and the pegs utilized for holding the strings in the retaining slots are disposed in holes formed in said rib, the bridge 10 being alined with the forward edge of said rib.

The front wall of the bridge 10 is solid and has full support on the body 8. In the present invention the bridge 10 is integrally formed with an apron 11, the rearward extremity whereof is perforated to receive a screw bolt 12. Though the bridge may be held from lateral disadjustment by other simple means, it is preferred to employ the screw bolts 13, which are passed through perforations provided in the material extensions 14. The bolts 12 and 13 are provided with wing nuts 22.

The apron 11 is raised from the sounding board 8 to provide a space 15 therebetween. Where the extensions 14 join the body of the apron 11, solid walls 16 are formed which in conjunction with the apron 11, form a chamber 17.

The strings 19 employed in the musical instrument are of usual construction and are provided with anchor knots 20. The knots 20 are so constructed as to pass through the enlarged portions of the holes 21. The knots 20 when drawn under the forward portion of the apron 11 and below the contracted portions of the holes 21 are held by the said contracted portions.

It is obvious that when installing one of the strings 19, or repairing the same, the operation of attaching it in service to the bridge is readily and quickly effected.

A guitar or similar musical instrument, such as a mandolin or bandurria, when provided with a bridge constructed and arranged as above described and as shown in the accompanying drawings, has an added brilliancy imparted to the tone thereof.

Claim.

A guitar bridge comprising a solid wall, and an apron integrally formed therewith and extended rearwardly therefrom, the forward end of said apron being joined with said solid wall above the lower bearing edge thereof and the rear end of said apron being depressed to a level with said bearing edge, said apron having formed therein a series of holes for the knotted ends of strings, said apron being further provided with lateral extensions, the outer ends of said extensions being depressed to a level with the lower edge of said bridge for forming a hollow chamber.

ALBERT FICKERT.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."