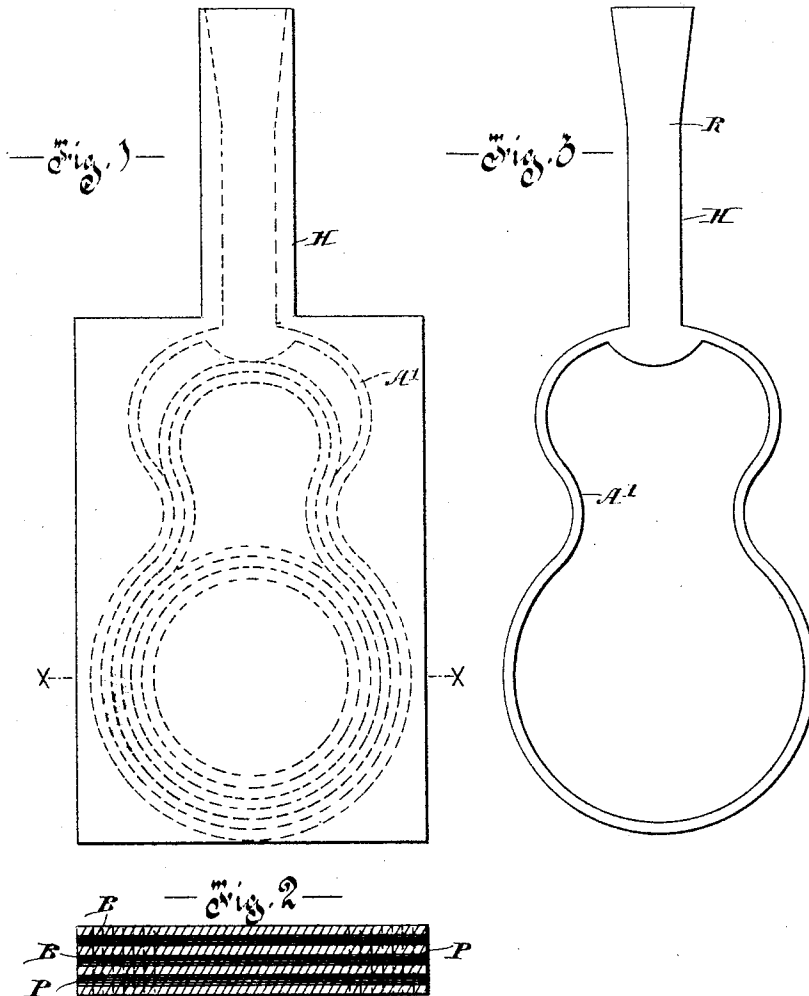


(No Model.)

C. A. GREGORY.
MUSICAL INSTRUMENT.

No. 500,231.

Patented June 27, 1893.



Witnesses
Wm. M. Frost
Jed. J. Sears

Inventor
Charles A. Gregory
By *his Attorney*
Rus. H. C. Rogers

UNITED STATES PATENT OFFICE.

CHARLES A. GREGORY, OF MONTREAL, CANADA.

MUSICAL INSTRUMENT.

SPECIFICATION forming part of Letters Patent No. 500,231, dated June 27, 1893.

Application filed May 12, 1892. Serial No. 432,793. (No model.)

To all whom it may concern:

Be it known that I, CHARLES ALEXANDER GREGORY, of the city of Montreal, in the district of Montreal and Province of Quebec, Canada, have invented certain new and useful Improvements in Musical Instruments; and I do hereby declare that the following is a full, clear, and exact description of the same.

This invention relates more particularly to guitars banjos and the like musical instruments the improvements made pertaining to the bands or rims of same.

The invention consists in a rim or band for guitars and similar instruments, sawed to the desired shape from a solid block formed of several layers of veneers with the grain running in different directions.

For full comprehension however of the invention, reference must be had to the accompanying drawings forming a part of this specification in which like symbols indicate corresponding parts and wherein—

Figures 1 and 2 are respectively plan and sectional views of a block built up of veneers placed so that the grain will run in different directions the dotted lines in Fig. 1 indicating how a number of bands or rims can be cut from it; and Fig. 3 a plan view of an integral neck and rim sawed from the built up block.

To construct the rim or band A of the guitar I take a block such as shown in Figs. 1 and 2 and formed by gluing together sheets or strips B B of veneer preferably of different colors and arranged so that the grain of each strip will run at right angles or cross wise to that

of the contiguous pieces, and after this has thoroughly hardened a number of bands or rims of different sizes can be sawed out by a band saw thus avoiding first the lengthy bending process heretofore required where single strips are used, secondly the necessity of using staying ribs between the belly and the rim to assist in preventing warping, and thirdly the use of the usual separate strengthening block on the interior of the rim where the neck or arm is attached, as such block by my invention can be formed integral with the rim. These rims when polished will present a fine appearance and will not require veneering in any way.

If desired a rim A and neck H integral with it as shown in Fig. 5 could be sawed from the built up block.

What I claim is as follows:

1. A band or rim for the bodies of guitars and like musical instruments formed of a series of layers of veneer arranged horizontally one upon the other and with the grain of each layer running in a different direction to that of the contiguous layers.

2. An integral wooden rim for the bodies of guitars and like musical instruments formed without a vertical joint.

3. In a guitar and like musical instruments an integral neck piece and body band or rim.

CHARLES A. GREGORY.

Witnesses:

FRED. J. SEARS,
WILL. P. McFEAT.