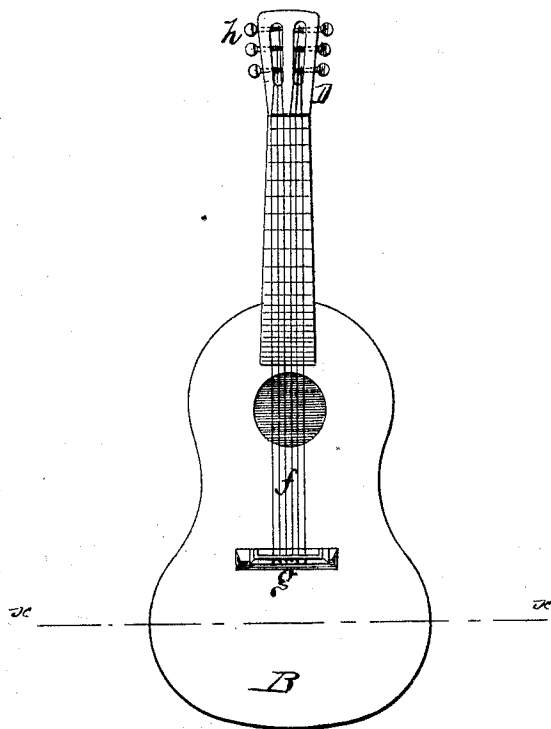


G. D. REED.  
Guitars.

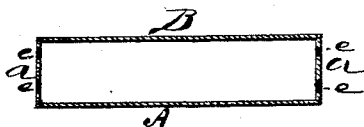
No. 145,241.

Patented Dec. 2, 1873.

*Fig: 1.*



*Fig: 2.*



*Witnesses:*

*H. C. Mattenborg*  
*R. Forsey* *Witnesses*

*Inventor:*

*George D. Reed*  
*per* *Wm. H. Weston*  
*att'y.*

# UNITED STATES PATENT OFFICE.

GEORGE D. REED, OF SPRINGFIELD, VT., ASSIGNOR OF TWO-THIRDS HIS  
RIGHT TO JULIUS E. GRAVES AND WILLIARD BAILEY, OF SAME PLACE.

## IMPROVEMENT IN GUITARS.

Specification forming part of Letters Patent No. **145,241**, dated December 2, 1873; application filed  
November 4, 1872.

*To all whom it may concern:*

Be it known that I, GEORGE D. REED, of Springfield, in the county of Windsor and State of Vermont, have invented a new and Improved Guitar; and that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings and to the letters of reference marked thereon, making a part of this specification.

This invention is in the nature of an improvement in guitars; and the invention consists in a guitar constructed with a metallic body, and a metallic or wood neck, and metallic or gut strings, substantially as hereinafter described.

In the accompanying sheet of drawings, Figure 1 is a plan or top view of guitar, and Fig. 2 is a cross-section of same taken in line *x x*, Fig. 1.

Similar letters of reference indicate like parts in the several figures.

I construct my guitar of a sheet-metal body. The back *A* and face *B* are cut out of any suitable thin sheet metal by dies constructed for that purpose or otherwise, and the sides or edges *a* are also of metal, and formed to the required shape by any suitable machinery, and they are secured to the face and back of the body by solder or rivets. Holes *e* may be formed in the sides for the emission of sound.

The body thus constructed may be provided with a metallic or wooden neck, *D*. This neck, if of metal, would be constructed hollow or of tubular form.

The strings *f* may be either of metal or gut, and are attached one end to the bracket *g* and the other to the pegs *h*, as in other guitars.

A guitar constructed substantially as above described, will be found to have great power and brilliancy of tone, and be particularly free from the ordinary twanging sound characteristic of guitars with a wooden body. Besides, as is apparent, my guitar can be constructed at a less cost than guitars as ordinarily made; and as a toy my guitar will be indestructible as well as cheap.

I am aware that banjos have been made with a face, back, and rim of sheet metal secured together.

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

As a new article of manufacture, a guitar having a sheet-metal body with or without a metallic neck and strings, when constructed as herein shown and described.

GEORGE D. REED.

Witnesses:

HENRY CLOSSON,  
GEORGE W. SANDERS.