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R. J. CARPENTER

STEEL FOR MUSICAL INSTRUMENTS

Filed August 23, 1923

FIG. 1

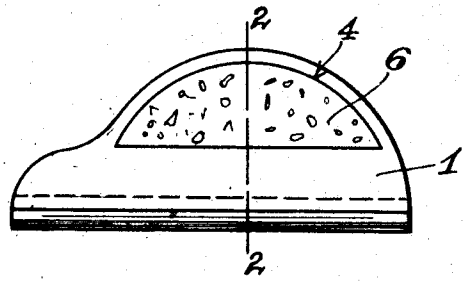
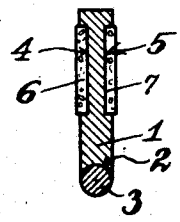



FIG. 2




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# UNITED STATES PATENT OFFICE.

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## STEEL FOR MUSICAL INSTRUMENTS.

Application filed August 23, 1923. Serial No. 658,923.

My invention is an improved steel to be used in playing the guitar, and has for an object the construction of a device of this character having gripping surfaces formed of a fibrous or cellular material, whereby the same is easily gripped between the thumb and finger without danger of slipping and with a minimum of effort.

Another object of my steel is to provide a reinforcing at the bottom thereof, which will materially increase its useful life.

Referring to the annexed drawing in which my invention is illustrated:

Figure 1 is a side elevation of my improved steel.

Figure 2 is a sectional view taken on the line 2—2 of Figure 1.

Referring more particularly to the drawing, 1 indicates the body of my steel, which may be formed in any desired shape. A groove 2 is formed in the lower edge of the body 1, in which a reinforcing rod 3 is secured. The rod 3 is formed of hard material such as tempered steel, to better resist the wearing action against the strings of the instrument.

Recesses 4 and 5 are formed in the sides of the body 1 and adjacent the top thereof, in which are placed layers 6 and 7 respectively of fibrous or cellular material, but preferably cork. Thus an excellent gripping surface is obtained which requires less muscular effort to hold the steel.

Having described my invention, I claim:

A steel for stringed instruments, comprising a body having recesses formed in the sides thereof, cork layers in said recesses, said body having a groove formed in its lower edge, and a reinforcing rod fixedly secured in said groove.

In testimony whereof I affix my signature.

RICHARD J. CARPENTER.