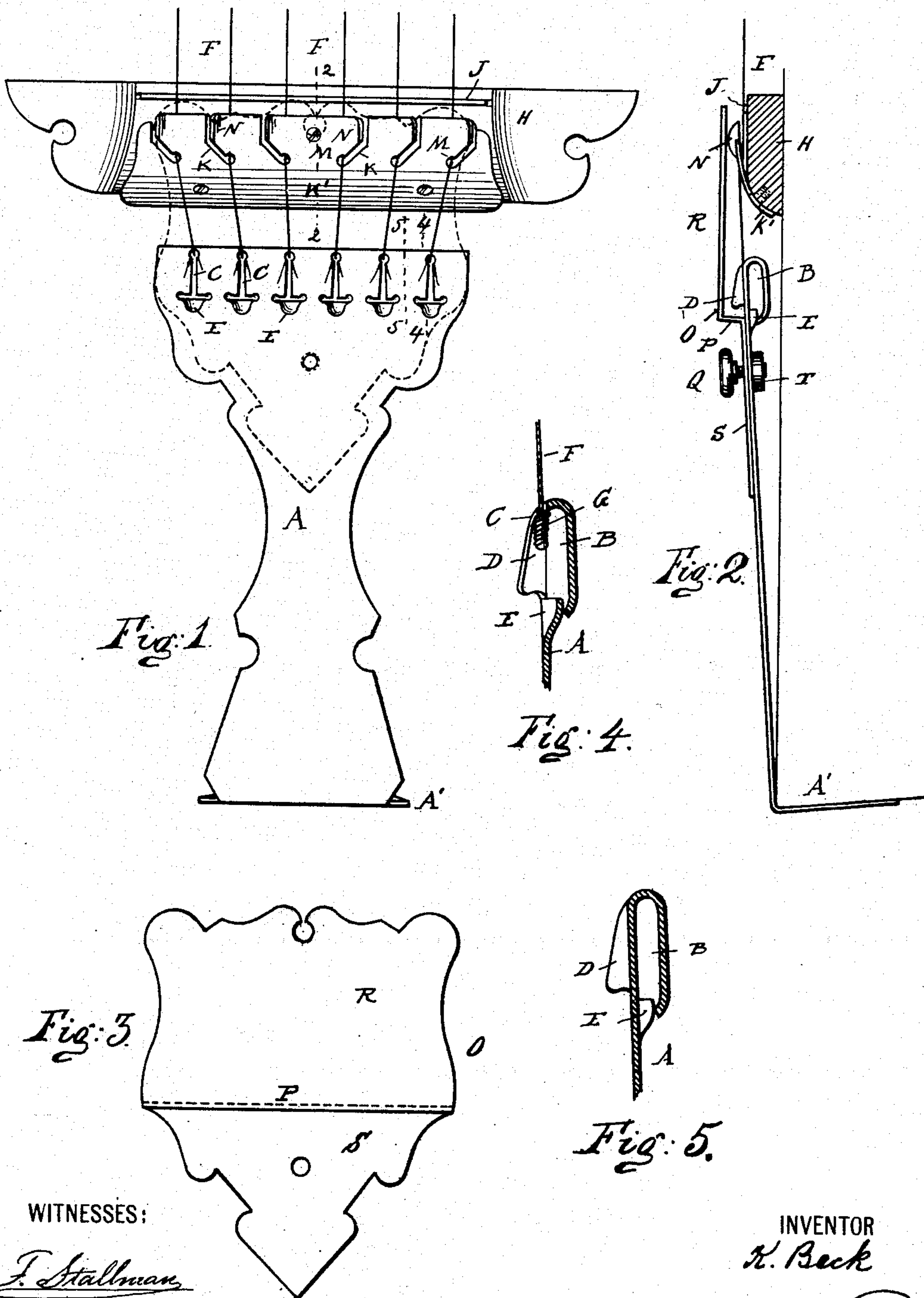


K. BECK.
GUITAR ATTACHMENT.
(Application filed Oct. 18, 1900.)

(No Model.)



WITNESSES:

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GUITAR ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 677,395, dated July 2, 1901.

Application filed October 18, 1900. Serial No. 33,200. (No model.)

To all whom it may concern:

Be it known that I, KILIAN BECK, a citizen of Germany, and a resident of the city of New York, borough of Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Guitar Attachments, of which the following is a specification.

This invention relates to improvements in guitars; and one object of my invention is to provide a new and improved tailpiece for holding metal guitar-strings firmly and securely and on which such strings can be easily and rapidly secured or removed.

A further object of my invention is to provide a new and improved string-grip, which holds the strings securely on the bridge against lateral displacement.

Another object of my invention is to provide a new and improved hand-rest, which forms a convenient rest for the playing-hand and protects the same from injury by the twisted or knotted ends of the strings on the tailpiece or the projections on the tailpiece and string-grip.

In the accompanying drawings, in which like letters of reference indicate like parts in all the views, Figure 1 is a face view of my improved tailpiece, string-grip, and hand-rest, the latter shown in dotted lines. Fig. 2 is a longitudinal sectional view of the same. Fig. 3 is a face view of the hand-rest. Figs. 4 and 5 are detail enlarged sectional views of the tailpiece on the lines 4-4 and 5-5, respectively, of Fig. 1.

The tailpiece A is made of sheet metal and has one end A' bent over and provided with holes for screws by means of which the tailpiece can be secured to the guitar. At the opposite end the metal is doubled over on the under side to form a pocket B, extending the entire width of the tailpiece at said upper end. At said upper end a slot C is formed for each string in the top of the tailpiece, the slots extending lengthwise of the tailpiece from the upper end for a distance, say, of about three-eighths of an inch, more or less, and the metal at each side edge of each slot C is bent up to form a wing D, said wings being inclined upward toward each other and gradually increasing in width in the direction from the upper to the lower end of the tailpiece, the slots increasing in width also.

At the lower end of each slot C a tapering approximately semicircular depression E is formed in the upper surface of the tailpiece. The ends of the metal strings F are coiled or knotted to form a head G, and the strings are passed through the slots C in the direction toward the face of the tailpiece, so that the heads G rest in the depressions E, and when the strings are then pulled lengthwise the heads G pass into the pocket B and below the upturned wings D.

On the wooden bridge-piece H, fastened on the top of the guitar, a metal bridge-strip J is inserted, and on the top of the bridge-piece a metal plate K' is fastened, which is provided in its upper edge part with a series of L-shaped slots K, terminating in a recess M, extending toward the edge at which the slots K begin. One edge of that part of each slot extending in the direction of the string is bent up to form a wing N on that side of the slot corresponding to the direction in which the other shank of the slot extends. The strings before being drawn taut are inserted laterally into the slots K, so as to pass into the recess M and below the wings N, whereby the strings are gripped and held firmly.

The hand-rest consists of a metal plate O, having a transverse offset or shoulder P, forming two wings R and S in different planes. The wing S is placed on the upper part of the tailpiece in such a manner that the wing R extends over the upper end part of the tailpiece and over the string-grip. A screw Q is passed through a hole in the wing S and screwed into a threaded boss T on the under side of the tailpiece. The player's hand is rested on the smooth upper surface of the wing R and is thus kept out of contact with the wings on the upper end of the tailpiece and on the string-grip and the projecting ends of the strings, which are apt to prick and cut the hand. The hand-rest also affords a firmer and better support than the upper end part of the tailpiece and the string-grip.

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

1. A guitar-tailpiece, having one end doubled over on the under side to form a pocket, slots in the top of said pocket extending

lengthwise of the tailpiece, the sides of adjacent slots being bent up toward each other to form wings, substantially as herein set forth.

2. A guitar-tailpiece, having one end doubled over on the under side to form a pocket, tapering slots in the top of said pocket extending lengthwise of the tailpiece, tapering sides of the adjacent slots being bent up toward each other to form wings, and depressions in the upper surface of the tailpiece at the wider ends of the slots, substantially as herein set forth.

3. A string-grip for guitars composed of a strip of metal secured on a bridge and provided with L-shaped slots extending inward

from one edge of the strip, one edge of each slot being bent up to form a wing, substantially as herein set forth.

4. A string-grip for guitars, composed of a strip of sheet metal having slots extending inward from one edge and terminating in recesses extending toward said edge, substantially as herein set forth.

Signed at New York city, in the county of New York and State of New York, this 9th day of October, A. D. 1900.

KILIAN BECK.

Witnesses:

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