(No Model.)

G. H. EAMES.

CHIN REST FOR VIOLINS.

No. 493,020. Patented Mar. 7, 1893.

Fig. 1.

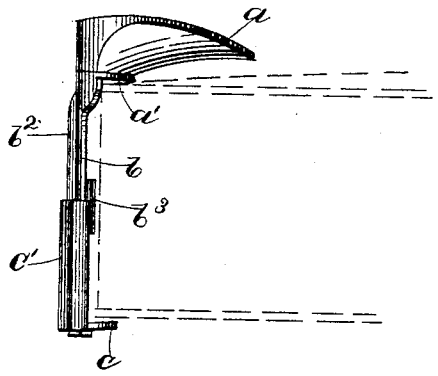


Fig 2

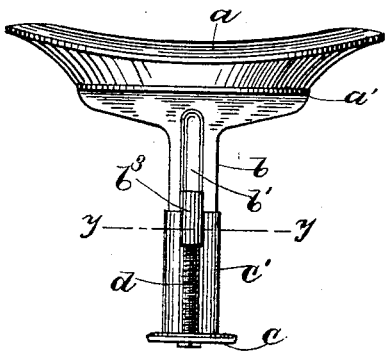
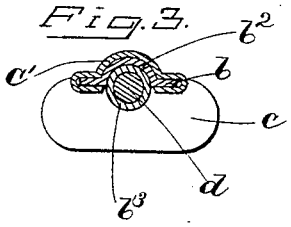


Fig. 3.



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UNITED STATES PATENT OFFICE.

GEORGE H. EAMES, OF SOUTH FRAMINGHAM, MASSACHUSETTS.

CHIN-REST FOR VIOLINS.

SPECIFICATION forming part of Letters Patent No. 493,020, dated March 7, 1893.

Application filed November 17, 1892. Serial No. 452,243. (No model.)

To all whom it may concern:

Be it known that I, GEORGE H. EAMES, of South Framingham, county of Middlesex, State of Massachusetts, have invented an Improvement in Chin-Rests for Violins and the Like, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

This invention has for its object to improve the construction of chin rests for violins and the like, whereby it may be adjusted to fit and be secured to instruments of different thicknesses, and my invention consists in details of construction to be hereinafter set forth.

Figure 1, shows in side elevation a chin rest embodying this invention. Fig. 2, a front elevation of the chin-rest shown in Fig. 1, and Fig. 3, an enlarged cross section of the chin-rest shown in Fig. 2, taken on the dotted line *y*—*y*.

The support for the rest *a*, is composed of two parts movable one with relation to the other, the upper part being formed or struck up from sheet metal, and comprising a lip *a'*, to which the rest *a*, is attached, and which is adapted to bear upon the face or upper side of the instrument, a downwardly extended post or shank portion *b*, having a central vertical groove or depressed portion *b'*, formed upon its inside, which thereby produces a corresponding vertical rib or projection b^2, upon the outside. The lower part of the support or holder is likewise struck up or formed from sheet metal, comprising the lip *c*, adapted to bear against the underside of the instrument, and the upwardly extended post or shank portion *c*, having a central vertical groove or depressed portion upon the inside to receive the vertical rib or projection b^2, and the edges of said upwardly extended post or shank portion are overturned or folded upon itself to embrace the edges of the post or shank portion *b*. A screw *d*, passes up through the lip *c*, and enters the internally screw threaded projection b^3, secured to the inside of the post or shank portion *b*. This projection b^3, may be made of a piece of tubing, screw threaded internally, and soldered or otherwise secured to the post or shank portion in the groove or depression *b'*. By turning the screw *d*, it will be seen that the lips *a'*, and *c*, are moved toward and from each other, to thereby attach the support or holder to instruments of varying thicknesses. The rib b^2, serves as a guide for the grooved shank portion *c'*, while stiffness of the parts is materially increased by grooving, and the groove *b'*, also presents a suitable recess for the passage of the screw *d*, in order that the support or holder may be brought much closer to the instrument.

Felt or cork, or other suitable packing will be interposed between the lips and the body of the instrument.

I claim—

The chin-rest for violins and the like, consisting of the combination of the rest *a*, and its support or holder, comprising the upper and lower part, movable one with relation to the other, the upper part having a lip *a'*, a downwardly extended post or shank portion *b*, with a vertical groove *b'*, upon the inside, and corresponding vertical rib b^2, upon the outside, and the internally screw threaded projection b^3, and the lower part having the lip *c*, and an upwardly extended post or shank portion *c'*, with a vertical groove upon its inner side, to receive the rib b^2, and with folded edges to embrace the edges of the upper part, and the screw *d*, passing up through the lip *c*, and entering or passing through the projection b^3, all substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

GEORGE H. EAMES.

Witnesses:
BERNICE J. NOYES,
LUCY F. GRAVES.