No. 776,434.

PATENTED NOV. 29, 1904.

J. W. SMITH.

VIOLIN WRIST BRACE.

APPLICATION FILED NOV. 16, 1903.

NO MODEL.

Fig. 1.

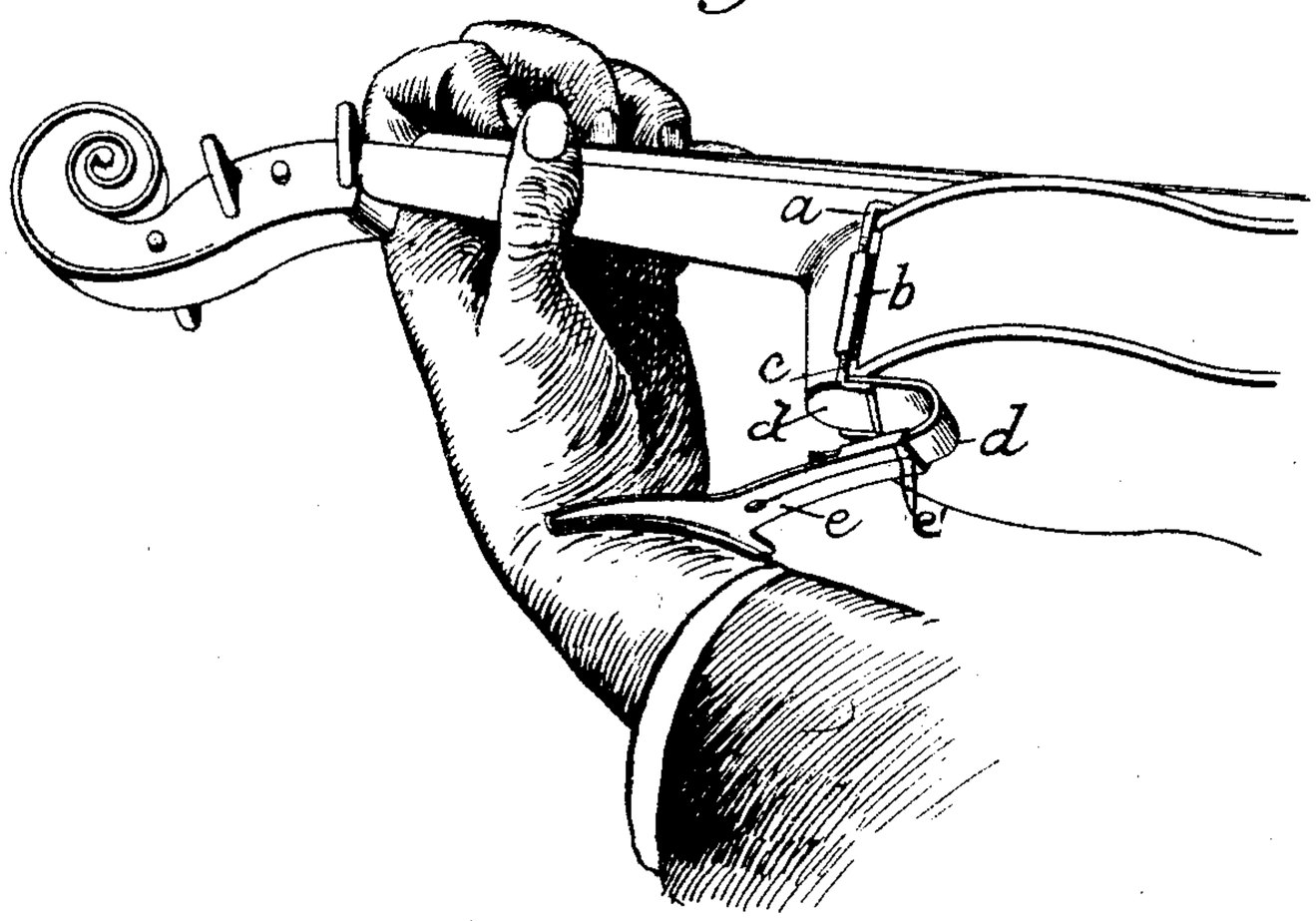


Fig. 2.

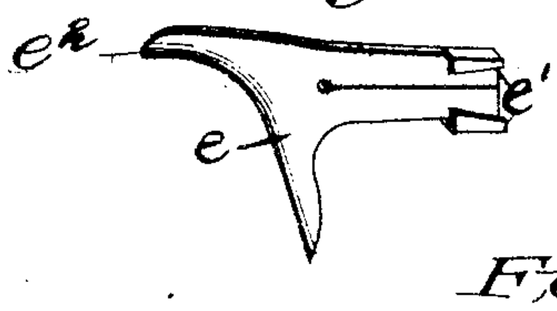


Fig. 3.

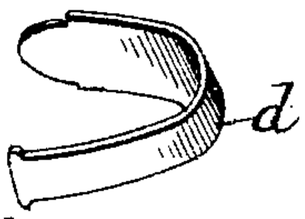


Fig. 4.

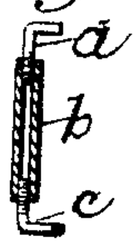
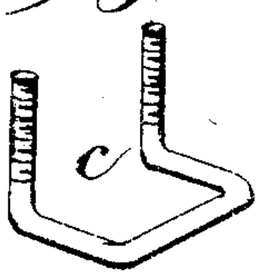


Fig. 5.



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No. 776,434. Patented November 29, 1904.

UNITED STATES PATENT OFFICE.

JAMES W. SMITH, OF WELLINGTON, KANSAS.

VIOLIN WRIST-BRACE.

SPECIFICATION forming part of Letters Patent No. 776,434, dated November 29, 1904.

Application filed November 16, 1903. Serial No. 181,464. (No model.)

To all whom it may concern:

Be it known that I, JAMES W. SMITH, a citizen of the United States, residing at Wellington, in the county of Sumner and State of Kansas, have invented a new and useful Violin Wrist-Brace, of which the following is a specification.

My invention relates to a brace for the wrist when playing the violin; and the objects of my invention are, first, to provide a medium to assist the pupil in obtaining the correct position of the wrist while playing the violin, and, second, to afford facilities for executing the shake. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view showing my improved attachment to a violin. Figs. 2 and 3 are perspective views of component parts or members of the brace. Fig. 4 is a sectional view of the clamping member. Fig. 5 is a perspective view of a portion of the clamp.

My violin attachment is formed of a clamp adapted for application to the neck end of the violin, as shown in Fig. 1, a brace proper, *e*, adapted to rest or bear upon the wrist of the player, and an intermediate device *d*, which connects the said clamp and brace proper, but is detachable from both. The clamp is formed of hooks *a*, having screw-threaded shanks, a U-shaped hook *c*, also having threaded shanks, and connecting-tubes *b*, which are threaded internally and adapted to receive the parts *a c*. The part *c*, or clamp proper, is bent at a right angle at a point adjacent to its closed end, which extends across one end of the U-shaped piece *d*, that detachably connects the clamp and brace proper, and thus holds the piece *d* firmly against the under side of the violin, where the tubes or cylindrical nuts *b* are rotated to tighten the clamp upon the violin. It will be noted (see Fig. 2) that one horn or arm e^2 of the brace *e* is extended, so that in use it bears against the side of the wrist adjacent to the thumb of the player.

One end of the piece *d* is provided with lateral lugs or projections. One end of the brace *e* is split longitudinally, and the spring-arms thus formed are constructed with integral flanges e^2, bent inwardly and serving as jaws to clasp and hold the bent piece *d* in any adjustment between them. Thus one end of part *d* is held detachably by the clamp *a b c* in contact with the violin, and the other end is clamped between the ears or flanges e^2 of the brace *e*. (See Fig. 2.)

What I claim is—

1. The improved violin-brace comprising a clamp adapted for application to a violin, and a U-shaped piece which is held by said clamp, and a brace proper adapted to bear upon the wrist of the player, and having its opposite end provided with spring-jaws adapted for detachable engagement with the free end of said U-shaped piece, substantially as described.

2. The improved violin-brace comprising a violin-clamp consisting of hooks having threaded shanks, and the angular clamp proper having threaded shanks, tubes connecting said parts, a brace proper adapted to bear upon the wrist of the player, the U-shaped connecting-piece which is held at one end by said clamp, and at the other by the brace, thus serving to rigidly connect them, substantially as described.

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

JAMES W. SMITH.

Witnesses:
W. B. TRACY,
C. A. TRACY.