

H. C. BARNES.  
Chin-Rest for Violins.

No. 213,804.

Patented April 1, 1879.

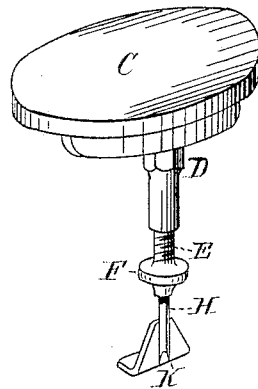


Fig. 1.

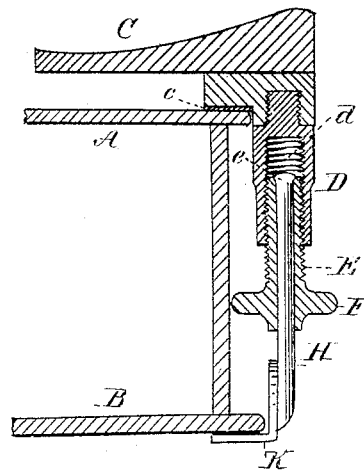


Fig. 2.

WITNESSES

*Frank G. Parker*  
*Charles W. Fogg.*

INVENTOR

*Howard Barnes*

# UNITED STATES PATENT OFFICE.

HOWARD C. BARNES, OF BOSTON, MASSACHUSETTS.

## IMPROVEMENT IN CHIN-RESTS FOR VIOLINS.

Specification forming part of Letters Patent No. **213,804**, dated April 1, 1879; application filed January 10, 1879.

*To all whom it may concern:*

Be it known that I, HOWARD C. BARNES, of the city of Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Chin-Rests for Violins, of which the following is a specification:

The nature of my invention consists in combining with the chin-piece a screw-socket, into which a screw-quill enters, the screw-quill holding loosely within its hollow center an extension-rod, the lower end of which is rigidly attached to the rear clamp of the device, the screw-quill being provided with a circular milled-disk, which enables the operator to easily revolve the screw-quill and thus adjust the clamp, or tighten or loosen the same when on the violin.

In the drawings, Figure 1 is a perspective view of my violin chin-rest. Fig. 2 is a vertical section of the same, showing a part of the violin.

Let A and B, respectively, represent the face and back of a violin. C is the chin-piece, which

has a ledge, *c*, lined with some soft material, so as not to mar the violin. D is a screw-socket, attached to the chin-piece C by a screw, or by any other suitable device. *d* is an interior screw, into which the screw-quill E, having an exterior screw, works. This screw-quill is turned by the milled disk F, attached to it. A rod, H, extending from the rear clamp, K, passes into the center of the screw-quill E, as shown in Fig. 2. This rod H may be held by having an enlarged head at *e*, or it may be clamped by the upper part of the quill E, which in that case is bifurcated for the purpose.

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

In a violin chin-rest, the combination of the screw-socket D and the screw-quill E with the rod H and rear clamp, K, substantially as described, and for the purpose set forth.

HOWARD C. BARNES.

Witnesses:

A. HUN BERRY,  
CHARLES H. FOGG.