

H. W. WHITE.
CHIN RESTS FOR VIOLINS.

No. 171,541.

Patented Dec. 28, 1875.

Fig. 1

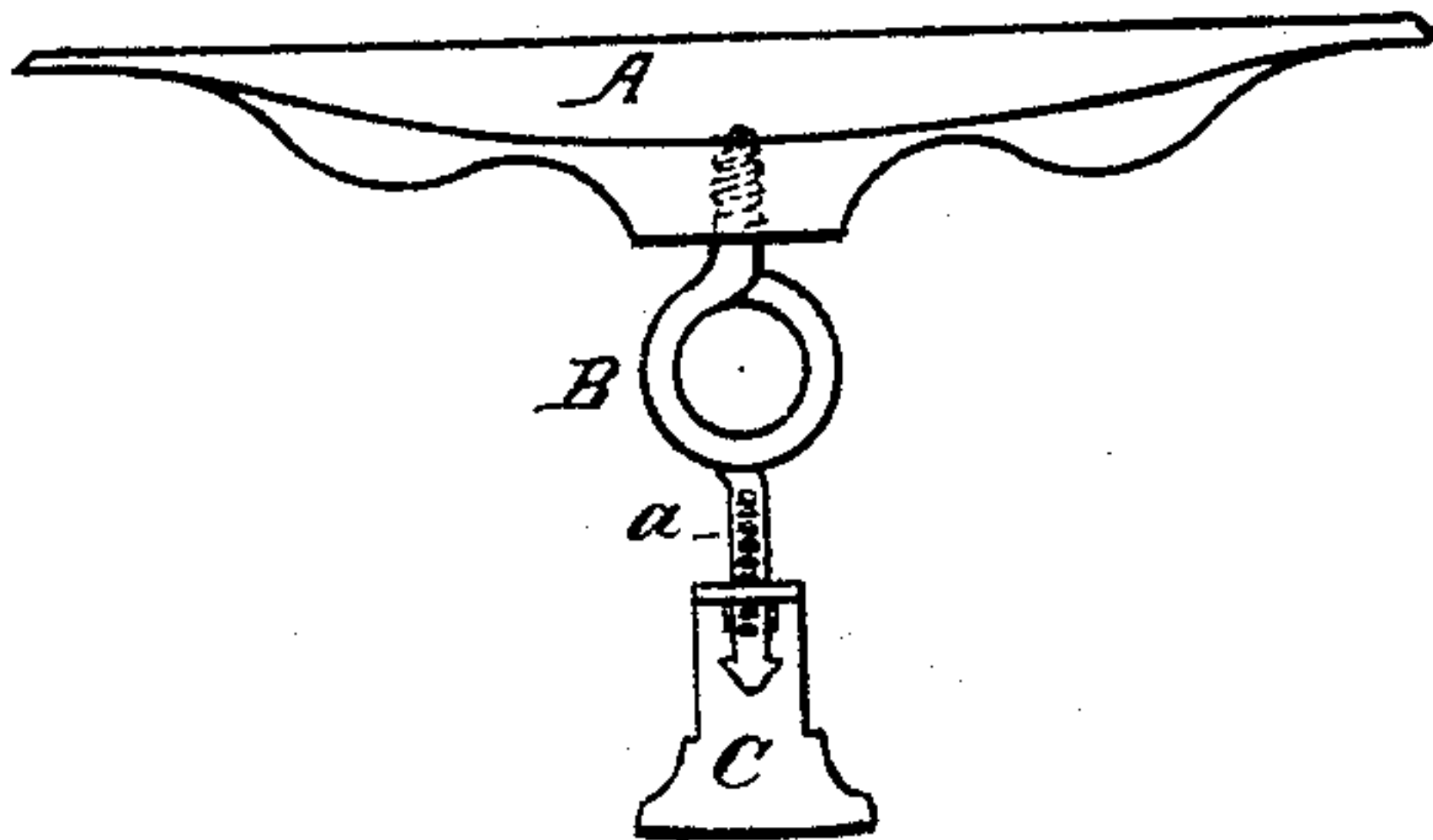


Fig. 2

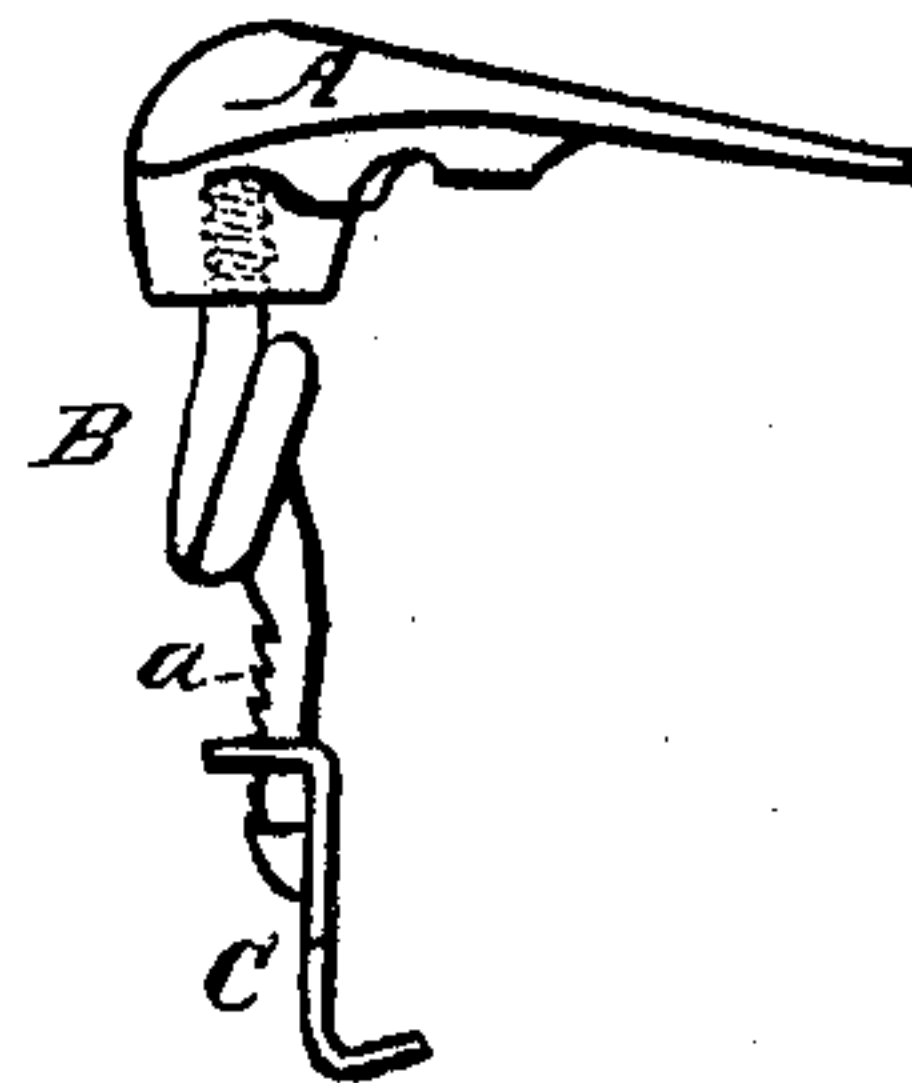


Fig. 3

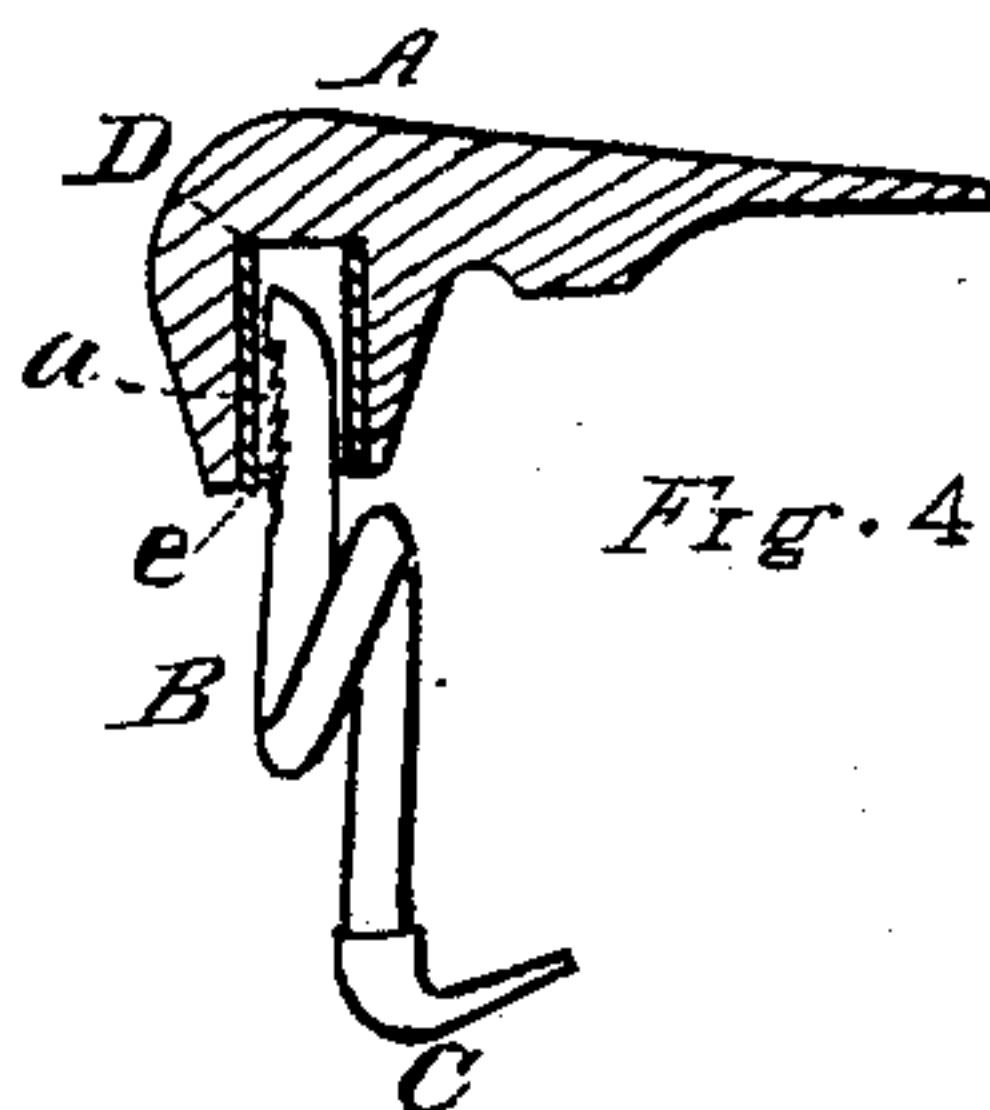
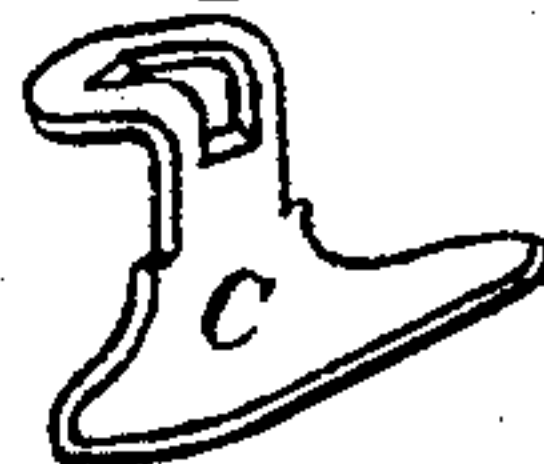


Fig. 4

WITNESSES

Silas C. Kellogg
Harry L. Slayton

INVENTOR

Hiram W. White
By Girdley & Warner
Attys.

UNITED STATES PATENT OFFICE.

HIRAM W. WHITE, OF OSKALOOSA, IOWA, ASSIGNOR TO GEORGE W. LYON
AND PATRICK J. HEALY, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN CHIN-RESTS FOR VIOLINS.

Specification forming part of Letters Patent No. **171,541**, dated December 28, 1875; application filed
November 20, 1875.

To all whom it may concern:

Be it known that I, HIRAM W. WHITE, of Oskaloosa, in the county of Mahaska and State of Iowa, have invented a new and useful Improvement in Chin-Rests for Violins, of which improvement the following is a full, clear, and exact description, which will enable others skilled in the art to which my invention appertains to make and use the said improvement, reference being had to the accompanying drawing forming a part hereof, and in which—

Figure 1 is a rear elevation of a chin-rest embodying my invention; Fig. 2, a side elevation of the same; Fig. 3, a perspective view of the clamp-hook detached; and Fig. 4, a side elevation, partly in section, and showing a modification in the construction of the device.

Like letters of reference indicate like parts.

The object of this invention is to provide improved means for rendering the rest adjustable to different violins.

In the drawing, A represents that part of the rest which clamps the upper side of the violin, and B is a shank, which enters the heel of the rest. *a a*, in Figs. 2 and 3, are notches or serrations cut in the lower end of the shank, as shown. This shank is made vertically yielding by being bent for that purpose, and if a single coil is made therein, as represented in the drawing, it will be sufficiently yielding for the purposes for which it is intended. When the serrations *a a* are made near the lower end of the shank, the upper end may be screw-threaded and screwed into the heel of the part A, as represented by the broken lines in Figs. 1 and 2. C is a clamp-hook, intended to clasp the under side of the violin. The upper part of this hook is

bent and cut to receive the lower end of the shank B, when the serrations *a a* are cut therein, so that the hook may be vertically adjusted on the shank, and held at any height within the range of this adjustability, by means of the serrations *a a*, which then engage the hook for that purpose, as represented in Figs. 1 and 2. The serrations *a a*, however, may be made in the upper end of the shank, and in the latter case the heel of the part A is provided with a bush, D, to receive the shank, and a lip, *e*, projects inwardly from the bush, so as to engage the serrations *a a*, as shown in Fig. 4. When a bush is employed for the purpose set forth the hook C is rigidly attached to the shank, or may be made in the same piece therewith.

It will be perceived from the foregoing description that the hook C, whether adjustably mounted on the shank or rigidly attached thereto, may be adjusted to different violins with facility, and also readily applied and removed from the same violin, the serrations *a a*, whether on the upper or lower end of the shank, admitting of this result. The shank should be made of metal sufficiently flexible or spring-like to be slightly yielding, when constructed as described.

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

In combination with the rest-piece A and clamp-hook C, the shank B, provided with the serrations *a a*, substantially as and for the purposes specified.

HIRAM W. WHITE.

Witnesses:

JOHN A. HOFFMAN,
S. H. CHAPMAN.