B. HENRIKSON & L. H. WRANGELL.

CHIN AND SHOULDER REST FOR VIOLINS.

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904,258. Patented Nov. 17, 1908.

Fig. 1.

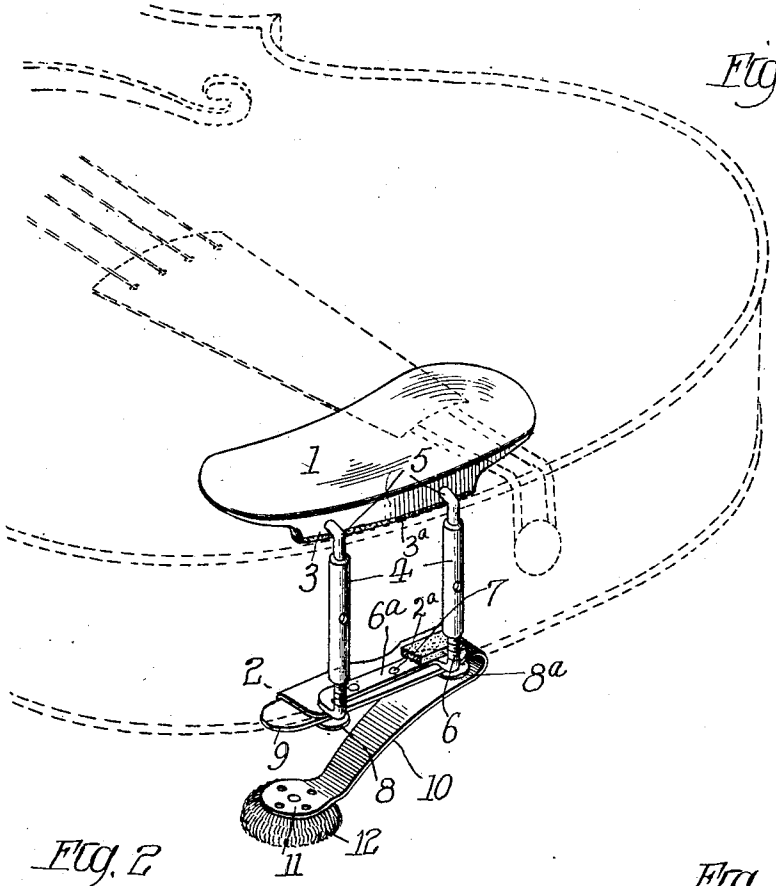


Fig. 2

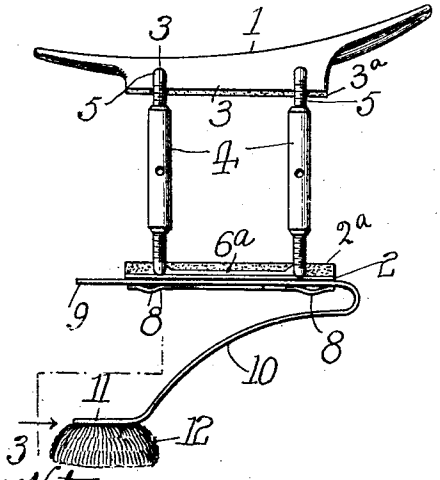
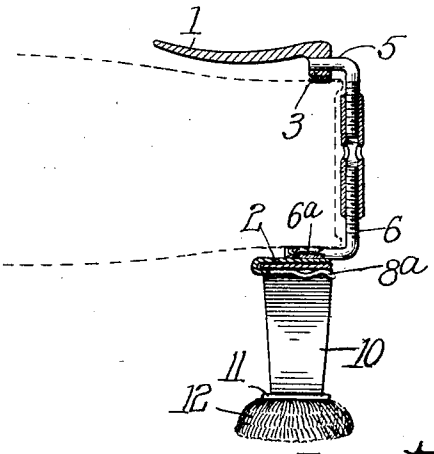


Fig. 3.



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UNITED STATES PATENT OFFICE.

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CHIN AND SHOULDER REST FOR VIOLINS.

No. 904,258. Specification of Letters Patent. Patented Nov. 17, 1908.

Application filed April 13, 1908. Serial No. 426,688.

To all whom it may concern:

Be it known that we, BERNHARDT HENRIKSON, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, and LUDVIG H. WRANGELL, a citizen of the United States, residing at Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented certain new and useful Improvements in Chin and Shoulder Rests for Violins, of which the following is a specification.

Our invention relates to a chin and shoulder rest for violins and the object thereof is to provide a device of this character which shall be simple and inexpensive in construction and efficient in use.

While we have herein shown our device in its complete form as a combined chin and shoulder rest yet, as will be understood from the description hereinafter given, the same is adapted for use as a chin rest alone by simply omitting the shoulder rest proper which may be readily done by merely detaching or removing the same. This ready attachment and detachment of the shoulder rest is of advantage inasmuch as it enables different sizes of such rests or different shapes thereof to be employed as desired or required by the user.

Other novel and advantageous features of our invention will be apparent from the description hereinafter given.

In the accompanying drawings Figure 1 is a perspective of our chin and shoulder rest illustrating the same attached to a violin, a portion of which is shown in dotted lines; Fig. 2 an end elevation of our device; and Fig. 3 a sectional elevation on the line 3—3 of Fig. 2.

Referring to the present embodiment of our invention as illustrated in the drawing, the chin rest proper comprises essentially two plates 1 and 2 the upper one of which is the chin rest proper and is consequently shaped so as to fit the chin, the same being preferably of the contour or shape illustrated. This upper plate or chin rest proper is provided at its rearward edge with a depending flange 3 which is adapted to bear against the top of the rearward edge of the violin as illustrated in Fig. 1, while the lower plate 2 is adapted to bear against the bottom edge thereof. Strips of cork, 2^a and 3^a are preferably attached to the inner faces of the lower plate 2 and the depending flange 3, to prevent the finish of the end of the violin becoming marred. In order to thus clamp the two main members of the chin rest to the violin we employ a pair of turn-buckles 4 which coöperate at their upper ends with a pair of right-angled screw-threaded rods 5 which enter said flange 3 and are thereby secured to the chin rest proper, and at their lower ends cooperate with a pair of upwardly-extending screw-threaded rods 6 which are secured to the lower plate 2 in any suitable manner. In the present instance the rods 6 are formed from a single piece bent to proper shape with the middle portion 6^a flattened and secured to the upper face of the lower plate 2 in suitable manner as by means of rivets 7. It will be understood that by operating the turn-buckles in the proper direction the chin rest may be clamped to or unclamped from the violin as the case may be.

In order to provide for a combined chin and shoulder rest, the lower plate 2 has means for receiving and holding the shoulder rest with a yielding pressure so that the latter may be readily and conveniently removed whenever desired so as to take up the minimum amount of space when not in use and also to enable a shoulder rest of different size or shape to be substituted. To this end the lower plate 2 is provided with spring sockets in order to receive and hold in place a portion or member of said shoulder rest, such socket in the present instance being formed by means of two tongues 8 of the same piece as the plate 2 and located at the ends thereof, said tongues being reversely bent below said plate to form a socket between them and the underside or face of the plate 2. The shoulder rest may be of suitable form although we prefer to employ the general form and construction herein illustrated in which the same is formed of a thin strip of resilient sheet metal bent to proper form. As shown this shoulder rest comprises a flat or straight portion 9 and, extending from the inner end of such flat portion, a reversely bent portion 10 extending outwardly and downwardly, that is, towards the left as the violin is held by the player, which terminates in a flat portion 11 to which may be secured, if desired, a pad 12; the length and rigidity of said portion 10 being such that the end of the same (consisting of the pad 12, if one be employed)

will rest high upon the shoulder of the player when the violin is held in position to be played. The straight flat portion 9 of the shoulder rest is adapted to be inserted in and held by the spring socket, such socket being open at one side for such purpose and by preference the extreme ends of the tongues are flared so as to permit of the ready introduction of said member of the shoulder rest in the socket. In the operation of flaring said tongues inwardly-directed beads 8^a are formed which serve to press firmly upon the inserted plate or member 9 of the shoulder rest.

It will be understood that, inasmuch as the shoulder rest is held to the chin rest with a yielding pressure, the same may be adjusted relatively thereto by merely sliding said plate or member 9 longitudinally with respect to the plate 2, thereby bringing the supporting end or pad 12 to the desired position. It will also be understood that this means for the ready attachment and detachment of the shoulder rest enables shoulder rests of different shape, angularity and size or length as to the portion 10 to be substituted as may be required or desired by the user. Furthermore it is obvious that the shoulder rest may be detached or another one substituted without removing the chin rest proper from the violin.

We claim:

1. A shoulder rest provided with means for attachment to the rear edge of a violin and comprising a plate provided with a reversely bent spring portion forming a spring socket, and a detachable supporting member consisting of a flat portion adapted to be received in and held by said spring socket and a reversely bent portion extending downwardly and outwardly toward the left as the violin is held for playing and forming the shoulder rest proper; substantially as described.

2. A shoulder rest provided with means for attachment to the rear edge of a violin and comprising a plate provided with reversely bent tongues forming clips, and a detachable supporting member consisting of a flat portion adapted to be received in and held by said clips and a reversely bent portion extending downwardly and outwardly toward the left as the violin is held for playing and forming the shoulder rest proper; substantially as described.

3. A shoulder rest provided with means for attachment to the rear edge of a violin and comprising a plate with a reversely bent spring portion forming a spring socket, and a detachable supporting member formed of resilient sheet metal and consisting of a flat strip adapted to be received in and adjustably held by said spring socket, and a reversely bent portion extending downwardly and outwardly toward the left as the violin is held for playing and forming the shoulder rest proper; substantially as described.

4. A shoulder rest for violins comprising a V-shaped supporting member formed of a strip of resilient metal, and means for detachably securing said member to the rear edge of a violin by its upper portion, said upper portion lying substantially in the plane of the back of the violin when attached thereto, with the apex of the supporting member towards the right and the lower portion thereof projecting downwardly and towards the left in position to rest high upon the shoulder of the player.

5. A shoulder rest for violins comprising a V-shaped supporting member formed of a strip of resilient metal, and a flat spring socket for detachably securing said member to the rear edge of a violin by its upper portion, said spring socket and upper portion of the supporting member lying substantially in the plane of the back of the violin when the shoulder rest is attached thereto, with the apex of the supporting member towards the right and the lower portion thereof projecting downwardly and towards the left in position to rest high upon the shoulder of the player.

6. A violin chin rest comprising a pair of substantially parallel plates adapted to be clamped to the top and bottom of the rear edge of a violin, the upper plate forming the chin rest proper and the lower plate having a socket facing rearwardly, means for clamping the plates to a violin, and a shoulder rest adapted to be received by and held in said socket; substantially as described.

7. A violin chin rest comprising a pair of substantially parallel plates adapted to be clamped to the top and bottom of the rear edge of a violin, the upper plate forming the chin rest proper and the lower plate having a flat spring socket extending parallel with said plates, means for clamping the plates to a violin, and a shoulder rest having a flat engaging portion adapted to be received by and adjustable lengthwise and sidewise in said socket; substantially as described.

8. A violin chin rest comprising a pair of substantially parallel plates adapted to be clamped to the top and bottom of the rear edge of a violin, the upper plate forming the chin rest proper and the lower plate having reversely bent tongues forming spring sockets facing rearwardly, means for clamping the plates to a violin, and a shoulder rest adapted to be received by and held in said sockets; substantially as described.

9. A violin chin rest comprising a pair of substantially parallel plates, the upper plate forming the chin rest proper and the lower plate provided with reversely bent tongues forming sockets and having flared ends, and a shoulder rest adapted to be received by and held in said sockets, and means for clamping

said plates to the top and bottom of the rear edge of the violin, substantially as described.

10. A violin chin rest comprising a pair of substantially parallel plates, the upper plate forming the chin rest proper and the lower plate provided with reversely bent tongues forming sockets in connection with such plate and having inwardly directed beads, and a shoulder rest adapted to be received by and held in said sockets, and means for clamping said plates to the top and bottom of the rear edge of the violin, substantially as described.

11. A violin chin rest comprising a pair of substantially parallel plates, the upper plate forming the chin rest proper and the lower plate having a flat spring socket, means for clamping the plates to the top and bottom of the rear edge of the violin, and a shoulder rest consisting of a flat engaging portion adapted to be received in and held by said socket and a reversely bent portion extending downwardly and outwardly toward the left as the violin is held for playing and forming the shoulder rest proper; substantially as described.

12. A violin chin rest comprising a pair of substantially parallel plates adapted to be clamped to the top and bottom of the rear edge of a violin, the upper plate forming the chin rest proper and the lower plate having a socket, means for clamping the plates to a violin, and a shoulder rest formed of resilient sheet metal and consisting of a flat strip adapted to be received in and held by said socket and a reversely bent and angular portion forming the shoulder rest proper; substantially as described.

13. A violin chin rest comprising a pair of substantially parallel plates adapted to be clamped to the top and bottom of the rear edge of a violin, the upper plate forming the chin rest proper and the lower plate having a socket, means for clamping the plates to a violin, and a shoulder rest formed of resilient sheet metal and consisting of a flat strip adapted to be received in and held by said socket and a reversely bent and angular portion forming the shoulder rest proper and terminating in a flat portion to which a pad may be attached; substantially as described.

14. A violin chin rest comprising a pair of substantially parallel plates adapted to be clamped to the top and bottom of the rear edge of a violin, the upper plate forming the chin rest proper and the lower plate having a flat spring socket facing rearwardly, means for clamping the plates to a violin, and a shoulder rest formed of a strip of resilient sheet metal and having a flat engaging portion adapted to be received and held by said socket; substantially as described.

15. A violin chin rest comprising a pair of substantially parallel plates adapted to be clamped to the top and bottom of the rear edge of a violin, the upper plate forming the chin rest proper, screw threaded rods connected with said plates, turn-buckles cooperating with said rods to thereby clamp the chin rest to the violin, the lower plate having a spring socket portion, and a shoulder rest having an engaging portion fitting in said socket portion and a reversely bent portion extending downwardly and outwardly toward the left as the violin is held for playing and forming the shoulder rest proper; substantially as described.

16. A violin chin rest comprising a pair of substantially parallel plates adapted to be clamped to the top and bottom of the rear edge of a violin, the upper plate forming the chin rest proper, screw threaded rods connected with said plates, turn-buckles cooperating with said rods to thereby clamp the chin rest to the violin, the lower plate having a spring socket formed by a reversely turned portion thereof, and a shoulder rest having a flat strip portion fitting and adjustable in said socket and another portion forming the shoulder rest proper; substantially as described.

17. A violin chin rest comprising a pair of substantially parallel plates adapted to be clamped to the top and bottom of the rear edge of a violin, the upper plate forming the chin rest proper, screw threaded rods connected with said plates, turn-buckles cooperating with said rods to thereby clamp the chin rest to the violin, the lower plate having tongues reversely turned and provided with inturned beads towards their free ends, and a shoulder rest having a flat strip portion fitting in said socket and another portion forming the shoulder rest proper; substantially as described.

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