

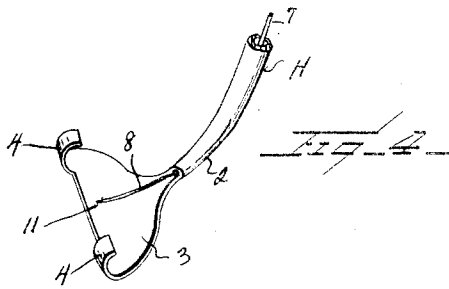
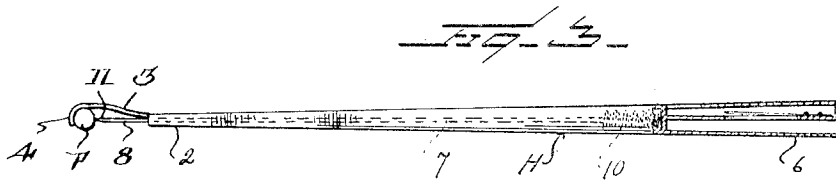
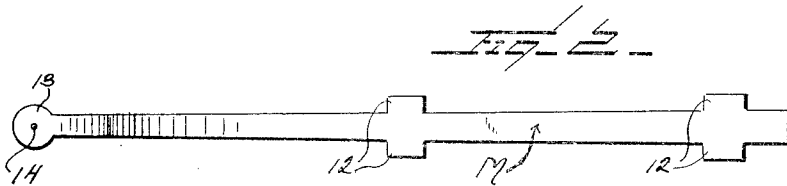
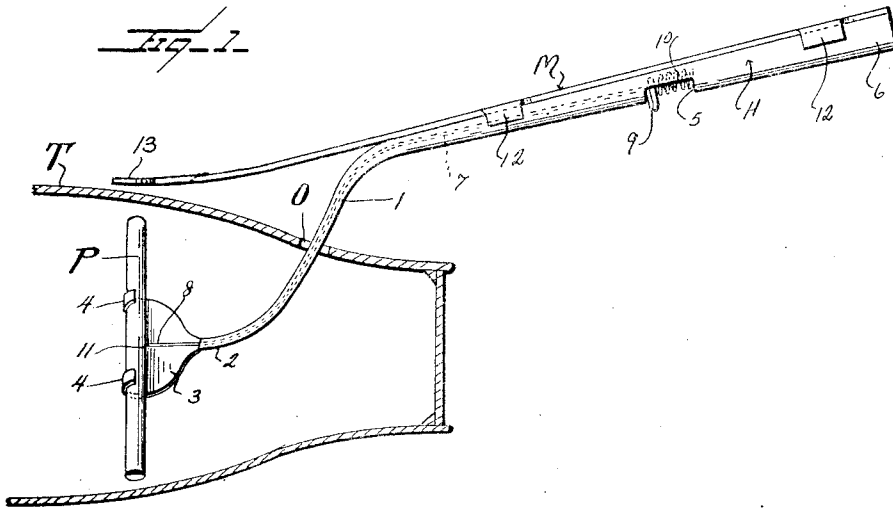
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J. B. MYERS

SOUND POST SETTING DEVICE

Filed March 4, 1924



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SOUNDPOST-SETTING DEVICE.

Application filed March 4, 1924. Serial No. 696,863.

To all whom it may concern:

Be it known that I, JOSEPH B. MYERS, a citizen of the United States, residing at Mount Pleasant, in the county of Westmoreland and State of Pennsylvania, have invented certain new and useful Improvements in Soundpost-Setting Devices, of which the following is a specification, reference being had to the accompanying drawings.

10 This invention relates to certain improvements in musical instrument adjusting tools and has relation more particularly to a device of this general character especially designed and adapted for use as a soundpost
15 setter, and it is an object of this invention to provide novel and improved means whereby a soundpost may be inserted within the body of a violin and set in its proper position between the top and bottom of the instrument.
20

Another object of this invention is to provide a device of this general character having novel means whereby the proper position of the soundpost within the body of the
25 violin may be determined by an indicator extending exteriorly of the musical instrument.

An additional object of this invention is to provide a device of this character which will
30 firmly grasp the soundpost and enable a person to set it in any desired location within the violin body, and wherein is provided an indicator or marker which shows the location of the soundpost in its position under
35 the top of the violin.

The invention consists in the details of construction and in the combination and arrangement of the several parts of my improved device whereby certain important
40 advantages are attained and the device rendered simpler, less expensive, and otherwise more convenient and advantageous for use, as will be hereinafter more fully set forth.

The novel features of my invention will
45 hereinafter be definitely claimed.

In order that my invention may be the better understood, I will now proceed to describe the same with reference to the accompanying drawings, wherein it will be understood that various changes and modifications
50 may be made as to the detailed construction and arrangement of parts without departing from the spirit of the invention as hereinafter claimed, and in which drawings;—

55 Figure 1 is a partial sectional elevation

showing the device in the inserted position in a violin,

Figure 2 is a plan of the indicating member,

Figure 3 is a plan view partially in section
60 of the setting device,

Figure 4 is a perspective view of the inserted and grasping end of the setting device.

As disclosed in the accompanying drawings, H denotes an elongated tubular member having an arcuate portion 1 constructed on a requisite curvature. The inner end
2 of the member H terminates in a plate 3 provided at its opposite end with inwardly
70 curved hooks 4 adapted to engage a soundpost P. The member H is also provided with an opening 5 in the wall of the outer portion of the member and has its outer end
6 so constructed as to provide a pitch pipe.
75

Disposed longitudinally within the member H is a flexible member 7 whose outer end
8 is adapted to overlie the plate 3 in such a manner that its continuation would pass between the hooks 4. The inserted end of the
80 flexible member 7 terminates in a projection 9 extending through and slidably disposed within the opening 5 and providing an operating trigger. A spring member 10 arranged in the opening 5 coacts with the member 7
85 to urge said member in its outwardly projected position wherein the end 11 of the flexible member engages the soundpost P.

M denotes a second elongated curved member having inwardly facing curved
90 clips 12 partially embracingly engaging the member H for attaching said member to the member H. The extended end of the member M is provided with a disc 13 having a central opening 14, said
95 member M being coextensive with the member H and so adapted that the opening 14 will be disposed substantially in line with the axis of the soundpost held in the book members 4.
100

In operating my improved device, the member 7 is retracted against the action of the spring 10 by means of the trigger 9. The soundpost P is then placed in the hooks
4 and the trigger released. The engaging
105 end of the device is inserted within the body of the violin through an "f" opening O and the outer portion of the member H so moved as to bring the soundpost to its normal upright position between the top and back of
110

the instrument under the "E" string. The member M will extend above the top T and a pencil or similar device inserted in the opening 14 will indicate to the operator of my improved setter the position of the soundpost within the instrument body. The trigger is then moved to its retracted position against the spring, releasing the soundpost, and the device withdrawn.

10 I claim:—

1. In a sound post setting device, a handle member, means at one end thereof for engagement with a sound post, a flexible member movably mounted within the handle for engagement with the sound post, spring means normally urging said flexible member in one direction to engage the sound post, a trigger connected with the flexible member for retracting the same from engagement with the sound post, the handle having an opening permitting movement of the trigger, and an indicator carried by the handle and positioned in line with a sound post engaged by the first named means on the handle.

2. In combination, a soundpost setting device comprising a handle member terminating at one end in a plate, said handle member being provided with an opening in the

30 wall thereof, said plate being provided at the outer end thereof with hook members adapted to engage a violin soundpost, a flexible member longitudinally disposed interiorly of said handle member to engage said soundpost, said flexible member being provided at its inserted end with an outwardly extending trigger projecting through and sliding within said opening in the handle member, means carried by said handle member for urging said flexible member into its engaged position, and an elongated member secured to said handle member and indicating exteriorly of the instrument the position of the soundpost set within.

3. A soundpost setting device comprising an elongated member insertible within the body of an instrument, the inserted end portion of the member being provided with grasping means, and an indicating member carried by the opposite end portion of the first named member and extending over a face of the body of the instrument when the first named member is inserted within said body.

In testimony whereof I hereunto affix my signature.

JOSEPH B. MYERS.