No. 683,967. Patented Oct. 8, 1901.

E. MOLLENHAUER.

ATTACHMENT FOR STRINGED MUSICAL INSTRUMENTS.

(Application filed Feb. 15, 1901.)

(No Model.)

Fig. 1.

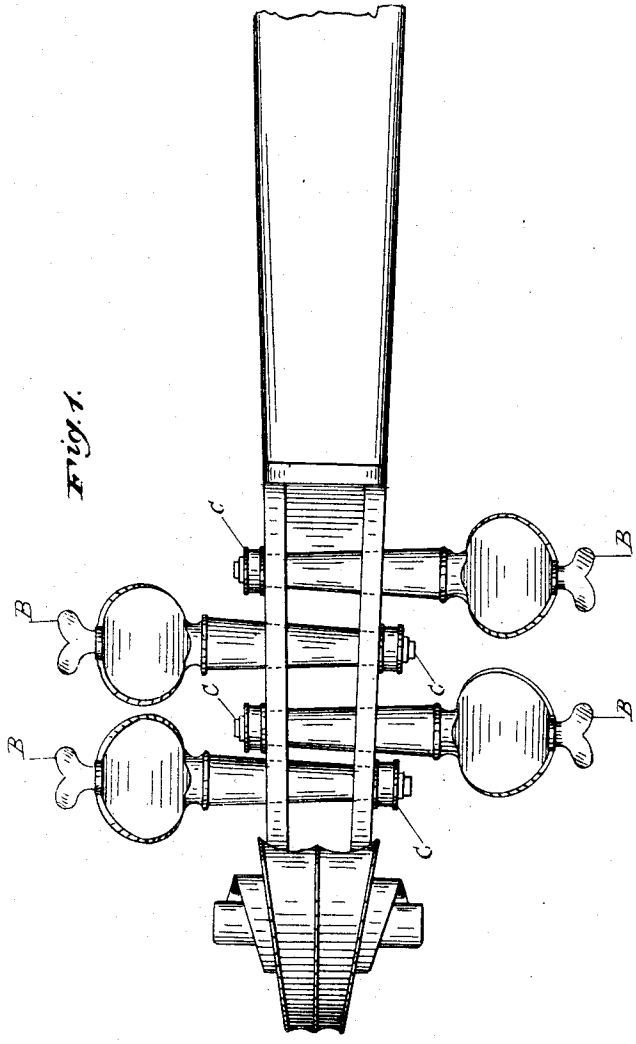
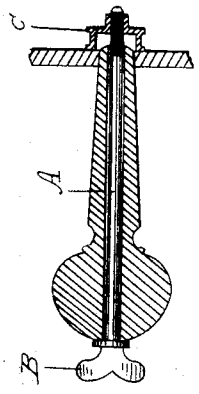


Fig. 2.



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ATTACHMENT FOR STRINGED MUSICAL INSTRUMENTS.

SPECIFICATION forming part of Letters Patent No. 683,967, dated October 8, 1901.

Application filed February 15, 1901. Serial No. 47,525. (No model.)

To all whom it may concern:

Be it known that I, EDWARD MOLLENHAUER, a citizen of the United States, residing at 320 Lenox avenue, in the city of New York, county and State of New York, have invented new and useful Improvements in Attachments for Stringed Musical Instruments, of which the following is a specification.

My invention relates to improvements in attachments to pegs adapted to be employed in stringed musical instruments; and the object of my invention is to prevent the pegs from slipping while the instrument is being tuned or after it has been tuned. This object is attained by the mechanism represented in the accompanying drawings, in which—

Figure 1 represents a front view of a violin having my attachment applied thereto. Fig. 2 represents a central longitudinal sectional view of a violin-peg detached, also showing my attachment applied thereto.

Similar letters refer to corresponding parts in both the views.

My invention is adapted to be applied to the ordinary pegs in present use in violins and other stringed musical instruments in which pegs are employed in tuning.

In order to prevent the pegs from slipping while being tuned and to maintain the instrument in tune indefinitely, rods A are provided and which are introduced so as to pass centrally through the pegs, as shown more clearly in sectional view, Fig. 2. To one end of these rods A are secured thumb-nuts B, by means of which, together with the stationary nuts C on the opposite threaded ends thereof, the pegs may be drawn into their seats and firmly maintained therein, as shown, thereby preventing the pegs from slipping and maintaining the instrument in tune indefinitely. It will be observed that the nuts C are recessed in order to admit therein the projecting ends of the pegs, so as not to interfere therewith. It will be understood that by this construction and arrangement of locking mechanism by loosening the threaded rods A the pegs are liberated and may be turned in tuning the same as though no locking devices were attached thereto.

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

1. In combination with an ordinary tuning-peg composed of a single piece and adapted to be employed in stringed, musical instruments, a tightening-rod fitted loosely and passing centrally therethrough, a thumb-nut secured to one end and a stationary nut fitted to the threaded opposite end thereof substantially as and for the purpose set forth and shown.

2. In combination with an ordinary tuning-peg consisting of a single piece and adapted to be employed in stringed, musical instruments, a tightening-rod fitted loosely and passing centrally therethrough and having a thumb-nut secured to one end thereof and a fixed nut fitted to its opposite, threaded end whereby the peg may be liberated and turned independently of the tightening-rod in tuning, and the peg subsequently locked as and for the purpose set forth.

3. In combination with an ordinary tuning-peg consisting of a single piece and adapted to be employed in stringed, musical instruments, a tightening-rod fitted loosely and passing centrally therethrough, a thumb-nut secured to one end thereof, and a recessed, fixed nut fitted to its opposite threaded end as and for the purpose set forth and shown.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, this 13th day of February, 1901.

EDWARD MOLLENHAUER.

Witnesses:

R. H. STROTHMANN,

W. W. RICHARDS.