

No. 748,286.

PATENTED DEC. 29, 1903.

W. J. KEAST.
VIOLIN BOW ATTACHMENT.
APPLICATION FILED SEPT. 16, 1903.

NO MODEL.

Fig. 1.

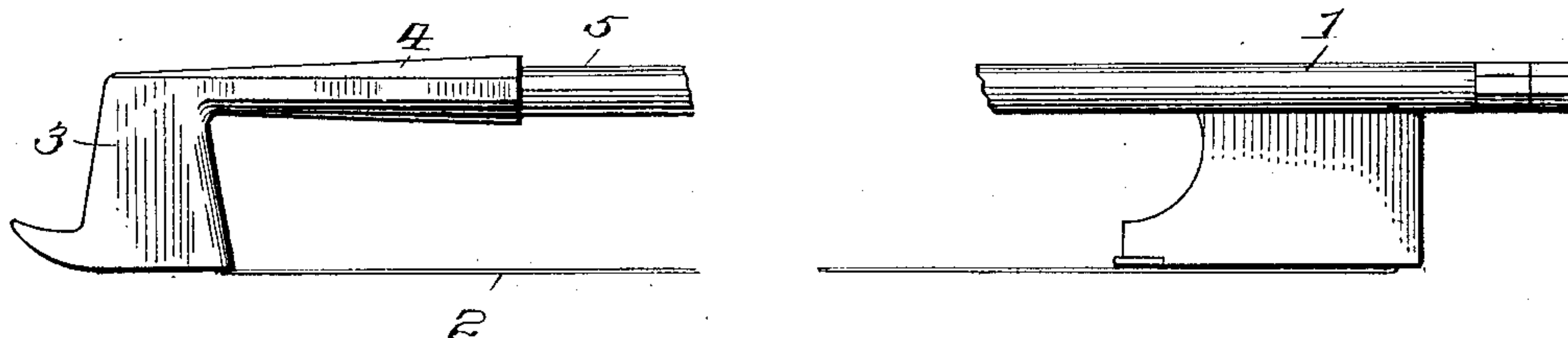


Fig. 2.

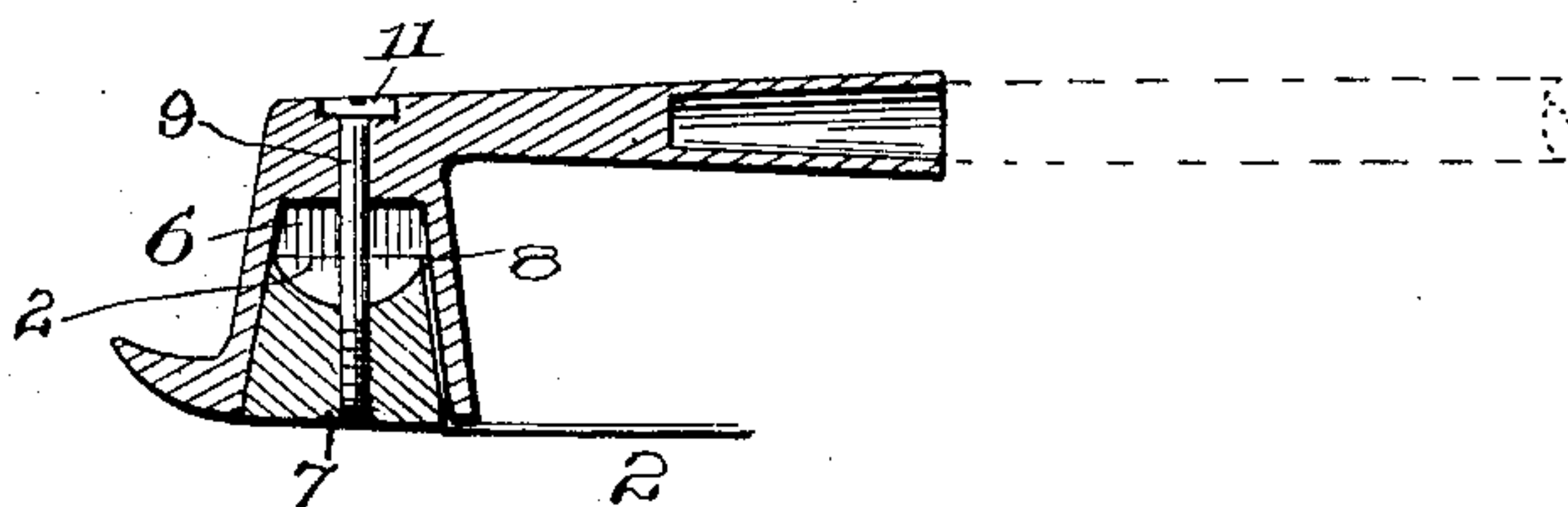
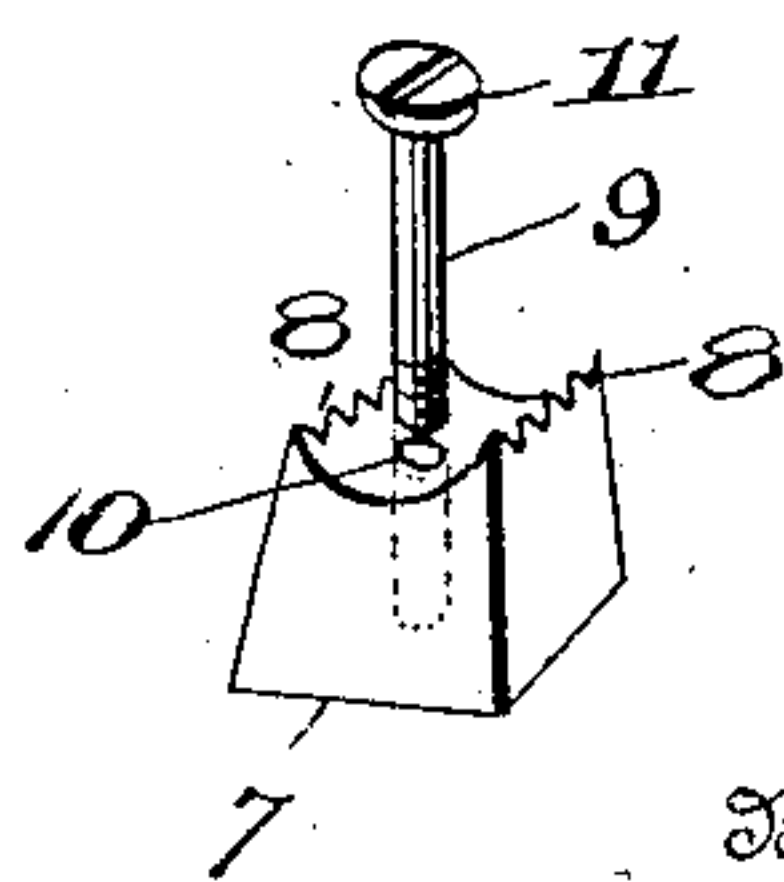


Fig. 3.



Witnesses

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WILLIAM J. KEAST, OF MALTA, ILLINOIS.

VIOLIN-BOW ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 748,286, dated December 29, 1903.

Application filed September 16, 1903. Serial No. 173,437. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM J. KEAST, a citizen of the United States, residing at Malta, in the county of Dekalb and State of Illinois, have invented certain new and useful Improvements in Violin-Bow Attachments; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to violin-bows; and it consists of certain novel features of combination and construction of parts, as will be hereinafter clearly set forth, and pointed out in the claim.

The object of my invention is to provide an attachment for violin-bows which will be adapted for use upon the end of a bow as now ordinarily constructed and is provided with means to engage and secure the ends of the bow-hairs, whereby they will be securely anchored in position.

A further object of my invention is to provide a simple form of attachment which will take the place of the broken end of a bow as now constructed of wood, thereby renewing or refitting the bow for further usefulness.

Other objects and advantages will be hereinafter made clearly apparent, reference being had to the accompanying drawings, which are made a part of this application, and in which—

Figure 1 shows a side elevation of a violin-bow provided with my attachment. Fig. 2 is a longitudinal sectional view of my attachment complete ready to be secured to the end of an object. Fig. 3 is a perspective detail view of the anchoring-block designed to co-operate with my bow attachment.

Referring to the numerals on the drawings, 1 indicates the handle end of a violin-bow of the usual or any preferred construction, while 2 designates the bow-hairs, and 3 the body portion of my bow attachment, which is formed substantially of the same shape as the wooden end of a bow and is also provided with the right-angled extension or stem 4, the end of which is provided with a socket designed to receive the properly-shaped end 5 of the bow. The bow-head 3 is also provided with the opening or socket 6, which is designed to receive the hair engaging or anchoring wedge

7, as is common to all bows, and it is therefore obvious that when said wedge is driven home upon the ends of the bow-hairs the latter will be reliably secured in position against casual slipping out of place.

In some instances the wedge 7 may be formed as shown in detail in Fig. 3, wherein it will be observed that the two upper edges are extended and serrated, as indicated by the numeral 8. It therefore follows that by passing the ends of the bow-hairs over the serrated flanges and entering the anchoring-bolt 9 in the threaded socket 10 said bolt may be rotated and cause the wedge 7 to be tightly drawn against the bow-hairs, and thereby hold the same securely in position.

The bolt 9 may be provided with a suitable head, having a screw-driver slot 11, said head being preferably countersunk in a suitable seat in the upper part of the head 3, whereby it will remain flush with the surface thereof.

My improved bow attachment may be very cheaply and expeditiously manufactured, inasmuch as it may be formed of any preferred metal, preferably of some light material, as aluminium or the like, or may be molded of hard rubber, as may be obvious. It is furthermore apparent that it may in some instances be made very ornamental in form, so as to present a neat and attractive appearance.

Believing that the advantages and manner of constructing my improved bow attachment and anchoring means for the bow-hairs have been made fully apparent, further description is deemed unnecessary.

What I claim as new, and desire to secure by Letters Patent, is—

The herein-described attachment for violin-bows, comprising the head proper 3 having a stem-section 4 provided with a socket to engage the tapered end of the bow, said head also having an opening or socket 6, a wedge, having its upper edges serrated, and means to adjust said wedge within said socket 6, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM J. KEAST.

Witnesses:

W. L. STEPHENS,
C. A. FOWLER.