(Model.)

C. F. HARRINGTON.

DEVICE FOR SECURING VIOLIN BOWS.

No. 337,059. Patented Mar. 2, 1886.

Fig. 1.

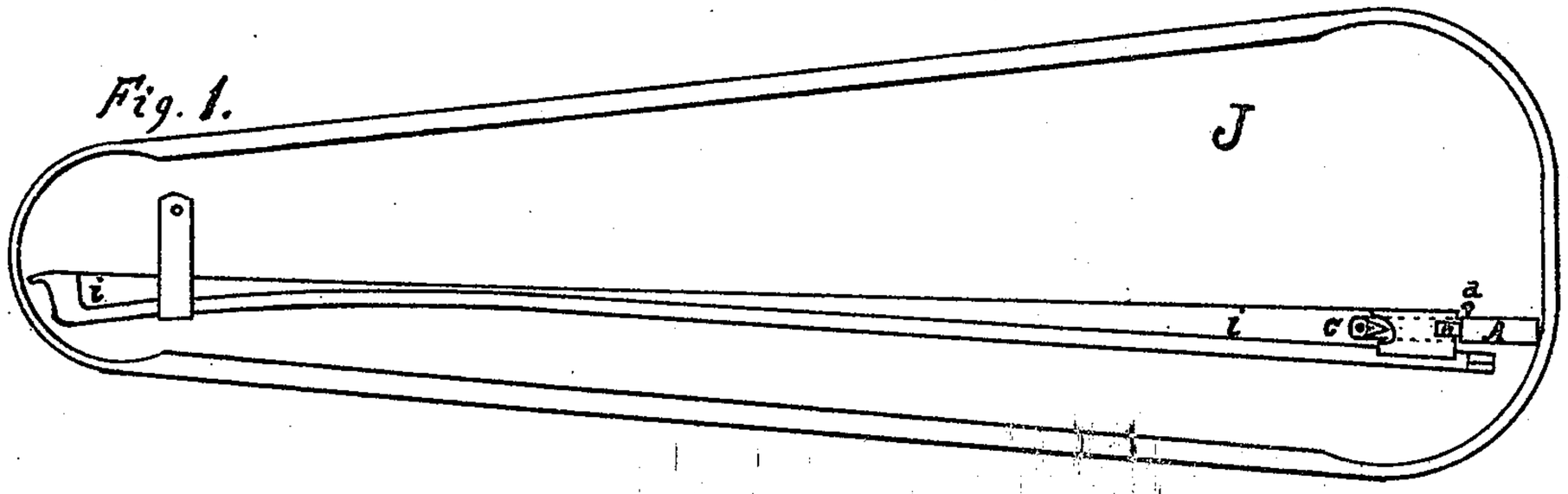


Fig. 2.

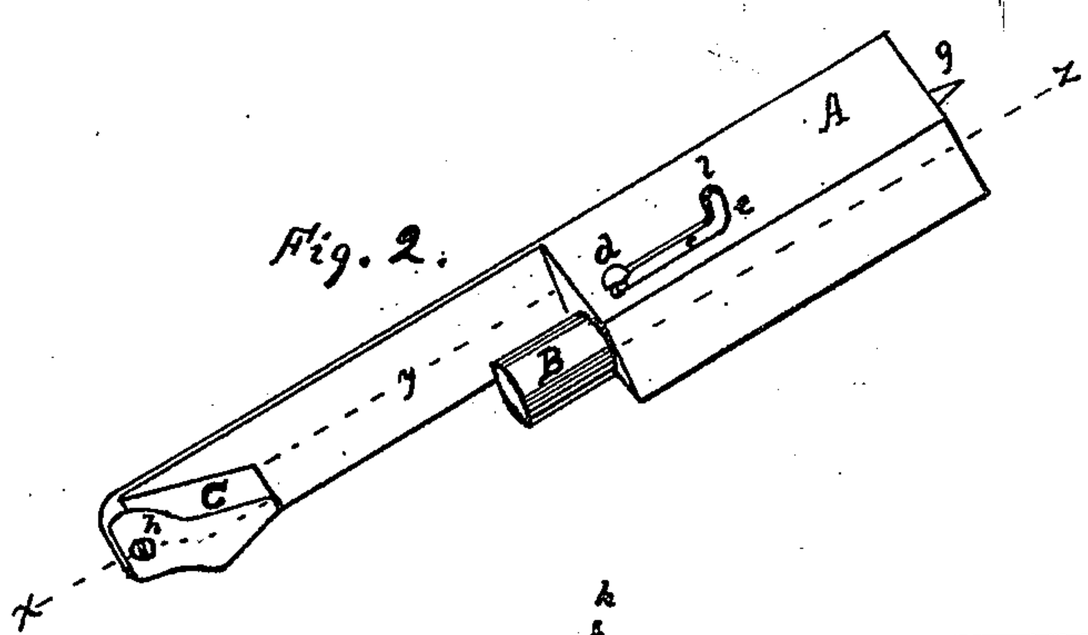
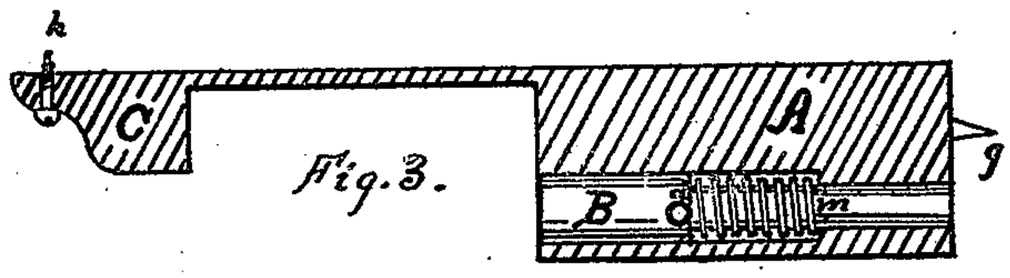


Fig. 3.



WITNESSES.

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DEVICE FOR SECURING VIOLIN-BOWS.

SPECIFICATION forming part of Letters Patent No. 337,059, dated March 2, 1886.

Application filed July 2, 1885. Serial No. 170,498. (No model.)

To all whom it may concern:

Be it known that I, CHAUNCEY F. HARRINGTON, a citizen of the United States, residing at Lowell, in the county of Middlesex and State of Massachusetts, have invented a new and useful Device for Securing Violin-Bows, of which the following is a specification, reference being had to the accompanying drawings, forming part thereof.

The objects of my invention are to provide a device for securing a violin-bow within the box or case for the same, which can be conveniently operated, and which will not break or injure the hairs of the bow when in use.

Figure 1 is an elevation of part of a violin-box showing my device holding the bow in place. Fig. 2 is a perspective of the device detached from the box, and Fig. 3 a sectional view on the line *x y z*.

In the piece A a chamber is constructed to receive the spring *m*, which is coiled around a portion of the bolt B and placed in such a manner that the elastic force of the spring *m* presses against the back of the chamber and a shoulder or some projecting part of the bolt B and tends to propel the bolt B longitudinally toward the spur C.

I do not limit myself to the method of coiling the spring around a portion of the bolt, and may use a flat instead of the round bolt shown in the drawings, actuating it, however, in substantially the manner by a spring pressing against some part of the said bolt, and thereby propelling the bolt in a longitudinal direction over the frog, or over the back of a violin-bow.

The slot *e* is cut in the piece A, to receive the pin *d*, which projects from the bolt B. A catch or notch, *l*, is formed in the back of the slot *e* for the purpose of fastening the bolt back by hooking the pin *d* in the said notch.

The piece A, having a spring-bolt, B, and a projecting spur, C, is fastened to the inside of a violin-box by means of the brad *g* and the screw *h* in such a position that the bow may be secured by placing the frog or nut of the said bow between the spur C and that part of the piece A containing the bolt B and releasing the pin *d* from the catch *l* in the slot *e*. The bolt B being propelled forward by the spring *m* passes over or in front of the frog of the violin-bow, when the pin *d* is released from the catch *l*, and may be slid and fastened back for the purpose of removing the bow by means of the pin *d*, which projects from the bolt B through the slot *e*.

The pin *d* has a head suitable to take hold of with the thumb or forefinger for the purpose of operating the same, and the whole device may be of any suitable material.

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

1. The combination, with a violin box or case, of the piece A, provided with the spur C, and the spring-bolt B, adapted to hold the bow, as set forth.

2. The piece A, having the spur C and the bolt B, in combination with the spring-actuating device, substantially as shown, for the purpose described.

CHAUNCEY F. HARRINGTON.

Witnesses:
GEO. W. BATCHELDER,
CHAS. E. MORRILL.