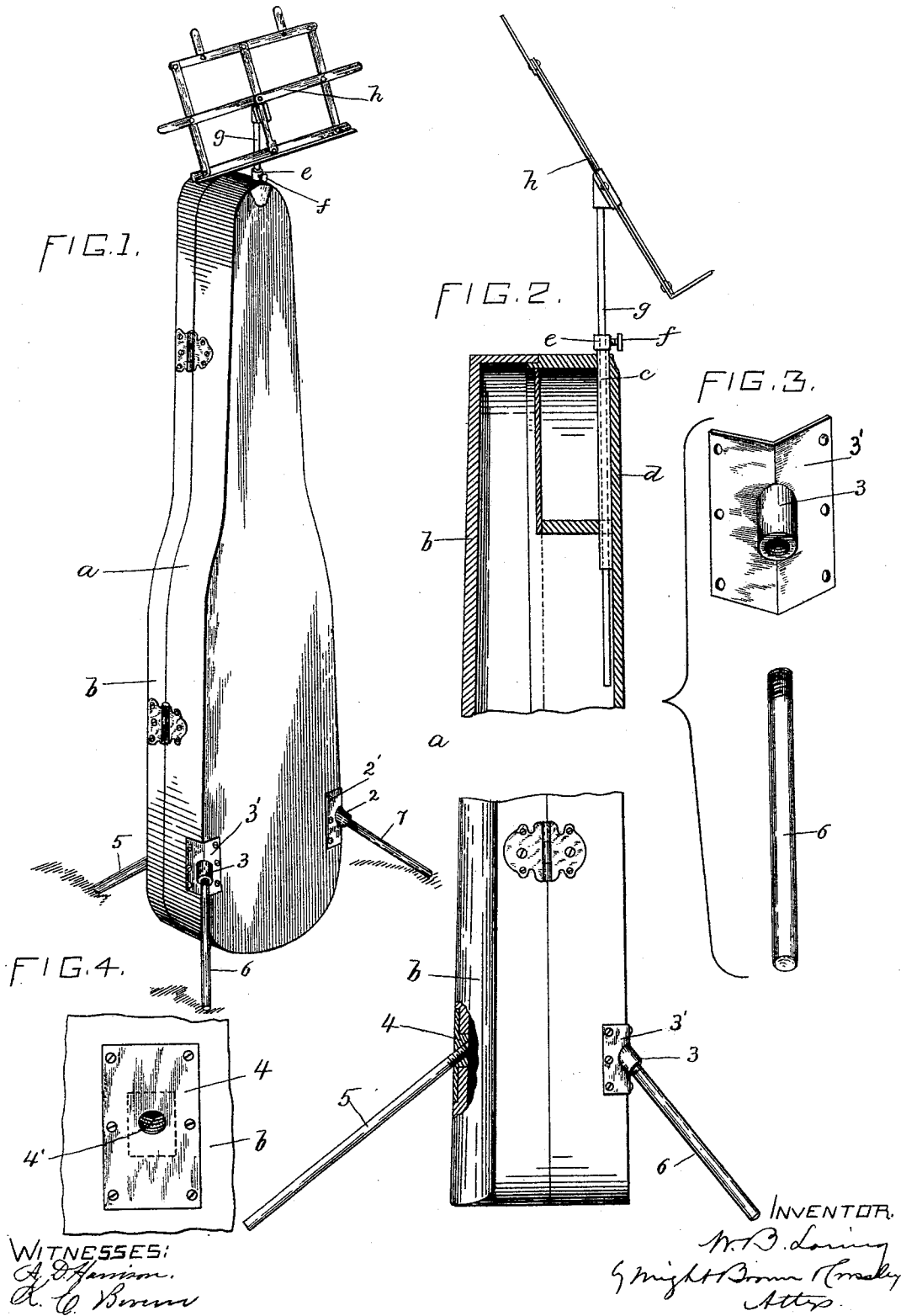


(No Model.)

W. B. LORING.  
BOX OR CASE FOR MUSICAL INSTRUMENTS.

No. 414,231.

Patented Nov. 5, 1889.



# UNITED STATES PATENT OFFICE.

WILLIAM B. LORING, OF READING, MASSACHUSETTS.

## BOX OR CASE FOR MUSICAL INSTRUMENTS.

SPECIFICATION forming part of Letters Patent No. 414,231, dated November 5, 1889.

Application filed May 25, 1889. Serial No. 312,076. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM B. LORING, of Reading, in the county of Middlesex and State of Massachusetts, have invented certain new and useful Improvements in Boxes or Cases for Musical Instruments, of which the following is a specification.

This invention has for its object to provide a device adapted to be attached to the box or case of a violin, guitar, banjo, &c., so that when attached to the latter it converts it into a convenient music-stand, and when not in use it may be compactly arranged and carried on the inside of the case without contact with the instrument, thereby obviating the necessity of carrying a music-stand independently of the instrument-case.

The invention consists in the combination, with an instrument-case, of flanged sockets secured thereto, said sockets being screw-threaded to receive legs or supports, and a sleeve also affixed to the instrument-case to receive a rod or support for a music-rack, said sleeve being provided with an adjusting-screw, whereby the rod and its attached rack may be adjusted vertically, all of which I will now proceed to describe and claim.

Of the accompanying drawings, forming a part of this specification, Figure 1 represents a perspective view of a violin-case with my supporting devices attached. Fig. 2 represents a side elevation of portions of the same, the upper portion being shown in section and a portion of the case being broken out. Fig. 3 represents a perspective view of one of the supporting devices detached; and Fig. 4 represents a detail view, hereinafter explained.

The same letters of reference indicate the same parts in all of the figures.

In carrying out my invention I provide (in the present instance) a violin-case *a*, to the larger end of which are secured by screws or otherwise metal plates 2' 3' 4', in which are sockets 2 3 4', said sockets being screw-threaded to receive metal legs 5 6 7, having screw-threaded ends adapted to engage the sockets and standing at a sufficient angle to support the case when the latter is placed in an upright position, as will be readily seen by reference to Figs. 1 and 2. I prefer to provide three sockets, two of which are upon the bottom corners and the third in the center

of the cover *b*, the latter being shown in Figs. 2 and 4, (shown in section in Fig. 2,) in which the socket is represented as being flush with the said cover *b*, while those upon the corners have the sockets projecting, the plates on which the projecting sockets are formed being angular to bear on the bottom and sides of the box. This is merely a matter of preference, as I may construct said sockets either with or without projections.

*c* represents a sleeve or tube suitably secured to the smaller end of the box and passing therethrough near the bottom *d* of the same on the outside or inside. Said sleeve is provided with a shoulder or enlargement *e* at its upper end, through which passes a set-screw *f*, adapted to engage and hold in position a rod *g*, inserted in said sleeve, and adapted to be moved up and down therein. To said rod is detachably secured at its upper end a music-rack *h*, of common form and construction, which may be adjusted vertically by loosening the set-screw *f* and moving rod *g* up or down to suit the convenience of the performer, as clearly shown in Fig. 2.

It will be seen that by the means described I am enabled to dispense with the inconvenience of carrying a music-stand independently of the instrument-case, as when not in use I detach the legs from the sockets, remove the rod *g* from the sleeve, and detach the rack *h* from said rod. The rack, being jointed, is adapted to fold readily and compactly, and may be placed with the legs and rod *g* in a suitable receptacle or wallet, (not shown,) and secured to the inside of the cover, preferably by straps or lugs, in such position as not to come in contact with the instrument, the sockets and sleeve being permanently attached to the case, as shown, in readiness for use whenever required.

It will be understood by reference to Fig. 3 that the sockets are adapted to be attached to any musical-instrument case of the character or general shape of that here shown.

I do not limit myself to the exact form of construction of the devices here shown, as I may depart from the same without altering the nature or spirit of the invention.

I claim—

1. The box or case *a*, provided at one side with the angular plates 2' 3', secured and fit-

ting the corners of the box, having the inclined sockets 2 3, and at the other side with the flat plate 4, having an inclined socket 4', and the legs 5 6 7, adapted to be detachably  
5 secured to said sockets, as set forth.

2. A box or case having the internally-screw-threaded sockets 2 3 4' near one end and the longitudinal tube or sleeve *c* at the other end, combined with the screw-threaded  
10 legs 5 6 7, adapted to engage said threaded inclined sockets, and the music-rack *h*, having the standard *g*, adapted to be inserted in the sleeve *c*, as set forth.

3. The combination, with a case for a violin  
15 or other musical instrument, of the inclined sockets secured to the case, the rods or legs detachably secured to the sockets, the sleeve

*c*, secured to the case, and the music-rack having the rod *g* detachably secured to the sleeve and adapted to be moved longitudi- 20  
nally therein, and the set-screw *f*, whereby the rod *g* may be held in any required position in the sleeve *c* to adjust the height of music-rack attached to the top of said rod, as  
set forth. 25

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, this 20th day of May, A. D. 1889.

WM. B. LORING.

Witnesses:

C. F. BROWN,  
A. D. HARRISON.