No. 749,433. PATENTED JAN. 12, 1904.

F. A. FAULHABER.

BOW HOLDER FOR CASES FOR MUSICAL INSTRUMENTS.

APPLICATION FILED FEB. 27, 1903.

NO MODEL.

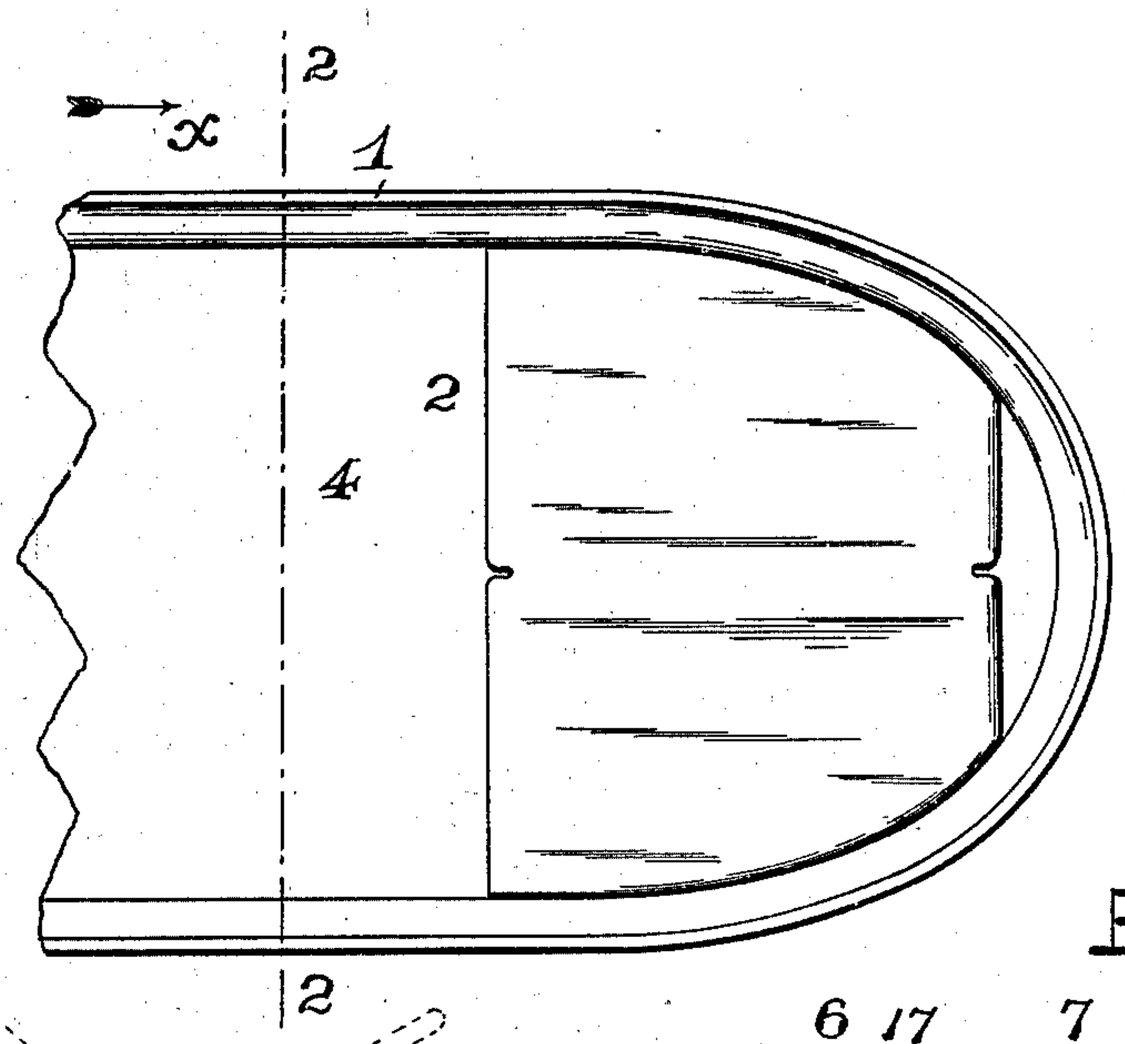

Fig. 1

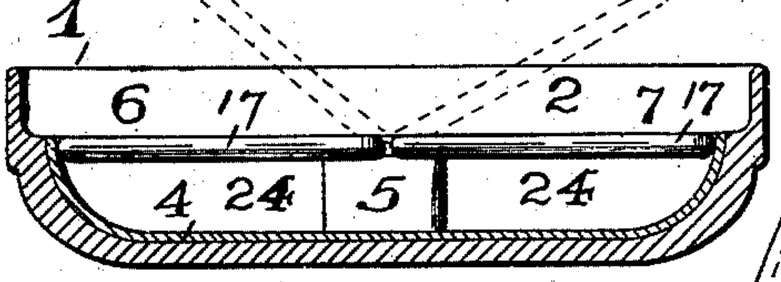

Fig. 2

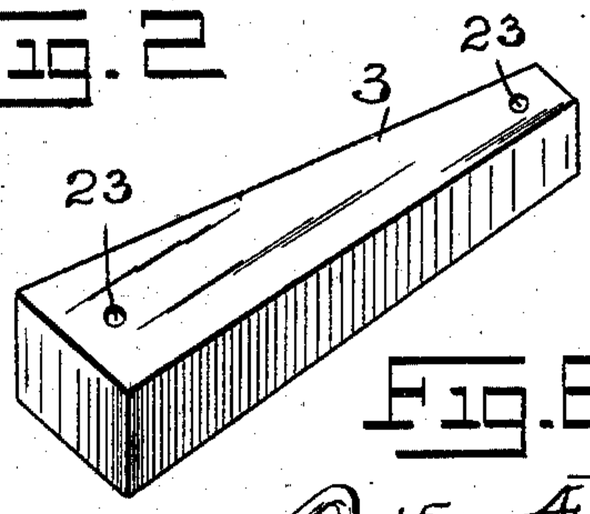

Fig. 3

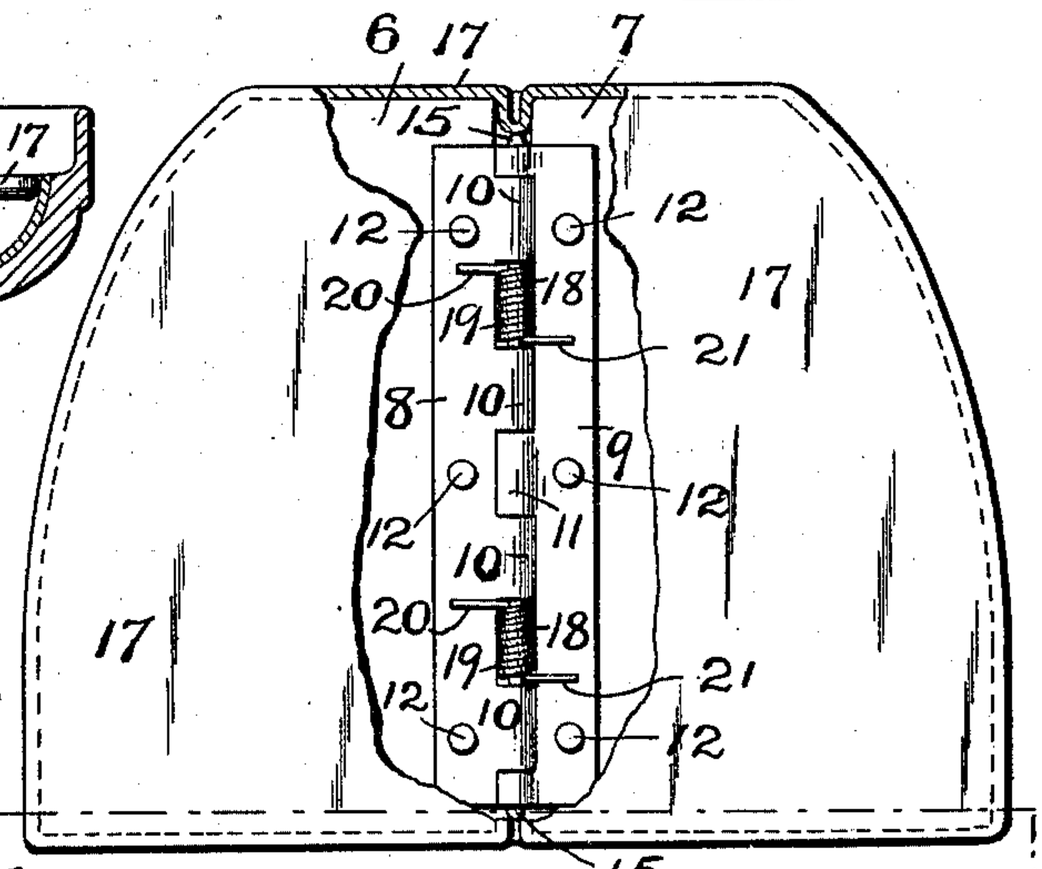

Fig. 6

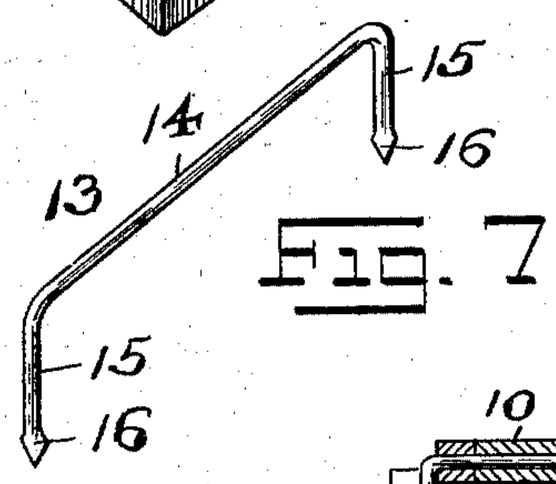

Fig. 7

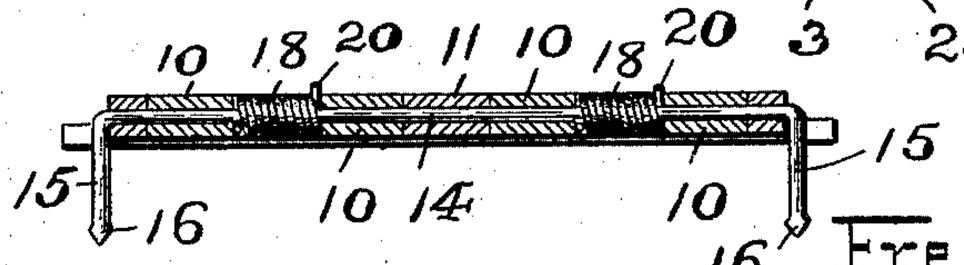

Fig. 5

Fig. 4

WITNESSES:

Geo. D. Richards

Geo. Douglass.

INVENTOR:

Frederick A. Faulhaber

BY

Fred'k C. Fraentzel,

ATTORNEY

No. 749,433. Patented January 12, 1904.

UNITED STATES PATENT OFFICE.

FREDERICK A. FAULHABER, OF NEWARK, NEW JERSEY.

BOW-HOLDER FOR CASES FOR MUSICAL INSTRUMENTS.

SPECIFICATION forming part of Letters Patent No. 749,433, dated January 12, 1904.

Application filed February 27, 1903. Serial No. 145,436. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK A. FAULHABER, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Bow-Holders for Cases for Musical Instruments; 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, reference being had to the accompanying drawings, and to figures of reference marked thereon, which form a part of this specification.

The present invention has reference generally to improvements in cases for that class of stringed musical instruments with which a bow is employed; and the invention relates more particularly to a novel construction of bow-holder which is arranged in a suitable part of the case, preferably in one end portion of its lid or cover, and is adapted to receive and retain the one end portion of the bow in place when inserted beneath the holder.

The invention has for its principal object to provide a neat and simply-constructed device of the character hereinafter more particularly set forth which is readily applied in its operative position in the lid or cover or other suitable portion of the case and which is at all times operative to receive the end portion of the bow and does not wear out and become useless with constant use, as is ordinarily the case with the constructions of bow-holders now made, in which the side wing or wings are secured to a block or foot-piece by means of elastic or other similar webbing.

It is therefore one of the essential features of this invention to provide a bow-holder having a hinged or pivoted wing or wings in which the use of the objectionable elastic webbing is entirely dispensed with, so as to produce a device which shall last a long time and shall be efficient as long as the case is in use.

Other objects of the present invention not at this time more particularly specified will be clearly evident from the following detailed description of my present invention.

This invention consists, therefore, in the novel bow-holder hereinafter set forth; and, furthermore, this invention consists in the various novel arrangements and combinations of parts, as well as in the details of the construction thereof, all of which will be hereinafter fully described and then finally embodied in the clauses of the claim.

The invention is clearly illustrated in the accompanying drawings, in which—

Figure 1 is a plan view of the inner portion and upper end of the lid or cover of a violin-case provided with a bow-holder embodying the principles of this invention; and Fig. 2 is a transverse vertical section of the same, said section being taken on line 2 2 in said Fig. 1 looking in the direction of the arrow *x*. Fig. 3 is a plan or top view of the bow-holder before it is secured in its operative position in the said cover or lid of the case, a certain portion of the fabric covering of the said holder directly over the spring-hinge being represented as broken away to clearly illustrate the arrangement of the hinge connection between the wings of the bow-holder; and Fig. 4 is a transverse vertical section of the device, said section being taken on line 4 4 in said Fig. 3 looking in the direction of the arrow *y*. Fig. 5 is a longitudinal section taken directly through the hinge by means of which the wings of the device are pivotally connected. Fig. 6 is a perspective view of a block or foot-piece forming a part of the bow-holder, and Fig. 7 is a similar view of a staple or fastening used as a pintle for the hinge-leaves and by means of which the wings are secured upon said block or foot-piece.

Similar characters of reference are employed in all of the said hereinabove-described views to indicate corresponding parts.

Referring now to Figs. 1 to 7, inclusive, the reference character 1 indicates the cover or lid of a case for musical instruments—as, for instance, a violin-case—and Fig. 2 is my novel construction of bow-holder. The bow-holder is suitably arranged upon a bottom block or foot-piece 3, preferably of the configuration represented in Fig. 6, said block being glued or otherwise secured in the said cover 1 or other suitable part of the case and being incased in a fabric covering 5 of the same material as the usual lining 4 of the

cover 1. The said bow-holder 2 comprises a pair of wings 6 and 7, preferably of the configuration represented in the drawings, which are connected by a pair of hinge plates or leaves 8 and 9, respectively provided with the perforated ears 10 and 11, substantially as illustrated in Fig. 3 of the drawings. The said hinge plates or leaves 8 and 9 are respectively secured to the said wings 6 and 7 by means of pins or tacks 12, as shown; but any other suitable fastening means may be employed, if desired. The said hinge plate or leaves 8 and 9 are pivotally connected by means of a fastening 13, the same being preferably made in the manner of a staple, as illustrated in Fig. 7 of the drawings, comprising a main body 14, of wire, and the downwardly-extending end members 15, each member 15 being provided at its free end with a flattened-out and pointed anchor or holding portion 16. A piece of fabric 17, usually of the same material as the lining 5 of the cover 1, is arranged and secured about the said wings 6 and 7 and over the said hinge connection, as clearly represented in the several figures of the drawings. Suitable springs, as 18, are also employed in connection with the said main body 14 of said fastening device 13, said springs being located in suitably-disposed open parts 19 in the one hinge plate or leaf, as 8, and having their free end portions 20 and 21 resting directly upon the respective hinge leaves or plates 8 and 9, as clearly illustrated in Fig. 3, and for the purpose of causing said wings 6 and 7 in their normal initial positions to extend horizontally from the opposite upper edges of the block or foot-piece 3. The said hinged or pivotally-connected wings 6 and 7 are secured in their operative positions upon said block or foot-piece by having the members 15 of the main body 14 of the fastening 13 arranged in and securely embedded in cement or other suitable binding or holding material 22 of a similar nature in correspondingly-arranged sockets 23 in the said block or foot-piece 3, as clearly illustrated in Fig. 4, the anchors 16 being thoroughly held in the hardened cement or glue to prevent the withdrawal of said members 15 from their holding engagement with the block 3 and, furthermore, preventing the displacement of the bow-holder from said block with constant use.

From an inspection of Fig. 2 of the drawings it will be clearly evident that to arrange one end portion of the bow in either of the chambers 24 directly beneath the wings 6 and 7 all that is necessary is to insert the end of the bow, thereby slightly raising the wing, as indicated in the dotted outlines, the said wing assuming its normally horizontal position when the bow has been placed in the cover or lid.

From the above description of my invention it will be clearly evident that I have devised a simple bow-holder which can easily be operated without detriment to the bow and in which there are no tape or elastic connections acting as hinges which soon lose their usefulness, especially with elastic fabric, in which the rubber loses its life, thereby causing the wing or wings to be improperly connected with the block or foot-piece and instead of being an advantage are a nuisance, because it prevents the bow from being readily placed in its held position in the bow-holder.

I am fully aware that changes may be made in the various arrangements and combinations of the parts without departing from the scope of my present invention. Hence I do not limit my invention to the exact arrangements and combinations of the parts as described and as illustrated in the accompanying drawings, nor do I confine myself to the exact details of the construction of the said parts.

Having thus described my invention, what I claim is—

1. A bow-holder for cases for musical instruments, comprising, a block adapted to be secured to a portion of such case, said block being provided with sockets, a wing, and a hinge connection between said block and wing, consisting, essentially, of a pair of hinge-plates having perforated ears, and a pintle in said ears comprising a main body, and a pair of end members extending at angles from said body, said end members being arranged and secured in said sockets, substantially as and for the purposes set forth.

2. A bow-holder for cases for musical instruments, comprising, a block adapted to be secured to a portion of such case, said block being provided with sockets, a wing, and a hinge connection between said block and wing, consisting, essentially, of a pair of hinge-plates having perforated ears, a pintle in said ears comprising a main body, and a pair of end members extending at angles from said body, said end members being arranged and secured in said sockets, and a spring surrounding a portion of said pintle, said spring having its free end portions resting upon the respective hinge-plates, substantially as and for the purposes set forth.

3. A bow-holder for cases for musical instruments, comprising, a block adapted to be secured to a portion of such case, said block being provided with sockets, a wing, and a hinge connection between said block and wing, consisting, essentially, of a pair of hinge-plates having perforated ears, a pintle in said ears comprising a main body, and a pair of end members extending at angles from said body, and a cementitious mass in the said sockets of said block in which said end members are arranged and held, substantially as and for the purposes set forth.

4. A bow-holder for cases for musical instruments, comprising, a block adapted to be secured to a portion of such case, said block being provided with sockets, a wing, and a hinge connection between said block and wing,

consisting, essentially, of a pair of hinge-plates having perforated ears, a pintle in said ears comprising a main body, and a pair of end members extending at angles from said body, a cementitious mass in the said sockets of said block in which said end members are arranged and held, and a spring surrounding a portion of said pintle, said spring having its free end portions resting upon the respective hinge-plates, substantially as and for the purposes set forth.

5. A bow-holder for cases for musical instruments, comprising, a block adapted to be secured to a portion of such case, said block being provided with sockets, a pair of oppositely-extending wings, and a hinge connection for pivotally securing said wings upon said block, said hinge connection consisting, essentially, of a pair of hinge-plates having perforated ears, and a pintle in said ears comprising a main body, and a pair of end members extending at angles from said body, said end members being arranged and secured in said sockets of the block, substantially as and for the purposes set forth.

6. A bow-holder for cases for musical instruments, comprising, a block adapted to be secured to a portion of such case, said block being provided with sockets, a pair of oppositely-extending wings, and a hinge connection for pivotally securing said wings upon said block, said hinge connection consisting, essentially, of a pair of hinge-plates having perforated ears, a pintle in said ears comprising a main body, and a pair of end members extending at angles from said body, said end members being arranged and secured in said sockets of the block, and a spring surrounding a portion of said pintle, said spring having its free end portions resting upon the respective hinge-plates, substantially as and for the purposes set forth.

7. A bow-holder for cases for musical instruments, comprising, a block adapted to be secured to a portion of such case, said block being provided with sockets, a pair of oppositely-extending wings, and a hinge connec tion for pivotally securing said wings upon said block, said hinge connection consisting, essentially, of a pair of hinge-plates having perforated ears, a pintle in said ears comprising a main body, and a pair of end members extending at angles from said body, and a cementitious mass in the sockets of said block in which said end members are arranged, substantially as and for the purposes set forth.

8. A bow-holder for cases for musical instruments, comprising, a block adapted to be secured to a portion of such case, said block being provided with sockets, a pair of oppositely-extending wings, and a hinge connection for pivotally securing said wings upon said block, said hinge connection consisting, essentially, of a pair of hinge-plates having perforated ears, a pintle in said ears comprising a main body, and a pair of end members extending at angles from said body, a cementitious mass in the sockets of said block in which said end members are arranged and held, and a spring surrounding a portion of said pintle, said spring having its free end portions resting upon the respective hinge-plates, substantially as and for the purposes set forth.

In testimony that I claim the invention set forth above I have hereunto set my hand this 25th day of February, 1903.

FREDERICK A. FAULHABER.

Witnesses:

FREDK. C. FRAENTZEL,

GEO. D. RICHARDS.