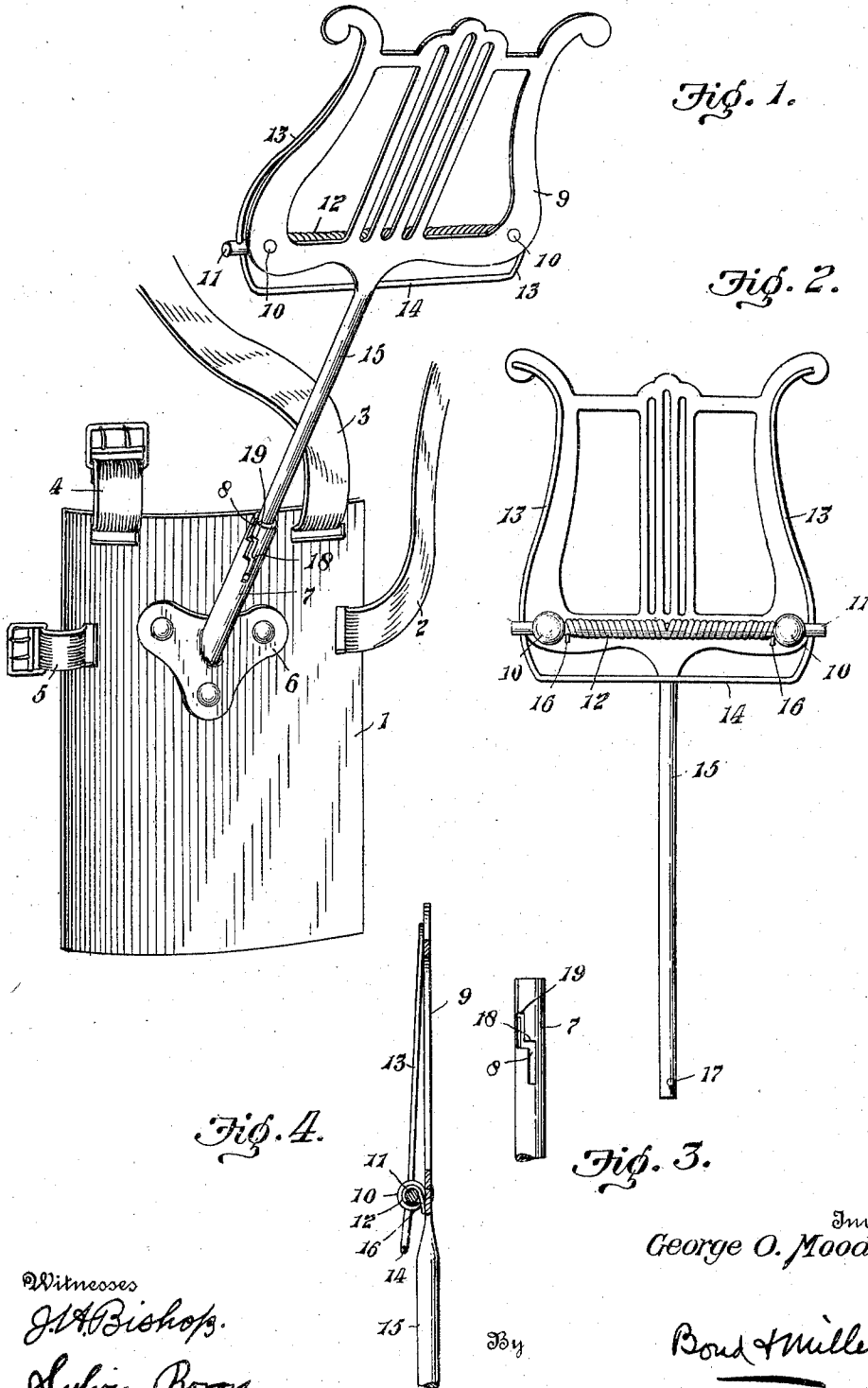


G. O. MOODY.
 COMBINED BOOK SUPPORT AND HOLDER.
 APPLICATION FILED APR. 4, 1910.

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UNITED STATES PATENT OFFICE.

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COMBINED BOOK SUPPORT AND HOLDER.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, GEORGE O. MOODY, a citizen of the United States, residing at Canton, in the county of Stark and State of Ohio, have invented certain new and useful Improvements in Combined Book Supports and Holders; 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 belongs to make and use the same.

This invention consists of certain improvements in book supports and holders especially designed for supporting, holding and adjusting music sheets in place while it is being played and has more specific reference to providing means for attaching the holder so that it can be carried in front of a person while upon the march, and without interfering with the free movements of the hands.

Another object is to provide means for so supporting the holder that the weight will not be carried by the arm of the player, thereby leaving the player free and without any hindrance to the free use of both hands and arms.

Further objects and advantages of this invention will appear in the following description and the novel features thereof will be particularly pointed out in the claims.

In the drawings: Figure 1 is a perspective view showing the book holder properly attached to its support. Fig. 2 is a front elevation of the book holder proper showing the same detached from its support. Fig. 3 is a view showing a portion of the socket designed to support and carry the book holder. Fig. 4 is a vertical section of the book holder frame or plate, showing a transverse section of the rock bar.

Similar numerals of reference indicate corresponding parts in all the figures of the drawing.

In the accompanying drawing, 1 represents the carrying plate which is designed to be connected to the person using the holder, which plate is preferably located in front of the breast and possibly just below and is held in fixed adjustment by means of suitable straps 2 and 3, which straps extend around the body and up over the shoulders respectively, said straps being connected to the buckle straps 4 and 5. Upon the breast plate 1 is secured the socket carrying plate 6 to which plate is attached the socket 7, said

socket being so attached that it will stand at an acute angle to the breast or holding blade 1, as best illustrated in Fig. 1. The socket 7 is provided with the bayonet slot 8, which slot is for the purpose hereinafter described. The book holder frame 9 may be of the form shown in the drawing or it may be of any other desired form as its only purpose is to provide a support for sheets of music, whether bound in a book or loose. The frame 9 is provided with the short posts or projections 10 in which is journaled the rock shaft 11, around which rock shaft is located the spring 12, which spring is so attached and connected that it will normally hold the leaf holding fingers 13 in close contact with the frame 9; that is to say the top or upper ends of said fingers will be held in close relationship with reference to the top or upper portion of the frame and by the action of the spring 12, said fingers will act as clips or clamps whereby the sheets of music will be held against accidental displacement and when the sheets of music are bound into a book the book can be opened and held in an open position by the leaf holding fingers 13 in practically the same manner that separate or unbound sheets of music can be held.

For the purpose of releasing the sheets of music or the open book the wire constituting the fingers is extended below the rock shaft 11 as illustrated in the drawing, said fingers being joined by the integral cross member 14. It will be understood that by pressing the connecting bar or member 14 toward the shank 15, the fingers will be lifted or carried away from the frame 9, but as soon as pressure is removed, the fingers will be automatically brought toward the frame 9 at their free upper ends by reason of the tension of the spring 12, said spring being attached to the rock shaft 11 intermediate its ends in any convenient and well known manner and the ends of the spring provided with the usual tangs 16, which prevent the rotation of the spring with the rotation of the shaft.

It will be understood that the convolutions of the spring are free to allow the rocking of the rock shaft. The shank 15 is provided at its bottom or lower end with the pin 17, which pin is formed of such a size that it will freely enter the slot 8 formed in the socket 7. It will be understood that when the shank 15 is placed in the socket it

should be so held that there can be no rocking movement of said shank, otherwise the book holder proper would not be held against displacement by the accidental rotation of the shank. It will also be understood that the book holder proper should be held against undue upward movement after it has been properly connected to its socket and to provide for thus holding the book holder against accidental upward movement, the slot 8 is of the bayonet type so that the pin 17 will strike the shoulder 18 or the shoulder 19.

It will be understood that in order to detach the book holder proper from its socket it is necessary to not only move the shank upward, but to rock or turn the shank.

For the purpose of forming a rigid support for the socket and at the same time providing a light breast plate, the plate 6 is provided, which plate is comparatively small as compared with the breast plate but may be formed of sufficient thickness to give the desired rigidity to the socket and hold the same at the proper angle.

For the purpose of providing a neat fit to the person upon which the breast plate is attached, said breast plate is curved or formed convexo-concave and may be of quite thin metal.

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

1. In a combined book support and holder,

the combination of a plate provided with attaching straps, a socket carried by said plate and located at an angle thereto, said socket provided with a bayonet slot, a book holding frame provided with a shank, said shank provided with a pin adapted to enter the bayonet slot, a rock shaft carried by the frame, said rock shaft provided with leaf holding fingers and a spring located around the rock shaft and means for actuating the rock shaft and leaf holding fingers, substantially as and for the purpose specified.

2. In a combined book support and holder, a breast plate formed convexo-concave, said breast plate provided with attaching straps, a socket provided with a plate, said plate connected to the breast plate, a book holding frame provided with posts, a rock shaft journaled in the posts, leaf holding fingers secured to said rock shaft, a spring adapted to hold the leaf holding fingers in close relationship with reference to the book holding frame, and a shank extended from the book holding frame, said shank adapted to be connected to the socket carried by the breast plate, substantially as and for the purpose specified.

In testimony that I claim the above, I have hereunto subscribed my name in the presence of two witnesses.

GEORGE O. MOODY.

Witnesses:

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WILLIAM H. MILLER.