No. 846,348. PATENTED MAR. 5, 1907.

J. H. ROCKWELL.

FOLDING MUSIC RACK.

APPLICATION FILED MAR. 7, 1906.

Fig. 1.

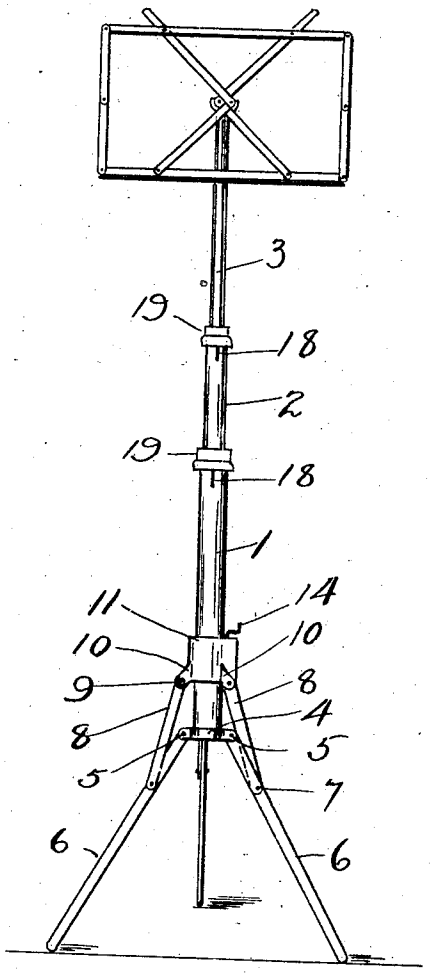


Fig. 4.

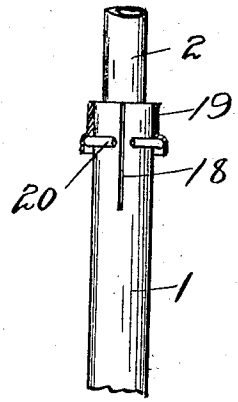


Fig. 6.

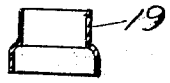


Fig. 5.

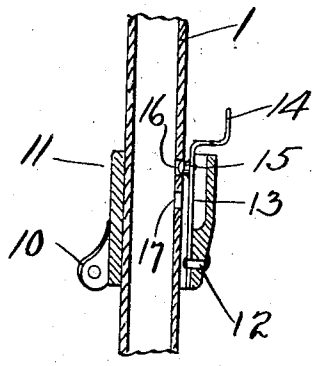
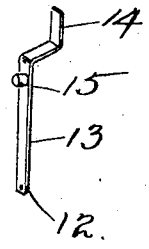


Fig. 2.

Fig. 3



Witnesses

A. L. Makepeace

E. D. Ogden

Inventor

Joseph H. Rockwell.

By Howard E. Barlow.

Attorney.

UNITED STATES PATENT OFFICE.

JOSEPH H. ROCKWELL, OF PROVIDENCE, RHODE ISLAND.

FOLDING MUSIC-RACK.

No. 846,348. Specification of Letters Patent. Patented March 5, 1907.

Application filed March 7, 1906. Serial No. 304,717.

To all whom it may concern:

Be it known that I, JOSEPH H. ROCKWELL, a citizen of the United States, residing at Providence, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Folding Music-Racks, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to music-racks, and has for its object to provide a strong and durable folding music rack and stand of simple construction which can be easily opened and closed and which will occupy a minimum of space when folded up for transportation.

A further object of the invention is to provide a body portion or stand with telescoping joints whereby the parts are held by spring-pressure and retained automatically in any desired position by friction.

With these and other objects in view the invention consists of certain novel features of construction, as will be more fully described, and particularly pointed out in the appended claims.

In the accompanying drawings, Figure 1 is a front elevation of my improved music rack and stand embodying my invention. Fig. 2 is an enlarged sectional view illustrating the spring-lock for retaining the folding legs in position on the lower member of the stand. Fig. 3 is a detail view of the spring-lock. Fig. 4 is a view, partially in section, illustrating the telescoping joint and the slotted tubular section and spring-ring engaging the same, also illustrating the inclosing cap or covering in section. Fig. 5 is a detail of the spring-ring. Fig. 6 is a sectional view of the inclosing cap.

In the drawings my improved folding rack is shown supported by a stand, which stand is composed of sections 1, 2, and 3, sliding telescopically one within the other to adapt the rack for convenient use either when the player is standing or sitting down. The lower section 1 of the stand is provided at its lower end with a band 4, on which are formed the lugs 5 5, to which are pivoted the folding legs 6 6. Pivoted to these legs at 7 are the braces 8 8, which braces are also pivoted at their upper ends to the lugs 10, projecting from the locking-collar 11. This locking-collar is adapted to slide on the lower section 1 to permit the legs to be adjusted the proper distance apart for firmly supporting the stand or to permit said legs to be turned over and folded upward against the same when the rack is to be closed for convenient transportation, the stand and rack being adapted to be placed together in a box and can be carried in the hand or pocket, if desired. Pivoted in this locking-collar at 12 is the flat spring member 13, the upper end of which being bent outwardly to form a convenient handle. Secured to this member is the projecting knob 15, adapted to engage corresponding holes 16 and 17 in the tubular member 1. When the projection 15 engages the hole 17, the legs 6 are spread open wide, but when the locking member is raised so that the extension engages the hole 16 the legs are drawn closer together, taking up less room and at the same time raising the stand somewhat. When it is desired to fold the legs by turning them upward, the spring is readily withdrawn from the retaining-hole, and the locking member may then be slid upward on its section, as above described.

In order to provide a frictional joint for supporting the telescoping sections of the stand, I have slotted the upper end of these sections at 18 18 and around the slotted portion have forced a spring-ring 20, the tension of which firmly clasps the end of the tubing, causing it to spring inward by the pressure upon it and bind the member sliding therein and retain it in any desired position by friction, at the same time allowing it to be drawn easily in or out when desired. The slotting of the sections and securing the spring-ring to the same forms a very simple, neat, inexpensive, and effective frictional joint.

A little cap or collar 19 is fixed onto the end of the tubing of each section and is arranged to extend down over the ring 20 to prevent the same from working off and at the same time to hide the ring and present a more finished appearance to the stand.

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

1. In a folding music-rack, a supporting-stand composed of a plurality of telescoping members, legs pivoted at one end to the lower member and adapted to be turned or folded back against said member, said lower member being provided with one or more holes in its side, a locking-collar connected to said legs and adapted to embrace and slide on said lower member, said collar being pro-

vided with a recess, a resilient locking member fixed at its lower end to said collar in the recessed portion thereof, the upper portion of said locking member being offset to form an operating-handle, a knob or projection on the face of said member adapted to normally engage one of said holes in the side of said lower member whereby the legs are locked in the desired position to support the stand.

2. In a folding music-rack, a supporting-stand composed of a plurality of tubular members one telescoping within the other, one end of the tubing in the receiving-sections being slotted, a spring-ring fitted around said slotted portion to force the same inward and bind the member working therein, and an inclosing cap or collar covering said ring to assist in holding the same in position.

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

JOSEPH H. ROCKWELL.

Witnesses:

HOWARD E. BARLOW,

E. I. OGDEN.