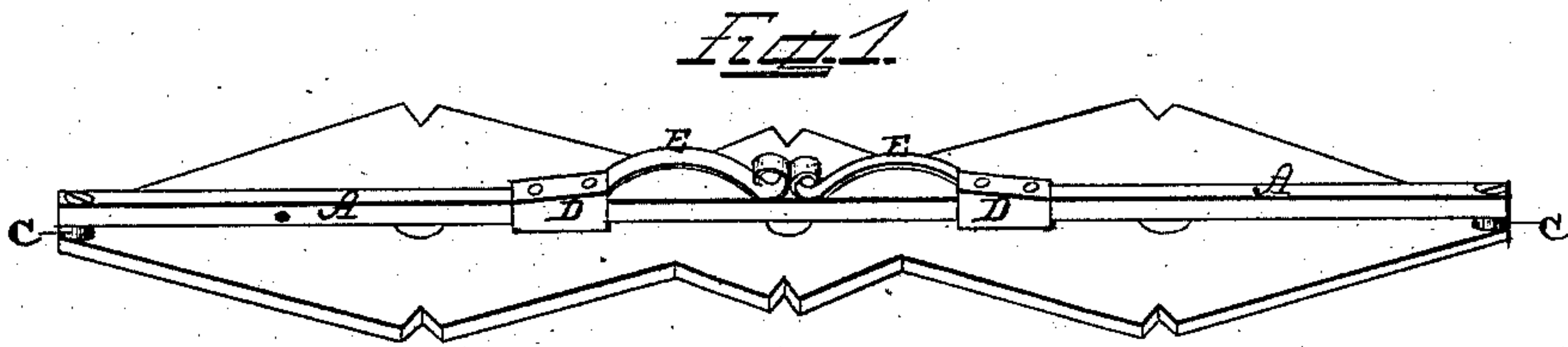


C. W. MILLSPAUGH.

Music Holder.

No. 235,695.

Patented Dec. 21, 1880.



Witnesses=
W. W. Mortimer,
Will H. Kern.

Inventor=
Chas W. Millsbaugh,
per
F. A. Lehmann, atty

UNITED STATES PATENT OFFICE.

CHARLES W. MILLSPAUGH, OF ROWAYTON, CONNECTICUT.

MUSIC-HOLDER.

SPECIFICATION forming part of Letters Patent No. 235,695, dated December 21, 1880.

Application filed February 17, 1880.

To all whom it may concern:

Be it known that I, CHARLES W. MILLSPAUGH, of Rowayton, in the county of Fairfield and State of Connecticut, have invented
5 a new and Improved Music-Holder; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, forming part of this specification, in which the
10 figure is a perspective view.

My invention is an improvement upon that general form of music-holder in which a horizontal bar is provided with two sliding blocks carrying clamping-springs, which press upon
15 the leaves on each side of the book to hold the same open.

The improvement consists in constructing the bar of a plain angular cross-section without groove or incision, and combining the same
20 with hollow or tubular slides, which carry the springs and entirely surround the bar, and providing, also, at each end of the bar a block or offset, and a screw by which the bar is secured to any form of music-rack, and by which
25 filling-blocks or offsets the tubular slides carrying the springs are removed from the plane of the rack or object to which the bar is attached, so that said tubular slides have perfect freedom of movement on the bar, as hereinafter described.
30

In the drawing, A represents the horizontal bar, which, it will be seen, is made in a plain rectangular form without grooves or incisions, which have been heretofore generally used.
35 In dispensing with these grooves I not only simplify the construction of the bar, but there is no lodging-place for dust, which, in filling up the corners of grooves, causes the slide to cramp and bind. Upon this bar are slipped
40 endwise the two hollow tubular slides D, corresponding in cross-section to the cross-section of the bar A. Mounted upon these tubular slides D, and projecting inwardly toward the

center of the bar, are the two springs E, made of thin sheet metal, bent as shown, and arranged
45 to clamp the leaves of the book. Now, as the tubular slides D encompass the bar A, it will be seen that on the under side of said bar they project beyond the plane of the bar, and if the bar were placed flat against the rack these
50 tubes would be clamped between the bar and the rack, instead of being free to be adjusted thereon. I therefore raise or offset the ends of the bar A from the rack by blocks C, and then fasten the same to the rack with screws,
55 as shown.

I am aware of the forms shown in Patents Nos. 155,019 and 214,608, and I do not claim anything shown therein. The merit of my invention consists in combining a single straight
60 bar, A, formed without grooves or incision, the tubular slide D, encompassing the same and carrying springs E, and offsets C for the bar A at the ends, as shown, which combination secures a very simple, cheap, and practical de-
65 vice, applicable to any music-rack, and one whose operation is not likely to become obstructed by accumulation of dust.

Having thus described my invention, what I claim as new is—
70

As a new article of manufacture, the music-holder for attachment to pianos, &c., composed of the single straight bar A, formed without groove or incision, the tubes D, entirely surrounding this bar and sliding thereon, and pro-
75 vided with springs E, offsets C at the ends of the bar, and fastening-screws, all arranged as shown and described.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 9th
80 day of February, 1880.

CHARLES W. MILLSPAUGH. [L. s.]

Witnesses:

W. G. CROCKETT,
GRANVILLE M. WHITE.