

No. 838,825.

PATENTED DEC. 18, 1906.

U. S. G. WALDRON.  
MUSIC RACK.

APPLICATION FILED JAN. 26, 1906.

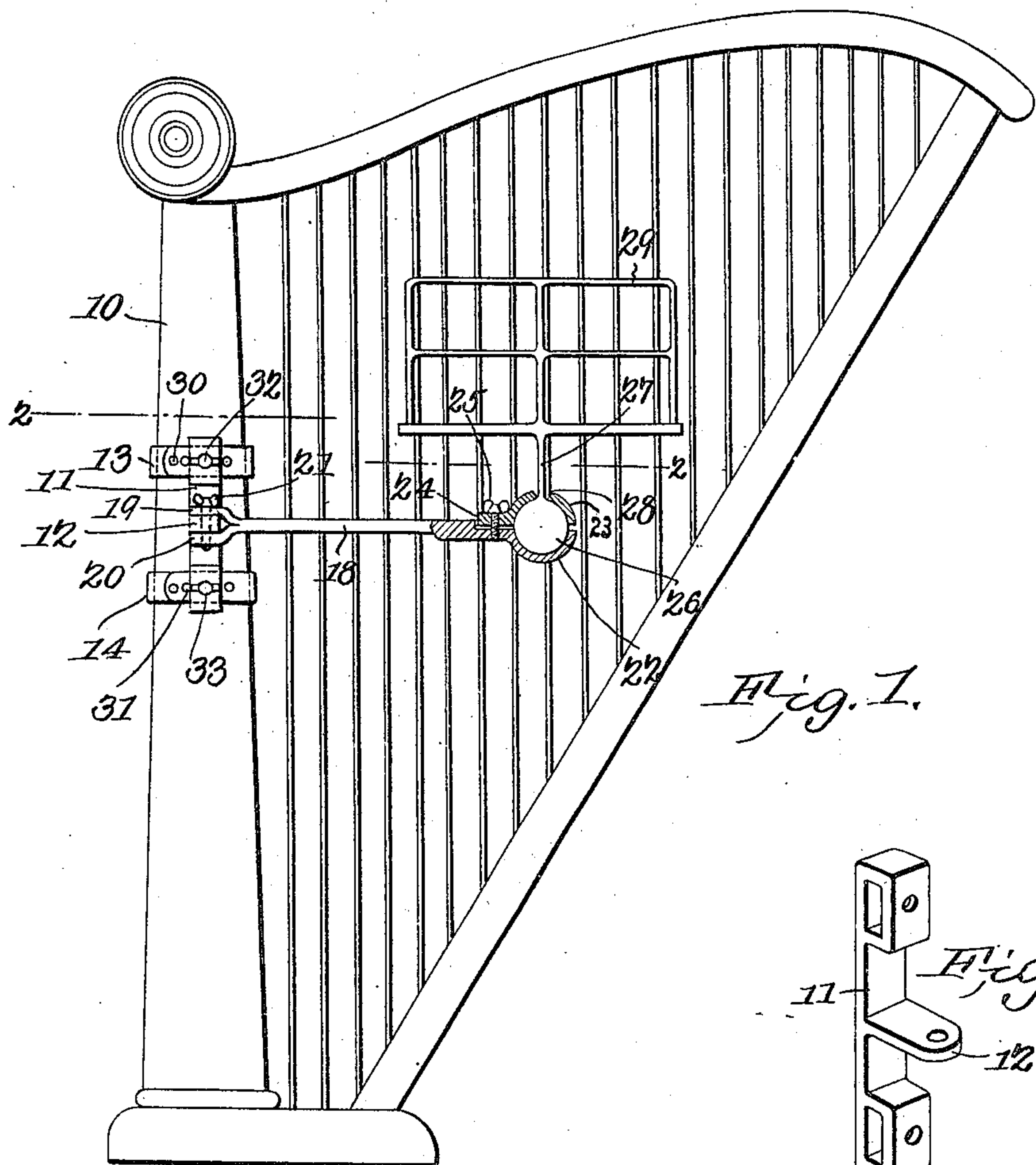


Fig. 1.

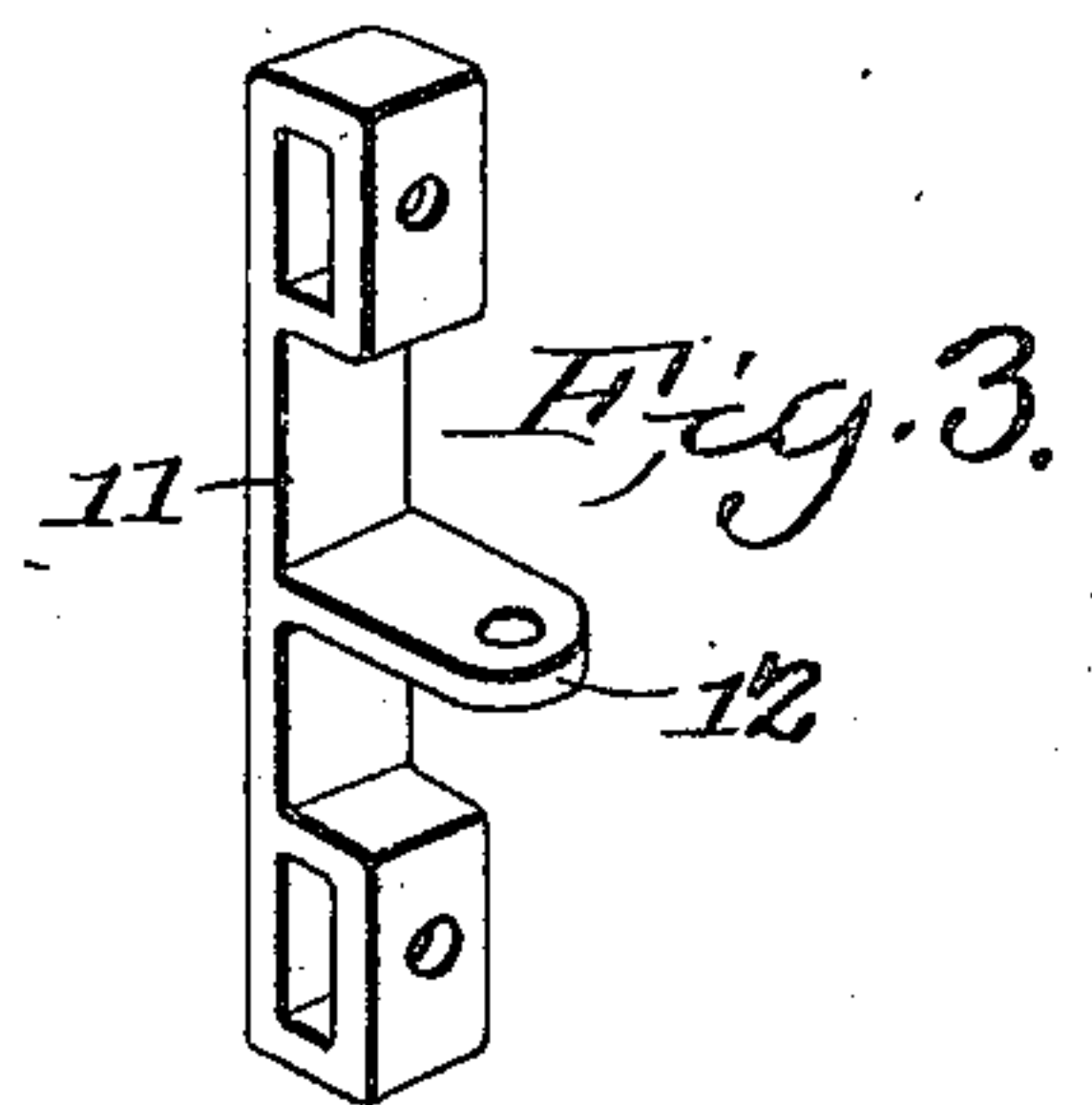


Fig. 3.

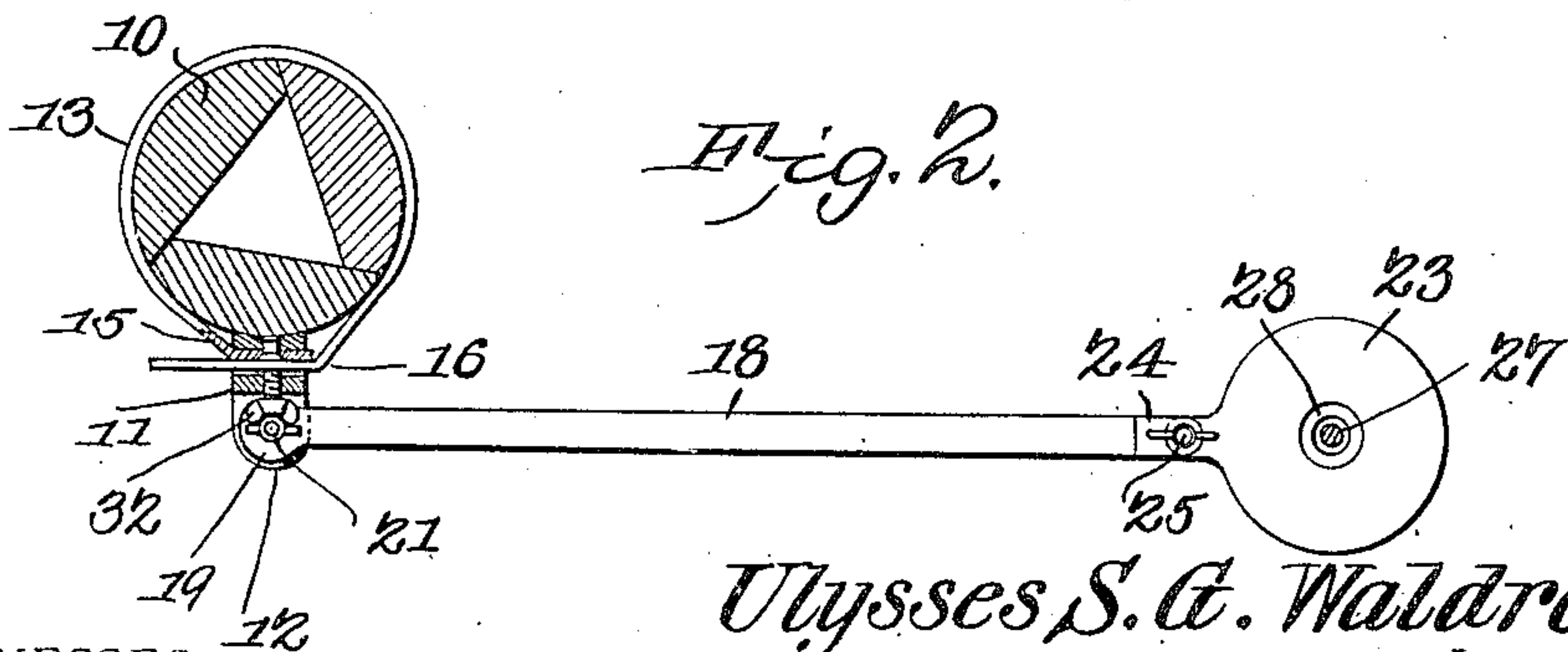


Fig. 2.

WITNESSES:  
*E. J. Howard*  
*C. N. Woodward*

*Ulysses S. G. Waldron,*  
INVENTOR.

By *C. A. Snow & Co.*  
ATTORNEYS



# UNITED STATES PATENT OFFICE.

ULYSSES S. G. WALDRON, OF BUTLER, PENNSYLVANIA.

## MUSIC-RACK.

No. 838,825.

Specification of Letters Patent.

Patented Dec. 18, 1906.

Application filed January 26, 1906. Serial No. 298,047.

*To all whom it may concern:*

Be it known that I, ULYSSES S. G. WALDRON, a citizen of the United States, residing at Butler, in the county of Butler and State of Pennsylvania, have invented a new and useful Music-Rack, of which the following is a specification.

This invention relates to adjustable music-racks, and has for its object to improve the construction and increase the efficiency of devices of this character.

With this and other objects in view, which will appear as the nature of the invention is better understood, the invention consists in certain novel features of construction, as hereinafter fully described and claimed.

In the accompanying drawings, forming a part of this specification, and in which corresponding parts are denoted by like designating characters, is illustrated the preferred form of the embodiment of the invention capable of carrying the same into practical operation.

Figure 1 is a side view, partly in section, of the improved device applied. Fig. 2 is a plan view, enlarged, in section on the line 2 2 of Fig. 1. Fig. 3 is a perspective view of the standard detached.

The improved device may be attached to any desired size or form of support, but is more particularly designed for use in connection with the harp, and for the purpose of illustration is shown applied to the standard or body member 10 of a conventional form of harp.

The improved device comprises a standard 11, having an integral arm 12 extending laterally therefrom and with transverse apertures through the ends and metal bands 13 14 riveted or otherwise secured at one end in said apertures, and after passing around the structure 10 the bands are passed at 15 16 in the opposite direction through the apertures and bearing upon the riveted ends of the bands. The overlapping end portions of the bands are provided with spaced apertures 30 31, and the standard 11 is provided with set-screws 32 33, adapted to engage these apertures one at a time, and thus provide for the adjustable coupling of the bands and standard and its attachments to the support 10.

By this means the standard 11, with its arm 12, may be adjusted vertically and firmly clamped at any required point upon the support 10, and by reason of the yielding nature of the bands 13 14 they will readily adapt themselves to the form or size of the support. The device may thus be readily changed from one supporting member to another and the same device thus readily adapted to numerous supporting members of different forms and sizes.

A bar 18 is mounted to swing from the arm 12, the bar being forked at one end, as at 19 20, and embracing the arm by the forked portion and clamped in position by a bolt 21, operating through the forked portions and also through the arm. By this means the bar is free to swing about the bolt 21 as a center and may be pinched fast to the arm by operating the bolt to hold the bar from movement, and thus easily set the same at any required point of adjustment. At its free end the bar 18 is formed into a semi-spherical cup 22, and bearing over this cup portion is a similar semispherical cup 23, the latter having an arm 24 extending radially therefrom and adapted to be clamped to the bar 18 by a clamp-screw 25. Fitting within the cup members 22 23 is a ball 26, having a rod or stem 27 extending therefrom through a relatively large cavity 28 in the upper cup member 23. A music-supporting rack 29 of any required form is connected to the upper end of the stem 27. By this simple arrangement it will be obvious the rack 29 may be adjusted to any required extent by merely loosening the clamp-screw 25 and adjusting the ball 26 within the cup members and then retightening the clamp-screw to hold the stem and rack firmly in the adjusted position.

The parts of the device may be made of any suitable or desired metal and of any fanciful or ornamental design.

Having thus described the invention, what is claimed is—

In a device of the class described, a standard having a laterally-extending arm and with transverse apertures at the ends, spaced resilient bands connected at one end to said standard and adapted to enclose a

supporting member and with the free ends  
passed in the opposite direction through said  
apertures, set-screws in said standard and  
bearing upon said bands in said apertures, a  
5 bar swinging from said arm, means for clamp-  
ing said bar to said arm, a rack member, and  
means for adjustably connecting said rack  
to the free end of said bar.

In testimony that I claim the foregoing as  
my own I have hereto affixed my signature in 10  
the presence of two witnesses.

ULYSSES S. G. WALDRON.

Witnesses:

ALEX MITCHELL,  
ANDREW G. WILLIAMS.